



# Illinois Environmental Protection Agency

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

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

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

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

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

### I. Source Location Information

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

Project Name: FAI 80 - Interstate 80 Office Phone Number, if available: \_\_\_\_\_

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

I-80 ROW (ISGS SITE NO. 2233V3-1)

City: \_\_\_\_\_ 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: 41.47037 Longitude: - 88.23759  
(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.): 63,195

### II. Owner/Operator Information for Source Site

Site Owner

Name: Illinois Department of Transportation

Street Address: 201 W. Center Court

PO Box: \_\_\_\_\_

City: Schaumburg State: IL

Zip Code: 60196 Phone: \_\_\_\_\_

Contact: Irma Romiti-Johnson

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

Site Operator

Name: Illinois Department of Transportation

Street Address: 201 W. Center Court

PO Box: \_\_\_\_\_

City: Schaumburg State: IL

Zip Code: 60196 Phone: \_\_\_\_\_

Contact: Irma Romiti-Johnson

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

This Agency is authorized to require this information under Section 4 and Title X of the Environmental Protection Act (415 ILCS 5/4, 5/39). Failure to disclose this information may result in: a civil penalty of not to exceed \$50,000 for the violation and an additional civil penalty of not to exceed \$10,000 for each day during which the violation continues (415 ILCS 5/42). This form has been approved by the Forms Management Center.

Uncontaminated Soil Certification**III. Basis for Certification and Attachments**

For each item listed below, reference the attachments to this form that provide the required information.

- a. A Description of the soil sample points and how they were determined to be sufficient in number and appropriately located 35 Ill. Adm. Code 1100.610(a)]:

BORINGS ROW-1,2,3,4,5,7-12,14-20,23-30,33-36,38-43,45-50,52,54-58,101-103,105-112,114-117,118,122,123,124,126-128,131,133,134,136,137,140-149,152,154-158,205,206,209, AND 211, WERE SAMPLED ADJACENT TO ISGS SITE No. 2233V3-1. SEE FIGURES 3-1 TO 3-12 AND TABLE 4-1 OF THE FINAL PSI REPORT FOR SAMPLING DETAILS.

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

TESTAMERICA ANALYTICAL REPORTS - JOB IDs: 500-216572-1/500-216606-1/500-216607-1/500-217164-1/500-220917-1/500-217166-1/500-217167-1/500-217246-1/500-217251-1/500-199752-1/500-199753-1/500-199832-1/500-199833-1/500-220919-1. SEE FIGURES 4-1 THROUGH 4-12 OF THE FINAL PSI 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:

31 January 2023

Date:



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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-1	ROW-2	ROW-2	ROW-4	ROW-5	ROW-7	ROW-8	ROW-9	ROW-10
Sample Date		5/26/2021	5/27/2021	5/27/2021	5/27/2021	5/26/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021
Field Sample ID		ROW-1(0-2)-052621	ROW-2(0-2)-052721	ROW-2(0-2)-052721D	ROW-4(0-2)-052721	ROW-5(0-2)-052621	ROW-7(0-2)-052621	ROW-8(0-2)-052721	ROW-9(0-2)-052621	ROW-10(0-2)-052721
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
Laboratory pH (s.u.)	<6.25; >9.0	8.5	8.8	8.6	8.8	8.5	8.6	8.6	8.7	8.5
<b>VOCs (mg/kg)</b>										
No Exceedances										
<b>SVOCs (mg/kg)</b>										
2,4,5-Trichlorophenol	26	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	---	0.013 J	ND	ND	ND	ND	ND	ND	ND	0.016 J
3 & 4 Methylphenol	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	570	0.03 J	ND	ND	ND	ND	0.014 J	ND	ND	0.0082 J
Acenaphthylene	---	0.0071 J	0.014 J	0.0092 J	0.01 J	ND	ND	0.0065 J	ND	0.075
Anthracene	12000	0.099	0.018 J	0.035 J	0.012 J	0.034 J	0.06	ND	0.046	0.047
Benzo(a)anthracene	0.9 / 1.1 / 1.8	0.37 J	0.11	0.12	0.079 J	0.024 J	0.11	0.035 J	0.14	0.25
Benzo(a)pyrene	0.09 / 1.3 / 2.1	0.43 J	0.15 J	0.15	0.11 J	0.03 J	0.15	0.054	0.24	0.37 J
Benzo(b)fluoranthene	0.9 / 1.5 / 2.1	0.72 J	0.24 J	0.21	0.18 J	0.047	0.23	0.071	0.42	0.56 J
Benzo(g,h,i)perylene	---	0.13 J	0.05 J	0.05	ND	0.047	0.062	ND	0.08	0.13 J
Benzo(k)fluoranthene	9	0.3 J	0.073 J	0.079	0.066 J	0.015 J	0.091	0.037 J	0.13	0.21 J
bis(2-Ethylhexyl)phthalate	46	0.074 J	ND	ND	0.074 J	ND	ND	ND	ND	0.1 J
Butyl benzyl phthalate	930	0.36 J	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	0.6	0.18 J	ND	ND	ND	0.15 J	0.15 J	ND	0.16 J	ND
Chrysene	88	0.43 J	0.13	0.13	0.11 J	0.035 J	0.12	0.039 J	0.2	0.32
Dibenzo(a,h)anthracene	0.09 / 0.2 / 0.42	0.045 J	ND	ND	ND	0.0077 J	0.013 J	ND	0.022 J	ND
Dibenzofuran	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-N-Butyl phthalate	2300	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-N-Octyl phthalate	1600	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	3100	0.82 J	0.16	0.24	0.13	0.073	0.25	0.037 J	0.31	0.45
Fluorene	560	0.054	ND	0.012 J	ND	ND	0.039	ND	0.035 J	ND
Indeno(1,2,3-cd)pyrene	0.9 / 0.9 / 1.6	0.12 J	0.048 J	0.039	0.052 J	0.018 J	0.045	ND	0.058	0.11 J
Naphthalene	1.8	0.017 J	ND	ND	ND	ND	ND	ND	ND	0.0074 J
Phenanthrene	---	0.43	0.053 J	0.14 J	0.054	0.055	0.17	0.012 J	0.11	0.15
Phenol	100	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	2300	1.2 J	0.24	0.25	0.24 J	0.047	0.22	0.048	0.33	0.65

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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-1	ROW-2	ROW-2	ROW-4	ROW-5	ROW-7	ROW-8	ROW-9	ROW-10
Sample Date		5/26/2021	5/27/2021	5/27/2021	5/27/2021	5/26/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021
Field Sample ID		ROW-1(0-2)-052621	ROW-2(0-2)-052721	ROW-2(0-2)-052721D	ROW-4(0-2)-052721	ROW-5(0-2)-052621	ROW-7(0-2)-052621	ROW-8(0-2)-052721	ROW-9(0-2)-052621	ROW-10(0-2)-052721
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
<b>Total Metals (mg/kg)</b>										
Aluminum, Total	---	---	---	---	---	---	---	---	---	---
Antimony, Total	5	0.56 J	0.67 J	0.47 J	0.49 J	0.85 J	0.93 J	0.76 J	0.72 J	0.51 J
Arsenic, Total	11.3 / 13.0	5.5	5.6	5.5	2.6	8.4	8	7.3	7.1	6.4
Barium, Total	1500	59 J	64	63	28	63	81	83	49	40
Beryllium, Total	22	0.62	0.66	0.61	0.41	0.83	0.76	0.75	0.74	0.63
Cadmium, Total	5.2	0.57 B	0.39 B	0.37 J	0.25 J	0.14 J	0.42 B	0.26 J	0.33 J	0.28 J
Calcium, Total	---	75000 J	69000 B	71000 B	150000 B	20000 B	62000 B	32000 B	69000 B	83000 B
Chromium, Total	21	18	16	14	8.9	19	23	18	19	17
Cobalt, Total	20	7.3	8.1	7.7	3.5	10	13	12	11	11
Copper, Total	2900	26 J	17	15	11	18	25	23	21	25
Iron, Total	15000 / 15900	19000 J	14000	13000	9100	19000 B	20000 B	16000	17000 B	23000
Lead, Total	107	99	78	93	33	16	33	55	25	75
Magnesium, Total	325000	43000 J	31000	34000	91000	13000 B	25000 B	21000	30000 B	45000
Manganese, Total	630 / 636	400 B	460	390	350	310 B	460 B	480	390 B	400
Mercury, Total	0.89	0.054	0.029	0.026	0.024	0.02	0.027	0.027	0.018 J	0.021
Nickel, Total	100	19	18	16	8.8	24	29	20	27	26
Potassium, Total	---	1400 J	1200	1300	1000	2100	2100	1300	2700	2000
Selenium, Total	1.3	ND	ND	ND	ND	0.57 J	ND	0.39 J	0.43 J	ND
Silver, Total	4.4	0.29 J	0.37	0.38	0.19 J	0.45	0.45	0.42	0.41	0.42
Sodium, Total	---	1200	1800	1500	520	3000	2100	2200	1900	1400
Thallium, Total	2.6	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium, Total	550	20	22	21	11	33	26	28	23	20
Zinc, Total	5100	130	92	84	46	58	100	67	83	82
<b>TCLP Metals (mg/l)</b>										
Arsenic, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Barium, TCLP	2	0.44 J	0.59	0.59	0.42 J	0.44 J	0.46 J	0.56	0.39 J	0.56
Beryllium, TCLP	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, TCLP	0.005	0.0026 J	ND	ND	ND	ND	ND	ND	ND	0.0025 J
Chromium, TCLP	0.1	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, TCLP	1	ND	ND	ND	ND	ND	ND	ND	ND	0.021 J
Copper, TCLP	0.65	ND	ND	ND	ND	ND	ND	0.027	ND	0.083
Iron, TCLP	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Lead, TCLP	0.0075	0.0098	ND	ND	0.0084	ND	ND	0.016	ND	0.0098
Manganese, TCLP	0.15	0.97	1.3	1.2	1.3	0.68	0.29	0.94	0.74	3.1
Mercury, TCLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, TCLP	0.1	ND	ND	ND	ND	ND	ND	ND	ND	0.034 J
Selenium, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, TCLP	5	0.099 J	0.04 J	0.033 J	0.072 J	ND	0.038 J	0.11 J	0.041 J	0.15 J

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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-1	ROW-2	ROW-2	ROW-4	ROW-5	ROW-7	ROW-8	ROW-9	ROW-10
Sample Date		5/26/2021	5/27/2021	5/27/2021	5/27/2021	5/26/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021
Field Sample ID		ROW-1(0-2)-052621	ROW-2(0-2)-052721	ROW-2(0-2)-052721D	ROW-4(0-2)-052721	ROW-5(0-2)-052621	ROW-7(0-2)-052621	ROW-8(0-2)-052721	ROW-9(0-2)-052621	ROW-10(0-2)-052721
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
<b>SPLP Metals (mg/l)</b>										
Arsenic, SPLP	0.05	0.044 J	0.073	0.062	0.05	0.11	0.06	0.036 J	0.1	0.092
Barium, SPLP	2	0.36 J	0.97	0.84 J	0.44 J	0.61	0.49 J	0.54	0.51	0.59
Beryllium, SPLP	0.004	0.0055	0.0095	0.0083	0.0063	0.0099	0.0068	0.005	0.0095	0.0094
Cadmium, SPLP	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium, SPLP	0.1	0.11	0.21	0.18	0.13	0.2	0.15	0.12	0.19	0.18
Cobalt, SPLP	1	0.028	0.055	0.048	0.033	0.066	0.047	0.027	0.061	0.096
Copper, SPLP	0.65	0.12	0.19	0.17	0.13	0.24	0.18	0.12	0.24	0.24
Iron, SPLP	5	110	210	180	130	220	140	100	200	200
Lead, SPLP	0.0075	0.21	0.28	0.27 J	0.25	0.15	0.23	0.23	0.17	0.3
Manganese, SPLP	0.15	0.54	1.1	0.96 J	0.62	0.83	0.68	0.78	0.83	1.4
Mercury, SPLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, SPLP	0.1	0.11	0.2	0.17	0.12	0.24	0.15	0.1	0.22	0.25
Selenium, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, SPLP	5	0.51	0.79	0.69 J	0.48 J	0.62	0.64	0.47 J	0.68	0.71

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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-11	ROW-12	ROW-14	ROW-15	ROW-16	ROW-17	ROW-18	ROW-18	ROW-19
Sample Date		5/26/2021	5/27/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/27/2021	5/26/2021
Field Sample ID		ROW-11(0-2)-052621	ROW-12(0-2)-052721	ROW-14(0-2)-052721	ROW-15(0-2)-052621	ROW-16(0-2)-052721	ROW-17(0-2)-052621	ROW-18(0-2)-052721	ROW-18(0-2)-052721D	ROW-19(0-2)-052621
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
Laboratory pH (s.u.)	<6.25; >9.0	8.9	8.6	8.8	8.4	8.0	8.3	8.4	8.5	7.8
<b>VOCs (mg/kg)</b>										
No Exceedances										
<b>SVOCs (mg/kg)</b>										
2,4,5-Trichlorophenol	26	0.13 J	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	---	ND	0.013 J	ND	ND	ND	ND	0.023 J	0.021 J	ND
3 & 4 Methylphenol	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	570	ND	0.016 J	ND	0.0084 J	ND	0.0071 J	0.017 J	0.0098 J	ND
Acenaphthylene	---	0.0087 J	0.011 J	0.015 J	ND	ND	0.014 J	0.024 J	0.027 J	ND
Anthracene	12000	0.04	0.047	0.027 J	0.04	ND	0.05	0.038	0.037 J	0.036 J
Benzo(a)anthracene	0.9 / 1.1 / 1.8	0.077	0.22 J	0.14 J	0.04	0.018 J	0.15	0.19 J	0.15 J	0.033 J
Benzo(a)pyrene	0.09 / 1.3 / 2.1	0.11	0.25 J	0.17 J	0.058	0.015 J	0.23 J	0.26 J	0.24 J	0.042
Benzo(b)fluoranthene	0.9 / 1.5 / 2.1	0.18	0.42 J	0.24 J	0.089	0.022 J	0.4 J	0.48 J	0.39 J	0.062
Benzo(g,h,i)perylene	---	0.051	0.27 J	ND	0.044	ND	0.093 J	0.23 J	0.2 J	0.044
Benzo(k)fluoranthene	9	0.054	0.19 *3	0.094 J	0.031 J	ND	0.15 J	0.18 J	0.096 J	0.022 J
bis(2-Ethylhexyl)phthalate	46	ND	0.44 J	0.15 J	ND	ND	ND	0.21 J	0.27 J	ND
Butyl benzyl phthalate	930	ND	2.7 J	ND	ND	ND	ND	0.15 J	0.14 J	ND
Carbazole	0.6	0.14 J	ND	ND	0.15 J	ND	0.15 J	ND	ND	0.15 J
Chrysene	88	0.094	0.3 J	0.18 J	0.043	0.02 J	0.19	0.31 J	0.21 J	0.036 J
Dibenzo(a,h)anthracene	0.09 / 0.2 / 0.42	0.0098 J	ND	ND	0.0081 J	ND	0.025 J	ND	ND	0.008 J
Dibenzofuran	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-N-Butyl phthalate	2300	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-N-Octyl phthalate	1600	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	3100	0.17	0.33 J	0.18	0.096	0.024 J	0.27	0.4	0.29	0.078
Fluorene	560	0.032 J	0.017 J	0.0096 J	0.034 J	ND	0.035 J	0.013 J	0.017 J	0.032 J
Indeno(1,2,3-cd)pyrene	0.9 / 0.9 / 1.6	0.027 J	ND	ND	0.019 J	ND	0.078 J	0.13 J	0.077 J	0.017 J
Naphthalene	1.8	ND	0.013 J	ND	ND	ND	ND	0.015 J	0.014 J	ND
Phenanthrene	---	0.08	0.24	0.13	0.074	0.013 J	0.12	0.22	0.17	0.049
Phenol	100	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	2300	0.14	0.89 J	0.49 J	0.063	0.026 J	0.49	1 J	0.71 J	0.047

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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-11	ROW-12	ROW-14	ROW-15	ROW-16	ROW-17	ROW-18	ROW-18	ROW-19
Sample Date		5/26/2021	5/27/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/27/2021	5/26/2021
Field Sample ID		ROW-11(0-2)-052621	ROW-12(0-2)-052721	ROW-14(0-2)-052721	ROW-15(0-2)-052621	ROW-16(0-2)-052721	ROW-17(0-2)-052621	ROW-18(0-2)-052721	ROW-18(0-2)-052721D	ROW-19(0-2)-052621
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
<b>Total Metals (mg/kg)</b>										
Aluminum, Total	---	---	---	---	---	---	---	---	---	---
Antimony, Total	5	0.47 J	0.47 J	0.5 J	0.88 J	0.84 J	0.73 J	1.2	0.77 J	0.64 J
Arsenic, Total	11.3 / 13.0	4.7	2.9	2.1	7.8	6.5	5.3	5.3	5.7	5.1
Barium, Total	1500	31	65	29	55	110	73	120	76	100
Beryllium, Total	22	0.48	0.4	0.31	0.72	0.85	0.48	0.62	0.61	0.68
Cadmium, Total	5.2	0.34 J	0.42 B	0.25 J	0.23 J	0.16 J	0.55 B	0.73 B	0.5 B	0.3 J
Calcium, Total	---	120000 B	140000 B	130000 B	61000 B	9600 B	85000 B	82000 B	78000 B	8300 J
Chromium, Total	21	12	21	22	15	19	29	45	28	15
Cobalt, Total	20	6.5	4.7	4	11	12	6.1	8.4	9.5	7.5
Copper, Total	2900	15	21	18	20	17	30	36	30	14
Iron, Total	15000 / 15900	13000 B	12000	12000	17000 B	17000	17000 B	22000	22000	13000 B
Lead, Total	107	51	31	32	29	38	92	87	88	25 J
Magnesium, Total	325000	70000 B	77000	71000	27000 B	6900	47000 B	45000	44000	5300 J
Manganese, Total	630 / 636	270 B	460	570	400 B	530	530 B	580	460	410 J
Mercury, Total	0.89	0.019	0.016 J	0.016 J	0.025	0.048	0.024	0.053	0.039	0.036
Nickel, Total	100	17	13	12	26	22	21	22	23	16
Potassium, Total	---	1800	860	710	2300	1300	1300	1400	1400	1300
Selenium, Total	1.3	ND	ND	ND	0.35 J	0.35 J	0.63	ND	ND	0.64
Silver, Total	4.4	0.26	0.22 J	0.25 J	0.4	0.59	0.27	0.41	0.4	0.45
Sodium, Total	---	1100	840	550	1300	2500	1300	1200	1300	1100
Thallium, Total	2.6	0.31 J	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium, Total	550	15	19	28	22	32	25	30	26	27
Zinc, Total	5100	59	120	55	60	63	170	190	150	61
<b>TCLP Metals (mg/l)</b>										
Arsenic, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Barium, TCLP	2	0.36 J	0.66	0.38 J	0.52	0.71	0.46 J	0.66	0.7	0.53
Beryllium, TCLP	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, TCLP	0.005	ND	0.002 J	ND	ND	ND	0.003 J	0.0027 J	0.0034 J	ND
Chromium, TCLP	0.1	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, TCLP	1	ND	ND	ND	ND	ND	ND	ND	ND	ND
Copper, TCLP	0.65	ND	0.046	0.015 J	ND	0.021 J	ND	0.084	0.086	ND
Iron, TCLP	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Lead, TCLP	0.0075	ND	ND	ND	ND	ND	0.0085	0.0099	0.01	ND
Manganese, TCLP	0.15	0.38	1.1	5.5	0.41	1.2	0.77	0.5	0.56	0.45
Mercury, TCLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, TCLP	0.1	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, TCLP	5	0.023 J	0.28 J	0.098 J	ND	0.045 J	0.22 J	0.24 J	0.25 J	0.039 J

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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-11	ROW-12	ROW-14	ROW-15	ROW-16	ROW-17	ROW-18	ROW-18	ROW-19
Sample Date		5/26/2021	5/27/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/27/2021	5/26/2021
Field Sample ID		ROW-11(0-2)-052621	ROW-12(0-2)-052721	ROW-14(0-2)-052721	ROW-15(0-2)-052621	ROW-16(0-2)-052721	ROW-17(0-2)-052621	ROW-18(0-2)-052721	ROW-18(0-2)-052721D	ROW-19(0-2)-052621
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
<b>SPLP Metals (mg/l)</b>										
Arsenic, SPLP	0.05	0.095	ND	0.011 J	0.075	0.079	0.038 J	0.05	0.055	0.041 J
Barium, SPLP	2	0.39 J	0.18 J	0.23 J	0.57	1.1	0.4 J	0.56	0.63	0.66
Beryllium, SPLP	0.004	0.0083	ND	ND	0.0083	0.011	0.0051	0.006	0.0068	0.0063
Cadmium, SPLP	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium, SPLP	0.1	0.17	0.04	0.059	0.17	0.24	0.12	0.14	0.14	0.14
Cobalt, SPLP	1	0.065	ND	ND	0.055	0.053	0.029	0.032	0.039	0.031
Copper, SPLP	0.65	0.21	0.045	0.044	0.18	0.21	0.13	0.14	0.16	0.1
Iron, SPLP	5	190	29	43	180	230	110	130	150	130
Lead, SPLP	0.0075	0.23	0.062	0.052	0.17	0.17	0.31	0.31	0.3	0.1
Manganese, SPLP	0.15	0.83	0.25	0.24	0.78	0.99	0.66	0.62	0.69	0.59
Mercury, SPLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, SPLP	0.1	0.2	0.03	0.038	0.18	0.21	0.099	0.13	0.14	0.12
Selenium, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, SPLP	5	0.65	0.26 J	0.17 J	0.56	0.76	0.88	0.54	0.62	0.41 J



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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-19	ROW-20	ROW-23	ROW-24	ROW-25	ROW-26	ROW-27	ROW-28	ROW-29
Sample Date		5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021
Field Sample ID		ROW-19(0-2)-052621D	ROW-20(0-2)-052721	ROW-23(0-2)-052621	ROW-24(0-2)-052721	ROW-25(0-2)-052621	ROW-26(0-2)-052721	ROW-27(0-2)-052621	ROW-28(0-2)-052721	ROW-29(0-2)-052621
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
Laboratory pH (s.u.)	<6.25; >9.0	7.6	8.4	8.0	8.2	8.5	8.5	8.8	8.6	8.9
<b>VOCs (mg/kg)</b>										
No Exceedances										
<b>SVOCs (mg/kg)</b>										
2,4,5-Trichlorophenol	26	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	---	ND	0.0083 J	ND	ND	ND	ND	ND	ND	ND
3 & 4 Methylphenol	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	570	ND	ND	0.0092 J	0.01 J	ND	ND	ND	ND	ND
Acenaphthylene	---	ND	ND	ND	0.0063 J	ND	ND	ND	0.0085 J	ND
Anthracene	12000	0.034 J	ND	0.051	0.023 J	0.038	0.0087 J	0.036 J	0.017 J	0.036 J
Benzo(a)anthracene	0.9 / 1.1 / 1.8	0.014 J	ND	0.093	0.13 J	0.055	0.039	0.088	0.082 J	0.041
Benzo(a)pyrene	0.09 / 1.3 / 2.1	0.02 J	0.0087 J	0.14	0.15 J	0.086 J	0.06 J	0.16 J	0.11 J	0.055
Benzo(b)fluoranthene	0.9 / 1.5 / 2.1	0.028 J	0.012 J	0.24	0.23 J	0.15 J	0.11 J	0.28 J	0.19 J	0.089
Benzo(g,h,i)perylene	---	0.04	ND	0.056	0.088 J	0.048 J	0.036 J	0.062 J	0.085 J	0.046
Benzo(k)fluoranthene	9	ND	ND	0.079	0.12 J	0.053 J	0.033 J	0.087 J	0.076 J	0.029 J
bis(2-Ethylhexyl)phthalate	46	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate	930	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	0.6	0.15 J	ND	0.17 J	ND	0.15 J	ND	0.15 J	ND	0.14 J
Chrysene	88	0.014 J	ND	0.13	0.15 J	0.066	0.055	0.11	0.11 J	0.045
Dibenzo(a,h)anthracene	0.09 / 0.2 / 0.42	ND	ND	0.014 J	ND	ND	ND	0.017 J	ND	0.0083 J
Dibenzofuran	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-N-Butyl phthalate	2300	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-N-Octyl phthalate	1600	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	3100	0.056	0.016 J	0.3	0.19	0.12	0.064	0.16	0.12	0.086
Fluorene	560	ND	ND	0.039	0.0077 J	0.032 J	ND	0.031 J	ND	ND
Indeno(1,2,3-cd)pyrene	0.9 / 0.9 / 1.6	ND	ND	0.035 J	0.09 J	0.025 J	0.024 J	0.046 J	0.057 J	0.02 J
Naphthalene	1.8	ND	ND	ND	0.0074 J	ND	ND	ND	0.0065 J	ND
Phenanthrene	---	0.043	0.018 J	0.16	0.14	0.063	0.034 J	0.067	0.079	0.044
Phenol	100	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	2300	0.02 J	0.034 J	0.26	0.44 J	0.11	0.11	0.16	0.28 J	0.057

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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-19	ROW-20	ROW-23	ROW-24	ROW-25	ROW-26	ROW-27	ROW-28	ROW-29
Sample Date		5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021
Field Sample ID		ROW-19(0-2)-052621D	ROW-20(0-2)-052721	ROW-23(0-2)-052621	ROW-24(0-2)-052721	ROW-25(0-2)-052621	ROW-26(0-2)-052721	ROW-27(0-2)-052621	ROW-28(0-2)-052721	ROW-29(0-2)-052621
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
<b>Total Metals (mg/kg)</b>										
Aluminum, Total	---	---	---	---	---	---	---	---	---	---
Antimony, Total	5	0.65 J	0.85 J	0.47 J	0.55 J	0.71 J	0.81 J	0.63 J	0.56 J	0.91 J
Arsenic, Total	11.3 / 13.0	6.5	6.8	4	7.4	8	7.6	7.4	7.9	7.7
Barium, Total	1500	83	57	40	87	60	62	48	45	64
Beryllium, Total	22	0.8	0.79	0.46	0.76	0.7	0.67	0.65	0.68	0.72
Cadmium, Total	5.2	ND	0.24 J	0.28 J	0.18	0.26 J	0.4	0.29 J	0.21	0.37 J
Calcium, Total	---	2600 J	28000 B	140000 B	5500 B	80000 B	73000 B	69000 B	68000 B	29000 B
Chromium, Total	21	19	17	19	15	19	18	18	16	16
Cobalt, Total	20	8.7	11	5.9	10	11	11	10	12	12
Copper, Total	2900	13	19	17	16	23	24	24	28	20
Iron, Total	15000 / 15900	17000 B	18000	13000 B	17000	21000 B	17000	16000 B	17000	17000 B
Lead, Total	107	14 J	29	20	26	25	58	19	20	22
Magnesium, Total	325000	3100 J	17000	85000 B	4200 B	45000 B	32000 B	32000 B	28000 B	20000 B
Manganese, Total	630 / 636	150 J	300	600 B	270	360 B	400	390 B	370	460 B
Mercury, Total	0.89	0.03	0.028	0.014 J	0.038	0.031	0.022	0.026	0.034	0.031
Nickel, Total	100	21	25	13	23	28	29	24	29	27
Potassium, Total	---	1500	2000	1100	1100	2500	1700	2000	1800	1600
Selenium, Total	1.3	0.67	ND	ND	0.39 J	ND	ND	ND	ND	0.4 J
Silver, Total	4.4	0.49	0.54	0.28	0.54	0.38	0.46	0.34	0.45	0.44
Sodium, Total	---	1000	1700	1000	1600	1600	2000	910	1500	2700
Thallium, Total	2.6	0.48 J	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium, Total	550	30	27	28	22	21	25	22	21	26
Zinc, Total	5100	48	61	74	95	64	88	130	72	63
<b>TCLP Metals (mg/l)</b>										
Arsenic, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Barium, TCLP	2	0.52	0.56	0.53	0.65	0.41 J	0.7	0.54	0.46 J	0.49 J
Beryllium, TCLP	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, TCLP	0.005	ND	0.0021 J	ND	ND	ND	ND	0.0022 J	ND	ND
Chromium, TCLP	0.1	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, TCLP	1	ND	ND	ND	ND	ND	ND	ND	ND	ND
Copper, TCLP	0.65	ND	0.13	ND	ND	ND	ND	ND	ND	ND
Iron, TCLP	5	ND	ND	ND	ND	0.2 J	ND	ND	ND	ND
Lead, TCLP	0.0075	ND	ND	ND	ND	ND	ND	ND	ND	ND
Manganese, TCLP	0.15	0.71	0.077	1.2	0.6	0.88	0.74	0.51	0.61	0.49
Mercury, TCLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, TCLP	0.1	ND	ND	ND	0.072 J	ND	0.022 J	ND	0.13	ND
Selenium, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, TCLP	5	0.037 J	0.12 J	0.099 J	0.32 J	0.029 J	0.028 J	0.16 J	0.026 J	0.025 J

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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-19	ROW-20	ROW-23	ROW-24	ROW-25	ROW-26	ROW-27	ROW-28	ROW-29
Sample Date		5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021
Field Sample ID		ROW-19(0-2)-052621D	ROW-20(0-2)-052721	ROW-23(0-2)-052621	ROW-24(0-2)-052721	ROW-25(0-2)-052621	ROW-26(0-2)-052721	ROW-27(0-2)-052621	ROW-28(0-2)-052721	ROW-29(0-2)-052621
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
<b>SPLP Metals (mg/l)</b>										
Arsenic, SPLP	0.05	0.033 J	0.075	0.023 J	0.028 J	0.094	0.092	0.091	0.067	0.074
Barium, SPLP	2	0.49 J	0.58	0.25 J	0.65 J	0.48 J	0.69	0.55	0.5	0.56
Beryllium, SPLP	0.004	0.0048	0.0082	ND	0.0047	0.0087	0.0091	0.008	0.0066	0.0077
Cadmium, SPLP	0.005	ND	0.0023 J	ND	ND	ND	ND	ND	ND	ND
Chromium, SPLP	0.1	0.11	0.16	0.063	0.1	0.17	0.18	0.15	0.13	0.15
Cobalt, SPLP	1	0.024 J	0.057	0.018 J	0.021 J	0.068	0.053	0.055	0.041	0.045
Copper, SPLP	0.65	0.083	0.18	0.087	0.09	0.23	0.21	0.21	0.15	0.17
Iron, SPLP	5	100	170	65	100	190	200	180	150	170
Lead, SPLP	0.0075	0.077	0.2	0.08	0.13 J	0.16	0.23	0.14	0.17	0.15
Manganese, SPLP	0.15	0.45	0.92	0.51	0.75 J	0.77	0.82	0.76	0.72	0.91
Mercury, SPLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, SPLP	0.1	0.089	0.17	0.068	0.076	0.2	0.19	0.17	0.14	0.16
Selenium, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, SPLP	5	0.3 J	0.53	0.36 J	0.76 J	0.55	0.59	0.79	0.52	0.53

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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-30	ROW-33	ROW-34	ROW-35	ROW-36	ROW-38	ROW-38	ROW-39	ROW-39
Sample Date		5/27/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/27/2021	5/27/2021	5/26/2021	5/26/2021
Field Sample ID		ROW-30(0-2)-052721	ROW-33(0-2)-052621	ROW-34(0-2)-052721	ROW-35(0-2)-052621	ROW-36(0-2)-052721	ROW-38(0-2)-052721	ROW-38(0-2)-052721D	ROW-39(0-2)-052621	ROW-39(0-2)-052621D
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
Laboratory pH (s.u.)	<6.25; >9.0	8.4	8.2	8.1	8.2	8.7	7.8	7.9	7.9	8.3
<b>VOCs (mg/kg)</b>		<b>No Exceedances</b>								
<b>SVOCs (mg/kg)</b>										
2,4,5-Trichlorophenol	26	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	---	ND	0.015 J	0.022 J	ND	0.012 J	ND	ND	0.0098 J	ND
3 & 4 Methylphenol	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	570	0.014 J	0.044	ND	0.017 J	0.0098 J	ND	ND	0.028 J	ND
Acenaphthylene	---	ND	0.057	ND	0.013 J	0.013 J	ND	ND	0.011 J	ND
Anthracene	12000	0.041	0.13	0.02 J	0.059	0.047	ND	0.0066 J	0.07	0.036 J
Benzo(a)anthracene	0.9 / 1.1 / 1.8	0.12	0.44 J	0.1	0.096	0.26 J	0.016 J	0.026 J	0.29 J	0.03 J
Benzo(a)pyrene	0.09 / 1.3 / 2.1	0.13 J	0.45 J	0.13 J	0.12	0.29 J	0.021 J	0.034 J	0.31 J	0.044 J
Benzo(b)fluoranthene	0.9 / 1.5 / 2.1	0.19 J	0.69 J	0.2 J	0.16	0.49 J	0.035 J	0.057	0.51 J	0.085 J
Benzo(g,h,i)perylene	---	0.043 J	0.13 J	0.068 J	0.066	0.14 J	0.018 J	0.024 J	0.11 J	0.043 J
Benzo(k)fluoranthene	9	0.092 J	0.27 J	0.096 J	0.051	0.23 J	0.012 J	0.021 J	0.16 J	0.029 J
bis(2-Ethylhexyl)phthalate	46	ND	0.8 J	ND	ND	0.17 J	ND	ND	0.28	ND
Butyl benzyl phthalate	930	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	0.6	ND	0.19	ND	0.16 J	ND	ND	ND	ND	0.15 J
Chrysene	88	0.13	0.46 J	0.13	0.11	0.33 J	0.025 J	0.038 J	0.3 J	0.038 J
Dibenzo(a,h)anthracene	0.09 / 0.2 / 0.42	ND	0.048 J	ND	0.017 J	0.036 J	ND	ND	0.029 J	ND
Dibenzofuran	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-N-Butyl phthalate	2300	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-N-Octyl phthalate	1600	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	3100	0.24	0.71	0.2	0.21	0.35	0.028 J	0.055	0.66 J	0.082 J
Fluorene	560	0.014 J	0.068	ND	0.044	0.011 J	ND	ND	0.025 J	0.031 J
Indeno(1,2,3-cd)pyrene	0.9 / 0.9 / 1.6	0.048 J	0.14 J	0.056 J	0.046	0.11 J	0.016 J	0.02 J	0.087 J	0.016 J
Naphthalene	1.8	0.0099 J	0.015 J	0.016 J	0.0059 J	0.025 J	ND	ND	0.042	ND
Phenanthrene	---	0.16	0.55	0.1	0.18	0.22	0.012 J	0.028 J	0.33 J	0.051 J
Phenol	100	ND	ND	ND	ND	ND	ND	ND	ND	0.12 J
Pyrene	2300	0.33	1.9 J	0.21	0.2	0.71 J	0.029 J	0.055	0.73 J	0.072 J

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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-30	ROW-33	ROW-34	ROW-35	ROW-36	ROW-38	ROW-38	ROW-39	ROW-39
Sample Date		5/27/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/27/2021	5/27/2021	5/26/2021	5/26/2021
Field Sample ID		ROW-30(0-2)-052721	ROW-33(0-2)-052621	ROW-34(0-2)-052721	ROW-35(0-2)-052621	ROW-36(0-2)-052721	ROW-38(0-2)-052721	ROW-38(0-2)-052721D	ROW-39(0-2)-052621	ROW-39(0-2)-052621D
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
<b>Total Metals (mg/kg)</b>										
Aluminum, Total	---	---	---	---	---	---	---	---	---	---
Antimony, Total	5	0.71 J	0.72 J	0.83 J	0.54 J	0.58 J	0.45 J	0.79 J	0.89 J	0.65 J
Arsenic, Total	11.3 / 13.0	6.4	4.7	9.4	7.3	4.9	6.2	7.4	5.1 J	5.5
Barium, Total	1500	110	83	95	78	110	100	120	73 J	80
Beryllium, Total	22	0.78	0.58	0.73	0.6	0.55	0.65	0.7	0.54	0.64
Cadmium, Total	5.2	0.21	0.67 B	0.26	0.3 J	0.71	0.21	0.13	0.26	0.3
Calcium, Total	---	17000 B	49000 B	13000 B	21000 B	100000 B	25000 J	3800 J	20000 J	20000 B
Chromium, Total	21	17	29	18	13	25	20	18	25 J	18
Cobalt, Total	20	11	6.8	12	9.2	8.8	9.9	11	7.1	8.4
Copper, Total	2900	21	32	20	15	33	19	16	15 J	17
Iron, Total	15000 / 15900	18000	16000 B	18000	14000 B	20000	15000	17000	14000 J	14000
Lead, Total	107	20	120	29	31	98	39 J	22 J	19 J	42 J
Magnesium, Total	325000	12000 B	22000 B	8600 B	13000 B	57000 B	17000 J	3900 J	12000 J	12000
Manganese, Total	630 / 636	380	510 B	480	510 B	500	370	450	530 J	400 B
Mercury, Total	0.89	0.028	0.032	0.025	0.026	0.027	0.043 J	0.051	0.024	0.038
Nickel, Total	100	27	16	33	20	21	26	20	16	18
Potassium, Total	---	1300	920	1400	1200	900	890	890	680 J	1100
Selenium, Total	1.3	0.43 J	0.31 J	0.56 J	0.42 J	ND	ND	0.4 J	0.4 J	ND
Silver, Total	4.4	0.6	0.38	0.65	0.41	0.32	0.44	0.52	0.36	0.49
Sodium, Total	---	2200	2300	1500	1800	1500	2600	3000	2200 B	2600 B
Thallium, Total	2.6	ND	ND	ND	ND	ND	ND	ND	0.89 J	0.59
Vanadium, Total	550	26	25	27	22	20	28	31	23 J	25
Zinc, Total	5100	77	140	95	56	260	100	71	63 J	69
<b>TCLP Metals (mg/l)</b>										
Arsenic, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Barium, TCLP	2	0.59	0.49 J	0.79	0.59	0.57	0.83	0.85	0.66	0.66
Beryllium, TCLP	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, TCLP	0.005	ND	0.0033 J	0.0026 J	ND	0.0041 J	ND	ND	0.002 J	0.0022 J
Chromium, TCLP	0.1	ND	ND	ND	0.11	ND	ND	0.013 J	ND	ND
Cobalt, TCLP	1	ND	ND	ND	ND	ND	ND	ND	ND	ND
Copper, TCLP	0.65	ND	ND	ND	0.021 J	0.011 J	ND	ND	ND	ND
Iron, TCLP	5	ND	ND	ND	0.48	ND	ND	ND	ND	ND
Lead, TCLP	0.0075	ND	ND	ND	ND	0.0093	ND	ND	ND	ND
Manganese, TCLP	0.15	0.43	0.88	0.78	0.94	1.1	0.57	0.63	3	2.1
Mercury, TCLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, TCLP	0.1	0.049	ND	ND	0.1	0.02 J	ND	0.022 J	0.012 J	ND
Selenium, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, TCLP	5	0.021 J	0.091 J	0.15 J	0.021 J	0.2 J	0.081 J	0.087 J	0.13 J	0.063 J

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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-30	ROW-33	ROW-34	ROW-35	ROW-36	ROW-38	ROW-38	ROW-39	ROW-39
Sample Date		5/27/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/27/2021	5/27/2021	5/26/2021	5/26/2021
Field Sample ID		ROW-30(0-2)-052721	ROW-33(0-2)-052621	ROW-34(0-2)-052721	ROW-35(0-2)-052621	ROW-36(0-2)-052721	ROW-38(0-2)-052721	ROW-38(0-2)-052721D	ROW-39(0-2)-052621	ROW-39(0-2)-052621D
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
<b>SPLP Metals (mg/l)</b>										
Arsenic, SPLP	0.05	0.075	0.059	0.055	0.063	0.033 J	0.035 J	0.04 J	0.051	0.05
Barium, SPLP	2	0.9	0.84	0.93	0.65	0.43 J	0.66	0.78	0.72	0.75
Beryllium, SPLP	0.004	0.01	0.0082	0.0069	0.0072	0.0044	0.0043	0.0051	0.0066	0.0068
Cadmium, SPLP	0.005	ND	0.0031 J	ND	ND	ND	ND	ND	ND	ND
Chromium, SPLP	0.1	0.21	0.2	0.15	0.16	0.098	0.1	0.12	0.15	0.16
Cobalt, SPLP	1	0.054	0.037	0.045	0.041	0.025	0.02 J	0.024 J	0.036	0.036
Copper, SPLP	0.65	0.2	0.19	0.14	0.14	0.12	0.08	0.093	0.12	0.12
Iron, SPLP	5	230	200	150	160	92	110	130	150	150
Lead, SPLP	0.0075	0.12	0.24	0.18	0.14	0.3	0.064	0.075	0.11 J	0.2 J
Manganese, SPLP	0.15	0.89	0.82	1	0.93	0.61	0.85	0.96	0.69	0.64
Mercury, SPLP	0.002	ND	0.00023	ND	ND	ND	ND	ND	ND	ND
Nickel, SPLP	0.1	0.19	0.16	0.13	0.14	0.087	0.076	0.088	0.12	0.12
Selenium, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, SPLP	5	0.71	0.84	0.63	0.48 J	0.55	0.33 J	0.34 J	0.49 J	0.5

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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-40	ROW-41	ROW-42	ROW-43	ROW-45	ROW-46	ROW-47	ROW-48	ROW-49
Sample Date		5/27/2021	5/26/2021	5/27/2021	5/26/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021
Field Sample ID		ROW-40(0-2)-052721	ROW-41(0-2)-052621	ROW-42(0-2)-052721	ROW-43(0-2)-052621	ROW-45(0-2)-052621	ROW-46(0-2)-052721	ROW-47(0-2)-052621	ROW-48(0-2)-052721	ROW-49(0-2)-052621
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
Laboratory pH (s.u.)	<6.25; >9.0	8.4	8.5	8.7	8.9	8.5	8.5	8.0	8.1	8.2
<b>VOCs (mg/kg)</b>										
No Exceedances										
<b>SVOCs (mg/kg)</b>										
2,4,5-Trichlorophenol	26	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	---	0.008 J	ND	0.0071 J	ND	ND	ND	0.011 J	0.0098 J	ND
3 & 4 Methylphenol	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	570	ND	ND	0.0088 J	0.014 J	ND	ND	0.0077 J	ND	0.0071 J
Acenaphthylene	---	0.0096 J	0.0051 J	0.0086 J	ND	0.0069 J	ND	0.007 J	0.013 J	0.034 J
Anthracene	12000	0.017 J	0.039	0.034 J	0.057	0.042	0.019 J	0.053	0.024 J	0.059
Benzo(a)anthracene	0.9 / 1.1 / 1.8	0.081 J	0.054	0.16	0.13	0.088	0.085	0.17 J	0.096	0.15
Benzo(a)pyrene	0.09 / 1.3 / 2.1	0.12 J	0.087 J	0.18 J	0.15	0.14 J	0.095 J	0.23 J	0.12 J	0.23 J
Benzo(b)fluoranthene	0.9 / 1.5 / 2.1	0.2 J	0.14 J	0.27 J	0.25	0.25 J	0.16 J	0.36 J	0.22 J	0.4 J
Benzo(g,h,i)perylene	---	0.071 J	0.052 J	0.072 J	0.056 J	0.064 J	0.046 J	0.1 J	0.057 J	0.096 J
Benzo(k)fluoranthene	9	0.093 J	0.046 J	0.16 J	0.087	0.089 J	0.061 J	0.14 J	0.064 J	0.16 J
bis(2-Ethylhexyl)phthalate	46	ND	ND	ND	ND	ND	ND	0.078 J	ND	ND
Butyl benzyl phthalate	930	ND	ND	ND	ND	ND	ND	0.081 J	0.76	ND
Carbazole	0.6	ND	0.15 J	ND	0.16 J	0.15 J	ND	0.16 J	ND	0.16 J
Chrysene	88	0.12 J	0.065	0.19	0.13	0.099	0.1	0.2 J	0.12	0.19
Dibenzo(a,h)anthracene	0.09 / 0.2 / 0.42	0.0086 J	ND	0.017 J	0.014 J	0.016 J	0.0078 J	0.031 J	ND	0.026 J
Dibenzofuran	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	---	ND	ND	ND	ND	ND	ND	ND	0.067 J	ND
Di-N-Butyl phthalate	2300	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-N-Octyl phthalate	1600	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	3100	0.12	0.11	0.26	0.26	0.17	0.15	0.29	0.17	0.28
Fluorene	560	ND	0.033 J	0.0095 J	0.042	0.033 J	ND	0.037 J	0.0066 J	0.037 J
Indeno(1,2,3-cd)pyrene	0.9 / 0.9 / 1.6	0.044 J	0.028 J	0.06 J	0.036 J	0.047 J	0.04 J	0.086 J	0.048 J	0.08 J
Naphthalene	1.8	0.0093 J	0.0058 J	0.015 J	ND	ND	0.006 J	0.0073 J	0.033 J	ND
Phenanthrene	---	0.064	0.074	0.15	0.15	0.073	0.097	0.17	0.1	0.14
Phenol	100	ND	0.12 J	ND	ND	ND	ND	ND	ND	ND
Pyrene	2300	0.23 J	0.12	0.42	0.25	0.16	0.24	0.63 J	0.26	0.45

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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-40	ROW-41	ROW-42	ROW-43	ROW-45	ROW-46	ROW-47	ROW-48	ROW-49
Sample Date		5/27/2021	5/26/2021	5/27/2021	5/26/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021
Field Sample ID		ROW-40(0-2)-052721	ROW-41(0-2)-052621	ROW-42(0-2)-052721	ROW-43(0-2)-052621	ROW-45(0-2)-052621	ROW-46(0-2)-052721	ROW-47(0-2)-052621	ROW-48(0-2)-052721	ROW-49(0-2)-052621
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
<b>Total Metals (mg/kg)</b>										
Aluminum, Total	---	---	---	---	---	---	---	---	---	---
Antimony, Total	5	0.57 J	0.64 J	0.6 J	0.56 J	0.55 J	0.52 J	1 J	0.64 J	0.67 J
Arsenic, Total	11.3 / 13.0	3.9	5.9	6.2	7	4.5	5.3	4.3	5.9	6.7
Barium, Total	1500	62	78	67	47	95	84	120	84	78
Beryllium, Total	22	0.67	0.69	0.59	0.72	0.65	0.73	0.67	0.71	0.69
Cadmium, Total	5.2	0.26	0.31	0.39	0.21	0.36	0.49	0.43	0.45	0.31
Calcium, Total	---	67000 B	32000 B	67000 B	66000 B	47000 B	85000 B	32000 B	55000 B	58000 B
Chromium, Total	21	19	19	17	15	20	14	33	20	19
Cobalt, Total	20	10	11	8.2	12	7.8	8	6.7	9.7	11
Copper, Total	2900	21	17	22	21	20	21	20	23	18
Iron, Total	15000 / 15900	15000	16000	16000	17000	14000	21000	16000	15000	16000
Lead, Total	107	35	23	42	18	35	98	43	81	29
Magnesium, Total	325000	29000 B	19000	30000 B	29000	22000	49000 B	19000	26000 B	29000
Manganese, Total	630 / 636	320	510 B	310	330 B	400 B	420	570 B	510	520 B
Mercury, Total	0.89	0.02	0.023	0.027	0.022	0.025	0.026	0.025	0.032	0.033
Nickel, Total	100	27	22	23	26	17	22	16	23	20
Potassium, Total	---	2000	1400	1100	2000	1100	1100	1200	1200	1300
Selenium, Total	1.3	ND	0.53 J	0.38 J	ND	0.36 J	0.39 J	ND	ND	0.52 J
Silver, Total	4.4	0.36	0.43	0.33	0.39	0.42	0.34	0.43	0.46	0.43
Sodium, Total	---	1100	2300 B	1400	1600 B	2000 B	1500	2100 B	1300	2100 B
Thallium, Total	2.6	ND	0.78	ND	0.34 J	0.58	ND	0.91	ND	0.95
Vanadium, Total	550	20	28	20	22	27	19	35	27	26
Zinc, Total	5100	88	93	120	63	140	110	150	120	97
<b>TCLP Metals (mg/l)</b>										
Arsenic, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Barium, TCLP	2	0.71	0.65	0.57	0.77	0.79	0.54	0.73	0.52	0.59
Beryllium, TCLP	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, TCLP	0.005	0.0024 J	ND	0.0021 J	ND	0.0023 J	0.002 J	0.0032 J	ND	ND
Chromium, TCLP	0.1	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, TCLP	1	ND	ND	ND	ND	ND	ND	ND	ND	ND
Copper, TCLP	0.65	ND	ND	ND	ND	ND	ND	ND	ND	ND
Iron, TCLP	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Lead, TCLP	0.0075	ND	ND	ND	ND	ND	ND	ND	ND	ND
Manganese, TCLP	0.15	1.3	2.1	0.85	1.9	1.5	1.1	2.1	0.17	1.1
Mercury, TCLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, TCLP	0.1	0.012 J	ND	0.014 J	0.016 J	ND	ND	ND	ND	ND
Selenium, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, TCLP	5	0.11 J	0.052 J	0.083 J	ND	0.12 J	0.056 J	0.18 J	0.065 J	0.1 J



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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-40	ROW-41	ROW-42	ROW-43	ROW-45	ROW-46	ROW-47	ROW-48	ROW-49
Sample Date		5/27/2021	5/26/2021	5/27/2021	5/26/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021
Field Sample ID		ROW-40(0-2)-052721	ROW-41(0-2)-052621	ROW-42(0-2)-052721	ROW-43(0-2)-052621	ROW-45(0-2)-052621	ROW-46(0-2)-052721	ROW-47(0-2)-052621	ROW-48(0-2)-052721	ROW-49(0-2)-052621
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
<b>SPLP Metals (mg/l)</b>										
Arsenic, SPLP	0.05	0.051	0.054	0.047 J	0.084	0.037 J	0.046 J	0.043 J	0.051	0.061
Barium, SPLP	2	0.74	0.81	0.66	0.75	0.87	0.64	1.2	0.77	0.8
Beryllium, SPLP	0.004	0.0088	0.0082	0.0066	0.0094	0.0062	0.0066	0.0082	0.0076	0.0081
Cadmium, SPLP	0.005	ND	ND	ND	ND	ND	ND	0.0022 J	ND	ND
Chromium, SPLP	0.1	0.17	0.18	0.13	0.19	0.15	0.14	0.2	0.16	0.18
Cobalt, SPLP	1	0.059	0.047	0.038	0.069	0.032	0.037	0.037	0.033	0.04
Copper, SPLP	0.65	0.18	0.15	0.13	0.21	0.16	0.12	0.16	0.15	0.16
Iron, SPLP	5	160	180	140	200	140	140	180	170	190
Lead, SPLP	0.0075	0.13	0.11	0.15	0.13	0.15	0.16	0.2	0.21	0.17
Manganese, SPLP	0.15	0.88	0.79	0.68	0.98	0.74	0.79	0.89	0.93	0.92
Mercury, SPLP	0.002	ND	ND	ND	ND	ND	ND	0.00021	ND	0.00021
Nickel, SPLP	0.1	0.18	0.15	0.12	0.22	0.11	0.12	0.14	0.13	0.16
Selenium, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, SPLP	5	0.46 J	0.55	0.53	0.58	0.75	0.49 J	0.94	0.62	0.68

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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-50	ROW-52	ROW-54	ROW-55	ROW-56	ROW-57	ROW-58	ROW-58	ROW-101
Sample Date		5/27/2021	5/27/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/27/2021	5/24/2022
Field Sample ID		ROW-50(0-2)-052721	ROW-52(0-2)-052721	ROW-54(0-2)-052721	ROW-55(0-2)-052621	ROW-56(0-2)-052721	ROW-57(0-2)-052621	ROW-58(0-2)-052721	ROW-58(0-2)-052721D	ROW-101(0-4)-052422
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
Laboratory pH (s.u.)	<6.25; >9.0	8.6	8.4	8.6	8.8	8.6	8.7	8.7	8.8	7.1
<b>VOCs (mg/kg)</b>										
No Exceedances										
<b>SVOCs (mg/kg)</b>										
2,4,5-Trichlorophenol	26	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	---	0.046 J	0.022 J	0.044 J	ND	0.039 J	ND	0.03 J	0.026 J	ND
3 & 4 Methylphenol	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	570	0.11	0.071	0.085	0.014 J	0.074	ND	0.0093 J	0.013 J	ND
Acenaphthylene	---	0.062	0.031 J	0.038	0.01 J	0.019 J	0.0068 J	0.052	0.047	ND
Anthracene	12000	0.34	0.15	0.34	0.096	0.2	0.013 J	0.073	0.081	ND
Benzo(a)anthracene	0.9 / 1.1 / 1.8	0.86 J	0.69 J	1.5 J	0.42 J	0.55 J	0.052 J	0.18	0.23	ND
Benzo(a)pyrene	0.09 / 1.3 / 2.1	0.82 J	0.77 J	1.5 J	0.53 J	0.61 J	0.053 J	0.2 J	0.25	ND
Benzo(b)fluoranthene	0.9 / 1.5 / 2.1	1.2 J	1.3 J	1.6 J	0.79 J	1 J	0.062 J	0.32 J	0.38	ND
Benzo(g,h,i)perylene	---	0.47 J	0.52 J	0.8 J	0.18 J	0.39 J	ND	0.074 J	0.1	ND
Benzo(k)fluoranthene	9	0.46 J	0.53 J	1.5 J	0.33 J	0.38 J	0.035 J	0.12 J	0.13	ND
bis(2-Ethylhexyl)phthalate	46	0.18 J	0.19 J	1.2	ND	0.46 J	ND	ND	ND	ND
Butyl benzyl phthalate	930	2	0.089 J	0.13 J	ND	1.3 *3	ND	ND	ND	ND
Carbazole	0.6	0.14 J	0.2	0.14 J	0.17 J	0.15 J	ND	ND	ND	ND
Chrysene	88	0.93 J	0.9 J	1.5 J	0.45 J	0.66 J	0.071 J	0.2	0.26	ND
Dibenzo(a,h)anthracene	0.09 / 0.2 / 0.42	0.1 J	0.13 J	0.17 J	0.059 J	0.089 J	ND	0.019 J	0.026 J	ND
Dibenzofuran	---	0.092 J	0.053 J	0.056 J	ND	0.063 J	ND	0.056 J	0.05 J	ND
Dimethyl phthalate	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-N-Butyl phthalate	2300	0.78	ND	ND	ND	ND	ND	ND	ND	ND
Di-N-Octyl phthalate	1600	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	3100	1.3	1.2	1.7	0.58	0.75	0.078	0.37	0.47	ND
Fluorene	560	0.19	0.07	0.082	0.038	0.087	ND	0.022 J	0.026 J	ND
Indeno(1,2,3-cd)pyrene	0.9 / 0.9 / 1.6	0.46 J	0.43 J	0.83 J	0.19 J	0.4 J	0.029 J	0.075 J	0.099	ND
Naphthalene	1.8	0.057	0.046	0.1	ND	0.072	0.0062 J	0.21	0.17	ND
Phenanthrene	---	1.9	1.3	1.3	0.34	0.86	0.061	0.29	0.34	ND
Phenol	100	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	2300	1.8	1.4	2.5	1.4 J	1.9 J	0.23 J	0.42 J	0.44	ND

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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-50	ROW-52	ROW-54	ROW-55	ROW-56	ROW-57	ROW-58	ROW-58	ROW-101
Sample Date		5/27/2021	5/27/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/27/2021	5/24/2022
Field Sample ID		ROW-50(0-2)-052721	ROW-52(0-2)-052721	ROW-54(0-2)-052721	ROW-55(0-2)-052621	ROW-56(0-2)-052721	ROW-57(0-2)-052621	ROW-58(0-2)-052721	ROW-58(0-2)-052721D	ROW-101(0-4)-052422
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
<b>Total Metals (mg/kg)</b>										
Aluminum, Total	---	---	---	---	---	---	---	---	---	12000
Antimony, Total	5	0.64 J	1.1	0.74 J	0.69 J	1.1	0.51 J	1.1 J	0.7 J	0.37 J
Arsenic, Total	11.3 / 13.0	4	5.6	2.5	5.7	3.3	5.2	7.7 J	5.8	6.7 J
Barium, Total	1500	160	120	71	77	58	36	47	67	110
Beryllium, Total	22	0.75	0.59	0.38	0.61	0.4	0.53	0.67	0.57	0.78
Cadmium, Total	5.2	0.58	0.8	0.58	0.3	0.63	0.37	0.29 J	0.44	ND
Calcium, Total	---	140000 B	94000 B	170000 B	94000 B	140000 B	110000 B	84000 B	97000 B	2600
Chromium, Total	21	20	28	32	22	30	16	18 J	20	15
Cobalt, Total	20	5.9	8.3	3.4	11	6.2	7.9	11	9.5	11
Copper, Total	2900	25	35	36	23	800	21	27 J	27	13 B
Iron, Total	15000 / 15900	20000	21000	14000	21000	14000	18000	23000 J	20000	18000
Lead, Total	107	57	99	70	21	190	44	33 J	53	16
Magnesium, Total	325000	77000 B	55000 B	88000 B	54000	83000 B	63000	51000 B	57000 B	2600
Manganese, Total	630 / 636	590	470	470	490 B	500	390 B	410 J	410	360 F2
Mercury, Total	0.89	0.024	0.034	0.014 J	0.02	0.016 J	0.015 J	0.022	0.024	0.034
Nickel, Total	100	19	24	20	23	19	20	26	25	17
Potassium, Total	---	770	1200	650	1800	800	1400	1800 J	1400	1000 J
Selenium, Total	1.3	0.46 J	ND	ND	ND	ND	ND	ND	0.43 J	0.42 J
Silver, Total	4.4	0.42	0.32	0.23 J	0.34	0.54	0.27	0.41	0.31	0.41 J
Sodium, Total	---	1000	1400	740	1100 B	860	1100 B	1300 J	1200	1500 J
Thallium, Total	2.6	ND	ND	ND	0.89	ND	0.82	ND	ND	ND
Vanadium, Total	550	18	20	20	21	16	17	21 J	19	26
Zinc, Total	5100	140	200	180	98	310	85	91 J	120	45
<b>TCLP Metals (mg/l)</b>										
Arsenic, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	0.01 J
Barium, TCLP	2	0.57	0.55	0.51	0.48 J	0.47 J	0.45 J	0.53	0.47 J	0.53
Beryllium, TCLP	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, TCLP	0.005	0.0037 J	0.0034 J	0.004 J	ND	0.0028 J	0.0026 J	ND	ND	ND
Chromium, TCLP	0.1	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, TCLP	1	ND	ND	ND	ND	ND	ND	ND	ND	0.021 J
Copper, TCLP	0.65	ND	ND	0.02 J	ND	0.015 J	ND	ND	ND	ND
Iron, TCLP	5	ND	ND	ND	ND	ND	ND	ND	ND	0.39 J
Lead, TCLP	0.0075	0.0076	ND	ND	ND	ND	ND	ND	ND	ND
Manganese, TCLP	0.15	1.1	0.87	1.6	1.2	1.3	2.1	0.56 J	0.28 J	8.6
Mercury, TCLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, TCLP	0.1	0.01 J	0.011 J	0.03	ND	ND	0.02 J	ND	ND	ND
Selenium, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, TCLP	5	0.19 J	0.33 J	0.81	0.1 J	0.5	0.066 J	0.03 J	ND	0.025 J

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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-50	ROW-52	ROW-54	ROW-55	ROW-56	ROW-57	ROW-58	ROW-58	ROW-101
Sample Date		5/27/2021	5/27/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/27/2021	5/24/2022
Field Sample ID		ROW-50(0-2)-052721	ROW-52(0-2)-052721	ROW-54(0-2)-052721	ROW-55(0-2)-052621	ROW-56(0-2)-052721	ROW-57(0-2)-052621	ROW-58(0-2)-052721	ROW-58(0-2)-052721D	ROW-101(0-4)-052422
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
<b>SPLP Metals (mg/l)</b>										
Arsenic, SPLP	0.05	0.04 J	0.042 J	ND	0.067	0.02 J	0.059 J	0.083	0.096	0.033 J
Barium, SPLP	2	0.72	0.47 J	0.086 J	0.41 J	0.19 J	0.36 J	0.54	0.68	0.78
Beryllium, SPLP	0.004	0.0068	0.0053	ND	0.0068	ND	0.006 J	0.009	0.01	0.0048
Cadmium, SPLP	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium, SPLP	0.1	0.16	0.1	0.019 J	0.13	0.048	0.12 J	0.16	0.18	0.11
Cobalt, SPLP	1	0.035	0.033	ND	0.055	0.016 J	0.051 J	0.054	0.064	0.038
Copper, SPLP	0.65	0.14	0.13	0.049	0.16	0.074	0.15 J	0.21	0.24	0.076
Iron, SPLP	5	150	100	10	140	49	130	180	210	110
Lead, SPLP	0.0075	0.22	0.28	0.069	0.11	0.082	0.14 J	0.16	0.14	0.053
Manganese, SPLP	0.15	0.72	0.6	0.21	0.64	0.4	0.76 J	0.77	0.89	1.4
Mercury, SPLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, SPLP	0.1	0.11	0.1	0.02 J	0.16	0.051	0.14 J	0.2	0.24	0.08
Selenium, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, SPLP	5	0.68	0.59	0.24 J	0.39 J	0.32 J	0.42 J	0.49 J	0.57	0.33 J

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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-101	ROW-102	ROW-103	ROW-103	ROW-105	ROW-105	ROW-106	ROW-106	ROW-107
Sample Date		5/24/2022	5/24/2022	5/24/2022	5/24/2022	DW-105(0-4)-0524	DW-105(4-9)-0524	5/24/2022	5/24/2022	5/24/2022
Field Sample ID		ROW-101(4-9)-052422	ROW-102(4-9)-052422	ROW-103(0-4)-052422	ROW-103(4-9)-052422	5/24/2022	5/24/2022	ROW-106(0-4)-052422	ROW-106(4-9)-052422	ROW-107(0-4)-052422
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
Laboratory pH (s.u.)	<6.25; >9.0	8.1	8.4	7.1	7.9	7.3	7.9	8.0	8.0	7.5
<b>VOCs (mg/kg)</b>										
No Exceedances										
<b>SVOCs (mg/kg)</b>										
2,4,5-Trichlorophenol	26	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
3 & 4 Methylphenol	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	570	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	12000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.9 / 1.1 / 1.8	ND	ND	ND	0.0071 J	ND	0.0079 J	ND	ND	0.019 J
Benzo(a)pyrene	0.09 / 1.3 / 2.1	ND	ND	ND	0.013 J	ND	0.016 J	ND	ND	0.025 J
Benzo(b)fluoranthene	0.9 / 1.5 / 2.1	ND	ND	ND	0.027 J	ND	0.03 J	ND	ND	0.035 J
Benzo(g,h,i)perylene	---	ND	ND	ND	ND	ND	ND	ND	ND	0.019 J
Benzo(k)fluoranthene	9	ND	ND	ND	ND	ND	ND	ND	ND	0.014 J
bis(2-Ethylhexyl)phthalate	46	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate	930	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	88	ND	ND	ND	0.019 J	ND	0.013 J	ND	ND	0.027 J
Dibenzo(a,h)anthracene	0.09 / 0.2 / 0.42	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-N-Butyl phthalate	2300	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-N-Octyl phthalate	1600	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	3100	ND	ND	ND	0.021 J	0.0094 J	0.024 J	ND	ND	0.041
Fluorene	560	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.9 / 0.9 / 1.6	ND	ND	ND	0.013 J	ND	0.011 J	ND	ND	0.014 J
Naphthalene	1.8	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	---	ND	ND	ND	0.0084 J	ND	0.0075 J	ND	ND	0.013 J
Phenol	100	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	2300	ND	ND	ND	0.017 J	ND	0.018 J	ND	ND	0.033 J

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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-101	ROW-102	ROW-103	ROW-103	ROW-105	ROW-105	ROW-106	ROW-106	ROW-107
Sample Date		5/24/2022	5/24/2022	5/24/2022	5/24/2022	DW-105(0-4)-0524	DW-105(4-9)-0524	5/24/2022	5/24/2022	5/24/2022
Field Sample ID		ROW-101(4-9)-052422	ROW-102(4-9)-052422	ROW-103(0-4)-052422	ROW-103(4-9)-052422	5/24/2022	5/24/2022	ROW-106(0-4)-052422	ROW-106(4-9)-052422	ROW-107(0-4)-052422
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
<b>Total Metals (mg/kg)</b>										
Aluminum, Total	---	11000	11000	15000	9000	14000	9200	10000	9500	11000
Antimony, Total	5	0.46 J	0.5 J	0.32 J	0.35 J	0.4 J	0.65 J	0.45 J	0.31 J	0.25 J
Arsenic, Total	11.3 / 13.0	9.1	9.2	7.6	7.1	4.8	12	8	7.4	5.8
Barium, Total	1500	87	87	130	34	160	70	80	32	110
Beryllium, Total	22	0.81	0.83	0.82	0.68	0.85	0.73	0.74	0.73	0.81
Cadmium, Total	5.2	ND	ND	ND	ND	ND	ND	ND	ND	ND
Calcium, Total	---	18000	18000	3100	66000	3700	44000	65000	66000	35000 J
Chromium, Total	21	15	16	16	15	15	14	13	14	14
Cobalt, Total	20	13	15	12	12	9.7	11	14	13	9.3
Copper, Total	2900	21 B	22 B	13 B	20 B	16 B	22 B	21 B	20 B	15 B
Iron, Total	15000 / 15900	20000	21000	19000	18000	15000	24000	18000	19000	16000
Lead, Total	107	16	18	18	13	15	13	14	13	14
Magnesium, Total	325000	12000	11000	2800	25000	2600	20000	28000	27000	17000
Manganese, Total	630 / 636	530	610	430	350	330	560	630	290	390 J
Mercury, Total	0.89	0.038	0.043	0.055	0.023	0.045	0.029	0.052	0.025	0.035
Nickel, Total	100	32	36	15	28	15	28	32	30	20
Potassium, Total	---	1200	1200	760	2000	820	1200	1200	2100	970
Selenium, Total	1.3	ND	ND	0.69	ND	0.42 J	ND	ND	ND	ND
Silver, Total	4.4	0.36	0.41	0.37	0.23 J	0.47	0.34	0.27 J	0.23 J	0.3
Sodium, Total	---	1100	760	1500	680	1000	880	1500	700	1300 J
Thallium, Total	2.6	0.43 J	0.44 J	ND	ND	ND	ND	ND	0.43 J	ND
Vanadium, Total	550	23	23	31	17	28	21	22	17	21
Zinc, Total	5100	55	57	44	58	58	88	53	52	53
<b>TCLP Metals (mg/l)</b>										
Arsenic, TCLP	0.05	0.011 J	0.012 J	0.019 J	ND	0.013 J	ND	ND	ND	ND
Barium, TCLP	2	0.7	0.8	0.62	0.36 J	0.55	0.85	0.99	0.38 J	0.89
Beryllium, TCLP	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, TCLP	0.005	ND	ND	ND	ND	ND	ND	0.0026 J	ND	ND
Chromium, TCLP	0.1	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, TCLP	1	0.038	0.036	0.033	ND	0.019 J	0.024 J	0.03	ND	0.015 J
Copper, TCLP	0.65	ND	ND	ND	ND	ND	ND	ND	ND	ND
Iron, TCLP	5	ND	0.2 J	0.27 J	ND	0.28 J	ND	0.36 J	ND	ND
Lead, TCLP	0.0075	ND	ND	ND	ND	ND	ND	ND	ND	ND
Manganese, TCLP	0.15	13 J	20	10	0.7	5.2	9.8	11	0.83	5.4
Mercury, TCLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, TCLP	0.1	0.036	0.036	0.011 J	ND	ND	0.029	0.054	ND	ND
Selenium, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, TCLP	5	0.035 J	0.055 J	0.053 J	0.049 J	0.02 J	0.21 J	ND	ND	0.02 J

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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-101	ROW-102	ROW-103	ROW-103	ROW-105	ROW-105	ROW-106	ROW-106	ROW-107
Sample Date		5/24/2022	5/24/2022	5/24/2022	5/24/2022	DW-105(0-4)-0524	DW-105(4-9)-0524	5/24/2022	5/24/2022	5/24/2022
Field Sample ID		ROW-101(4-9)-052422	ROW-102(4-9)-052422	ROW-103(0-4)-052422	ROW-103(4-9)-052422	5/24/2022	5/24/2022	ROW-106(0-4)-052422	ROW-106(4-9)-052422	ROW-107(0-4)-052422
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
<b>SPLP Metals (mg/l)</b>										
Arsenic, SPLP	0.05	0.064	0.059	0.035 J	0.081	0.022 J	0.063	0.036 J	0.068	0.035 J
Barium, SPLP	2	0.71	0.61	0.7	0.33 J	0.75	0.49 J	0.79	0.29 J	0.65
Beryllium, SPLP	0.004	0.0071	0.0066	0.0042	0.0065	0.0046	0.0049	0.0054	0.0062	0.0052
Cadmium, SPLP	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium, SPLP	0.1	0.14	0.13	0.11	0.12	0.11	0.1	0.13	0.11	0.11
Cobalt, SPLP	1	0.065	0.064	0.033	0.041	0.024 J	0.044	0.045	0.062	0.03
Copper, SPLP	0.65	0.15	0.16	0.075	0.17	0.066	0.14	0.12	0.15	0.091
Iron, SPLP	5	150	140	110	150	91	120	120	140	110
Lead, SPLP	0.0075	0.076	0.072	0.049	0.08	0.042	0.057	0.043	0.083	0.058
Manganese, SPLP	0.15	1.7	0.95	1.6	0.5	1.2	1.1	1.5	0.6	1.2
Mercury, SPLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, SPLP	0.1	0.18	0.17	0.061	0.16	0.058	0.12	0.14	0.18	0.09
Selenium, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, SPLP	5	0.36 J	0.3 J	0.26 J	0.46 J	0.32 J	0.53	0.34 J	0.36 J	0.33 J

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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-107	ROW-107	ROW-108	ROW-108	ROW-109	ROW-109	ROW-110	ROW-110	ROW-111
Sample Date		5/24/2022	5/24/2022	5/24/2022	5/24/2022	5/13/2022	5/13/2022	5/13/2022	5/13/2022	5/24/2022
Field Sample ID		ROW-107(0-4)-052422D	ROW-107(4-9)-052422	ROW-108(0-4)-052422	ROW-108(4-9)-052422	ROW-109(0-4)-051322	ROW-109(4-9)-051322	ROW-110(0-4)-051322	ROW-110(4-9)-051322	ROW-111(0-4)-052422
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
Laboratory pH (s.u.)	<6.25; >9.0	7.4	7.5	7.2	7.9	7.7	6.8	8.4 J	7.9	7.7 J
<b>VOCs (mg/kg)</b>										
No Exceedances										
<b>SVOCs (mg/kg)</b>										
2,4,5-Trichlorophenol	26	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
3 & 4 Methylphenol	---	ND	ND	ND	ND	ND	0.14 J	ND	ND	ND
Acenaphthene	570	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	12000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.9 / 1.1 / 1.8	ND	0.0089 J	ND	ND	ND	0.0086 J	0.016 J	ND	ND
Benzo(a)pyrene	0.09 / 1.3 / 2.1	0.0097 J	0.022 J	ND	ND	ND	0.016 J	0.031 J	ND	ND
Benzo(b)fluoranthene	0.9 / 1.5 / 2.1	0.017 J	0.044 J	ND	ND	0.01 J	0.02 J	0.047	ND	ND
Benzo(g,h,i)perylene	---	ND	ND	ND	ND	ND	ND	0.013 J	0.014 J	ND
Benzo(k)fluoranthene	9	ND	ND	ND	ND	ND	ND	0.011 J	ND	ND
bis(2-Ethylhexyl)phthalate	46	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate	930	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	88	ND	0.018 J	ND	ND	ND	0.014 J	0.024 J	0.021 J	ND
Dibenzo(a,h)anthracene	0.09 / 0.2 / 0.42	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-N-Butyl phthalate	2300	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-N-Octyl phthalate	1600	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	3100	0.016 J	0.025 J	ND	ND	0.0097 J	0.028 J	0.049	ND	ND
Fluorene	560	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.9 / 0.9 / 1.6	ND	0.015 J	ND	ND	ND	ND	0.018 J	ND	ND
Naphthalene	1.8	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	---	0.0064 J	0.011 J	ND	ND	0.014 J	0.012 J	0.024 J	0.02 J	ND
Phenol	100	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	2300	0.011 J	0.026 J	ND	ND	0.015 J	0.027 J	0.053	0.022 J	ND



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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-107	ROW-107	ROW-108	ROW-108	ROW-109	ROW-109	ROW-110	ROW-110	ROW-111
Sample Date		5/24/2022	5/24/2022	5/24/2022	5/24/2022	5/13/2022	5/13/2022	5/13/2022	5/13/2022	5/24/2022
Field Sample ID		ROW-107(0-4)-052422D	ROW-107(4-9)-052422	ROW-108(0-4)-052422	ROW-108(4-9)-052422	ROW-109(0-4)-051322	ROW-109(4-9)-051322	ROW-110(0-4)-051322	ROW-110(4-9)-051322	ROW-111(0-4)-052422
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
<b>Total Metals (mg/kg)</b>										
Aluminum, Total	---	15000	9900	15000	9900	11000	11000	7600	8700	15000
Antimony, Total	5	0.31 J	0.34 J	0.4 J	0.56 J	0.44 J	0.55 J	0.46 J	0.68 J	0.72 J
Arsenic, Total	11.3 / 13.0	5.1	6.7	9.8	8.1	5.4 J	4.1	5.2	10	6.8
Barium, Total	1500	130	83	85	52	69	97	51	36	69
Beryllium, Total	22	0.83	0.65	0.99	0.75	0.68	0.65	0.54	0.71	0.99
Cadmium, Total	5.2	ND	ND	ND	ND	ND	0.16 J	ND	ND	ND
Calcium, Total	---	20000 J	6200	2200	69000	24000 BF2	4600 B	50000 B	69000 B	9500
Chromium, Total	21	15	15	20	14	15 B	16 B	14 B	16 B	19
Cobalt, Total	20	10	8.3	17	13	9.6	8.1	7	11	16
Copper, Total	2900	14 B	15 B	26 B	20 B	16 B	13 B	15 B	23 B	24 B
Iron, Total	15000 / 15900	16000	16000	26000	18000	15000 F2	13000	13000	19000	25000
Lead, Total	107	17	11	18	13	14	16	11	13	18
Magnesium, Total	325000	11000	5000	4200	26000	13000 F2	3100	19000	27000	6900
Manganese, Total	630 / 636	210 J	320	420	380	250 F2	310	350	350	380
Mercury, Total	0.89	0.034	0.03	0.043	0.027	0.028	0.038	0.041	0.026	0.043
Nickel, Total	100	16	23	41	31	20	14	18	27	36
Potassium, Total	---	980	800	1700	1900	1400 J	1000	1200	2200	1700
Selenium, Total	1.3	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, Total	4.4	0.36	0.43	0.46	0.22 J	0.22 J	0.25 J	0.17 J	0.17 J	ND
Sodium, Total	---	2800 J	780	470	400	570	200	860	840	500
Thallium, Total	2.6	0.35 J	ND	0.87	0.47 J	0.41 J	0.35 J	ND	0.52 J	ND
Vanadium, Total	550	30	22	28	18	23	28	18	19	27
Zinc, Total	5100	59	65	73	52	50	51	56	52	65
<b>TCLP Metals (mg/l)</b>										
Arsenic, TCLP	0.05	0.01 J	ND	0.011 J	ND	ND	0.016 J	ND	ND	0.01 J
Barium, TCLP	2	0.87	0.53	0.43 J	0.44 J	0.31 J	0.58	0.72	0.53	0.52
Beryllium, TCLP	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, TCLP	0.005	ND	ND	ND	ND	ND	ND	0.0027 J	0.0033 J	ND
Chromium, TCLP	0.1	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, TCLP	1	0.018 J	ND	0.014 J	ND	0.026	0.045	0.044	0.048	0.018 J
Copper, TCLP	0.65	ND	ND	ND	ND	ND	ND	ND	ND	ND
Iron, TCLP	5	ND	ND	0.36 J	ND	0.2 J	3	ND	ND	ND
Lead, TCLP	0.0075	ND	ND	ND	ND	ND	ND	ND	ND	ND
Manganese, TCLP	0.15	6.1	1.6	5.2	2.4	3.8	7.7	5	4.1	12
Mercury, TCLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, TCLP	0.1	ND	0.033	0.011 J	ND	0.01 J	0.018 J	0.046	0.031	ND
Selenium, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, TCLP	5	ND	ND	0.035 J	ND	ND	0.083 J	0.069 J	ND	0.022 J

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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-107	ROW-107	ROW-108	ROW-108	ROW-109	ROW-109	ROW-110	ROW-110	ROW-111
Sample Date		5/24/2022	5/24/2022	5/24/2022	5/24/2022	5/13/2022	5/13/2022	5/13/2022	5/13/2022	5/24/2022
Field Sample ID		ROW-107(0-4)-052422D	ROW-107(4-9)-052422	ROW-108(0-4)-052422	ROW-108(4-9)-052422	ROW-109(0-4)-051322	ROW-109(4-9)-051322	ROW-110(0-4)-051322	ROW-110(4-9)-051322	ROW-111(0-4)-052422
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
<b>SPLP Metals (mg/l)</b>										
Arsenic, SPLP	0.05	0.038 J	0.062	0.054	0.067	0.037 J	0.018 J	0.075	0.083	0.064
Barium, SPLP	2	0.74	0.43 J	0.46 J	0.42 J	0.48 J	0.52	0.47 J	0.35 J	0.52
Beryllium, SPLP	0.004	0.0057	0.0054	0.0052	0.0067	0.0056	ND	0.0071	0.0069	0.0088
Cadmium, SPLP	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium, SPLP	0.1	0.13	0.13	0.1	0.13	0.12	0.084	0.13	0.13	0.15
Cobalt, SPLP	1	0.038	0.023 J	0.044	0.065	0.04	0.026	0.045	0.038	0.066
Copper, SPLP	0.65	0.09	0.098	0.1	0.16	0.12	0.08	0.17	0.17	0.18
Iron, SPLP	5	120	140	110	140	120	71	160	160	200
Lead, SPLP	0.0075	0.073	0.036	0.054	0.056	0.082	0.053	0.072	0.072	0.092
Manganese, SPLP	0.15	1.1	0.46	0.97	1	1.2	1.1	0.74	0.47	2.1
Mercury, SPLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, SPLP	0.1	0.088	0.092	0.12	0.18	0.1	0.05	0.15	0.14	0.19
Selenium, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, SPLP	5	0.36 J	0.4 J	0.29 J	0.41 J	0.32 J	0.26 J	0.39 J	0.37 J	0.39 J

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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-111	ROW-112	ROW-112	ROW-114	ROW-114	ROW-114	ROW-115	ROW-115	ROW-115
Sample Date		5/24/2022	5/24/2022	5/24/2022	5/24/2022	5/24/2022	5/24/2022	5/13/2022	5/13/2022	5/13/2022
Field Sample ID		ROW-111(4-9)-052422	ROW-112(0-4)-052422	ROW-112(4-9)-052422	ROW-114(0-4)-052422	ROW-114(0-4)-052422D	ROW-114(4-9)-052422	ROW-115(0-4)-051322	ROW-115(0-4)-051322D	ROW-115(4-9)-051322
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
Laboratory pH (s.u.)	<6.25; >9.0	8.0	7.7	7.9	8.1	8.1	7.8	7.9	8.2	8.4
<b>VOCs (mg/kg)</b>										
No Exceedances										
<b>SVOCs (mg/kg)</b>										
2,4,5-Trichlorophenol	26	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
3 & 4 Methylphenol	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	570	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	12000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.9 / 1.1 / 1.8	0.0086 J	ND	0.0093 J	ND	ND	ND	ND	0.0084 J	ND
Benzo(a)pyrene	0.09 / 1.3 / 2.1	0.013 J	ND	0.01 J	ND	ND	0.0083 J	ND	0.018 J	ND
Benzo(b)fluoranthene	0.9 / 1.5 / 2.1	0.012 J	ND	0.018 J	ND	ND	0.015 J	0.011 J	0.03 J	0.0091 J
Benzo(g,h,i)perylene	---	ND	ND	ND	ND	ND	ND	ND	0.014 J	ND
Benzo(k)fluoranthene	9	ND	ND	ND	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	46	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate	930	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	88	ND	ND	0.013 J	ND	ND	0.011 J	ND	0.023 J	ND
Dibenzo(a,h)anthracene	0.09 / 0.2 / 0.42	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-N-Butyl phthalate	2300	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-N-Octyl phthalate	1600	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	3100	0.021 J	ND	0.024 J	ND	ND	0.013 J	ND	0.017 J	ND
Fluorene	560	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.9 / 0.9 / 1.6	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	1.8	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	---	0.011 J	ND	0.012 J	ND	ND	0.0075 J	ND	0.018 J	ND
Phenol	100	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	2300	0.017 J	ND	0.016 J	ND	ND	0.013 J	0.011 J	0.029 J	ND

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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-111	ROW-112	ROW-112	ROW-114	ROW-114	ROW-114	ROW-115	ROW-115	ROW-115
Sample Date		5/24/2022	5/24/2022	5/24/2022	5/24/2022	5/24/2022	5/24/2022	5/13/2022	5/13/2022	5/13/2022
Field Sample ID		ROW-111(4-9)-052422	ROW-112(0-4)-052422	ROW-112(4-9)-052422	ROW-114(0-4)-052422	ROW-114(0-4)-052422D	ROW-114(4-9)-052422	ROW-115(0-4)-051322	ROW-115(0-4)-051322D	ROW-115(4-9)-051322
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
<b>Total Metals (mg/kg)</b>										
Aluminum, Total	---	7100	11000	11000	12000	11000	10000	10000	9100	9500
Antimony, Total	5	0.32 J	0.29 J	0.36 J	0.37 J	0.35 J	0.41 J	0.73 J	0.65 J	0.67 J
Arsenic, Total	11.3 / 13.0	7.8	5.7	5.6	9.1	9.4	7.5	6.3	10	7.8
Barium, Total	1500	30	140	85	81	55	65	45	67	41
Beryllium, Total	22	0.6	0.84	0.81	0.9	0.78	0.78	0.71	0.75	0.77
Cadmium, Total	5.2	ND	ND	ND	0.13 J	ND	ND	ND	ND	ND
Calcium, Total	---	110000	6900	60000	13000 B	5400 J	44000	43000 B	66000 B	81000 B
Chromium, Total	21	10	14	16	16	15	15	15 B	15 B	15 B
Cobalt, Total	20	10	13	12	13	15	12	11	13	13
Copper, Total	2900	22 B	16 B	22 B	21	26	22	18 B	20 B	23 B
Iron, Total	15000 / 15900	18000	17000	23000	23000 B	20000 B	19000 B	16000	19000	19000
Lead, Total	107	13	17	13	17	16	14	16	26	14
Magnesium, Total	325000	48000	5200	23000	7900 J	22000 J	24000	17000	25000	29000
Manganese, Total	630 / 636	390	470	480	260 B	410 B	440 B	350	470	350
Mercury, Total	0.89	0.027	0.055	0.024	0.027	0.021	0.021	0.03	0.041	0.026
Nickel, Total	100	24	30	32	33	30	32	25	26	29
Potassium, Total	---	1400	630	2100	1400 B	1700 B	1800 B	1700	1800	2200
Selenium, Total	1.3	ND	ND	ND	0.32 J	ND	ND	ND	ND	ND
Silver, Total	4.4	0.23 J	0.61	0.24 J	0.4	0.24 J	0.31	0.25 J	0.21 J	0.2 J
Sodium, Total	---	400	680	560	600 B	970 B	620 B	1200	1100	450
Thallium, Total	2.6	0.28 J	ND	0.34 J	0.38 J	0.56 J	0.47 J	0.37 J	0.57	0.54 J
Vanadium, Total	550	14	28	19	23	22	20	22	20	19
Zinc, Total	5100	49	55	54	58 J	59 B	56 B	52	58	51
<b>TCLP Metals (mg/l)</b>										
Arsenic, TCLP	0.05	ND	0.01 J	ND	ND	ND	ND	ND	ND	ND
Barium, TCLP	2	0.28 J	0.84	0.83	0.71	0.68	0.74	0.67	0.69	0.44 J
Beryllium, TCLP	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, TCLP	0.005	ND	ND	ND	ND	ND	ND	0.0024 J	0.0027 J	0.0031 J
Chromium, TCLP	0.1	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, TCLP	1	0.011 J	0.023 J	ND	0.01 J	0.013 J	0.014 J	0.039	0.058	0.046
Copper, TCLP	0.65	ND	ND	ND	ND	ND	ND	ND	ND	ND
Iron, TCLP	5	ND	ND	ND	ND	ND	ND	ND	0.2 J	0.21 J
Lead, TCLP	0.0075	ND	ND	ND	ND	ND	ND	ND	ND	ND
Manganese, TCLP	0.15	2.6	6.9	1.1	5.3	4.7	5.9	5.2	4.8	4.2
Mercury, TCLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, TCLP	0.1	0.012 J	0.029	ND	ND	0.012 J	0.013 J	0.044	0.042	0.031
Selenium, TCLP	0.05	ND	ND	ND	ND	ND	0.021 J	ND	ND	ND
Silver, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, TCLP	5	ND	0.064 J	ND	0.055 J	ND	0.022 J	0.077 J	0.06 J	ND

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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-111	ROW-112	ROW-112	ROW-114	ROW-114	ROW-114	ROW-115	ROW-115	ROW-115
Sample Date		5/24/2022	5/24/2022	5/24/2022	5/24/2022	5/24/2022	5/24/2022	5/13/2022	5/13/2022	5/13/2022
Field Sample ID		ROW-111(4-9)-052422	ROW-112(0-4)-052422	ROW-112(4-9)-052422	ROW-114(0-4)-052422	ROW-114(0-4)-052422D	ROW-114(4-9)-052422	ROW-115(0-4)-051322	ROW-115(0-4)-051322D	ROW-115(4-9)-051322
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
<b>SPLP Metals (mg/l)</b>										
Arsenic, SPLP	0.05	0.071	0.026 J	0.029 J	0.1	0.13	0.057	0.091	0.072	0.09
Barium, SPLP	2	0.22 J	0.79	0.35 J	0.78	0.83	0.6	0.72	0.69	0.48 J
Beryllium, SPLP	0.004	0.0055	0.0067	0.005	0.01	0.013	0.0078	0.0097	0.0082	0.0092
Cadmium, SPLP	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium, SPLP	0.1	0.094	0.13	0.09	0.18	0.23	0.15	0.19	0.17	0.16
Cobalt, SPLP	1	0.06	0.047	0.027	0.091	0.12	0.07	0.05	0.043	0.071
Copper, SPLP	0.65	0.17	0.11	0.1	0.19	0.25	0.14	0.2	0.17	0.21
Iron, SPLP	5	130	130	130	230	290	150	210	180	200
Lead, SPLP	0.0075	0.081	0.053	0.043	0.11	0.13	0.067	0.094	0.13	0.11
Manganese, SPLP	0.15	0.84	1.7	0.85	1.9	2.1	1.2	0.74	0.68	0.86
Mercury, SPLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, SPLP	0.1	0.15	0.14	0.097	0.24	0.33	0.18	0.19	0.16	0.22
Selenium, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, SPLP	5	0.35 J	0.34 J	0.21 J	0.51	0.63	0.37 J	0.54	0.54	0.47 J

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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-116	ROW-116	ROW-117	ROW-117	ROW-118	ROW-118	ROW-120	ROW-120	ROW-122
Sample Date		5/13/2022	5/13/2022	5/24/2022	5/24/2022	5/25/2022	5/25/2022	5/13/2022	5/13/2022	5/13/2022
Field Sample ID		ROW-116(0-4)-051322	ROW-116(4-9)-051322	ROW-117(0-4)-052422	ROW-117(4-9)-052422	ROW-118(0-4)-052522	ROW-118(4-9)-052522	ROW-120(0-4)-051322	ROW-120(4-9)-051322	ROW-122(0-4)-051322
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
Laboratory pH (s.u.)	<6.25; >9.0	8.5	8.0	8.1	7.9	7.5	8.5	8.3	8.1	8.1
<b>VOCs (mg/kg)</b>										
No Exceedances										
<b>SVOCs (mg/kg)</b>										
2,4,5-Trichlorophenol	26	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	---	ND	ND	ND	ND	ND	ND	0.0095 J	ND	ND
3 & 4 Methylphenol	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	570	ND	ND	ND	ND	ND	ND	ND	ND	0.0077 J
Acenaphthylene	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	12000	ND	ND	ND	0.017 J	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.9 / 1.1 / 1.8	ND	0.0071 J	ND	0.064	ND	ND	ND	ND	ND
Benzo(a)pyrene	0.09 / 1.3 / 2.1	ND	0.014 J	ND	0.074	0.0086 J	ND	ND	ND	ND
Benzo(b)fluoranthene	0.9 / 1.5 / 2.1	ND	0.01 J	ND	0.13	0.017 J	0.014 J	ND	0.0087 J	0.012 J
Benzo(g,h,i)perylene	---	ND	ND	ND	0.037 J	ND	ND	0.017 J	ND	ND
Benzo(k)fluoranthene	9	ND	ND	ND	0.053 J	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	46	ND	ND	ND	ND	ND	ND	ND	0.085 J	ND
Butyl benzyl phthalate	930	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	88	ND	ND	ND	0.097	ND	0.014 J	0.023 J	0.013 J	0.015 J
Dibenzo(a,h)anthracene	0.09 / 0.2 / 0.42	ND	ND	ND	0.0094 J	ND	ND	ND	ND	ND
Dibenzofuran	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-N-Butyl phthalate	2300	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-N-Octyl phthalate	1600	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	3100	ND	0.018 J	ND	0.21	0.015 J	ND	ND	ND	0.075
Fluorene	560	ND	ND	ND	0.0052 J	ND	ND	ND	ND	0.018 J
Indeno(1,2,3-cd)pyrene	0.9 / 0.9 / 1.6	ND	ND	ND	0.034 J	ND	ND	ND	ND	ND
Naphthalene	1.8	ND	ND	ND	ND	0.0084 J	ND	ND	ND	ND
Phenanthrene	---	ND	0.0091 J	ND	0.1	0.012 J	ND	0.037	0.014 J	0.043
Phenol	100	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	2300	0.0093 J	0.022 J	ND	0.17	0.017 J	0.012 J	0.023 J	0.018 J	0.074

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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-116	ROW-116	ROW-117	ROW-117	ROW-118	ROW-118	ROW-120	ROW-120	ROW-122
Sample Date		5/13/2022	5/13/2022	5/24/2022	5/24/2022	5/25/2022	5/25/2022	5/13/2022	5/13/2022	5/13/2022
Field Sample ID		ROW-116(0-4)-051322	ROW-116(4-9)-051322	ROW-117(0-4)-052422	ROW-117(4-9)-052422	ROW-118(0-4)-052522	ROW-118(4-9)-052522	ROW-120(0-4)-051322	ROW-120(4-9)-051322	ROW-122(0-4)-051322
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
<b>Total Metals (mg/kg)</b>										
Aluminum, Total	---	9900	11000	8700	4300	13000	8600	8500	4400	8300
Antimony, Total	5	0.52 J	0.77 J	0.41 J	0.43 J	ND	0.34 J	0.62 J	0.44 J	0.65 J
Arsenic, Total	11.3 / 13.0	7.4	9	9.7	8.8	6	6.7	5.7	5.1	7.6
Barium, Total	1500	71	70	44	32	82	28	25	21	41
Beryllium, Total	22	0.73	0.88	0.7	0.44	0.81	0.68	0.65	0.43	0.69
Cadmium, Total	5.2	ND	ND	ND	ND	ND	ND	ND	ND	ND
Calcium, Total	---	31000 B	13000 B	100000	100000	3100 B	69000	66000 B	150000 B	56000 B
Chromium, Total	21	16 B	20 B	12	9.2	16	21	15 B	7.9 B	13 B
Cobalt, Total	20	11	14	12	9.9	12	13	9.6	6	11
Copper, Total	2900	24 B	23 B	29	25	16	23	20 B	11 B	20 B
Iron, Total	15000 / 15900	18000	22000	20000 B	26000	18000 B	18000 B	16000	13000	18000
Lead, Total	107	17	16	14	12	16	14	12	6.6	14
Magnesium, Total	325000	15000	8900	31000	50000	2900	26000	24000	90000	23000
Manganese, Total	630 / 636	370	490	450 B	370 B	430 B	420 B	290	330	440
Mercury, Total	0.89	0.034 J	0.032	0.036	0.016 J	0.032	0.015 J	0.023	0.022	0.027
Nickel, Total	100	27	34	28	21	20	29	27	14	27
Potassium, Total	---	1600	1900	1400 B	1000 B	1000 B	1900 B	2200	1300	1600
Selenium, Total	1.3	ND	ND	ND	ND	0.37 J	ND	0.48 J	ND	ND
Silver, Total	4.4	0.24 J	0.34	0.26 J	0.11 J	0.41	0.2 J	0.22 J	ND	0.21 J
Sodium, Total	---	1200	560	770 B	440 B	1400 B	550 B	670	390	1600
Thallium, Total	2.6	0.43 J	0.43 J	0.62	0.35 J	0.7	0.45 J	0.51 J	ND	0.55 J
Vanadium, Total	550	24	29	19	11	27	17	12	12	19
Zinc, Total	5100	52	66	72 B	62 B	58 B	53 B	46	25	45
<b>TCLP Metals (mg/l)</b>										
Arsenic, TCLP	0.05	ND	ND	ND	ND	0.012 J	ND	ND	ND	ND
Barium, TCLP	2	0.72	0.59	0.53	0.28 J	0.64	0.24 J	0.38 J	0.41 J	0.6
Beryllium, TCLP	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, TCLP	0.005	0.0027 J	ND	ND	0.0024 J	ND	ND	0.0032 J	0.0026 J	ND
Chromium, TCLP	0.1	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, TCLP	1	0.058	ND	ND	0.016 J	0.022 J	ND	0.055	0.072	0.048
Copper, TCLP	0.65	ND	ND	ND	ND	ND	ND	0.01 J	ND	ND
Iron, TCLP	5	ND	ND	ND	ND	0.41	ND	0.23 J	ND	0.44
Lead, TCLP	0.0075	ND	ND	ND	ND	ND	ND	ND	ND	ND
Manganese, TCLP	0.15	6.7	0.7	4.5	1.9	12	1.3	4.3	5.1	10
Mercury, TCLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, TCLP	0.1	0.062	0.014 J	0.018 J	0.018 J	ND	ND	0.048	0.062	0.054
Selenium, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, TCLP	5	0.025 J	0.032 J	ND	0.047 J	ND	ND	0.063 J	0.043 J	0.027 J

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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-116	ROW-116	ROW-117	ROW-117	ROW-118	ROW-118	ROW-120	ROW-120	ROW-122
Sample Date		5/13/2022	5/13/2022	5/24/2022	5/24/2022	5/25/2022	5/25/2022	5/13/2022	5/13/2022	5/13/2022
Field Sample ID		ROW-116(0-4)-051322	ROW-116(4-9)-051322	ROW-117(0-4)-052422	ROW-117(4-9)-052422	ROW-118(0-4)-052522	ROW-118(4-9)-052522	ROW-120(0-4)-051322	ROW-120(4-9)-051322	ROW-122(0-4)-051322
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
<b>SPLP Metals (mg/l)</b>										
Arsenic, SPLP	0.05	0.074	0.057	0.083	0.067	0.051	0.11	0.06	0.06	0.087
Barium, SPLP	2	0.45 J	0.49 J	0.47 J	0.15 J	0.76	0.39 J	0.3 J	0.14 J	0.47 J
Beryllium, SPLP	0.004	0.0075	0.0068	0.008	0.0042	0.0068	0.011	0.0066	0.0043	0.0083
Cadmium, SPLP	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium, SPLP	0.1	0.17	0.14	0.15	0.075	0.14	0.19	0.12	0.088	0.15
Cobalt, SPLP	1	0.042	0.029	0.078	0.043	0.057	0.059	0.049	0.026	0.069
Copper, SPLP	0.65	0.16	0.13	0.2	0.14	0.11	0.3	0.15	0.13	0.21
Iron, SPLP	5	170	160	190	100	150	240	130	120	190
Lead, SPLP	0.0075	0.064	0.047	0.076	0.042	0.076	0.12	0.076	0.044	0.12
Manganese, SPLP	0.15	0.68	0.69	1.6	0.46	2.7	0.9	0.66	0.33	1.7
Mercury, SPLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, SPLP	0.1	0.15	0.11	0.21	0.12	0.13	0.24	0.15	0.093	0.19
Selenium, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, SPLP	5	0.42 J	0.34 J	0.44 J	0.37 J	0.42 J	0.6	0.3 J	0.25 J	0.42 J



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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-122	ROW-123	ROW-123	ROW-124	ROW-124	ROW-124	ROW-126	ROW-126	ROW-127
Sample Date		5/13/2022	5/25/2022	5/25/2022	5/12/2022	5/12/2022	5/12/2022	5/25/2022	5/25/2022	5/25/2022
Field Sample ID		ROW-122(4-9)-051322	ROW-123(0-4)-052522	ROW-123(4-9)-052522	ROW-124(0-4)-051222	ROW-124(0-4)-051222D	ROW-124(4-9)-051222	ROW-126(0-4)-052522	ROW-126(4-9)-052522	ROW-127(0-4)-052522
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
Laboratory pH (s.u.)	<6.25; >9.0	8.7	8.4	8.2	8.1	8.3	7.6	8.6	8.1 J	8.4
<b>VOCs (mg/kg)</b>										
No Exceedances										
<b>SVOCs (mg/kg)</b>										
2,4,5-Trichlorophenol	26	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	---	ND	ND	ND	ND	ND	ND	ND	0.042 J	ND
3 & 4 Methylphenol	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	570	ND	ND	ND	ND	ND	ND	ND	0.041	ND
Acenaphthylene	---	ND	ND	ND	ND	ND	ND	ND	0.011 J	ND
Anthracene	12000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.9 / 1.1 / 1.8	ND	ND	0.02 J	ND	ND	ND	ND	0.0092 J	ND
Benzo(a)pyrene	0.09 / 1.3 / 2.1	ND	ND	0.032 J	ND	ND	ND	ND	0.014 J	ND
Benzo(b)fluoranthene	0.9 / 1.5 / 2.1	ND	0.0084 J	0.057	ND	ND	ND	0.01 J	0.028 J	ND
Benzo(g,h,i)perylene	---	ND	ND	0.018 J	ND	ND	ND	ND	0.012 J	ND
Benzo(k)fluoranthene	9	ND	ND	0.012 J	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	46	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate	930	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	88	ND	ND	0.039	ND	ND	ND	ND	0.029 J	ND
Dibenzo(a,h)anthracene	0.09 / 0.2 / 0.42	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-N-Butyl phthalate	2300	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-N-Octyl phthalate	1600	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	3100	ND	ND	0.066	0.015 J	0.013 J	ND	ND	0.031 J	ND
Fluorene	560	ND	ND	ND	ND	ND	ND	ND	0.037	ND
Indeno(1,2,3-cd)pyrene	0.9 / 0.9 / 1.6	ND	ND	0.013 J	ND	ND	ND	ND	ND	ND
Naphthalene	1.8	ND	ND	ND	ND	ND	ND	ND	0.013 J	ND
Phenanthrene	---	ND	ND	0.055	ND	0.0075 J	ND	ND	0.083	ND
Phenol	100	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	2300	ND	ND	0.055	0.018 J	0.0089 J	ND	0.012 J	0.033 J	ND

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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-122	ROW-123	ROW-123	ROW-124	ROW-124	ROW-124	ROW-126	ROW-126	ROW-127
Sample Date		5/13/2022	5/25/2022	5/25/2022	5/12/2022	5/12/2022	5/12/2022	5/25/2022	5/25/2022	5/25/2022
Field Sample ID		ROW-122(4-9)-051322	ROW-123(0-4)-052522	ROW-123(4-9)-052522	ROW-124(0-4)-051222	ROW-124(0-4)-051222D	ROW-124(4-9)-051222	ROW-126(0-4)-052522	ROW-126(4-9)-052522	ROW-127(0-4)-052522
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
<b>Total Metals (mg/kg)</b>										
Aluminum, Total	---	9600	9900	9000	8700 B	12000 B	10000 B	11000	8100	11000
Antimony, Total	5	0.53 J	0.39 J	0.27 J	ND	ND	ND	0.48 J	0.37 J	0.31 J
Arsenic, Total	11.3 / 13.0	6	8.2	7.4	5.5	5	8.4	8.5	10	7.5
Barium, Total	1500	30	35	37	56 J	100 J	54	48	36	47
Beryllium, Total	22	0.74	0.79	0.7	0.41	0.58	0.53	0.88	0.72	0.82
Cadmium, Total	5.2	ND	ND	ND	ND	0.19 J	ND	ND	ND	ND
Calcium, Total	---	73000 B	65000	66000	65000 J	17000 J	26000 B	52000	66000	85000
Chromium, Total	21	17 B	15	14	11 J	15 B	15 B	16	14	16
Cobalt, Total	20	8.9	12	18	8.1	13	9.4	13	24	12
Copper, Total	2900	21 B	23	22	13 B	16 B	21 B	23	20	17
Iron, Total	15000 / 15900	17000	20000 B	18000 B	13000 B	17000 B	21000 B	20000 B	20000 B	19000 B
Lead, Total	107	13	14	13	12	16	15	14	15	13
Magnesium, Total	325000	25000	26000	27000	29000 J	9400 J	16000 B	25000	28000	24000
Manganese, Total	630 / 636	300	370 B	430 B	430 B	300 B	300 B	340 B	550 B	260 B
Mercury, Total	0.89	0.026	0.012 J	0.016 J	0.029	0.036	0.035	0.02	0.015 J	0.016 J
Nickel, Total	100	26	31	32	16	26	23	32	39	26
Potassium, Total	---	2600	2100 B	2000 B	970	1400	1500	2200 B	1800 B	2100 B
Selenium, Total	1.3	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, Total	4.4	0.21 J	0.21 J	0.23 J	ND	ND	ND	0.23 J	0.16 J	0.26 J
Sodium, Total	---	720	1000 B	550 B	730	1200	740	910 B	370 B	1200 B
Thallium, Total	2.6	0.4 J	0.59	0.54 J	ND	0.36 J	0.54 J	0.56 J	0.71	ND
Vanadium, Total	550	19	18	16	18	23	23	20	16	20
Zinc, Total	5100	46	59 B	58 B	35 B	53 B	53 B	56 B	60 B	56 B
<b>TCLP Metals (mg/l)</b>										
Arsenic, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Barium, TCLP	2	0.27 J	0.4 J	0.33 J	0.75	0.83	0.45 J	0.46 J	0.3 J	0.27 J
Beryllium, TCLP	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, TCLP	0.005	0.0028 J	ND	ND	ND	ND	ND	ND	ND	ND
Chromium, TCLP	0.1	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, TCLP	1	0.046	ND	ND	0.03	0.035	0.014 J	ND	ND	ND
Copper, TCLP	0.65	ND	ND	ND	ND	ND	ND	ND	ND	ND
Iron, TCLP	5	0.2 J	ND	ND	0.6	0.87	0.21 J	ND	0.21 J	ND
Lead, TCLP	0.0075	ND	ND	ND	ND	ND	ND	ND	ND	ND
Manganese, TCLP	0.15	3.9	0.48	1.3	7.9	10	4.2	0.33	2.5	0.64
Mercury, TCLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, TCLP	0.1	0.034	ND	ND	0.018 J	0.021 J	0.013 J	ND	0.011 J	ND
Selenium, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, TCLP	5	0.026 J	ND	ND	0.035 J	0.18 J	0.044 J	0.026 J	0.032 J	ND

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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-122	ROW-123	ROW-123	ROW-124	ROW-124	ROW-124	ROW-126	ROW-126	ROW-127
Sample Date		5/13/2022	5/25/2022	5/25/2022	5/12/2022	5/12/2022	5/12/2022	5/25/2022	5/25/2022	5/25/2022
Field Sample ID		ROW-122(4-9)-051322	ROW-123(0-4)-052522	ROW-123(4-9)-052522	ROW-124(0-4)-051222	ROW-124(0-4)-051222D	ROW-124(4-9)-051222	ROW-126(0-4)-052522	ROW-126(4-9)-052522	ROW-127(0-4)-052522
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
<b>SPLP Metals (mg/l)</b>										
Arsenic, SPLP	0.05	0.052	0.13	0.12	0.067	0.048 J	0.079	0.11	0.098	0.11
Barium, SPLP	2	0.21 J	0.5	0.42 J	0.76	0.6	0.53	0.65	0.36 J	0.72
Beryllium, SPLP	0.004	0.0048	0.011	0.011	0.0078	0.0061	0.0092	0.013	0.0089	0.012
Cadmium, SPLP	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium, SPLP	0.1	0.092	0.2	0.2	0.15	0.12	0.19	0.23	0.17	0.21
Cobalt, SPLP	1	0.024 J	0.089	0.069	0.068	0.052	0.066	0.08	0.055	0.076
Copper, SPLP	0.65	0.14	0.27	0.27	0.18	0.14	0.19	0.22	0.23	0.24
Iron, SPLP	5	110	250	240	170	130	200	250	200	250
Lead, SPLP	0.0075	0.056	0.1	0.13	0.12	0.094	0.1	0.11	0.087	0.1
Manganese, SPLP	0.15	0.4	0.93	0.87	1.5	1.5	1.5	0.87	1	0.89
Mercury, SPLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, SPLP	0.1	0.1	0.28	0.26	0.16	0.12	0.22	0.27	0.21	0.25
Selenium, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, SPLP	5	0.25 J	0.62	0.68	0.43 J	0.38 J	0.49 J	0.53	0.55	0.58

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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-127	ROW-127	ROW-128	ROW-128	ROW-131	ROW-131	ROW-131	ROW-133	ROW-133
Sample Date		5/25/2022	5/25/2022	5/25/2022	5/25/2022	5/13/2022	5/13/2022	5/13/2022	5/25/2022	5/25/2022
Field Sample ID		ROW-127(0-4)-052522D	ROW-127(4-9)-052522	ROW-128(0-4)-052522	ROW-128(4-9)-052522	ROW-131(0-6)-051322	ROW-131(6-12)-051322	ROW-131(12-18)-051322	ROW-133(0-4)-052522	ROW-133(4-9)-052522
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
Laboratory pH (s.u.)	<6.25; >9.0	8.2	7.9	8.7	7.9	8.6	7.6	7.1	7.8	6.9
<b>VOCs (mg/kg)</b>										
No Exceedances										
<b>SVOCs (mg/kg)</b>										
2,4,5-Trichlorophenol	26	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
3 & 4 Methylphenol	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	570	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	12000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.9 / 1.1 / 1.8	ND	0.013 J	ND	0.006 J	ND	0.009 J	ND	ND	ND
Benzo(a)pyrene	0.09 / 1.3 / 2.1	ND	0.017 J	ND	ND	ND	0.016 J	ND	ND	ND
Benzo(b)fluoranthene	0.9 / 1.5 / 2.1	ND	0.036 J	ND	0.023 J	ND	0.021 J	ND	ND	ND
Benzo(g,h,i)perylene	---	ND	0.017 J	ND	0.016 J	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	9	ND	ND	ND	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	46	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate	930	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	88	ND	0.034 J	ND	0.027 J	ND	0.016 J	ND	ND	ND
Dibenzo(a,h)anthracene	0.09 / 0.2 / 0.42	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-N-Butyl phthalate	2300	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-N-Octyl phthalate	1600	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	3100	ND	0.037	ND	0.011 J	ND	0.025 J	0.0092 J	0.014 J	ND
Fluorene	560	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.9 / 0.9 / 1.6	ND	0.01 J	ND	ND	ND	0.01 J	ND	ND	ND
Naphthalene	1.8	ND	ND	ND	ND	ND	ND	ND	0.0062 J	ND
Phenanthrene	---	ND	0.044	ND	0.012 J	ND	0.0079 J	ND	0.0065 J	ND
Phenol	100	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	2300	ND	0.047	0.0099 J	0.023 J	ND	0.015 J	ND	ND	ND

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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-127	ROW-127	ROW-128	ROW-128	ROW-131	ROW-131	ROW-131	ROW-133	ROW-133
Sample Date		5/25/2022	5/25/2022	5/25/2022	5/25/2022	5/13/2022	5/13/2022	5/13/2022	5/25/2022	5/25/2022
Field Sample ID		ROW-127(0-4)-052522D	ROW-127(4-9)-052522	ROW-128(0-4)-052522	ROW-128(4-9)-052522	ROW-131(0-6)-051322	ROW-131(6-12)-051322	ROW-131(12-18)-051322	ROW-133(0-4)-052522	ROW-133(4-9)-052522
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
<b>Total Metals (mg/kg)</b>										
Aluminum, Total	---	10000	9300	6100	8700	11000	11000	12000	11000	16000
Antimony, Total	5	0.45 J	0.35 J	0.39 J	0.27 J	0.47 J	ND	ND	ND	ND
Arsenic, Total	11.3 / 13.0	7.3	7.5	9.5	7.6	8.6	6.2	5.8	5.5	7.7
Barium, Total	1500	56	29	30	27	62 J	66	84	110	100
Beryllium, Total	22	0.81	0.74	0.53	0.67	0.83	0.76	0.72	0.75	0.95
Cadmium, Total	5.2	ND	ND	ND	ND	ND	ND	ND	ND	ND
Calcium, Total	---	64000	68000	72000	72000	51000 J	66000 B	32000 B	8600	3000
Chromium, Total	21	15	14	9.7	13	17 B	17 B	16 B	14	18
Cobalt, Total	20	10	13	11	11	13	11	11	9.6	12
Copper, Total	2900	24	22	25	22	23 B	18 B	16 B	15 B	17 B
Iron, Total	15000 / 15900	19000 B	19000 B	16000 B	18000 B	21000 B	18000 B	15000 B	16000	21000
Lead, Total	107	13	15	14	12	14	14	16	14	15
Magnesium, Total	325000	23000	29000	33000	27000	23000 F2	25000	18000	5700	3500
Manganese, Total	630 / 636	240 B	390 B	470 B	320 B	410 F2	400	460	190	250
Mercury, Total	0.89	0.021	0.018	0.026	0.022	0.029	0.029	0.034	0.037	0.066
Nickel, Total	100	25	30	24	27	33	26	22	19	20
Potassium, Total	---	1900 B	2300 B	1200 B	2000 B	2000 J	1900	1500	1000	1000
Selenium, Total	1.3	ND	ND	ND	ND	0.41 J	ND	ND	ND	ND
Silver, Total	4.4	0.27 J	0.3	0.23 J	0.19 J	0.29	0.22 J	0.27 J	0.4	0.56
Sodium, Total	---	1200 B	560 B	910 B	520 B	850	630	360	720	500
Thallium, Total	2.6	0.65	0.42 J	0.5 J	ND	0.73	0.48 J	0.58 J	0.29 J	0.52 J
Vanadium, Total	550	19	18	14	16	20	24	27	23	28
Zinc, Total	5100	55 B	57 B	44 B	53 B	58	53	54	61 J	68 J
<b>TCLP Metals (mg/l)</b>										
Arsenic, TCLP	0.05	ND	ND	ND	ND	ND	ND	0.011 J	0.017 J	0.019 J
Barium, TCLP	2	0.5	0.29 J	0.22 J	0.19 J	0.66	0.89	0.96	1.2	0.61
Beryllium, TCLP	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, TCLP	0.005	ND	ND	ND	ND	0.0034 J	ND	ND	ND	ND
Chromium, TCLP	0.1	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, TCLP	1	ND	ND	ND	ND	0.066	0.018 J	0.05	0.025	0.033
Copper, TCLP	0.65	ND	0.013 J	ND	ND	ND	ND	ND	ND	0.019 J
Iron, TCLP	5	ND	ND	ND	ND	0.35 J	ND	ND	ND	0.41
Lead, TCLP	0.0075	ND	ND	ND	ND	ND	ND	ND	ND	0.0079
Manganese, TCLP	0.15	0.53	0.91	2.3	0.95	9.8	6	10	7.8	4.6
Mercury, TCLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, TCLP	0.1	ND	ND	ND	ND	0.06	0.013 J	0.035	0.015 J	ND
Selenium, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, TCLP	5	ND	ND	ND	ND	ND	0.087 J	0.11 J	0.082 J	0.037 J

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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-127	ROW-127	ROW-128	ROW-128	ROW-131	ROW-131	ROW-131	ROW-133	ROW-133
Sample Date		5/25/2022	5/25/2022	5/25/2022	5/25/2022	5/13/2022	5/13/2022	5/13/2022	5/25/2022	5/25/2022
Field Sample ID		ROW-127(0-4)-052522D	ROW-127(4-9)-052522	ROW-128(0-4)-052522	ROW-128(4-9)-052522	ROW-131(0-6)-051322	ROW-131(6-12)-051322	ROW-131(12-18)-051322	ROW-133(0-4)-052522	ROW-133(4-9)-052522
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
<b>SPLP Metals (mg/l)</b>										
Arsenic, SPLP	0.05	0.1	0.083	0.13	0.12	0.1	0.07	0.03 J	0.055	0.08
Barium, SPLP	2	0.67	0.25 J	0.38 J	0.38 J	0.68	0.7	0.45 J	0.67	0.71
Beryllium, SPLP	0.004	0.011	0.0067	0.0078	0.01	0.0097	0.007	ND	0.0051	0.0086
Cadmium, SPLP	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium, SPLP	0.1	0.21	0.13	0.15	0.18	0.17	0.14	0.082	0.1	0.17
Cobalt, SPLP	1	0.066	0.037	0.081	0.073	0.085	0.069	0.028	0.044	0.047
Copper, SPLP	0.65	0.22	0.16	0.27	0.26	0.26	0.18	0.091	0.11	0.12
Iron, SPLP	5	240	160	230	240	220	160	75	110	190
Lead, SPLP	0.0075	0.1	0.066	0.11	0.12	0.11	0.09	0.051	0.062	0.072
Manganese, SPLP	0.15	0.75	0.45	1	0.74	2	1.2	0.51	1.1	1.6
Mercury, SPLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, SPLP	0.1	0.22	0.15	0.2	0.24	0.25	0.17	0.07	0.1	0.12
Selenium, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, SPLP	5	0.52	0.36 J	0.5	0.61	0.51	0.41 J	0.2 J	0.32 J	0.47 J

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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-134	ROW-134	ROW-136	ROW-136	ROW-136	ROW-137	ROW-137	ROW-137	ROW-140
Sample Date		5/13/2022	5/13/2022	5/13/2022	5/13/2022	5/13/2022	5/25/2022	5/25/2022	5/25/2022	5/25/2022
Field Sample ID		ROW-134(0-4)-051322	ROW-134(4-9)-051322	ROW-136(0-4)-051322	ROW-136(4-9)-051322	ROW-136(4-9)-051322D	ROW-137(0-4)-052522	ROW-137(0-4)-052522D	ROW-137(4-9)-052522	ROW-140(0-4)-052522
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
Laboratory pH (s.u.)	<6.25; >9.0	8.3	7.5	8.3	7.7	7.7	7.7	8.1	7.6	7.3 J
<b>VOCs (mg/kg)</b>										
No Exceedances										
<b>SVOCs (mg/kg)</b>										
2,4,5-Trichlorophenol	26	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
3 & 4 Methylphenol	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	570	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	---	ND	ND	0.0077 J	ND	ND	ND	ND	ND	ND
Anthracene	12000	ND	ND	0.013 J	ND	ND	ND	ND	0.01 J	ND
Benzo(a)anthracene	0.9 / 1.1 / 1.8	ND	ND	0.055	ND	0.01 J	ND	ND	0.062	ND
Benzo(a)pyrene	0.09 / 1.3 / 2.1	0.0096 J	ND	0.099 J	ND	0.014 J	ND	ND	0.045	ND
Benzo(b)fluoranthene	0.9 / 1.5 / 2.1	0.012 J	ND	0.14 J	ND	0.028 J	ND	0.012 J	0.071	ND
Benzo(g,h,i)perylene	---	ND	ND	0.042 J	ND	ND	ND	0.016 J	0.028 J	ND
Benzo(k)fluoranthene	9	ND	ND	0.04 J	ND	ND	ND	ND	0.027 J	ND
bis(2-Ethylhexyl)phthalate	46	ND	ND	0.15 J	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate	930	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	88	ND	ND	0.077	ND	0.013 J	ND	0.023 J	0.052	ND
Dibenzo(a,h)anthracene	0.09 / 0.2 / 0.42	ND	ND	0.011 J	ND	ND	ND	ND	0.0075 J	ND
Dibenzofuran	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-N-Butyl phthalate	2300	ND	ND	ND	ND	ND	ND	ND	0.23	ND
Di-N-Octyl phthalate	1600	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	3100	0.014 J	0.012 J	0.14	0.016 J	0.031 J	ND	0.014 J	0.12	ND
Fluorene	560	ND	ND	ND	ND	ND	ND	ND	0.0055 J	ND
Indeno(1,2,3-cd)pyrene	0.9 / 0.9 / 1.6	ND	ND	0.046 J	ND	ND	ND	ND	0.024 J	ND
Naphthalene	1.8	ND	ND	ND	ND	ND	ND	0.0086 J	ND	ND
Phenanthrene	---	ND	ND	0.055	ND	0.0089 J	0.01 J	0.041	0.056	ND
Phenol	100	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	2300	ND	ND	0.14	0.013 J	0.028 J	ND	0.02 J	0.058	ND

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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-134	ROW-134	ROW-136	ROW-136	ROW-136	ROW-137	ROW-137	ROW-137	ROW-140
Sample Date		5/13/2022	5/13/2022	5/13/2022	5/13/2022	5/13/2022	5/25/2022	5/25/2022	5/25/2022	5/25/2022
Field Sample ID		ROW-134(0-4)-051322	ROW-134(4-9)-051322	ROW-136(0-4)-051322	ROW-136(4-9)-051322	ROW-136(4-9)-051322D	ROW-137(0-4)-052522	ROW-137(0-4)-052522D	ROW-137(4-9)-052522	ROW-140(0-4)-052522
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
<b>Total Metals (mg/kg)</b>										
Aluminum, Total	---	12000	13000	9700	8600	12000	12000	13000	7900	8400 B
Antimony, Total	5	0.24 J	0.3 J	ND	ND	ND	ND	0.25 J	0.37 J	0.3 J
Arsenic, Total	11.3 / 13.0	8.1	9.4	6.1	11 J	4.7 J	6.4	4.5	6.3	6.8
Barium, Total	1500	83	77	78	87	77	96	77	74	60 B
Beryllium, Total	22	0.83	0.92	0.67	0.72	0.75	0.7	0.77	0.56	0.57
Cadmium, Total	5.2	ND	ND	0.21 J	0.25 J	0.17 J	ND	ND	ND	ND
Calcium, Total	---	24000 B	3700 B	65000 B	49000 J	16000 J	8200 J	23000 J	3200	3600
Chromium, Total	21	18 B	19 B	17 B	13 B	17 B	14	15	15	11
Cobalt, Total	20	12	14	9.4	12 J	7 J	7.1	9.3	7.3	5.7
Copper, Total	2900	20 B	21 B	21 B	22 B	16 B	13 B	15 B	17 B	12 B
Iron, Total	15000 / 15900	22000 B	22000 B	16000 B	22000 B	19000 B	16000	15000	15000	14000
Lead, Total	107	14	13	15	11	11	11	13	11	8.1
Magnesium, Total	325000	14000	3400	29000	22000 J	8800 J	5400 J	10000 J	2800	3300
Manganese, Total	630 / 636	540	450	370	550	340	140 J	260 J	280	240
Mercury, Total	0.89	0.041	0.073	0.033	0.038	0.047	0.037	0.038	0.069	0.02 J
Nickel, Total	100	27	29	22	23	23	17	23	22	13
Potassium, Total	---	1400	920	1200	750	950	940 J	2300 J	550	580
Selenium, Total	1.3	ND	ND	0.54 J	ND	ND	ND	ND	ND	ND
Silver, Total	4.4	0.35	0.55	0.24 J	0.33	0.41	0.34	0.3	0.35	0.22 J
Sodium, Total	---	2000	730	2000	850	1000	870	680	490	920
Thallium, Total	2.6	0.69	0.58	0.58	0.37 J	0.45 J	ND	ND	ND	ND
Vanadium, Total	550	24	33	23	35	27	26	21	27	20
Zinc, Total	5100	65	60	77	78	69	48 J	47 J	49 J	33 B
<b>TCLP Metals (mg/l)</b>										
Arsenic, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Barium, TCLP	2	0.9	0.54	1	0.51	0.51	0.94	0.86	0.46 J	0.59
Beryllium, TCLP	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, TCLP	0.005	ND	0.0025 J	ND	0.0034 J	0.0032 J	ND	ND	0.002 J	ND
Chromium, TCLP	0.1	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, TCLP	1	0.024 J	0.06	0.03	ND	ND	0.019 J	0.017 J	ND	ND
Copper, TCLP	0.65	ND	0.018 J	ND	ND	ND	0.011 J	ND	0.01 J	ND
Iron, TCLP	5	ND	0.53	0.45	ND	ND	ND	0.3 J	ND	ND
Lead, TCLP	0.0075	ND	0.016	ND	ND	ND	ND	ND	ND	ND
Manganese, TCLP	0.15	12	5.8	5	2.4	1.7	4.4	4.5	2.7	0.94
Mercury, TCLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, TCLP	0.1	0.02 J	0.041	0.014 J	0.018 J	0.018 J	0.014 J	ND	0.021 J	ND
Selenium, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, TCLP	5	0.032 J	0.067 J	0.13 J	0.055 J	0.028 J	ND	0.028 J	0.04 J	0.092 J



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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-134	ROW-134	ROW-136	ROW-136	ROW-136	ROW-137	ROW-137	ROW-137	ROW-140
Sample Date		5/13/2022	5/13/2022	5/13/2022	5/13/2022	5/13/2022	5/25/2022	5/25/2022	5/25/2022	5/25/2022
Field Sample ID		ROW-134(0-4)-051322	ROW-134(4-9)-051322	ROW-136(0-4)-051322	ROW-136(4-9)-051322	ROW-136(4-9)-051322D	ROW-137(0-4)-052522	ROW-137(0-4)-052522D	ROW-137(4-9)-052522	ROW-140(0-4)-052522
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
<b>SPLP Metals (mg/l)</b>										
Arsenic, SPLP	0.05	0.095	0.045 J	0.1	0.036 J	0.045 J	0.042 J	0.03 J	0.044 J	0.035 J
Barium, SPLP	2	1	0.4 J	1.4	0.55	0.81	0.61	0.38 J	0.54	0.39 J
Beryllium, SPLP	0.004	0.0098	0.0049	0.011	0.0064	0.0093	0.0079	0.0053	0.0058	ND
Cadmium, SPLP	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium, SPLP	0.1	0.19	0.11	0.21	0.15	0.22	0.16	0.1	0.17	0.09
Cobalt, SPLP	1	0.088	0.033	0.09	0.035	0.042	0.066	0.036	0.043	0.014 J
Copper, SPLP	0.65	0.24	0.11	0.26	0.13	0.16	0.11	0.072	0.13	0.077
Iron, SPLP	5	220	110	250	170	240	130	81	140 J	91
Lead, SPLP	0.0075	0.15	0.051	0.18	0.044	0.071	0.068	0.047	0.047	0.023
Manganese, SPLP	0.15	2.7	0.56	2.8	0.77	0.99	1.6 J	0.84 J	0.91	0.56
Mercury, SPLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, SPLP	0.1	0.22	0.091	0.22	0.12	0.16	0.16 J	0.093 J	0.15	0.066
Selenium, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, SPLP	5	0.59	0.24 J	0.68	0.49 J	0.7	0.31 J	0.22 J	0.38 J	0.21 J

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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-140	ROW-141	ROW-141	ROW-142	ROW-142	ROW-143	ROW-143	ROW-144	ROW-144
Sample Date		5/25/2022	5/13/2022	5/13/2022	5/12/2022	5/12/2022	5/25/2022	5/25/2022	5/25/2022	5/25/2022
Field Sample ID		ROW-140(4-9)-052522	ROW-141(0-4)-051322	ROW-141(4-9)-051322	ROW-142(0-4)-051222	ROW-142(4-9)-051222	ROW-143(0-4)-052522	ROW-143(4-9)-052522	ROW-144(0-4)-052522	ROW-144(0-4)-052522D
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
Laboratory pH (s.u.)	<6.25; >9.0	7.9	7.0	7.5	8.3	6.7	6.7	7.2	7.4	7.8
<b>VOCs (mg/kg)</b>										
No Exceedances										
<b>SVOCs (mg/kg)</b>										
2,4,5-Trichlorophenol	26	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
3 & 4 Methylphenol	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	570	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	12000	0.0085 J	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.9 / 1.1 / 1.8	0.031 J	ND	0.01 J	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	0.09 / 1.3 / 2.1	0.037	ND	0.016 J	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	0.9 / 1.5 / 2.1	0.063	ND	0.028 J	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	---	0.02 J	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	9	0.023 J	ND	ND	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	46	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate	930	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	88	0.043	ND	0.014 J	ND	ND	ND	ND	ND	0.01 J
Dibenzo(a,h)anthracene	0.09 / 0.2 / 0.42	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-N-Butyl phthalate	2300	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-N-Octyl phthalate	1600	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	3100	0.081	0.011 J	0.032 J	0.012 J	0.023 J	0.0086 J	ND	ND	ND
Fluorene	560	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.9 / 0.9 / 1.6	0.019 J	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	1.8	ND	ND	ND	ND	ND	0.0072 J	ND	ND	ND
Phenanthrene	---	0.031 J	ND	0.0085 J	0.0073 J	ND	0.0059 J	ND	ND	0.0068 J
Phenol	100	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	2300	0.055	ND	0.023 J	0.0091 J	0.015 J	ND	ND	ND	0.01 J

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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-140	ROW-141	ROW-141	ROW-142	ROW-142	ROW-143	ROW-143	ROW-144	ROW-144
Sample Date		5/25/2022	5/13/2022	5/13/2022	5/12/2022	5/12/2022	5/25/2022	5/25/2022	5/25/2022	5/25/2022
Field Sample ID		ROW-140(4-9)-052522	ROW-141(0-4)-051322	ROW-141(4-9)-051322	ROW-142(0-4)-051222	ROW-142(4-9)-051222	ROW-143(0-4)-052522	ROW-143(4-9)-052522	ROW-144(0-4)-052522	ROW-144(0-4)-052522D
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
<b>Total Metals (mg/kg)</b>										
Aluminum, Total	---	3600 B	11000	13000	9800 B	15000 B	11000 B	11000 B	11000 B	14000 B
Antimony, Total	5	ND	ND	0.28 J	ND	ND	0.39 J	ND	0.27 J	0.33 J
Arsenic, Total	11.3 / 13.0	2.9	4.1	8.4	6.6	4.5	5.8	7.3	8.1	7.9
Barium, Total	1500	36 B	100	180	74	170	120 B	110 B	84 B	92 B
Beryllium, Total	22	0.25	0.67	0.94	0.51	0.76	0.69	0.71	0.71	0.77
Cadmium, Total	5.2	ND	ND	0.17 J	0.19 J	0.2 J	0.32 J	0.55 J	0.37 J	0.13 J
Calcium, Total	---	4900	17000 B	4600 B	19000 B	6300 B	5000	2800	30000	18000
Chromium, Total	21	7.2	14 B	18 B	15 B	18 B	12	13	13	15
Cobalt, Total	20	2.6	7.1	14	11	7.2	8.5	10	11	10
Copper, Total	2900	6.5 B	12 B	25 B	18 B	21 B	15 B	11 B	22 B	18 B
Iron, Total	15000 / 15900	6400	14000 B	18000 B	17000 B	17000 B	14000	14000	17000	19000
Lead, Total	107	5.6	11	17	14	15	14	15	14	16
Magnesium, Total	325000	3200	7800	4000	11000 B	4400 B	3300	3100	17000	11000
Manganese, Total	630 / 636	100	380	250	500 B	190 B	360	350	340	400
Mercury, Total	0.89	0.016 J	0.046	0.052 J	0.044	0.042	0.039	0.056	0.036	0.036
Nickel, Total	100	6.7	14	29	26	20	17	22	24	20
Potassium, Total	---	370	750	590	1200	690	720	750	1300	1200
Selenium, Total	1.3	ND	0.4 J	ND	ND	ND	0.44 J	ND	0.43 J	0.59
Silver, Total	4.4	0.15 J	0.29	0.5	ND	ND	0.33	0.49	0.35	0.32
Sodium, Total	---	410	390	530	1100	530	420	260	710	720
Thallium, Total	2.6	ND	0.48 J	0.5 J	ND	ND	0.36 J	ND	0.33 J	0.48 J
Vanadium, Total	550	10	24	36	22	30	22	26	21	26
Zinc, Total	5100	25 B	47	59	49 B	54 B	47 B	49 B	53 B	47 B
<b>TCLP Metals (mg/l)</b>										
Arsenic, TCLP	0.05	ND	0.01 J	ND	ND	ND	0.012 J	0.011 J	ND	0.011 J
Barium, TCLP	2	0.55	0.91	0.74	0.84	0.42 J	0.62	0.58	0.8	0.82
Beryllium, TCLP	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, TCLP	0.005	ND	ND	0.0022 J	0.0021 J	ND	ND	ND	ND	ND
Chromium, TCLP	0.1	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, TCLP	1	0.012 J	0.02 J	0.039	0.033	0.012 J	0.022 J	0.029	0.028	0.019 J
Copper, TCLP	0.65	0.015 J	ND	0.013 J	ND	ND	ND	ND	ND	ND
Iron, TCLP	5	0.23 J	0.38 J	0.6	0.33 J	2.3	0.96	0.88	ND	ND
Lead, TCLP	0.0075	ND	ND	ND	ND	ND	ND	ND	ND	ND
Manganese, TCLP	0.15	0.89	7.3	4.9	7.8	2.3	7.3	9.2	9.5 J	5.4 J
Mercury, TCLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, TCLP	0.1	0.011 J	0.013 J	0.02 J	0.022 J	ND	0.012 J	0.017 J	ND	ND
Selenium, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, TCLP	5	0.24 J	0.071 J	0.14 J	0.14 J	0.28 J	0.036 J	0.18 J	0.097 J	0.044 J

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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-140	ROW-141	ROW-141	ROW-142	ROW-142	ROW-143	ROW-143	ROW-144	ROW-144
Sample Date		5/25/2022	5/13/2022	5/13/2022	5/12/2022	5/12/2022	5/25/2022	5/25/2022	5/25/2022	5/25/2022
Field Sample ID		ROW-140(4-9)-052522	ROW-141(0-4)-051322	ROW-141(4-9)-051322	ROW-142(0-4)-051222	ROW-142(4-9)-051222	ROW-143(0-4)-052522	ROW-143(4-9)-052522	ROW-144(0-4)-052522	ROW-144(0-4)-052522D
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
<b>SPLP Metals (mg/l)</b>										
Arsenic, SPLP	0.05	0.026 J	0.035 J	0.035 J	0.048 J	0.013 J	0.025 J	0.023 J	0.048 J	0.048 J
Barium, SPLP	2	0.34 J	0.81	0.69	0.83	0.39 J	0.5	0.64	0.49 J	0.54
Beryllium, SPLP	0.004	ND	0.0053	0.0049	0.0076	ND	ND	0.0045	0.0053	0.0055
Cadmium, SPLP	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium, SPLP	0.1	0.092 J	0.11	0.098	0.16	0.059	0.083	0.1	0.11	0.11
Cobalt, SPLP	1	0.018 J	0.036	0.034	0.054	0.011 J	0.021 J	0.032	0.043	0.043
Copper, SPLP	0.65	0.097 J	0.09	0.16	0.19	0.072	0.072	0.063	0.11	0.11
Iron, SPLP	5	91	110	88	150	48	75	86	130	130
Lead, SPLP	0.0075	0.037 J	0.063	0.057	0.1	0.031	0.043 B	0.044 B	0.057 B	0.064 B
Manganese, SPLP	0.15	0.52 J	1.3	0.73	1	0.29	0.58	1.2	1.2	1.4
Mercury, SPLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, SPLP	0.1	0.086 J	0.086	0.086	0.14	0.037	0.055	0.08	0.11	0.11
Selenium, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, SPLP	5	0.36 J	0.32 J	0.19 J	0.4 J	0.14 J	0.26 J	0.27 J	0.3 J	0.27 J

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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-144	ROW-145	ROW-145	ROW-146	ROW-146	ROW-147	ROW-147	ROW-148	ROW-148
Sample Date		5/25/2022	5/25/2022	5/25/2022	5/25/2022	5/25/2022	5/13/2022	5/13/2022	5/25/2022	5/25/2022
Field Sample ID		ROW-144(4-9)-052522	ROW-145(0-4)-052522	ROW-145(4-9)-052522	ROW-146(0-4)-052522	ROW-146(4-9)-052522	ROW-147(0-4)-051322	ROW-147(4-9)-051322	ROW-148(0-4)-052522	ROW-148(4-9)-052522
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
Laboratory pH (s.u.)	<6.25; >9.0	8.1	7.2	8.5	8.1	8.3	7.7	8.4	8.5	7.6
<b>VOCs (mg/kg)</b>										
No Exceedances										
<b>SVOCs (mg/kg)</b>										
2,4,5-Trichlorophenol	26	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
3 & 4 Methylphenol	---	ND	ND	ND	ND	ND	ND	ND	ND	0.069 J
Acenaphthene	570	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	12000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.9 / 1.1 / 1.8	0.017 J	ND	ND	ND	0.016 J	ND	ND	ND	0.008 J
Benzo(a)pyrene	0.09 / 1.3 / 2.1	0.019 J	ND	ND	ND	0.023 J	ND	ND	ND	0.012 J
Benzo(b)fluoranthene	0.9 / 1.5 / 2.1	0.029 J	ND	ND	ND	0.033 J	ND	ND	ND	0.019 J
Benzo(g,h,i)perylene	---	ND	ND	ND	ND	0.016 J	ND	ND	ND	ND
Benzo(k)fluoranthene	9	0.011 J	ND	ND	ND	0.015 J	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	46	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate	930	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	88	0.02 J	ND	ND	ND	0.023 J	ND	ND	ND	0.013 J
Dibenzo(a,h)anthracene	0.09 / 0.2 / 0.42	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-N-Butyl phthalate	2300	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-N-Octyl phthalate	1600	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	3100	0.041	ND	ND	ND	0.055	0.0095 J	0.014 J	ND	0.022 J
Fluorene	560	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.9 / 0.9 / 1.6	0.013 J	ND	ND	ND	0.013 J	ND	ND	ND	ND
Naphthalene	1.8	ND	ND	ND	ND	ND	ND	ND	ND	0.0089 J
Phenanthrene	---	0.017 J	ND	ND	ND	0.032 J	ND	ND	0.011 J	0.019 J
Phenol	100	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	2300	0.028 J	ND	ND	ND	0.041	ND	0.0091 J	0.014 J	0.025 J

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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-144	ROW-145	ROW-145	ROW-146	ROW-146	ROW-147	ROW-147	ROW-148	ROW-148
Sample Date		5/25/2022	5/25/2022	5/25/2022	5/25/2022	5/25/2022	5/13/2022	5/13/2022	5/25/2022	5/25/2022
Field Sample ID		ROW-144(4-9)-052522	ROW-145(0-4)-052522	ROW-145(4-9)-052522	ROW-146(0-4)-052522	ROW-146(4-9)-052522	ROW-147(0-4)-051322	ROW-147(4-9)-051322	ROW-148(0-4)-052522	ROW-148(4-9)-052522
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
<b>Total Metals (mg/kg)</b>										
Aluminum, Total	---	10000 B	11000 B	7600 B	13000 B	7600 B	18000	7700	9300	11000
Antimony, Total	5	0.47 J	0.38 J	0.33 J	0.49 J	0.52 J	ND	ND	ND	ND
Arsenic, Total	11.3 / 13.0	11	5.3	9.2	8.2	7.6	5.8	8.7	5.4	6.6
Barium, Total	1500	68 B	130 B	47 B	84 B	40 B	120	30	79	81 J
Beryllium, Total	22	0.76	0.72	0.62	0.81	0.61	0.93	0.66	0.63	0.67
Cadmium, Total	5.2	0.15 J	0.14 J	0.23 J	0.13 J	0.22 J	ND	ND	0.18 J	0.19 J
Calcium, Total	---	62000	2100	84000	29000	98000	9700 B	77000 B	30000	29000 J
Chromium, Total	21	13	13	10	14	12	22 B	14 B	12	13
Cobalt, Total	20	13	11	14	12	8.6	11	13	8.6	9.1 J
Copper, Total	2900	25 B	15 B	22 B	23 B	18 B	18 B	24 B	16	16
Iron, Total	15000 / 15900	19000	15000	19000	19000	15000	19000 B	19000 B	14000	16000
Lead, Total	107	14	11	13	14	11	18	15	12	13 J
Magnesium, Total	325000	25000	2400	41000	19000	33000	7100	33000	18000	16000 J
Manganese, Total	630 / 636	440	390	420	410	300	460	370	470	360 J
Mercury, Total	0.89	0.039	0.049	0.027	0.04	0.023	0.052	0.03	0.039	0.036
Nickel, Total	100	29	29	31	27	21	22	28	20	20 J
Potassium, Total	---	1500	620	1600	1300	1600	1200	1800	810	930 J
Selenium, Total	1.3	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, Total	4.4	0.28	0.52	0.16 J	0.36	0.13 J	0.39	0.23 J	0.23 J	0.26 J
Sodium, Total	---	420	500	430	1100	530	2100	550	1100	150 J
Thallium, Total	2.6	0.35 J	0.31 J	0.5 J	0.31 J	0.31 J	0.67	0.94	0.35 J	ND
Vanadium, Total	550	21	23	14	23	14	33	17	19	22
Zinc, Total	5100	51 B	41 B	51 B	50 B	48 B	65	58	52	55
<b>TCLP Metals (mg/l)</b>										
Arsenic, TCLP	0.05	ND	0.016 J	ND	ND	ND	ND	ND	0.01 J	ND
Barium, TCLP	2	0.98	0.74	0.45 J	0.88	0.37 J	0.84	0.36 J	0.55	0.94
Beryllium, TCLP	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, TCLP	0.005	ND	ND	0.004 J	ND	ND	ND	0.0044 J	ND	ND
Chromium, TCLP	0.1	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, TCLP	1	ND	0.026	0.072	0.013 J	ND	ND	0.07	0.015 J	0.021 J
Copper, TCLP	0.65	ND	0.011 J	ND	0.01 J	ND	ND	ND	ND	0.01 J
Iron, TCLP	5	ND	ND	ND	ND	ND	ND	ND	ND	0.26 J
Lead, TCLP	0.0075	ND	ND	ND	ND	ND	ND	ND	ND	ND
Manganese, TCLP	0.15	1.1	11	4	6.6	0.95	2.7	4.1	5.5	9.5
Mercury, TCLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, TCLP	0.1	0.01 J	0.017 J	0.059	ND	ND	ND	0.044	0.012 J	0.012 J
Selenium, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, TCLP	5	0.063 J	0.096 J	ND	0.03 J	0.032 J	0.056 J	0.021 J	ND	0.024 J

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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-144	ROW-145	ROW-145	ROW-146	ROW-146	ROW-147	ROW-147	ROW-148	ROW-148
Sample Date		5/25/2022	5/25/2022	5/25/2022	5/25/2022	5/25/2022	5/13/2022	5/13/2022	5/25/2022	5/25/2022
Field Sample ID		ROW-144(4-9)-052522	ROW-145(0-4)-052522	ROW-145(4-9)-052522	ROW-146(0-4)-052522	ROW-146(4-9)-052522	ROW-147(0-4)-051322	ROW-147(4-9)-051322	ROW-148(0-4)-052522	ROW-148(4-9)-052522
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
<b>SPLP Metals (mg/l)</b>										
Arsenic, SPLP	0.05	0.031 J	0.035 J	0.084	0.062	0.1	0.079	0.092	0.047 J	0.049 J
Barium, SPLP	2	0.38 J	0.63	0.34 J	0.63	0.27 J	1.7	0.36 J	0.54	0.56
Beryllium, SPLP	0.004	ND	0.005	0.0063	0.0062	0.0062	0.013	0.0073	0.0054	0.0049
Cadmium, SPLP	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium, SPLP	0.1	0.08	0.11	0.12	0.12	0.1	0.26	0.13	0.11	0.1
Cobalt, SPLP	1	0.012 J	0.041	0.046	0.056	0.041	0.076	0.061	0.039	0.047
Copper, SPLP	0.65	0.069	0.079	0.19	0.14	0.19	0.21	0.23	0.13	0.12
Iron, SPLP	5	68	110	150	140	150	270	170	130	120
Lead, SPLP	0.0075	0.014 B	0.048 B	0.075 B	0.07 B	0.067 B	0.12	0.083	0.056 B	0.076
Manganese, SPLP	0.15	0.28	1.7	0.56	0.93	0.64	1.5	0.68	1	1.2
Mercury, SPLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, SPLP	0.1	0.071	0.091	0.16	0.15	0.16	0.23	0.19	0.12	0.12
Selenium, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, SPLP	5	0.15 J	0.22 J	0.42 J	0.32 J	0.4 J	0.77	0.51	0.37 J	0.36 J

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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-149	ROW-149	ROW-151	ROW-151	ROW-151	ROW-152	ROW-152	ROW-152	ROW-153
Sample Date		DW-149(0-4)-0525	DW-149(4-9)-0525	5/13/2022	5/13/2022	5/13/2022	5/25/2022	5/25/2022	5/25/2022	5/13/2022
Field Sample ID		5/25/2022	5/25/2022	ROW-151(0-5)-051322	ROW-151(5-10)-051322	ROW-151(10-16)-051322	ROW-152(0-4)-052522	ROW-152(0-4)-052522D	ROW-152(4-9)-052522	ROW-153(0-4)-051322
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
Laboratory pH (s.u.)	<6.25; >9.0	8.1	6.6	8.1	7.9 J	8.0	8.6	8.6	8.1	7.7
<b>VOCs (mg/kg)</b>										
No Exceedances										
<b>SVOCs (mg/kg)</b>										
2,4,5-Trichlorophenol	26	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
3 & 4 Methylphenol	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	570	ND	ND	ND	ND	ND	ND	ND	0.013 J	0.0084 J
Acenaphthylene	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	12000	ND	ND	ND	ND	ND	ND	ND	ND	0.016 J
Benzo(a)anthracene	0.9 / 1.1 / 1.8	ND	ND	ND	ND	ND	0.0097 J	ND	ND	0.028 J
Benzo(a)pyrene	0.09 / 1.3 / 2.1	ND	ND	ND	ND	ND	0.015 J	ND	ND	0.042 J
Benzo(b)fluoranthene	0.9 / 1.5 / 2.1	ND	ND	ND	ND	ND	0.022 J	ND	0.0096 J	0.077 J
Benzo(g,h,i)perylene	---	ND	ND	ND	ND	ND	ND	ND	0.013 J	0.025 J
Benzo(k)fluoranthene	9	ND	ND	ND	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	46	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate	930	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	88	ND	ND	ND	ND	ND	ND	ND	0.023 J	0.061
Dibenzo(a,h)anthracene	0.09 / 0.2 / 0.42	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-N-Butyl phthalate	2300	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-N-Octyl phthalate	1600	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	3100	ND	ND	0.009 J	0.014 J	ND	0.025 J	ND	ND	0.079
Fluorene	560	ND	ND	ND	ND	ND	0.009 J	ND	0.0073 J	ND
Indeno(1,2,3-cd)pyrene	0.9 / 0.9 / 1.6	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	1.8	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	---	0.0099 J	ND	ND	0.0099 J	ND	0.023 J	0.0094 J	0.053	0.058
Phenol	100	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	2300	0.013 J	ND	ND	0.0089 J	ND	0.032 J	0.015 J	0.022 J	0.096



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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-149	ROW-149	ROW-151	ROW-151	ROW-151	ROW-152	ROW-152	ROW-152	ROW-153
Sample Date		DW-149(0-4)-0525	DW-149(4-9)-0525	5/13/2022	5/13/2022	5/13/2022	5/25/2022	5/25/2022	5/25/2022	5/13/2022
Field Sample ID		5/25/2022	5/25/2022	ROW-151(0-5)-051322	ROW-151(5-10)-051322	ROW-151(10-16)-051322	ROW-152(0-4)-052522	ROW-152(0-4)-052522D	ROW-152(4-9)-052522	ROW-153(0-4)-051322
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
<b>Total Metals (mg/kg)</b>										
Aluminum, Total	---	11000	16000	13000	13000	7200	6300	5700	6100	10000
Antimony, Total	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic, Total	11.3 / 13.0	8.8	13	7.3	8.3	6.4	7.8	7.5	9.2	8.1
Barium, Total	1500	75	65	65	73	47	40	35	18	31
Beryllium, Total	22	0.75	1.1	0.8	0.78	0.52	0.55	0.49	0.55	0.81
Cadmium, Total	5.2	0.16 J	0.14 J	ND	ND	ND	0.24 J	0.17 J	0.22 J	ND
Calcium, Total	---	27000	1600	34000 B	36000 B	90000 B	100000	91000	98000	78000 B
Chromium, Total	21	12	22	17 B	16 B	11 J	8.6	7.5	9.2	17 B
Cobalt, Total	20	9.8	18	12	10	7.2	10	8.5	11	13
Copper, Total	2900	18	33	18 B	18 B	14 B	19	18	22	25 B
Iron, Total	15000 / 15900	18000	36000	19000 B	19000 B	15000 B	17000	16000	18000	19000 B
Lead, Total	107	15	20	16	15	10	13	12	12	15
Magnesium, Total	325000	16000	3800	16000	17000	50000	50000	47000	44000	32000
Manganese, Total	630 / 636	430	360	580	480	390	450	360	380	380
Mercury, Total	0.89	0.04	0.054	0.038	0.023	0.031	0.027	0.025	0.025	0.03
Nickel, Total	100	23	41	24	23	17	24	18	24	30
Potassium, Total	---	970	1700	1500	1300	1100	1200	850	1500	2900
Selenium, Total	1.3	ND	0.38 J	0.43 J	ND	ND	ND	ND	ND	0.37 J
Silver, Total	4.4	0.31	0.46	0.3	0.31	0.14 J	0.14 J	0.18 J	0.12 J	0.22 J
Sodium, Total	---	540	67	620	410	360	590	580	360	630
Thallium, Total	2.6	ND	0.95 J	0.7	0.65	0.37 J	ND	ND	ND	1.3
Vanadium, Total	550	24	38	28	29	17	13	13	12	19
Zinc, Total	5100	65	82	55	64	44	54	55	51	53
<b>TCLP Metals (mg/l)</b>										
Arsenic, TCLP	0.05	ND	0.012 J	ND	ND	ND	0.011 J	ND	ND	ND
Barium, TCLP	2	0.86	0.36 J	0.8	0.91	0.71	0.43 J	0.53	0.33 J	0.32 J
Beryllium, TCLP	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, TCLP	0.005	ND	ND	ND	ND	0.0023 J	ND	0.002 J	ND	ND
Chromium, TCLP	0.1	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, TCLP	1	0.017 J	0.022 J	0.035	0.016 J	0.029	0.031	0.023 J	0.044	0.04
Copper, TCLP	0.65	ND	0.017 J	ND	ND	ND	ND	ND	0.077	0.014 J
Iron, TCLP	5	ND	3.2	1	0.24 J	ND	ND	ND	ND	ND
Lead, TCLP	0.0075	ND	0.01	ND	ND	ND	ND	ND	ND	ND
Manganese, TCLP	0.15	10	4.7	5.5	4.9	7.1	3.9	4.9	3.7	3.3
Mercury, TCLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, TCLP	0.1	0.012 J	0.027	0.03	0.017 J	0.035	0.033	0.028	0.065	0.066
Selenium, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, TCLP	5	0.036 J	0.05 J	0.13 J	0.045 J	0.14 J	0.11 J	ND	0.22 J	0.12 J

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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-149	ROW-149	ROW-151	ROW-151	ROW-151	ROW-152	ROW-152	ROW-152	ROW-153
Sample Date		ROW-149(0-4)-0525	ROW-149(4-9)-0525	5/13/2022	5/13/2022	5/13/2022	5/25/2022	5/25/2022	5/25/2022	5/13/2022
Field Sample ID		5/25/2022	5/25/2022	ROW-151(0-5)-051322	ROW-151(5-10)-051322	ROW-151(10-16)-051322	ROW-152(0-4)-052522	ROW-152(0-4)-052522D	ROW-152(4-9)-052522	ROW-153(0-4)-051322
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
<b>SPLP Metals (mg/l)</b>										
Arsenic, SPLP	0.05	0.051	0.058	0.07	0.066	0.047 J	0.059	0.036 J	0.079	ND
Barium, SPLP	2	0.49 J	0.29 J	0.75	0.64	0.41 J	0.28 J	0.29 J	0.26 J	0.059 J
Beryllium, SPLP	0.004	0.0049	0.005	0.0081	0.0065	0.005	0.0041	ND	0.0058	ND
Cadmium, SPLP	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium, SPLP	0.1	0.096	0.091	0.15	0.12	0.096	0.076	0.076	0.11	0.027
Cobalt, SPLP	1	0.041	0.047	0.072	0.05	0.04	0.036	0.026	0.045	0.01 J
Copper, SPLP	0.65	0.12	0.14	0.19	0.15	0.13	0.12	0.093	0.16	0.025
Iron, SPLP	5	120	120	170	140	110	100	79	140	16
Lead, SPLP	0.0075	0.066	0.068	0.13	0.082	0.057	0.062	0.033	0.08	ND
Manganese, SPLP	0.15	1.4	0.95	1.1	0.86	1	0.97	0.78	0.44	0.17
Mercury, SPLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, SPLP	0.1	0.12	0.13	0.17	0.14	0.11	0.1	0.08	0.15	0.023 J
Selenium, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, SPLP	5	0.35 J	0.29 J	0.4 J	0.38 J	0.31 J	0.31 J	0.24 J	0.35 J	0.045 J

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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-153	ROW-154	ROW-154	ROW-155	ROW-155	ROW-156	ROW-156	ROW-157	ROW-157
Sample Date		5/13/2022	5/25/2022	5/25/2022	5/26/2022	5/26/2022	5/26/2022	5/26/2022	5/12/2022	5/12/2022
Field Sample ID		ROW-153(4-9)-051322	ROW-154(0-4)-052522	ROW-154(4-9)-052522	ROW-155(0-4)-052622	ROW-155(4-9)-052622	ROW-156(0-4)-052622	ROW-156(4-9)-052622	ROW-157(0-4)-051222	ROW-157(0-4)-051222D
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
Laboratory pH (s.u.)	<6.25; >9.0	7.7	8.1	7.9	8.2	8.2	8.5	8.6	8.6	8.7
<b>VOCs (mg/kg)</b>										
No Exceedances										
<b>SVOCs (mg/kg)</b>										
2,4,5-Trichlorophenol	26	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	---	0.012 J	ND	ND	ND	ND	ND	ND	ND	ND
3 & 4 Methylphenol	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	570	0.0091 J	ND	0.014 J	ND	ND	ND	ND	ND	ND
Acenaphthylene	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	12000	0.009 J	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.9 / 1.1 / 1.8	0.0087 J	ND	ND	ND	ND	ND	0.01 J	ND	ND
Benzo(a)pyrene	0.09 / 1.3 / 2.1	ND	ND	ND	ND	ND	ND	0.014 J	ND	ND
Benzo(b)fluoranthene	0.9 / 1.5 / 2.1	ND	ND	ND	ND	0.012 J	ND	0.023 J	ND	ND
Benzo(g,h,i)perylene	---	0.018 J	0.018 J	0.021 J	ND	0.014 J	ND	0.014 J	ND	ND
Benzo(k)fluoranthene	9	ND	ND	ND	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	46	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate	930	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	88	0.023 J	0.025 J	0.027 J	ND	0.014 J	ND	0.02 J	ND	ND
Dibenzo(a,h)anthracene	0.09 / 0.2 / 0.42	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-N-Butyl phthalate	2300	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-N-Octyl phthalate	1600	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	3100	0.022 J	ND	0.0073 J	ND	0.0075 J	ND	0.025 J	ND	ND
Fluorene	560	0.0084 J	ND	0.011 J	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.9 / 0.9 / 1.6	ND	ND	ND	ND	ND	ND	0.01 J	ND	ND
Naphthalene	1.8	ND	0.0073 J	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	---	0.041	0.042	0.051	ND	ND	ND	0.0095 J	ND	ND
Phenol	100	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	2300	0.035 J	0.029 J	0.029 J	ND	0.0099 J	ND	0.021 J	ND	ND

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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-153	ROW-154	ROW-154	ROW-155	ROW-155	ROW-156	ROW-156	ROW-157	ROW-157
Sample Date		5/13/2022	5/25/2022	5/25/2022	5/26/2022	5/26/2022	5/26/2022	5/26/2022	5/12/2022	5/12/2022
Field Sample ID		ROW-153(4-9)-051322	ROW-154(0-4)-052522	ROW-154(4-9)-052522	ROW-155(0-4)-052622	ROW-155(4-9)-052622	ROW-156(0-4)-052622	ROW-156(4-9)-052622	ROW-157(0-4)-051222	ROW-157(0-4)-051222D
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
<b>Total Metals (mg/kg)</b>										
Aluminum, Total	---	8300	5900	8400	9100	9400	11000	9200	6900 B	6400 J
Antimony, Total	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic, Total	11.3 / 13.0	7.4	8.6	7.7	8.2	6.9	7	10	6.6	7.2
Barium, Total	1500	27	21	23	45	28	35	34	29	28
Beryllium, Total	22	0.67	0.52	0.67	0.71	0.71	0.82	0.76	0.37	0.38
Cadmium, Total	5.2	ND	0.16 J	0.15 J	0.19 J	0.16 J	0.19 J	0.19 J	ND	ND
Calcium, Total	---	90000 B	110000	94000	62000	68000	63000	70000	90000 B	95000 B
Chromium, Total	21	14 B	8.8	12	14	14	16	15	11 J	11 J
Cobalt, Total	20	11	9.8	13	14	9.9	11	11	10	9.9
Copper, Total	2900	24 B	23	24	22	21	22	30	20 B	20 J
Iron, Total	15000 / 15900	19000 B	18000	18000	18000	19000	20000	18000	17000 B	15000 B
Lead, Total	107	12	13	13	14	12	13	15	12	11 J
Magnesium, Total	325000	48000	51000	31000	27000	27000	27000	33000	45000 B	47000 J
Manganese, Total	630 / 636	360	370	410	510	270	280	300	350 B	400 B
Mercury, Total	0.89	0.021	0.023	0.024	0.026	0.02	0.018 J	0.026	0.025	0.055
Nickel, Total	100	25	22	29	30	28	30	30	23	23
Potassium, Total	---	2400	1500	2100	2000	2100	2400	2100	1500	1400 J
Selenium, Total	1.3	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, Total	4.4	0.16 J	0.16 J	0.19 J	0.2 J	0.19 J	0.23 J	0.21 J	ND	ND
Sodium, Total	---	290	440	290	350	230	860	740	610	600 J
Thallium, Total	2.6	0.74	ND	ND	0.46 J	ND	ND	0.32 J	ND	0.28 J
Vanadium, Total	550	17	12	14	17	16	19	18	14	14
Zinc, Total	5100	44	44	48	52	54	55	55	43 B	37 J
<b>TCLP Metals (mg/l)</b>										
Arsenic, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Barium, TCLP	2	0.38 J	0.32 J	0.44 J	0.4 J	0.25 J	0.3 J	0.3 J	0.31 J	0.36 J
Beryllium, TCLP	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, TCLP	0.005	ND	0.0026 J	ND	ND	ND	ND	0.0026 J	ND	0.0022 J
Chromium, TCLP	0.1	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, TCLP	1	0.027	0.076	0.025	ND	ND	ND	0.058	ND	0.045
Copper, TCLP	0.65	0.012 J	0.018 J	0.011 J	ND	ND	ND	ND	ND	ND
Iron, TCLP	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Lead, TCLP	0.0075	ND	ND	ND	ND	ND	ND	ND	ND	ND
Manganese, TCLP	0.15	2.1	4.5	2	0.51	0.55	0.62	4.1	0.98 J	3.8 J
Mercury, TCLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, TCLP	0.1	0.051	0.056	0.054	ND	ND	ND	0.046	ND	0.048
Selenium, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, TCLP	5	0.03 J	0.057 J	ND	0.12 J	0.039 J	0.029 J	0.078 J	0.058 J	ND

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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-153	ROW-154	ROW-154	ROW-155	ROW-155	ROW-156	ROW-156	ROW-157	ROW-157
Sample Date		5/13/2022	5/25/2022	5/25/2022	5/26/2022	5/26/2022	5/26/2022	5/26/2022	5/12/2022	5/12/2022
Field Sample ID		ROW-153(4-9)-051322	ROW-154(0-4)-052522	ROW-154(4-9)-052522	ROW-155(0-4)-052622	ROW-155(4-9)-052622	ROW-156(0-4)-052622	ROW-156(4-9)-052622	ROW-157(0-4)-051222	ROW-157(0-4)-051222D
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
<b>SPLP Metals (mg/l)</b>										
Arsenic, SPLP	0.05	ND	ND	ND	ND	0.058	0.063	0.073	0.047 J	0.067
Barium, SPLP	2	ND	ND	ND	0.11 J	0.24 J	0.27 J	0.25 J	0.23 J	0.35 J
Beryllium, SPLP	0.004	ND	ND	ND	ND	0.0061	0.0068	0.006	0.0049	0.0068
Cadmium, SPLP	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium, SPLP	0.1	ND	0.01 J	ND	0.047	0.11	0.12	0.11	0.092	0.13
Cobalt, SPLP	1	ND	ND	ND	0.016 J	0.044	0.053	0.061	0.036	0.054
Copper, SPLP	0.65	ND	0.011 J	ND	0.026	0.12	0.13	0.17	0.13	0.19
Iron, SPLP	5	1.6 J	6.4	2.5	28	120	130	140	110	160
Lead, SPLP	0.0075	ND	ND	ND	ND	0.064	0.071	0.074	0.058	0.081
Manganese, SPLP	0.15	0.029	0.042	0.025	0.24	0.46	0.51	0.63	0.49	0.71
Mercury, SPLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, SPLP	0.1	ND	ND	ND	0.042	0.13	0.16	0.16	0.12	0.17
Selenium, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, SPLP	5	ND	ND	ND	0.048 J	0.29 J	0.28 J	0.36 J	0.29 J	0.38 J

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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-157	ROW-158	ROW-158	ROW-158	ROW-205	ROW-205	ROW-205	ROW-206	ROW-206
Sample Date		5/12/2022	5/13/2022	5/13/2022	5/13/2022	8/15/2022	8/15/2022	8/15/2022	8/15/2022	8/15/2022
Field Sample ID		ROW-157(4-9)-051222	ROW-158(0-4)-051322	ROW-158(0-4)-051322D	ROW-158(4-9)-051322	ROW-205(0-5)-081522	ROW-205(5-10)-081522	ROW-205(10-15)-081522	ROW-206(0-5)-081522	ROW-206(5-10)-081522
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
Laboratory pH (s.u.)	<6.25; >9.0	8.7	8.5	8.7	8.7	7.9	8.3	7.7	8.6	7.7
<b>VOCs (mg/kg)</b>		<b>No Exceedances</b>								
<b>SVOCs (mg/kg)</b>										
2,4,5-Trichlorophenol	26	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
3 & 4 Methylphenol	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	570	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	---	ND	0.01 J	ND	ND	ND	ND	ND	ND	ND
Anthracene	12000	0.009 J	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.9 / 1.1 / 1.8	0.057	0.018 J	ND	0.013 J	0.006 J	ND	ND	ND	0.013 J
Benzo(a)pyrene	0.09 / 1.3 / 2.1	0.09 J	0.028 J	ND	0.035 J	ND	ND	ND	ND	0.025 J
Benzo(b)fluoranthene	0.9 / 1.5 / 2.1	0.13 J	0.05 J	ND	0.064 J	ND	0.011 J	ND	ND	0.027 J
Benzo(g,h,i)perylene	---	0.06 J	0.012 J	ND	0.014 J	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	9	0.045 J	0.019 J	ND	0.018 J	ND	ND	ND	ND	0.015 J
bis(2-Ethylhexyl)phthalate	46	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate	930	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	88	0.12	0.024 J	0.01 J	0.12	ND	ND	ND	ND	0.016 J
Dibenzo(a,h)anthracene	0.09 / 0.2 / 0.42	0.014 J	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-N-Butyl phthalate	2300	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-N-Octyl phthalate	1600	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	3100	0.12	0.054	0.017 J	0.045	0.013 J	ND	0.0078 J	ND	0.039 J
Fluorene	560	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.9 / 0.9 / 1.6	0.057 J	0.017 J	ND	ND	ND	ND	ND	ND	ND
Naphthalene	1.8	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	---	0.059	0.031 J	ND	0.02 J	0.0085 J	ND	ND	ND	0.015 J
Phenol	100	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	2300	0.18	0.057	0.019 J	0.047	0.009 J	ND	ND	ND	0.029 J

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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-157	ROW-158	ROW-158	ROW-158	ROW-205	ROW-205	ROW-205	ROW-206	ROW-206
Sample Date		5/12/2022	5/13/2022	5/13/2022	5/13/2022	8/15/2022	8/15/2022	8/15/2022	8/15/2022	8/15/2022
Field Sample ID		ROW-157(4-9)-051222	ROW-158(0-4)-051322	ROW-158(0-4)-051322D	ROW-158(4-9)-051322	ROW-205(0-5)-081522	ROW-205(5-10)-081522	ROW-205(10-15)-081522	ROW-206(0-5)-081522	ROW-206(5-10)-081522
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
<b>Total Metals (mg/kg)</b>										
Aluminum, Total	---	3200 B	8400	8000	5600	12000	12000	9400	13000	14000
Antimony, Total	5	ND	ND	ND	ND	0.3 J	0.26 J	0.43 J	0.45 J	0.43 J
Arsenic, Total	11.3 / 13.0	4.9	5.7	6.4	7.1	6.6	8.4	8	6.6	8.4
Barium, Total	1500	23	34	35	26	100	74	31	71	120
Beryllium, Total	22	0.34	0.63	0.63	0.64	0.76	0.82	0.73	0.74	0.9
Cadmium, Total	5.2	ND	ND	ND	ND	ND	ND	ND	ND	ND
Calcium, Total	---	110000 B	93000 B	79000 B	98000 B	14000 B	58000 B	73000 B	23000 B	3000 B
Chromium, Total	21	11 J	14 B	14 B	9 J	15	18	15	16	20
Cobalt, Total	20	6.4	9.5	9.5	8.9	10	14	9.8	11	15
Copper, Total	2900	13 B	18 B	19 B	15 B	15	21	20	16	19
Iron, Total	15000 / 15900	11000 B	17000 B	18000 B	15000 B	17000 B	20000 B	18000 B	19000 B	23000 B
Lead, Total	107	21	13	13	24	18	14	12	14	15
Magnesium, Total	325000	60000 B	54000	47000	55000	7900 B	20000 B	27000 B	14000 B	4400 B
Manganese, Total	630 / 636	300 B	320	320	360	440	500	260	420	490
Mercury, Total	0.89	0.019	0.017	0.012 J	0.029	0.053	0.057	0.038	0.059	0.083
Nickel, Total	100	14	23	23	21	19	33	27	24	42
Potassium, Total	---	1600	2100	1700	2100	1600	1900	2400	1400	1400
Selenium, Total	1.3	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, Total	4.4	ND	0.18 J	0.17 J	0.22 J	0.34	0.35	0.25 J	0.34	0.51
Sodium, Total	---	270	810	930	470	1500	1200	390	2200	1200
Thallium, Total	2.6	0.36 J	0.68	0.95	0.47 J	ND	ND	ND	ND	ND
Vanadium, Total	550	8.7	17	18	9.7	27	26	18	28	28
Zinc, Total	5100	21 B	170	130	60	62	65	57	55	69
<b>TCLP Metals (mg/l)</b>										
Arsenic, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Barium, TCLP	2	0.26 J	0.3 J	0.27 J	0.23 J	0.32 J	0.74	0.76	0.32 J	0.69
Beryllium, TCLP	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, TCLP	0.005	ND	0.003 J	0.0031 J	ND	ND	ND	ND	ND	ND
Chromium, TCLP	0.1	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, TCLP	1	0.13	0.04	0.028	0.015 J	0.018 J	0.028	ND	ND	0.011 J
Copper, TCLP	0.65	ND	ND	ND	ND	ND	ND	ND	ND	ND
Iron, TCLP	5	0.63	ND	ND	ND	ND	ND	ND	ND	ND
Lead, TCLP	0.0075	ND	ND	ND	ND	ND	ND	ND	ND	ND
Manganese, TCLP	0.15	4.5	3.8	3.4	2.2	1.4	6.6	3.1	0.88	5.5
Mercury, TCLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, TCLP	0.1	0.15	0.037	0.034	0.033	0.039	0.01 J	0.014 J	ND	0.012 J
Selenium, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, TCLP	5	0.16 J	1.2	0.71	0.082 J	0.095 J	0.034 J	0.028 J	ND	0.042 J

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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-157	ROW-158	ROW-158	ROW-158	ROW-205	ROW-205	ROW-205	ROW-206	ROW-206
Sample Date		5/12/2022	5/13/2022	5/13/2022	5/13/2022	8/15/2022	8/15/2022	8/15/2022	8/15/2022	8/15/2022
Field Sample ID		ROW-157(4-9)-051222	ROW-158(0-4)-051322	ROW-158(0-4)-051322D	ROW-158(4-9)-051322	ROW-205(0-5)-081522	ROW-205(5-10)-081522	ROW-205(10-15)-081522	ROW-206(0-5)-081522	ROW-206(5-10)-081522
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>										
<b>SPLP Metals (mg/l)</b>										
Arsenic, SPLP	0.05	0.02 J	0.075	0.069	0.039 J	0.08	0.081	0.1	0.13	0.075
Barium, SPLP	2	0.088 J	0.39 J	0.35 J	0.17 J	0.69	1.1	0.38 J	1	1.3
Beryllium, SPLP	0.004	ND	0.0073	0.0063	0.0058	0.0075	0.011	0.0083	0.012	0.011
Cadmium, SPLP	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium, SPLP	0.1	0.045	0.13	0.12	0.084	0.14	0.21	0.15	0.23	0.21
Cobalt, SPLP	1	0.013 J	0.064	0.053	0.037	0.06	0.063	0.056	0.11	0.1
Copper, SPLP	0.65	0.047	0.22	0.19	0.1	0.17	0.22	0.21	0.26	0.19
Iron, SPLP	5	43	170	140	88	180	230	190	290	240
Lead, SPLP	0.0075	0.065	0.11	0.096	0.099	0.1	0.069	0.086	0.13	0.091
Manganese, SPLP	0.15	0.28	0.95	0.8	0.66	1.9	1.9	0.66	2.8	2.8
Mercury, SPLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, SPLP	0.1	0.043	0.19	0.16	0.11	0.16	0.22	0.21	0.29	0.29
Selenium, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, SPLP	5	0.082 J	1.3	1	0.27 J	0.46 J	0.54	0.47 J	0.7	0.52



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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-206	ROW-209	ROW-209	ROW-209	ROW-211	ROW-211	ROW-211	ROW-211
Sample Date		8/15/2022	8/15/2022	8/15/2022	8/15/2022	8/15/2022	8/15/2022	8/15/2022	8/15/2022
Field Sample ID		ROW-206(10-15)-081522	ROW-209(0-5)-081522	ROW-209(5-10)-081522	ROW-209(10-15)-081522	ROW-211(0-5)-081522	ROW-211(0-5)-081522D	ROW-211(5-10)-081522	ROW-211(10-15)-081522
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>									
Laboratory pH (s.u.)	<6.25; >9.0	7.8	7.9	8.1	7.6	7.5	7.4	8.1	7.8
<b>VOCs (mg/kg)</b>									
No Exceedances									
<b>SVOCs (mg/kg)</b>									
2,4,5-Trichlorophenol	26	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	---	ND	ND	ND	ND	ND	ND	ND	ND
3 & 4 Methylphenol	---	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	570	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	---	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	12000	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.9 / 1.1 / 1.8	ND	0.0076 J	0.025 J	ND	ND	ND	ND	ND
Benzo(a)pyrene	0.09 / 1.3 / 2.1	ND	ND	0.025 J	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	0.9 / 1.5 / 2.1	ND	0.017 J	0.029 J	0.0097 J	ND	ND	0.0097 J	ND
Benzo(g,h,i)perylene	---	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	9	ND	ND	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	46	ND	ND	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate	930	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	0.6	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	88	ND	0.019 J	0.025 J	0.013 J	ND	ND	ND	ND
Dibenzo(a,h)anthracene	0.09 / 0.2 / 0.42	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	---	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	---	ND	ND	ND	ND	ND	ND	ND	ND
Di-N-Butyl phthalate	2300	ND	ND	ND	ND	ND	ND	ND	ND
Di-N-Octyl phthalate	1600	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	3100	ND	0.023 J	0.058 J	0.007 J	ND	ND	ND	ND
Fluorene	560	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.9 / 0.9 / 1.6	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	1.8	ND	0.0063 J	ND	ND	ND	ND	ND	ND
Phenanthrene	---	ND	0.025 J	0.033 J	ND	ND	ND	ND	ND
Phenol	100	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	2300	ND	0.018 J	0.048 J	0.014 J	ND	ND	ND	ND

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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-206	ROW-209	ROW-209	ROW-209	ROW-211	ROW-211	ROW-211	ROW-211
Sample Date		8/15/2022	8/15/2022	8/15/2022	8/15/2022	8/15/2022	8/15/2022	8/15/2022	8/15/2022
Field Sample ID		ROW-206(10-15)-081522	ROW-209(0-5)-081522	ROW-209(5-10)-081522	ROW-209(10-15)-081522	ROW-211(0-5)-081522	ROW-211(0-5)-081522D	ROW-211(5-10)-081522	ROW-211(10-15)-081522
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>									
<b>Total Metals (mg/kg)</b>									
Aluminum, Total	---	9000	8300	15000	8300	11000	13000	12000	9100
Antimony, Total	5	0.36 J	ND	ND	0.33 J	ND	0.28 J	0.3 J	0.32 J
Arsenic, Total	11.3 / 13.0	8.2	6.5	6	8.1	6.2	5.3	8.9	8.5 J
Barium, Total	1500	39	58	120	35	96	120	98	33
Beryllium, Total	22	0.7	0.61	0.95	0.66	0.76	0.78	0.78	0.68
Cadmium, Total	5.2	ND	0.12	ND	ND	0.032 J	0.057 J	0.053 J	ND
Calcium, Total	---	59000 B	64000 B	6800 B	68000 B	24000 J	9600 J	3900	57000
Chromium, Total	21	15	11	17	13	14	14	17	13
Cobalt, Total	20	13	8.8	11	11	10	7.9	12	10
Copper, Total	2900	21	17	21	20	17	14	17	19
Iron, Total	15000 / 15900	19000 B	15000	19000	18000	18000	15000	21000	18000 J
Lead, Total	107	14	13	13	14	14	14	13	11
Magnesium, Total	325000	25000 B	28000	5700	29000	14000 J	6200 J	4200	26000
Manganese, Total	630 / 636	340	320	240	290	580 J	290 J	200	280
Mercury, Total	0.89	0.06	0.035	0.068	0.029	0.032	0.031	0.035	0.015 J
Nickel, Total	100	29	20	25	27	21	14	30	26
Potassium, Total	---	1900	1300	820	1900	1200	1100	1100	2200 J
Selenium, Total	1.3	ND	ND	ND	0.45 J	0.38 J	ND	ND	ND
Silver, Total	4.4	0.26 J	0.26 J	0.51	0.24 J	0.32	0.39	0.49	0.25 J
Sodium, Total	---	580	1400	1500	430	660	760	1200	420
Thallium, Total	2.6	0.47 J	ND	ND	ND	ND	ND	0.41 J	0.42 J
Vanadium, Total	550	18	16 B	30 B	16 B	22 B	26	28	17
Zinc, Total	5100	59	52	66	67	54	50	56	50
<b>TCLP Metals (mg/l)</b>									
Arsenic, TCLP	0.05	ND	ND	ND	ND	0.013 J	ND	ND	ND
Barium, TCLP	2	0.51	0.6	0.63	0.34 J	0.88	0.72	0.41 J	0.31 J
Beryllium, TCLP	0.004	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, TCLP	0.005	ND	ND	ND	ND	ND	ND	0.0024 J	ND
Chromium, TCLP	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, TCLP	1	0.034	0.011 J	0.032	ND	0.018 J	0.018 J	0.032	ND
Copper, TCLP	0.65	ND	ND	ND	ND	ND	ND	ND	ND
Iron, TCLP	5	0.2 J	ND	ND	ND	ND	ND	ND	ND
Lead, TCLP	0.0075	0.0083	ND	ND	ND	ND	ND	ND	ND
Manganese, TCLP	0.15	11	4.2	4.2	0.81	8.2	6.9	4.4	0.68
Mercury, TCLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, TCLP	0.1	0.04	ND	0.02 J	ND	0.047	0.015 J	0.053	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	ND	0.043 J	0.054 J	ND	0.021 J	ND	0.02 J	ND

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

Location	Soil Reference Concentrations <sup>A</sup>	ROW-206	ROW-209	ROW-209	ROW-209	ROW-211	ROW-211	ROW-211	ROW-211
Sample Date		8/15/2022	8/15/2022	8/15/2022	8/15/2022	8/15/2022	8/15/2022	8/15/2022	8/15/2022
Field Sample ID		ROW-206(10-15)-081522	ROW-209(0-5)-081522	ROW-209(5-10)-081522	ROW-209(10-15)-081522	ROW-211(0-5)-081522	ROW-211(5-10)-081522	ROW-211(10-15)-081522	ROW-211(10-15)-081522
ISGS Site Number		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
<b>Parameters</b>									
<b>SPLP Metals (mg/l)</b>									
Arsenic, SPLP	0.05	0.1	0.052	0.029 J	0.058	0.028 J	0.038 J	0.061	0.074
Barium, SPLP	2	0.41 J	0.31 J	0.87	0.25 J	0.44 J	0.79	1	0.3 J
Beryllium, SPLP	0.004	0.0085	0.0047	0.0069 J	0.0054	ND	0.0057	0.0086	0.0057
Cadmium, SPLP	0.005	ND	ND	ND	ND	ND	ND	ND	ND
Chromium, SPLP	0.1	0.15	0.096	0.16	0.1	0.079 J	0.14 J	0.2	0.12
Cobalt, SPLP	1	0.058	0.047	0.05	0.051	0.026	0.04	0.091	0.052
Copper, SPLP	0.65	0.21	0.12	0.14	0.13	0.062	0.084	0.18	0.15
Iron, SPLP	5	200	110	140	120	75 J	130 J	230	140
Lead, SPLP	0.0075	0.088	0.077	0.069	0.071	0.036	0.06	0.075	0.069
Manganese, SPLP	0.15	0.88	1.1	1.2	0.46	0.65	0.89	1.5	0.49
Mercury, SPLP	0.002	ND	0.00022	0.0013	0.00021	0.00023	0.00027	0.00084	ND
Nickel, SPLP	0.1	0.21	0.11	0.13	0.15	0.062	0.089	0.23	0.16
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	0.28 J	0.36 J	0.3 J	0.18 J	0.29 J	0.5	0.34 J

**Notes:**

- - not applicable or value not available.
- <sup>A</sup> - Soil reference concentrations from MAC Table. Background values
- J - Estimated concentration.
- ND - Constituent not detected above the reporting limit.
- Shaded values indicate concentration **exceeds** Reference Concentration.

## ANALYTICAL REPORT

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

Laboratory Job ID: 500-216572-1  
Client Project/Site: IDOT - I-80 - WO 019

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

Attn: Mr. Andris Slesers



Authorized for release by:  
5/27/2022 5:38:53 PM

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

[Richard.Wright@et.eurofinsus.com](mailto:Richard.Wright@et.eurofinsus.com)

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

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

# Client Sample Results

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

Job ID: 500-216572-1

**Client Sample ID: ROW-157(0-4)-051222**

**Lab Sample ID: 500-216572-1**

**Date Collected: 05/12/22 12:00**

**Matrix: Solid**

**Date Received: 05/13/22 11:20**

**Percent Solids: 87.2**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0076	mg/Kg	☼	05/13/22 18:26	05/22/22 08:12	1
Benzene	<0.0017		0.0017	0.00044	mg/Kg	☼	05/13/22 18:26	05/22/22 08:12	1
Bromodichloromethane	<0.0017		0.0017	0.00035	mg/Kg	☼	05/13/22 18:26	05/22/22 08:12	1
Bromoform	<0.0017		0.0017	0.00051	mg/Kg	☼	05/13/22 18:26	05/22/22 08:12	1
Bromomethane	<0.0044		0.0044	0.0016	mg/Kg	☼	05/13/22 18:26	05/22/22 08:12	1
Carbon disulfide	<0.0044		0.0044	0.00091	mg/Kg	☼	05/13/22 18:26	05/22/22 08:12	1
Carbon tetrachloride	<0.0017		0.0017	0.00051	mg/Kg	☼	05/13/22 18:26	05/22/22 08:12	1
Chlorobenzene	<0.0017		0.0017	0.00064	mg/Kg	☼	05/13/22 18:26	05/22/22 08:12	1
Chloroethane	<0.0044		0.0044	0.0013	mg/Kg	☼	05/13/22 18:26	05/22/22 08:12	1
Chloroform	<0.0017		0.0017	0.00060	mg/Kg	☼	05/13/22 18:26	05/22/22 08:12	1
Chloromethane	<0.0044		0.0044	0.0018	mg/Kg	☼	05/13/22 18:26	05/22/22 08:12	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00049	mg/Kg	☼	05/13/22 18:26	05/22/22 08:12	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00053	mg/Kg	☼	05/13/22 18:26	05/22/22 08:12	1
Dibromochloromethane	<0.0017		0.0017	0.00057	mg/Kg	☼	05/13/22 18:26	05/22/22 08:12	1
1,1-Dichloroethane	<0.0017		0.0017	0.00060	mg/Kg	☼	05/13/22 18:26	05/22/22 08:12	1
1,2-Dichloroethane	<0.0044		0.0044	0.0014	mg/Kg	☼	05/13/22 18:26	05/22/22 08:12	1
1,1-Dichloroethene	<0.0017		0.0017	0.00060	mg/Kg	☼	05/13/22 18:26	05/22/22 08:12	1
1,2-Dichloropropane	<0.0017		0.0017	0.00045	mg/Kg	☼	05/13/22 18:26	05/22/22 08:12	1
1,3-Dichloropropane, Total	<0.0017		0.0017	0.00061	mg/Kg	☼	05/13/22 18:26	05/22/22 08:12	1
Ethylbenzene	<0.0017		0.0017	0.00083	mg/Kg	☼	05/13/22 18:26	05/22/22 08:12	1
2-Hexanone	<0.0044		0.0044	0.0014	mg/Kg	☼	05/13/22 18:26	05/22/22 08:12	1
Methylene Chloride	<0.0044		0.0044	0.0017	mg/Kg	☼	05/13/22 18:26	05/22/22 08:12	1
Methyl Ethyl Ketone	<0.0044		0.0044	0.0019	mg/Kg	☼	05/13/22 18:26	05/22/22 08:12	1
methyl isobutyl ketone	<0.0044		0.0044	0.0013	mg/Kg	☼	05/13/22 18:26	05/22/22 08:12	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00051	mg/Kg	☼	05/13/22 18:26	05/22/22 08:12	1
Styrene	<0.0017		0.0017	0.00053	mg/Kg	☼	05/13/22 18:26	05/22/22 08:12	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00056	mg/Kg	☼	05/13/22 18:26	05/22/22 08:12	1
Tetrachloroethene	<0.0017		0.0017	0.00059	mg/Kg	☼	05/13/22 18:26	05/22/22 08:12	1
Toluene	<0.0017		0.0017	0.00044	mg/Kg	☼	05/13/22 18:26	05/22/22 08:12	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00077	mg/Kg	☼	05/13/22 18:26	05/22/22 08:12	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00061	mg/Kg	☼	05/13/22 18:26	05/22/22 08:12	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00058	mg/Kg	☼	05/13/22 18:26	05/22/22 08:12	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00075	mg/Kg	☼	05/13/22 18:26	05/22/22 08:12	1
Trichloroethene	<0.0017		0.0017	0.00059	mg/Kg	☼	05/13/22 18:26	05/22/22 08:12	1
Vinyl chloride	<0.0017		0.0017	0.00077	mg/Kg	☼	05/13/22 18:26	05/22/22 08:12	1
Xylenes, Total	<0.0035		0.0035	0.00056	mg/Kg	☼	05/13/22 18:26	05/22/22 08:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		75 - 131	05/13/22 18:26	05/22/22 08:12	1
Dibromofluoromethane (Surr)	104		75 - 126	05/13/22 18:26	05/22/22 08:12	1
1,2-Dichloroethane-d4 (Surr)	107		70 - 134	05/13/22 18:26	05/22/22 08:12	1
Toluene-d8 (Surr)	99		75 - 124	05/13/22 18:26	05/22/22 08:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1

Eurofins Chicago

# Client Sample Results

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

Job ID: 500-216572-1

**Client Sample ID: ROW-157(0-4)-051222**

**Lab Sample ID: 500-216572-1**

**Date Collected: 05/12/22 12:00**

**Matrix: Solid**

**Date Received: 05/13/22 11:20**

**Percent Solids: 87.2**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.086	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
2,4-Dichlorophenol	<0.38		0.38	0.090	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
2,4-Dimethylphenol	<0.38		0.38	0.14	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
2,4-Dinitrophenol	<0.76		0.76	0.67	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
2,4-Dinitrotoluene	<0.19		0.19	0.060	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
2,6-Dinitrotoluene	<0.19		0.19	0.074	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
2-Chlorophenol	<0.19		0.19	0.065	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
2-Methylnaphthalene	<0.076		0.076	0.0070	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
2-Methylphenol	<0.19		0.19	0.061	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
2-Nitrophenol	<0.38		0.38	0.090	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
3 & 4 Methylphenol	<0.19		0.19	0.063	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.053	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.30	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
4-Chloroaniline	<0.76		0.76	0.18	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
4-Nitrophenol	<0.76	F1	0.76	0.36	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
Acenaphthene	<0.038		0.038	0.0068	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
Acenaphthylene	<0.038		0.038	0.0050	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
Anthracene	<0.038		0.038	0.0063	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
Benzo[a]anthracene	<0.038		0.038	0.0051	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
Benzo[a]pyrene	<0.038		0.038	0.0073	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
Benzo[b]fluoranthene	<0.038		0.038	0.0082	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
Benzo[g,h,i]perylene	<0.038		0.038	0.012	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
Benzo[k]fluoranthene	<0.038		0.038	0.011	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
Bis(2-chloroethyl)ether	<0.19	F1	0.19	0.057	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.069	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
Butyl benzyl phthalate	<0.19		0.19	0.072	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
Carbazole	<0.19		0.19	0.095	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
Chrysene	<0.038		0.038	0.010	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
Dibenz(a,h)anthracene	<0.038		0.038	0.0073	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
Diethyl phthalate	<0.19		0.19	0.064	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
Di-n-butyl phthalate	<0.19		0.19	0.058	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
Di-n-octyl phthalate	<0.19		0.19	0.062	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
Fluoranthene	<0.038		0.038	0.0070	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
Fluorene	<0.038		0.038	0.0053	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
Hexachlorobenzene	<0.076		0.076	0.0088	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
Hexachlorobutadiene	<0.19		0.19	0.060	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
Hexachlorocyclopentadiene	<0.76	F1 *	0.76	0.22	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
Hexachloroethane	<0.19		0.19	0.058	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1

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# Client Sample Results

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

Job ID: 500-216572-1

**Client Sample ID: ROW-157(0-4)-051222**

**Lab Sample ID: 500-216572-1**

**Date Collected: 05/12/22 12:00**

**Matrix: Solid**

**Date Received: 05/13/22 11:20**

**Percent Solids: 87.2**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.038		0.038	0.0098	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
Naphthalene	<0.038		0.038	0.0058	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
Nitrobenzene	<0.038		0.038	0.0095	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.046	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
Pentachlorophenol	<0.76		0.76	0.61	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
Phenanthrene	<0.038		0.038	0.0053	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
Phenol	<0.19		0.19	0.084	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1
Pyrene	<0.038		0.038	0.0075	mg/Kg	☼	05/25/22 05:33	05/26/22 11:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	74		31 - 143	05/25/22 05:33	05/26/22 11:09	1
2-Fluorobiphenyl (Surr)	71		43 - 145	05/25/22 05:33	05/26/22 11:09	1
2-Fluorophenol (Surr)	95		31 - 166	05/25/22 05:33	05/26/22 11:09	1
Nitrobenzene-d5 (Surr)	68		37 - 147	05/25/22 05:33	05/26/22 11:09	1
Phenol-d5 (Surr)	111		30 - 153	05/25/22 05:33	05/26/22 11:09	1
Terphenyl-d14 (Surr)	111		42 - 157	05/25/22 05:33	05/26/22 11:09	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		05/19/22 18:23	05/20/22 23:18	1
<b>Barium</b>	<b>0.31</b>	<b>J</b>	0.50	0.050	mg/L		05/19/22 18:23	05/20/22 23:18	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/19/22 18:23	05/20/22 23:18	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/19/22 18:23	05/20/22 23:18	1
Chromium	<0.025		0.025	0.010	mg/L		05/19/22 18:23	05/20/22 23:18	1
Cobalt	<0.025		0.025	0.010	mg/L		05/19/22 18:23	05/20/22 23:18	1
Copper	<0.025		0.025	0.010	mg/L		05/19/22 18:23	05/20/22 23:18	1
Iron	<0.40		0.40	0.20	mg/L		05/19/22 18:23	05/20/22 23:18	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/19/22 18:23	05/20/22 23:18	1
<b>Manganese</b>	<b>0.98</b>		0.025	0.010	mg/L		05/19/22 18:23	05/20/22 23:18	1
Nickel	<0.025		0.025	0.010	mg/L		05/19/22 18:23	05/20/22 23:18	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 18:23	05/20/22 23:18	1
Silver	<0.025		0.025	0.010	mg/L		05/19/22 18:23	05/20/22 23:18	1
<b>Zinc</b>	<b>0.058</b>	<b>J</b>	0.50	0.020	mg/L		05/19/22 18:23	05/20/22 23:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.047</b>	<b>J</b>	0.050	0.010	mg/L		05/19/22 18:26	05/20/22 21:50	1
<b>Barium</b>	<b>0.23</b>	<b>J</b>	0.50	0.050	mg/L		05/19/22 18:26	05/20/22 21:50	1
<b>Beryllium</b>	<b>0.0049</b>		0.0040	0.0040	mg/L		05/19/22 18:26	05/20/22 21:50	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/19/22 18:26	05/20/22 21:50	1
<b>Chromium</b>	<b>0.092</b>		0.025	0.010	mg/L		05/19/22 18:26	05/20/22 21:50	1
<b>Cobalt</b>	<b>0.036</b>		0.025	0.010	mg/L		05/19/22 18:26	05/20/22 21:50	1
<b>Copper</b>	<b>0.13</b>		0.025	0.010	mg/L		05/19/22 18:26	05/20/22 21:50	1
<b>Iron</b>	<b>110</b>		0.40	0.20	mg/L		05/19/22 18:26	05/20/22 21:50	1
<b>Lead</b>	<b>0.058</b>		0.0075	0.0075	mg/L		05/19/22 18:26	05/20/22 21:50	1
<b>Manganese</b>	<b>0.49</b>		0.025	0.010	mg/L		05/19/22 18:26	05/20/22 21:50	1
<b>Nickel</b>	<b>0.12</b>		0.025	0.010	mg/L		05/19/22 18:26	05/20/22 21:50	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 18:26	05/20/22 21:50	1

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# Client Sample Results

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

Job ID: 500-216572-1

**Client Sample ID: ROW-157(0-4)-051222**

**Lab Sample ID: 500-216572-1**

Date Collected: 05/12/22 12:00

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 87.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		05/19/22 18:26	05/20/22 21:50	1
<b>Zinc</b>	<b>0.29</b>	<b>J</b>	0.50	0.020	mg/L		05/19/22 18:26	05/20/22 21:50	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>6900</b>	<b>B</b>	11	4.6	mg/Kg	☆	05/18/22 16:24	05/19/22 20:56	1
<b>Antimony</b>	<b>0.70</b>	<b>J B</b>	1.1	0.22	mg/Kg	☆	05/18/22 16:24	05/19/22 20:56	1
<b>Arsenic</b>	<b>6.6</b>		0.56	0.19	mg/Kg	☆	05/18/22 16:24	05/19/22 20:56	1
<b>Barium</b>	<b>29</b>		1.1	0.13	mg/Kg	☆	05/18/22 16:24	05/20/22 21:16	2
<b>Beryllium</b>	<b>0.37</b>		0.22	0.052	mg/Kg	☆	05/18/22 16:24	05/21/22 01:09	1
<b>Cadmium</b>	<b>0.072</b>	<b>J B</b>	0.11	0.020	mg/Kg	☆	05/18/22 16:24	05/19/22 20:56	1
<b>Calcium</b>	<b>90000</b>	<b>B</b>	56	9.5	mg/Kg	☆	05/18/22 16:24	05/23/22 15:07	5
<b>Chromium</b>	<b>11</b>	<b>B</b>	0.56	0.28	mg/Kg	☆	05/18/22 16:24	05/19/22 20:56	1
<b>Cobalt</b>	<b>10</b>		0.28	0.074	mg/Kg	☆	05/18/22 16:24	05/19/22 20:56	1
<b>Copper</b>	<b>20</b>	<b>B</b>	0.56	0.16	mg/Kg	☆	05/18/22 16:24	05/19/22 20:56	1
<b>Iron</b>	<b>17000</b>	<b>B</b>	22	12	mg/Kg	☆	05/18/22 16:24	05/20/22 21:16	2
<b>Lead</b>	<b>12</b>		0.28	0.13	mg/Kg	☆	05/18/22 16:24	05/19/22 20:56	1
<b>Magnesium</b>	<b>45000</b>	<b>B</b>	11	5.6	mg/Kg	☆	05/18/22 16:24	05/20/22 21:16	2
<b>Manganese</b>	<b>350</b>	<b>B</b>	0.56	0.081	mg/Kg	☆	05/18/22 16:24	05/19/22 20:56	1
<b>Nickel</b>	<b>23</b>		0.56	0.16	mg/Kg	☆	05/18/22 16:24	05/19/22 20:56	1
<b>Potassium</b>	<b>1500</b>		28	9.9	mg/Kg	☆	05/18/22 16:24	05/19/22 20:56	1
Selenium	<0.56		0.56	0.33	mg/Kg	☆	05/18/22 16:24	05/21/22 01:09	1
Silver	<0.28		0.28	0.072	mg/Kg	☆	05/18/22 16:24	05/21/22 01:09	1
<b>Sodium</b>	<b>610</b>		56	8.3	mg/Kg	☆	05/18/22 16:24	05/19/22 20:56	1
Thallium	<0.56		0.56	0.28	mg/Kg	☆	05/18/22 16:24	05/19/22 20:56	1
<b>Vanadium</b>	<b>14</b>		0.28	0.066	mg/Kg	☆	05/18/22 16:24	05/19/22 20:56	1
<b>Zinc</b>	<b>43</b>	<b>B</b>	1.1	0.49	mg/Kg	☆	05/18/22 16:24	05/19/22 20:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/20/22 11:25	05/23/22 10:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/20/22 11:25	05/23/22 12:42	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.025</b>		0.018	0.0060	mg/Kg	☆	05/18/22 15:15	05/19/22 08:10	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.6</b>		0.2	0.2	SU			05/17/22 22:10	1



# Client Sample Results

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

Job ID: 500-216572-1

**Client Sample ID: ROW-157(0-4)-051222D**

**Lab Sample ID: 500-216572-2**

**Date Collected: 05/12/22 12:00**

**Matrix: Solid**

**Date Received: 05/13/22 11:20**

**Percent Solids: 83.2**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018		0.018	0.0076	mg/Kg	☼	05/13/22 18:26	05/22/22 08:38	1
Benzene	<0.0018		0.0018	0.00045	mg/Kg	☼	05/13/22 18:26	05/22/22 08:38	1
Bromodichloromethane	<0.0018		0.0018	0.00036	mg/Kg	☼	05/13/22 18:26	05/22/22 08:38	1
Bromoform	<0.0018		0.0018	0.00051	mg/Kg	☼	05/13/22 18:26	05/22/22 08:38	1
Bromomethane	<0.0044		0.0044	0.0017	mg/Kg	☼	05/13/22 18:26	05/22/22 08:38	1
Carbon disulfide	<0.0044		0.0044	0.00091	mg/Kg	☼	05/13/22 18:26	05/22/22 08:38	1
Carbon tetrachloride	<0.0018		0.0018	0.00051	mg/Kg	☼	05/13/22 18:26	05/22/22 08:38	1
Chlorobenzene	<0.0018		0.0018	0.00065	mg/Kg	☼	05/13/22 18:26	05/22/22 08:38	1
Chloroethane	<0.0044		0.0044	0.0013	mg/Kg	☼	05/13/22 18:26	05/22/22 08:38	1
Chloroform	<0.0018		0.0018	0.00061	mg/Kg	☼	05/13/22 18:26	05/22/22 08:38	1
Chloromethane	<0.0044		0.0044	0.0018	mg/Kg	☼	05/13/22 18:26	05/22/22 08:38	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00049	mg/Kg	☼	05/13/22 18:26	05/22/22 08:38	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00053	mg/Kg	☼	05/13/22 18:26	05/22/22 08:38	1
Dibromochloromethane	<0.0018		0.0018	0.00057	mg/Kg	☼	05/13/22 18:26	05/22/22 08:38	1
1,1-Dichloroethane	<0.0018		0.0018	0.00060	mg/Kg	☼	05/13/22 18:26	05/22/22 08:38	1
1,2-Dichloroethane	<0.0044		0.0044	0.0014	mg/Kg	☼	05/13/22 18:26	05/22/22 08:38	1
1,1-Dichloroethene	<0.0018		0.0018	0.00060	mg/Kg	☼	05/13/22 18:26	05/22/22 08:38	1
1,2-Dichloropropane	<0.0018		0.0018	0.00045	mg/Kg	☼	05/13/22 18:26	05/22/22 08:38	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00062	mg/Kg	☼	05/13/22 18:26	05/22/22 08:38	1
Ethylbenzene	<0.0018		0.0018	0.00084	mg/Kg	☼	05/13/22 18:26	05/22/22 08:38	1
2-Hexanone	<0.0044		0.0044	0.0014	mg/Kg	☼	05/13/22 18:26	05/22/22 08:38	1
Methylene Chloride	<0.0044		0.0044	0.0017	mg/Kg	☼	05/13/22 18:26	05/22/22 08:38	1
Methyl Ethyl Ketone	<0.0044		0.0044	0.0019	mg/Kg	☼	05/13/22 18:26	05/22/22 08:38	1
methyl isobutyl ketone	<0.0044		0.0044	0.0013	mg/Kg	☼	05/13/22 18:26	05/22/22 08:38	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00052	mg/Kg	☼	05/13/22 18:26	05/22/22 08:38	1
Styrene	<0.0018		0.0018	0.00053	mg/Kg	☼	05/13/22 18:26	05/22/22 08:38	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00056	mg/Kg	☼	05/13/22 18:26	05/22/22 08:38	1
Tetrachloroethene	<0.0018		0.0018	0.00060	mg/Kg	☼	05/13/22 18:26	05/22/22 08:38	1
Toluene	<0.0018		0.0018	0.00044	mg/Kg	☼	05/13/22 18:26	05/22/22 08:38	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00078	mg/Kg	☼	05/13/22 18:26	05/22/22 08:38	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00062	mg/Kg	☼	05/13/22 18:26	05/22/22 08:38	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00059	mg/Kg	☼	05/13/22 18:26	05/22/22 08:38	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00075	mg/Kg	☼	05/13/22 18:26	05/22/22 08:38	1
Trichloroethene	<0.0018		0.0018	0.00059	mg/Kg	☼	05/13/22 18:26	05/22/22 08:38	1
Vinyl chloride	<0.0018		0.0018	0.00078	mg/Kg	☼	05/13/22 18:26	05/22/22 08:38	1
Xylenes, Total	<0.0035		0.0035	0.00056	mg/Kg	☼	05/13/22 18:26	05/22/22 08:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		75 - 131	05/13/22 18:26	05/22/22 08:38	1
Dibromofluoromethane (Surr)	110		75 - 126	05/13/22 18:26	05/22/22 08:38	1
1,2-Dichloroethane-d4 (Surr)	108		70 - 134	05/13/22 18:26	05/22/22 08:38	1
Toluene-d8 (Surr)	92		75 - 124	05/13/22 18:26	05/22/22 08:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.045	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1

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# Client Sample Results

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

Job ID: 500-216572-1

**Client Sample ID: ROW-157(0-4)-051222D**

**Lab Sample ID: 500-216572-2**

**Date Collected: 05/12/22 12:00**

**Matrix: Solid**

**Date Received: 05/13/22 11:20**

**Percent Solids: 83.2**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.088	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
2,4-Dichlorophenol	<0.38		0.38	0.092	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
2,4-Dimethylphenol	<0.38		0.38	0.15	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
2,4-Dinitrophenol	<0.78		0.78	0.68	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
2,4-Dinitrotoluene	<0.19		0.19	0.061	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
2,6-Dinitrotoluene	<0.19		0.19	0.076	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
2-Chloronaphthalene	<0.19		0.19	0.043	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
2-Chlorophenol	<0.19		0.19	0.066	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
2-Methylnaphthalene	<0.078		0.078	0.0071	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
2-Methylphenol	<0.19		0.19	0.062	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
2-Nitroaniline	<0.19		0.19	0.052	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
2-Nitrophenol	<0.38		0.38	0.091	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
3 & 4 Methylphenol	<0.19		0.19	0.064	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.054	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
4,6-Dinitro-2-methylphenol	<0.78		0.78	0.31	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.051	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
4-Chloroaniline	<0.78		0.78	0.18	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
4-Nitrophenol	<0.78		0.78	0.37	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
Acenaphthene	<0.038		0.038	0.0069	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
Acenaphthylene	<0.038		0.038	0.0051	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
Anthracene	<0.038		0.038	0.0064	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
Benzo[a]anthracene	<0.038		0.038	0.0052	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
Benzo[a]pyrene	<0.038		0.038	0.0075	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
Benzo[b]fluoranthene	<0.038		0.038	0.0083	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
Benzo[g,h,i]perylene	<0.038		0.038	0.012	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
Benzo[k]fluoranthene	<0.038		0.038	0.011	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.058	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.070	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
Butyl benzyl phthalate	<0.19		0.19	0.073	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
Carbazole	<0.19		0.19	0.096	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
Chrysene	<0.038		0.038	0.011	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
Dibenz(a,h)anthracene	<0.038		0.038	0.0074	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
Diethyl phthalate	<0.19		0.19	0.065	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
Di-n-butyl phthalate	<0.19		0.19	0.059	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
Di-n-octyl phthalate	<0.19		0.19	0.063	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
Fluoranthene	<0.038		0.038	0.0071	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
Fluorene	<0.038		0.038	0.0054	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
Hexachlorobenzene	<0.078		0.078	0.0089	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
Hexachlorobutadiene	<0.19		0.19	0.061	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
Hexachlorocyclopentadiene	<0.78	*	0.78	0.22	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
Hexachloroethane	<0.19		0.19	0.059	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1

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# Client Sample Results

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

Job ID: 500-216572-1

**Client Sample ID: ROW-157(0-4)-051222D**

**Lab Sample ID: 500-216572-2**

**Date Collected: 05/12/22 12:00**

**Matrix: Solid**

**Date Received: 05/13/22 11:20**

**Percent Solids: 83.2**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.038		0.038	0.010	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
Naphthalene	<0.038		0.038	0.0059	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
Nitrobenzene	<0.038		0.038	0.0096	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
N-Nitrosodi-n-propylamine	<0.078		0.078	0.047	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
Pentachlorophenol	<0.78		0.78	0.62	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
Phenanthrene	<0.038		0.038	0.0054	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
Phenol	<0.19		0.19	0.086	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1
Pyrene	<0.038		0.038	0.0077	mg/Kg	☼	05/25/22 05:33	05/26/22 12:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	71		31 - 143	05/25/22 05:33	05/26/22 12:57	1
2-Fluorobiphenyl (Surr)	75		43 - 145	05/25/22 05:33	05/26/22 12:57	1
2-Fluorophenol (Surr)	92		31 - 166	05/25/22 05:33	05/26/22 12:57	1
Nitrobenzene-d5 (Surr)	79		37 - 147	05/25/22 05:33	05/26/22 12:57	1
Phenol-d5 (Surr)	67		30 - 153	05/25/22 05:33	05/26/22 12:57	1
Terphenyl-d14 (Surr)	113		42 - 157	05/25/22 05:33	05/26/22 12:57	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		05/19/22 18:23	05/21/22 00:41	1
<b>Barium</b>	<b>0.36</b>	<b>J</b>	0.50	0.050	mg/L		05/19/22 18:23	05/21/22 00:41	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/19/22 18:23	05/21/22 00:41	1
<b>Cadmium</b>	<b>0.0022</b>	<b>J</b>	0.0050	0.0020	mg/L		05/19/22 18:23	05/21/22 00:41	1
Chromium	<0.025		0.025	0.010	mg/L		05/19/22 18:23	05/21/22 00:41	1
<b>Cobalt</b>	<b>0.045</b>		0.025	0.010	mg/L		05/19/22 18:23	05/21/22 00:41	1
Copper	<0.025		0.025	0.010	mg/L		05/19/22 18:23	05/21/22 00:41	1
Iron	<0.40		0.40	0.20	mg/L		05/19/22 18:23	05/21/22 00:41	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/19/22 18:23	05/23/22 11:39	1
<b>Manganese</b>	<b>3.8</b>		0.025	0.010	mg/L		05/19/22 18:23	05/21/22 00:41	1
<b>Nickel</b>	<b>0.048</b>		0.025	0.010	mg/L		05/19/22 18:23	05/21/22 00:41	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 18:23	05/21/22 00:41	1
Silver	<0.025		0.025	0.010	mg/L		05/19/22 18:23	05/21/22 00:41	1
Zinc	<0.50		0.50	0.020	mg/L		05/19/22 18:23	05/21/22 00:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.067</b>		0.050	0.010	mg/L		05/19/22 18:26	05/20/22 21:53	1
<b>Barium</b>	<b>0.35</b>	<b>J</b>	0.50	0.050	mg/L		05/19/22 18:26	05/20/22 21:53	1
<b>Beryllium</b>	<b>0.0068</b>		0.0040	0.0040	mg/L		05/19/22 18:26	05/20/22 21:53	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/19/22 18:26	05/20/22 21:53	1
<b>Chromium</b>	<b>0.13</b>		0.025	0.010	mg/L		05/19/22 18:26	05/20/22 21:53	1
<b>Cobalt</b>	<b>0.054</b>		0.025	0.010	mg/L		05/19/22 18:26	05/20/22 21:53	1
<b>Copper</b>	<b>0.19</b>		0.025	0.010	mg/L		05/19/22 18:26	05/20/22 21:53	1
<b>Iron</b>	<b>160</b>		0.40	0.20	mg/L		05/19/22 18:26	05/20/22 21:53	1
<b>Lead</b>	<b>0.081</b>		0.0075	0.0075	mg/L		05/19/22 18:26	05/20/22 21:53	1
<b>Manganese</b>	<b>0.71</b>		0.025	0.010	mg/L		05/19/22 18:26	05/20/22 21:53	1
<b>Nickel</b>	<b>0.17</b>		0.025	0.010	mg/L		05/19/22 18:26	05/20/22 21:53	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 18:26	05/20/22 21:53	1

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# Client Sample Results

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

Job ID: 500-216572-1

**Client Sample ID: ROW-157(0-4)-051222D**

**Lab Sample ID: 500-216572-2**

Date Collected: 05/12/22 12:00

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 83.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		05/19/22 18:26	05/20/22 21:53	1
<b>Zinc</b>	<b>0.38</b>	<b>J</b>	0.50	0.020	mg/L		05/19/22 18:26	05/20/22 21:53	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>6400</b>	<b>B</b>	11	4.6	mg/Kg	☆	05/18/22 16:24	05/19/22 20:59	1
<b>Antimony</b>	<b>0.51</b>	<b>J B F1</b>	1.1	0.22	mg/Kg	☆	05/18/22 16:24	05/19/22 20:59	1
<b>Arsenic</b>	<b>7.2</b>		0.56	0.19	mg/Kg	☆	05/18/22 16:24	05/19/22 20:59	1
<b>Barium</b>	<b>28</b>		1.1	0.13	mg/Kg	☆	05/18/22 16:24	05/20/22 21:19	2
<b>Beryllium</b>	<b>0.38</b>		0.23	0.053	mg/Kg	☆	05/18/22 16:24	05/21/22 01:12	1
<b>Cadmium</b>	<b>0.071</b>	<b>J B</b>	0.11	0.020	mg/Kg	☆	05/18/22 16:24	05/19/22 20:59	1
<b>Calcium</b>	<b>95000</b>	<b>B</b>	56	9.6	mg/Kg	☆	05/18/22 16:24	05/23/22 15:10	5
<b>Chromium</b>	<b>11</b>	<b>B</b>	0.56	0.28	mg/Kg	☆	05/18/22 16:24	05/19/22 20:59	1
<b>Cobalt</b>	<b>9.9</b>		0.28	0.074	mg/Kg	☆	05/18/22 16:24	05/19/22 20:59	1
<b>Copper</b>	<b>20</b>	<b>B F1</b>	0.56	0.16	mg/Kg	☆	05/18/22 16:24	05/19/22 20:59	1
<b>Iron</b>	<b>15000</b>	<b>B</b>	23	12	mg/Kg	☆	05/18/22 16:24	05/20/22 21:19	2
<b>Lead</b>	<b>11</b>	<b>F1</b>	0.28	0.13	mg/Kg	☆	05/18/22 16:24	05/19/22 20:59	1
<b>Magnesium</b>	<b>47000</b>	<b>B</b>	11	5.6	mg/Kg	☆	05/18/22 16:24	05/20/22 21:19	2
<b>Manganese</b>	<b>400</b>	<b>B</b>	0.56	0.082	mg/Kg	☆	05/18/22 16:24	05/19/22 20:59	1
<b>Nickel</b>	<b>23</b>		0.56	0.16	mg/Kg	☆	05/18/22 16:24	05/19/22 20:59	1
<b>Potassium</b>	<b>1400</b>	<b>F1</b>	28	10	mg/Kg	☆	05/18/22 16:24	05/19/22 20:59	1
Selenium	<0.56	F1	0.56	0.33	mg/Kg	☆	05/18/22 16:24	05/21/22 01:12	1
Silver	<0.28	F1	0.28	0.073	mg/Kg	☆	05/18/22 16:24	05/21/22 01:12	1
<b>Sodium</b>	<b>600</b>		56	8.4	mg/Kg	☆	05/18/22 16:24	05/19/22 20:59	1
<b>Thallium</b>	<b>0.28</b>	<b>J</b>	0.56	0.28	mg/Kg	☆	05/18/22 16:24	05/19/22 20:59	1
<b>Vanadium</b>	<b>14</b>		0.28	0.067	mg/Kg	☆	05/18/22 16:24	05/19/22 20:59	1
<b>Zinc</b>	<b>37</b>	<b>B F1</b>	1.1	0.50	mg/Kg	☆	05/18/22 16:24	05/19/22 20:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/20/22 11:25	05/23/22 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/20/22 11:25	05/23/22 12:44	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.055</b>		0.018	0.0062	mg/Kg	☆	05/18/22 15:15	05/19/22 08:12	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.7</b>		0.2	0.2	SU			05/17/22 22:12	1

# Client Sample Results

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

Job ID: 500-216572-1

**Client Sample ID: ROW-157(4-9)-051222**

**Lab Sample ID: 500-216572-3**

**Date Collected: 05/12/22 12:05**

**Matrix: Solid**

**Date Received: 05/13/22 11:20**

**Percent Solids: 89.6**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.020		0.020	0.0088	mg/Kg	☆	05/13/22 18:26	05/22/22 09:03	1
Benzene	<0.0020		0.0020	0.00052	mg/Kg	☆	05/13/22 18:26	05/22/22 09:03	1
Bromodichloromethane	<0.0020		0.0020	0.00041	mg/Kg	☆	05/13/22 18:26	05/22/22 09:03	1
Bromoform	<0.0020		0.0020	0.00059	mg/Kg	☆	05/13/22 18:26	05/22/22 09:03	1
Bromomethane	<0.0051		0.0051	0.0019	mg/Kg	☆	05/13/22 18:26	05/22/22 09:03	1
Carbon disulfide	<0.0051		0.0051	0.0011	mg/Kg	☆	05/13/22 18:26	05/22/22 09:03	1
Carbon tetrachloride	<0.0020		0.0020	0.00059	mg/Kg	☆	05/13/22 18:26	05/22/22 09:03	1
Chlorobenzene	<0.0020		0.0020	0.00075	mg/Kg	☆	05/13/22 18:26	05/22/22 09:03	1
Chloroethane	<0.0051		0.0051	0.0015	mg/Kg	☆	05/13/22 18:26	05/22/22 09:03	1
Chloroform	<0.0020		0.0020	0.00070	mg/Kg	☆	05/13/22 18:26	05/22/22 09:03	1
Chloromethane	<0.0051		0.0051	0.0020	mg/Kg	☆	05/13/22 18:26	05/22/22 09:03	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00057	mg/Kg	☆	05/13/22 18:26	05/22/22 09:03	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00061	mg/Kg	☆	05/13/22 18:26	05/22/22 09:03	1
Dibromochloromethane	<0.0020		0.0020	0.00066	mg/Kg	☆	05/13/22 18:26	05/22/22 09:03	1
1,1-Dichloroethane	<0.0020		0.0020	0.00069	mg/Kg	☆	05/13/22 18:26	05/22/22 09:03	1
1,2-Dichloroethane	<0.0051		0.0051	0.0016	mg/Kg	☆	05/13/22 18:26	05/22/22 09:03	1
1,1-Dichloroethene	<0.0020		0.0020	0.00070	mg/Kg	☆	05/13/22 18:26	05/22/22 09:03	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg	☆	05/13/22 18:26	05/22/22 09:03	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00071	mg/Kg	☆	05/13/22 18:26	05/22/22 09:03	1
Ethylbenzene	<0.0020		0.0020	0.00097	mg/Kg	☆	05/13/22 18:26	05/22/22 09:03	1
2-Hexanone	<0.0051		0.0051	0.0016	mg/Kg	☆	05/13/22 18:26	05/22/22 09:03	1
Methylene Chloride	<0.0051		0.0051	0.0020	mg/Kg	☆	05/13/22 18:26	05/22/22 09:03	1
Methyl Ethyl Ketone	<0.0051		0.0051	0.0022	mg/Kg	☆	05/13/22 18:26	05/22/22 09:03	1
methyl isobutyl ketone	<0.0051		0.0051	0.0015	mg/Kg	☆	05/13/22 18:26	05/22/22 09:03	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00059	mg/Kg	☆	05/13/22 18:26	05/22/22 09:03	1
Styrene	<0.0020		0.0020	0.00061	mg/Kg	☆	05/13/22 18:26	05/22/22 09:03	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00065	mg/Kg	☆	05/13/22 18:26	05/22/22 09:03	1
Tetrachloroethene	<0.0020		0.0020	0.00069	mg/Kg	☆	05/13/22 18:26	05/22/22 09:03	1
Toluene	<0.0020		0.0020	0.00051	mg/Kg	☆	05/13/22 18:26	05/22/22 09:03	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00090	mg/Kg	☆	05/13/22 18:26	05/22/22 09:03	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00071	mg/Kg	☆	05/13/22 18:26	05/22/22 09:03	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00068	mg/Kg	☆	05/13/22 18:26	05/22/22 09:03	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00087	mg/Kg	☆	05/13/22 18:26	05/22/22 09:03	1
Trichloroethene	<0.0020		0.0020	0.00068	mg/Kg	☆	05/13/22 18:26	05/22/22 09:03	1
Vinyl chloride	<0.0020		0.0020	0.00089	mg/Kg	☆	05/13/22 18:26	05/22/22 09:03	1
Xylenes, Total	<0.0040		0.0040	0.00065	mg/Kg	☆	05/13/22 18:26	05/22/22 09:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		75 - 131	05/13/22 18:26	05/22/22 09:03	1
Dibromofluoromethane (Surr)	107		75 - 126	05/13/22 18:26	05/22/22 09:03	1
1,2-Dichloroethane-d4 (Surr)	107		70 - 134	05/13/22 18:26	05/22/22 09:03	1
Toluene-d8 (Surr)	93		75 - 124	05/13/22 18:26	05/22/22 09:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.039	mg/Kg	☆	05/25/22 05:33	05/27/22 15:57	1
1,2-Dichlorobenzene	<0.18		0.18	0.043	mg/Kg	☆	05/25/22 05:33	05/27/22 15:57	1
1,3-Dichlorobenzene	<0.18		0.18	0.041	mg/Kg	☆	05/25/22 05:33	05/27/22 15:57	1
1,4-Dichlorobenzene	<0.18		0.18	0.047	mg/Kg	☆	05/25/22 05:33	05/27/22 15:57	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.042	mg/Kg	☆	05/25/22 05:33	05/27/22 15:57	1

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# Client Sample Results

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

Job ID: 500-216572-1

**Client Sample ID: ROW-157(4-9)-051222**

**Lab Sample ID: 500-216572-3**

Date Collected: 05/12/22 12:05

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 89.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.36		0.36	0.083	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
2,4,6-Trichlorophenol	<0.36		0.36	0.12	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
2,4-Dichlorophenol	<0.36		0.36	0.086	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
2,4-Dimethylphenol	<0.36		0.36	0.14	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
2,4-Dinitrophenol	<0.73		0.73	0.64	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
2,4-Dinitrotoluene	<0.18		0.18	0.058	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
2,6-Dinitrotoluene	<0.18		0.18	0.072	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
2-Chloronaphthalene	<0.18		0.18	0.040	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
2-Chlorophenol	<0.18		0.18	0.062	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
2-Methylnaphthalene	<0.073		0.073	0.0067	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
2-Methylphenol	<0.18		0.18	0.058	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
2-Nitroaniline	<0.18		0.18	0.049	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
2-Nitrophenol	<0.36		0.36	0.086	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
3 & 4 Methylphenol	<0.18		0.18	0.061	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.051	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
3-Nitroaniline	<0.36		0.36	0.11	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
4,6-Dinitro-2-methylphenol	<0.73		0.73	0.29	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.048	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
4-Chloro-3-methylphenol	<0.36		0.36	0.12	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
4-Chloroaniline	<0.73		0.73	0.17	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.043	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
4-Nitroaniline	<0.36		0.36	0.15	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
4-Nitrophenol	<0.73		0.73	0.35	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
Acenaphthene	<0.036		0.036	0.0065	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
Acenaphthylene	<0.036		0.036	0.0048	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
<b>Anthracene</b>	<b>0.0090</b>	<b>J</b>	0.036	0.0061	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
<b>Benzo[a]anthracene</b>	<b>0.057</b>		0.036	0.0049	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
<b>Benzo[a]pyrene</b>	<b>0.090</b>	<b>*3</b>	0.036	0.0070	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
<b>Benzo[b]fluoranthene</b>	<b>0.13</b>	<b>*3</b>	0.036	0.0079	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
<b>Benzo[g,h,i]perylene</b>	<b>0.060</b>	<b>*3</b>	0.036	0.012	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
<b>Benzo[k]fluoranthene</b>	<b>0.045</b>	<b>*3</b>	0.036	0.011	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.037	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.055	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.067	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
Butyl benzyl phthalate	<0.18		0.18	0.069	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
Carbazole	<0.18		0.18	0.091	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
<b>Chrysene</b>	<b>0.12</b>		0.036	0.0099	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
<b>Dibenz(a,h)anthracene</b>	<b>0.014</b>	<b>J *3</b>	0.036	0.0070	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
Dibenzofuran	<0.18		0.18	0.043	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
Diethyl phthalate	<0.18		0.18	0.062	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
Dimethyl phthalate	<0.18		0.18	0.048	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
Di-n-butyl phthalate	<0.18		0.18	0.055	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
Di-n-octyl phthalate	<0.18		0.18	0.059	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
<b>Fluoranthene</b>	<b>0.12</b>		0.036	0.0067	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
Fluorene	<0.036		0.036	0.0051	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
Hexachlorobenzene	<0.073		0.073	0.0084	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
Hexachlorobutadiene	<0.18		0.18	0.057	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
Hexachlorocyclopentadiene	<0.73	<b>*</b>	0.73	0.21	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
Hexachloroethane	<0.18		0.18	0.055	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1

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# Client Sample Results

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

Job ID: 500-216572-1

**Client Sample ID: ROW-157(4-9)-051222**

**Lab Sample ID: 500-216572-3**

Date Collected: 05/12/22 12:05

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 89.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.057</b>	<b>*3</b>	0.036	0.0094	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
Isophorone	<0.18		0.18	0.041	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
Naphthalene	<0.036		0.036	0.0056	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
Nitrobenzene	<0.036		0.036	0.0091	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
N-Nitrosodi-n-propylamine	<0.073		0.073	0.044	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
N-Nitrosodiphenylamine	<0.18		0.18	0.043	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
Pentachlorophenol	<0.73		0.73	0.58	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
<b>Phenanthrene</b>	<b>0.059</b>		0.036	0.0051	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
Phenol	<0.18		0.18	0.081	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
<b>Pyrene</b>	<b>0.18</b>		0.036	0.0072	mg/Kg	☼	05/25/22 05:33	05/27/22 15:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	75		31 - 143				05/25/22 05:33	05/27/22 15:57	1
2-Fluorobiphenyl (Surr)	75		43 - 145				05/25/22 05:33	05/27/22 15:57	1
2-Fluorophenol (Surr)	101		31 - 166				05/25/22 05:33	05/27/22 15:57	1
Nitrobenzene-d5 (Surr)	60		37 - 147				05/25/22 05:33	05/27/22 15:57	1
Phenol-d5 (Surr)	102		30 - 153				05/25/22 05:33	05/27/22 15:57	1
Terphenyl-d14 (Surr)	131		42 - 157				05/25/22 05:33	05/27/22 15:57	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		05/19/22 18:23	05/21/22 00:45	1
<b>Barium</b>	<b>0.26</b>	<b>J</b>	0.50	0.050	mg/L		05/19/22 18:23	05/21/22 00:45	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/19/22 18:23	05/21/22 00:45	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/19/22 18:23	05/21/22 00:45	1
Chromium	<0.025		0.025	0.010	mg/L		05/19/22 18:23	05/21/22 00:45	1
<b>Cobalt</b>	<b>0.13</b>		0.025	0.010	mg/L		05/19/22 18:23	05/21/22 00:45	1
Copper	<0.025		0.025	0.010	mg/L		05/19/22 18:23	05/21/22 00:45	1
<b>Iron</b>	<b>0.63</b>		0.40	0.20	mg/L		05/19/22 18:23	05/21/22 00:45	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/19/22 18:23	05/23/22 11:42	1
<b>Manganese</b>	<b>4.5</b>		0.025	0.010	mg/L		05/19/22 18:23	05/21/22 00:45	1
<b>Nickel</b>	<b>0.15</b>		0.025	0.010	mg/L		05/19/22 18:23	05/21/22 00:45	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 18:23	05/21/22 00:45	1
Silver	<0.025		0.025	0.010	mg/L		05/19/22 18:23	05/21/22 00:45	1
<b>Zinc</b>	<b>0.16</b>	<b>J</b>	0.50	0.020	mg/L		05/19/22 18:23	05/21/22 00:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.020</b>	<b>J</b>	0.050	0.010	mg/L		05/19/22 18:26	05/20/22 21:56	1
<b>Barium</b>	<b>0.088</b>	<b>J</b>	0.50	0.050	mg/L		05/19/22 18:26	05/20/22 21:56	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/19/22 18:26	05/20/22 21:56	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/19/22 18:26	05/20/22 21:56	1
<b>Chromium</b>	<b>0.045</b>		0.025	0.010	mg/L		05/19/22 18:26	05/20/22 21:56	1
<b>Cobalt</b>	<b>0.013</b>	<b>J</b>	0.025	0.010	mg/L		05/19/22 18:26	05/20/22 21:56	1
<b>Copper</b>	<b>0.047</b>		0.025	0.010	mg/L		05/19/22 18:26	05/20/22 21:56	1
<b>Iron</b>	<b>43</b>		0.40	0.20	mg/L		05/19/22 18:26	05/20/22 21:56	1
<b>Lead</b>	<b>0.065</b>		0.0075	0.0075	mg/L		05/19/22 18:26	05/20/22 21:56	1
<b>Manganese</b>	<b>0.28</b>		0.025	0.010	mg/L		05/19/22 18:26	05/20/22 21:56	1
<b>Nickel</b>	<b>0.043</b>		0.025	0.010	mg/L		05/19/22 18:26	05/20/22 21:56	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 18:26	05/20/22 21:56	1

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# Client Sample Results

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

Job ID: 500-216572-1

**Client Sample ID: ROW-157(4-9)-051222**

**Lab Sample ID: 500-216572-3**

Date Collected: 05/12/22 12:05

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 89.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		05/19/22 18:26	05/20/22 21:56	1
<b>Zinc</b>	<b>0.082</b>	<b>J</b>	0.50	0.020	mg/L		05/19/22 18:26	05/20/22 21:56	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>3200</b>	<b>B</b>	11	4.4	mg/Kg	☆	05/18/22 16:24	05/19/22 21:15	1
<b>Antimony</b>	<b>0.53</b>	<b>J B</b>	1.1	0.21	mg/Kg	☆	05/18/22 16:24	05/19/22 21:15	1
<b>Arsenic</b>	<b>4.9</b>		0.54	0.18	mg/Kg	☆	05/18/22 16:24	05/19/22 21:15	1
<b>Barium</b>	<b>23</b>		1.1	0.12	mg/Kg	☆	05/18/22 16:24	05/23/22 15:26	2
<b>Beryllium</b>	<b>0.34</b>		0.21	0.050	mg/Kg	☆	05/18/22 16:24	05/21/22 01:39	1
<b>Cadmium</b>	<b>0.091</b>	<b>J B</b>	0.11	0.019	mg/Kg	☆	05/18/22 16:24	05/19/22 21:15	1
<b>Calcium</b>	<b>110000</b>	<b>B</b>	54	9.1	mg/Kg	☆	05/18/22 16:24	05/24/22 11:15	5
<b>Chromium</b>	<b>11</b>	<b>B</b>	0.54	0.27	mg/Kg	☆	05/18/22 16:24	05/19/22 21:15	1
<b>Cobalt</b>	<b>6.4</b>		0.27	0.070	mg/Kg	☆	05/18/22 16:24	05/19/22 21:15	1
<b>Copper</b>	<b>13</b>	<b>B</b>	0.54	0.15	mg/Kg	☆	05/18/22 16:24	05/19/22 21:15	1
<b>Iron</b>	<b>11000</b>	<b>B</b>	21	11	mg/Kg	☆	05/18/22 16:24	05/23/22 15:26	2
<b>Lead</b>	<b>21</b>		0.27	0.12	mg/Kg	☆	05/18/22 16:24	05/19/22 21:15	1
<b>Magnesium</b>	<b>60000</b>	<b>B</b>	11	5.3	mg/Kg	☆	05/18/22 16:24	05/23/22 15:26	2
<b>Manganese</b>	<b>300</b>	<b>B</b>	0.54	0.078	mg/Kg	☆	05/18/22 16:24	05/19/22 21:15	1
<b>Nickel</b>	<b>14</b>		0.54	0.16	mg/Kg	☆	05/18/22 16:24	05/19/22 21:15	1
<b>Potassium</b>	<b>1600</b>		27	9.5	mg/Kg	☆	05/18/22 16:24	05/19/22 21:15	1
Selenium	<0.54		0.54	0.32	mg/Kg	☆	05/18/22 16:24	05/21/22 01:39	1
Silver	<0.27		0.27	0.069	mg/Kg	☆	05/18/22 16:24	05/21/22 01:39	1
<b>Sodium</b>	<b>270</b>		54	8.0	mg/Kg	☆	05/18/22 16:24	05/19/22 21:15	1
<b>Thallium</b>	<b>0.36</b>	<b>J</b>	0.54	0.27	mg/Kg	☆	05/18/22 16:24	05/19/22 21:15	1
<b>Vanadium</b>	<b>8.7</b>		0.27	0.063	mg/Kg	☆	05/18/22 16:24	05/19/22 21:15	1
<b>Zinc</b>	<b>21</b>	<b>B</b>	1.1	0.47	mg/Kg	☆	05/18/22 16:24	05/19/22 21:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/20/22 11:25	05/23/22 11:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/20/22 11:25	05/23/22 12:50	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.019</b>		0.018	0.0060	mg/Kg	☆	05/18/22 15:15	05/19/22 08:14	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.7</b>		0.2	0.2	SU			05/17/22 22:15	1



# Client Sample Results

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

Job ID: 500-216572-1

**Client Sample ID: ROW-142(0-4)-051222**

**Lab Sample ID: 500-216572-5**

**Date Collected: 05/12/22 12:45**

**Matrix: Solid**

**Date Received: 05/13/22 11:20**

**Percent Solids: 83.7**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>0.032</b>		0.018	0.0078	mg/Kg	☼	05/13/22 18:26	05/22/22 09:55	1
Benzene	<0.0018		0.0018	0.00046	mg/Kg	☼	05/13/22 18:26	05/22/22 09:55	1
Bromodichloromethane	<0.0018		0.0018	0.00036	mg/Kg	☼	05/13/22 18:26	05/22/22 09:55	1
Bromoform	<0.0018		0.0018	0.00052	mg/Kg	☼	05/13/22 18:26	05/22/22 09:55	1
Bromomethane	<0.0045		0.0045	0.0017	mg/Kg	☼	05/13/22 18:26	05/22/22 09:55	1
Carbon disulfide	<0.0045		0.0045	0.00093	mg/Kg	☼	05/13/22 18:26	05/22/22 09:55	1
Carbon tetrachloride	<0.0018		0.0018	0.00052	mg/Kg	☼	05/13/22 18:26	05/22/22 09:55	1
Chlorobenzene	<0.0018		0.0018	0.00066	mg/Kg	☼	05/13/22 18:26	05/22/22 09:55	1
Chloroethane	<0.0045		0.0045	0.0013	mg/Kg	☼	05/13/22 18:26	05/22/22 09:55	1
Chloroform	<0.0018		0.0018	0.00062	mg/Kg	☼	05/13/22 18:26	05/22/22 09:55	1
Chloromethane	<0.0045		0.0045	0.0018	mg/Kg	☼	05/13/22 18:26	05/22/22 09:55	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00050	mg/Kg	☼	05/13/22 18:26	05/22/22 09:55	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00054	mg/Kg	☼	05/13/22 18:26	05/22/22 09:55	1
Dibromochloromethane	<0.0018		0.0018	0.00059	mg/Kg	☼	05/13/22 18:26	05/22/22 09:55	1
1,1-Dichloroethane	<0.0018		0.0018	0.00061	mg/Kg	☼	05/13/22 18:26	05/22/22 09:55	1
1,2-Dichloroethane	<0.0045		0.0045	0.0014	mg/Kg	☼	05/13/22 18:26	05/22/22 09:55	1
1,1-Dichloroethene	<0.0018		0.0018	0.00062	mg/Kg	☼	05/13/22 18:26	05/22/22 09:55	1
1,2-Dichloropropane	<0.0018		0.0018	0.00046	mg/Kg	☼	05/13/22 18:26	05/22/22 09:55	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00063	mg/Kg	☼	05/13/22 18:26	05/22/22 09:55	1
Ethylbenzene	<0.0018		0.0018	0.00086	mg/Kg	☼	05/13/22 18:26	05/22/22 09:55	1
2-Hexanone	<0.0045		0.0045	0.0014	mg/Kg	☼	05/13/22 18:26	05/22/22 09:55	1
Methylene Chloride	<0.0045		0.0045	0.0018	mg/Kg	☼	05/13/22 18:26	05/22/22 09:55	1
Methyl Ethyl Ketone	<0.0045		0.0045	0.0020	mg/Kg	☼	05/13/22 18:26	05/22/22 09:55	1
methyl isobutyl ketone	<0.0045		0.0045	0.0013	mg/Kg	☼	05/13/22 18:26	05/22/22 09:55	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00053	mg/Kg	☼	05/13/22 18:26	05/22/22 09:55	1
Styrene	<0.0018		0.0018	0.00054	mg/Kg	☼	05/13/22 18:26	05/22/22 09:55	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00057	mg/Kg	☼	05/13/22 18:26	05/22/22 09:55	1
Tetrachloroethene	<0.0018		0.0018	0.00061	mg/Kg	☼	05/13/22 18:26	05/22/22 09:55	1
Toluene	<0.0018		0.0018	0.00045	mg/Kg	☼	05/13/22 18:26	05/22/22 09:55	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00079	mg/Kg	☼	05/13/22 18:26	05/22/22 09:55	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00063	mg/Kg	☼	05/13/22 18:26	05/22/22 09:55	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00060	mg/Kg	☼	05/13/22 18:26	05/22/22 09:55	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00077	mg/Kg	☼	05/13/22 18:26	05/22/22 09:55	1
Trichloroethene	<0.0018		0.0018	0.00061	mg/Kg	☼	05/13/22 18:26	05/22/22 09:55	1
Vinyl chloride	<0.0018		0.0018	0.00079	mg/Kg	☼	05/13/22 18:26	05/22/22 09:55	1
Xylenes, Total	<0.0036		0.0036	0.00057	mg/Kg	☼	05/13/22 18:26	05/22/22 09:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		75 - 131	05/13/22 18:26	05/22/22 09:55	1
Dibromofluoromethane (Surr)	108		75 - 126	05/13/22 18:26	05/22/22 09:55	1
1,2-Dichloroethane-d4 (Surr)	101		70 - 134	05/13/22 18:26	05/22/22 09:55	1
Toluene-d8 (Surr)	94		75 - 124	05/13/22 18:26	05/22/22 09:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.045	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1

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# Client Sample Results

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

Job ID: 500-216572-1

**Client Sample ID: ROW-142(0-4)-051222**

**Lab Sample ID: 500-216572-5**

Date Collected: 05/12/22 12:45

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 83.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.088	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
2,4-Dichlorophenol	<0.38		0.38	0.091	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
2,4-Dimethylphenol	<0.38		0.38	0.15	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
2,4-Dinitrophenol	<0.77		0.77	0.68	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
2,4-Dinitrotoluene	<0.19		0.19	0.061	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
2,6-Dinitrotoluene	<0.19		0.19	0.076	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
2-Chlorophenol	<0.19		0.19	0.066	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
2-Methylnaphthalene	<0.077		0.077	0.0071	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
2-Methylphenol	<0.19		0.19	0.062	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
2-Nitroaniline	<0.19		0.19	0.052	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
2-Nitrophenol	<0.38		0.38	0.091	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
3 & 4 Methylphenol	<0.19		0.19	0.064	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.054	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
4,6-Dinitro-2-methylphenol	<0.77		0.77	0.31	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.051	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
4-Chloroaniline	<0.77		0.77	0.18	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
4-Nitrophenol	<0.77		0.77	0.37	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
Acenaphthene	<0.038		0.038	0.0069	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
Acenaphthylene	<0.038		0.038	0.0051	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
Anthracene	<0.038		0.038	0.0064	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
Benzo[a]anthracene	<0.038		0.038	0.0052	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
Benzo[a]pyrene	<0.038	*3	0.038	0.0074	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
Benzo[b]fluoranthene	<0.038	*3	0.038	0.0083	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
Benzo[g,h,i]perylene	<0.038	*3	0.038	0.012	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
Benzo[k]fluoranthene	<0.038	*3	0.038	0.011	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.058	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.070	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
Butyl benzyl phthalate	<0.19		0.19	0.073	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
Carbazole	<0.19		0.19	0.096	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
Chrysene	<0.038		0.038	0.010	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
Dibenz(a,h)anthracene	<0.038	*3	0.038	0.0074	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
Diethyl phthalate	<0.19		0.19	0.065	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
Di-n-butyl phthalate	<0.19		0.19	0.059	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
Di-n-octyl phthalate	<0.19		0.19	0.063	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
<b>Fluoranthene</b>	<b>0.012</b>	<b>J</b>	0.038	0.0071	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
Fluorene	<0.038		0.038	0.0054	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
Hexachlorobenzene	<0.077		0.077	0.0089	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
Hexachlorobutadiene	<0.19		0.19	0.060	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
Hexachlorocyclopentadiene	<0.77	*-	0.77	0.22	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
Hexachloroethane	<0.19		0.19	0.058	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1

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# Client Sample Results

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

Job ID: 500-216572-1

**Client Sample ID: ROW-142(0-4)-051222**

**Lab Sample ID: 500-216572-5**

**Date Collected: 05/12/22 12:45**

**Matrix: Solid**

**Date Received: 05/13/22 11:20**

**Percent Solids: 83.7**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.038	*3	0.038	0.010	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
Naphthalene	<0.038		0.038	0.0059	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
Nitrobenzene	<0.038		0.038	0.0096	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
N-Nitrosodi-n-propylamine	<0.077		0.077	0.047	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
Pentachlorophenol	<0.77		0.77	0.62	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
<b>Phenanthrene</b>	<b>0.0073</b>	<b>J</b>	0.038	0.0054	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
Phenol	<0.19		0.19	0.085	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1
<b>Pyrene</b>	<b>0.0091</b>	<b>J</b>	0.038	0.0076	mg/Kg	☼	05/25/22 05:33	05/26/22 14:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	73		31 - 143	05/25/22 05:33	05/26/22 14:02	1
2-Fluorobiphenyl (Surr)	69		43 - 145	05/25/22 05:33	05/26/22 14:02	1
2-Fluorophenol (Surr)	85		31 - 166	05/25/22 05:33	05/26/22 14:02	1
Nitrobenzene-d5 (Surr)	64		37 - 147	05/25/22 05:33	05/26/22 14:02	1
Phenol-d5 (Surr)	97		30 - 153	05/25/22 05:33	05/26/22 14:02	1
Terphenyl-d14 (Surr)	135		42 - 157	05/25/22 05:33	05/26/22 14:02	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		05/19/22 18:23	05/20/22 23:41	1
<b>Barium</b>	<b>0.84</b>		0.50	0.050	mg/L		05/19/22 18:23	05/20/22 23:41	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/19/22 18:23	05/20/22 23:41	1
<b>Cadmium</b>	<b>0.0021</b>	<b>J</b>	0.0050	0.0020	mg/L		05/19/22 18:23	05/20/22 23:41	1
Chromium	<0.025		0.025	0.010	mg/L		05/19/22 18:23	05/20/22 23:41	1
<b>Cobalt</b>	<b>0.033</b>		0.025	0.010	mg/L		05/19/22 18:23	05/20/22 23:41	1
Copper	<0.025		0.025	0.010	mg/L		05/19/22 18:23	05/20/22 23:41	1
<b>Iron</b>	<b>0.33</b>	<b>J</b>	0.40	0.20	mg/L		05/19/22 18:23	05/20/22 23:41	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/19/22 18:23	05/20/22 23:41	1
<b>Manganese</b>	<b>7.8</b>		0.025	0.010	mg/L		05/19/22 18:23	05/20/22 23:41	1
<b>Nickel</b>	<b>0.022</b>	<b>J</b>	0.025	0.010	mg/L		05/19/22 18:23	05/20/22 23:41	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 18:23	05/20/22 23:41	1
Silver	<0.025		0.025	0.010	mg/L		05/19/22 18:23	05/20/22 23:41	1
<b>Zinc</b>	<b>0.14</b>	<b>J</b>	0.50	0.020	mg/L		05/19/22 18:23	05/20/22 23:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.048</b>	<b>J</b>	0.050	0.010	mg/L		05/19/22 18:26	05/20/22 22:16	1
<b>Barium</b>	<b>0.83</b>		0.50	0.050	mg/L		05/19/22 18:26	05/20/22 22:16	1
<b>Beryllium</b>	<b>0.0076</b>		0.0040	0.0040	mg/L		05/19/22 18:26	05/20/22 22:16	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/19/22 18:26	05/20/22 22:16	1
<b>Chromium</b>	<b>0.16</b>		0.025	0.010	mg/L		05/19/22 18:26	05/20/22 22:16	1
<b>Cobalt</b>	<b>0.054</b>		0.025	0.010	mg/L		05/19/22 18:26	05/20/22 22:16	1
<b>Copper</b>	<b>0.19</b>		0.025	0.010	mg/L		05/19/22 18:26	05/20/22 22:16	1
<b>Iron</b>	<b>150</b>		0.40	0.20	mg/L		05/19/22 18:26	05/20/22 22:16	1
<b>Lead</b>	<b>0.10</b>		0.0075	0.0075	mg/L		05/19/22 18:26	05/20/22 22:16	1
<b>Manganese</b>	<b>1.0</b>		0.025	0.010	mg/L		05/19/22 18:26	05/20/22 22:16	1
<b>Nickel</b>	<b>0.14</b>		0.025	0.010	mg/L		05/19/22 18:26	05/20/22 22:16	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 18:26	05/20/22 22:16	1

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# Client Sample Results

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

Job ID: 500-216572-1

**Client Sample ID: ROW-142(0-4)-051222**

**Lab Sample ID: 500-216572-5**

Date Collected: 05/12/22 12:45

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 83.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		05/19/22 18:26	05/20/22 22:16	1
<b>Zinc</b>	<b>0.40</b>	<b>J</b>	0.50	0.020	mg/L		05/19/22 18:26	05/20/22 22:16	1

### Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>9800</b>	<b>B</b>	11	4.6	mg/Kg	☆	05/18/22 16:24	05/19/22 21:28	1
<b>Antimony</b>	<b>0.49</b>	<b>J B</b>	1.1	0.22	mg/Kg	☆	05/18/22 16:24	05/19/22 21:28	1
<b>Arsenic</b>	<b>6.6</b>		0.57	0.19	mg/Kg	☆	05/18/22 16:24	05/19/22 21:28	1
<b>Barium</b>	<b>74</b>		0.57	0.065	mg/Kg	☆	05/18/22 16:24	05/19/22 21:28	1
<b>Beryllium</b>	<b>0.51</b>		0.23	0.053	mg/Kg	☆	05/18/22 16:24	05/21/22 01:46	1
<b>Cadmium</b>	<b>0.19</b>	<b>B</b>	0.11	0.020	mg/Kg	☆	05/18/22 16:24	05/19/22 21:28	1
<b>Calcium</b>	<b>19000</b>	<b>B</b>	11	1.9	mg/Kg	☆	05/18/22 16:24	05/19/22 21:28	1
<b>Chromium</b>	<b>15</b>	<b>B</b>	0.57	0.28	mg/Kg	☆	05/18/22 16:24	05/19/22 21:28	1
<b>Cobalt</b>	<b>11</b>		0.28	0.074	mg/Kg	☆	05/18/22 16:24	05/19/22 21:28	1
<b>Copper</b>	<b>18</b>	<b>B</b>	0.57	0.16	mg/Kg	☆	05/18/22 16:24	05/19/22 21:28	1
<b>Iron</b>	<b>17000</b>	<b>B</b>	11	5.9	mg/Kg	☆	05/18/22 16:24	05/19/22 21:28	1
<b>Lead</b>	<b>14</b>		0.28	0.13	mg/Kg	☆	05/18/22 16:24	05/19/22 21:28	1
<b>Magnesium</b>	<b>11000</b>	<b>B</b>	5.7	2.8	mg/Kg	☆	05/18/22 16:24	05/19/22 21:28	1
<b>Manganese</b>	<b>500</b>	<b>B</b>	0.57	0.082	mg/Kg	☆	05/18/22 16:24	05/19/22 21:28	1
<b>Nickel</b>	<b>26</b>		0.57	0.17	mg/Kg	☆	05/18/22 16:24	05/19/22 21:28	1
<b>Potassium</b>	<b>1200</b>		28	10	mg/Kg	☆	05/18/22 16:24	05/19/22 21:28	1
Selenium	<0.57		0.57	0.33	mg/Kg	☆	05/18/22 16:24	05/21/22 01:46	1
Silver	<0.28		0.28	0.073	mg/Kg	☆	05/18/22 16:24	05/21/22 01:46	1
<b>Sodium</b>	<b>1100</b>		57	8.4	mg/Kg	☆	05/18/22 16:24	05/19/22 21:28	1
Thallium	<0.57		0.57	0.28	mg/Kg	☆	05/18/22 16:24	05/19/22 21:28	1
<b>Vanadium</b>	<b>22</b>		0.28	0.067	mg/Kg	☆	05/18/22 16:24	05/19/22 21:28	1
<b>Zinc</b>	<b>49</b>	<b>B</b>	1.1	0.50	mg/Kg	☆	05/18/22 16:24	05/19/22 21:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/20/22 11:25	05/23/22 10:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/20/22 11:25	05/23/22 12:54	1

### Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.044</b>		0.019	0.0064	mg/Kg	☆	05/18/22 15:15	05/19/22 08:17	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.3</b>		0.2	0.2	SU			05/17/22 22:20	1

# Client Sample Results

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

Job ID: 500-216572-1

**Client Sample ID: ROW-142(4-9)-051222**

**Lab Sample ID: 500-216572-6**

Date Collected: 05/12/22 12:50

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 73.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.16		0.022	0.0095	mg/Kg	☼	05/13/22 18:26	05/22/22 10:21	1
Benzene	0.00061	J	0.0022	0.00055	mg/Kg	☼	05/13/22 18:26	05/22/22 10:21	1
Bromodichloromethane	<0.0022		0.0022	0.00044	mg/Kg	☼	05/13/22 18:26	05/22/22 10:21	1
Bromoform	<0.0022		0.0022	0.00063	mg/Kg	☼	05/13/22 18:26	05/22/22 10:21	1
Bromomethane	<0.0054		0.0054	0.0021	mg/Kg	☼	05/13/22 18:26	05/22/22 10:21	1
Carbon disulfide	<0.0054		0.0054	0.0011	mg/Kg	☼	05/13/22 18:26	05/22/22 10:21	1
Carbon tetrachloride	<0.0022		0.0022	0.00063	mg/Kg	☼	05/13/22 18:26	05/22/22 10:21	1
Chlorobenzene	<0.0022		0.0022	0.00080	mg/Kg	☼	05/13/22 18:26	05/22/22 10:21	1
Chloroethane	<0.0054		0.0054	0.0016	mg/Kg	☼	05/13/22 18:26	05/22/22 10:21	1
Chloroform	<0.0022		0.0022	0.00075	mg/Kg	☼	05/13/22 18:26	05/22/22 10:21	1
Chloromethane	<0.0054		0.0054	0.0022	mg/Kg	☼	05/13/22 18:26	05/22/22 10:21	1
cis-1,2-Dichloroethene	<0.0022		0.0022	0.00061	mg/Kg	☼	05/13/22 18:26	05/22/22 10:21	1
cis-1,3-Dichloropropene	<0.0022		0.0022	0.00066	mg/Kg	☼	05/13/22 18:26	05/22/22 10:21	1
Dibromochloromethane	<0.0022		0.0022	0.00071	mg/Kg	☼	05/13/22 18:26	05/22/22 10:21	1
1,1-Dichloroethane	<0.0022		0.0022	0.00074	mg/Kg	☼	05/13/22 18:26	05/22/22 10:21	1
1,2-Dichloroethane	<0.0054		0.0054	0.0017	mg/Kg	☼	05/13/22 18:26	05/22/22 10:21	1
1,1-Dichloroethene	<0.0022		0.0022	0.00075	mg/Kg	☼	05/13/22 18:26	05/22/22 10:21	1
1,2-Dichloropropane	<0.0022		0.0022	0.00056	mg/Kg	☼	05/13/22 18:26	05/22/22 10:21	1
1,3-Dichloropropene, Total	<0.0022		0.0022	0.00076	mg/Kg	☼	05/13/22 18:26	05/22/22 10:21	1
Ethylbenzene	<0.0022		0.0022	0.0010	mg/Kg	☼	05/13/22 18:26	05/22/22 10:21	1
2-Hexanone	<0.0054		0.0054	0.0017	mg/Kg	☼	05/13/22 18:26	05/22/22 10:21	1
Methylene Chloride	<0.0054		0.0054	0.0021	mg/Kg	☼	05/13/22 18:26	05/22/22 10:21	1
Methyl Ethyl Ketone	0.040		0.0054	0.0024	mg/Kg	☼	05/13/22 18:26	05/22/22 10:21	1
methyl isobutyl ketone	<0.0054		0.0054	0.0016	mg/Kg	☼	05/13/22 18:26	05/22/22 10:21	1
Methyl tert-butyl ether	<0.0022		0.0022	0.00064	mg/Kg	☼	05/13/22 18:26	05/22/22 10:21	1
Styrene	<0.0022		0.0022	0.00066	mg/Kg	☼	05/13/22 18:26	05/22/22 10:21	1
1,1,2,2-Tetrachloroethane	<0.0022		0.0022	0.00069	mg/Kg	☼	05/13/22 18:26	05/22/22 10:21	1
Tetrachloroethene	<0.0022		0.0022	0.00074	mg/Kg	☼	05/13/22 18:26	05/22/22 10:21	1
Toluene	0.00086	J	0.0022	0.00055	mg/Kg	☼	05/13/22 18:26	05/22/22 10:21	1
trans-1,2-Dichloroethene	<0.0022		0.0022	0.00096	mg/Kg	☼	05/13/22 18:26	05/22/22 10:21	1
trans-1,3-Dichloropropene	<0.0022		0.0022	0.00076	mg/Kg	☼	05/13/22 18:26	05/22/22 10:21	1
1,1,1-Trichloroethane	<0.0022		0.0022	0.00073	mg/Kg	☼	05/13/22 18:26	05/22/22 10:21	1
1,1,2-Trichloroethane	<0.0022		0.0022	0.00093	mg/Kg	☼	05/13/22 18:26	05/22/22 10:21	1
Trichloroethene	<0.0022		0.0022	0.00073	mg/Kg	☼	05/13/22 18:26	05/22/22 10:21	1
Vinyl chloride	<0.0022		0.0022	0.00096	mg/Kg	☼	05/13/22 18:26	05/22/22 10:21	1
Xylenes, Total	<0.0043		0.0043	0.00070	mg/Kg	☼	05/13/22 18:26	05/22/22 10:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		75 - 131	05/13/22 18:26	05/22/22 10:21	1
Dibromofluoromethane (Surr)	108		75 - 126	05/13/22 18:26	05/22/22 10:21	1
1,2-Dichloroethane-d4 (Surr)	103		70 - 134	05/13/22 18:26	05/22/22 10:21	1
Toluene-d8 (Surr)	95		75 - 124	05/13/22 18:26	05/22/22 10:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.32		0.32	0.068	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
1,2-Dichlorobenzene	<0.32		0.32	0.075	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
1,3-Dichlorobenzene	<0.32		0.32	0.071	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
1,4-Dichlorobenzene	<0.32		0.32	0.081	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
2,2'-oxybis[1-chloropropane]	<0.32		0.32	0.073	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1

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# Client Sample Results

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

Job ID: 500-216572-1

**Client Sample ID: ROW-142(4-9)-051222**

**Lab Sample ID: 500-216572-6**

**Date Collected: 05/12/22 12:50**

**Matrix: Solid**

**Date Received: 05/13/22 11:20**

**Percent Solids: 73.5**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.63		0.63	0.14	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
2,4,6-Trichlorophenol	<0.63		0.63	0.22	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
2,4-Dichlorophenol	<0.63		0.63	0.15	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
2,4-Dimethylphenol	<0.63		0.63	0.24	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
2,4-Dinitrophenol	<1.3		1.3	1.1	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
2,4-Dinitrotoluene	<0.32		0.32	0.10	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
2,6-Dinitrotoluene	<0.32		0.32	0.12	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
2-Chloronaphthalene	<0.32		0.32	0.070	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
2-Chlorophenol	<0.32		0.32	0.11	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
2-Methylnaphthalene	<0.13		0.13	0.012	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
2-Methylphenol	<0.32		0.32	0.10	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
2-Nitroaniline	<0.32		0.32	0.085	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
2-Nitrophenol	<0.63		0.63	0.15	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
3 & 4 Methylphenol	<0.32		0.32	0.11	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
3,3'-Dichlorobenzidine	<0.32		0.32	0.088	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
3-Nitroaniline	<0.63		0.63	0.20	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
4,6-Dinitro-2-methylphenol	<1.3		1.3	0.51	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
4-Bromophenyl phenyl ether	<0.32		0.32	0.083	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
4-Chloro-3-methylphenol	<0.63		0.63	0.21	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
4-Chloroaniline	<1.3		1.3	0.30	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
4-Chlorophenyl phenyl ether	<0.32		0.32	0.074	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
4-Nitroaniline	<0.63		0.63	0.26	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
4-Nitrophenol	<1.3		1.3	0.60	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
Acenaphthene	<0.063		0.063	0.011	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
Acenaphthylene	<0.063		0.063	0.0083	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
Anthracene	<0.063		0.063	0.011	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
Benzo[a]anthracene	<0.063		0.063	0.0085	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
Benzo[a]pyrene	<0.063	*3	0.063	0.012	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
Benzo[b]fluoranthene	<0.063	*3	0.063	0.014	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
Benzo[g,h,i]perylene	<0.063	*3	0.063	0.020	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
Benzo[k]fluoranthene	<0.063	*3	0.063	0.019	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
Bis(2-chloroethoxy)methane	<0.32		0.32	0.064	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
Bis(2-chloroethyl)ether	<0.32		0.32	0.094	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
Bis(2-ethylhexyl) phthalate	<0.32		0.32	0.12	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
Butyl benzyl phthalate	<0.32		0.32	0.12	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
Carbazole	<0.32		0.32	0.16	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
Chrysene	<0.063		0.063	0.017	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
Dibenz(a,h)anthracene	<0.063	*3	0.063	0.012	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
Dibenzofuran	<0.32		0.32	0.074	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
Diethyl phthalate	<0.32		0.32	0.11	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
Dimethyl phthalate	<0.32		0.32	0.082	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
Di-n-butyl phthalate	<0.32		0.32	0.096	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
Di-n-octyl phthalate	<0.32		0.32	0.10	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
<b>Fluoranthene</b>	<b>0.023</b>	<b>J</b>	0.063	0.012	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
Fluorene	<0.063		0.063	0.0089	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
Hexachlorobenzene	<0.13		0.13	0.015	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
Hexachlorobutadiene	<0.32		0.32	0.099	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
Hexachlorocyclopentadiene	<1.3	*-	1.3	0.36	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
Hexachloroethane	<0.32		0.32	0.096	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1

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# Client Sample Results

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

Job ID: 500-216572-1

**Client Sample ID: ROW-142(4-9)-051222**

**Lab Sample ID: 500-216572-6**

**Date Collected: 05/12/22 12:50**

**Matrix: Solid**

**Date Received: 05/13/22 11:20**

**Percent Solids: 73.5**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.063	*3	0.063	0.016	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
Isophorone	<0.32		0.32	0.071	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
Naphthalene	<0.063		0.063	0.0097	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
Nitrobenzene	<0.063		0.063	0.016	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
N-Nitrosodi-n-propylamine	<0.13		0.13	0.077	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
N-Nitrosodiphenylamine	<0.32		0.32	0.074	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
Pentachlorophenol	<1.3		1.3	1.0	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
Phenanthrene	<0.063		0.063	0.0088	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
Phenol	<0.32		0.32	0.14	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1
<b>Pyrene</b>	<b>0.015</b>	<b>J</b>	0.063	0.013	mg/Kg	☼	05/25/22 05:33	05/26/22 14:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	67		31 - 143	05/25/22 05:33	05/26/22 14:24	1
2-Fluorobiphenyl (Surr)	53		43 - 145	05/25/22 05:33	05/26/22 14:24	1
2-Fluorophenol (Surr)	92		31 - 166	05/25/22 05:33	05/26/22 14:24	1
Nitrobenzene-d5 (Surr)	67		37 - 147	05/25/22 05:33	05/26/22 14:24	1
Phenol-d5 (Surr)	92		30 - 153	05/25/22 05:33	05/26/22 14:24	1
Terphenyl-d14 (Surr)	123		42 - 157	05/25/22 05:33	05/26/22 14:24	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		05/19/22 18:23	05/20/22 23:44	1
<b>Barium</b>	<b>0.42</b>	<b>J</b>	0.50	0.050	mg/L		05/19/22 18:23	05/20/22 23:44	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/19/22 18:23	05/20/22 23:44	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/19/22 18:23	05/20/22 23:44	1
Chromium	<0.025		0.025	0.010	mg/L		05/19/22 18:23	05/20/22 23:44	1
<b>Cobalt</b>	<b>0.012</b>	<b>J</b>	0.025	0.010	mg/L		05/19/22 18:23	05/20/22 23:44	1
Copper	<0.025		0.025	0.010	mg/L		05/19/22 18:23	05/20/22 23:44	1
<b>Iron</b>	<b>2.3</b>		0.40	0.20	mg/L		05/19/22 18:23	05/20/22 23:44	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/19/22 18:23	05/20/22 23:44	1
<b>Manganese</b>	<b>2.3</b>		0.025	0.010	mg/L		05/19/22 18:23	05/20/22 23:44	1
Nickel	<0.025		0.025	0.010	mg/L		05/19/22 18:23	05/20/22 23:44	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 18:23	05/20/22 23:44	1
Silver	<0.025		0.025	0.010	mg/L		05/19/22 18:23	05/20/22 23:44	1
<b>Zinc</b>	<b>0.28</b>	<b>J</b>	0.50	0.020	mg/L		05/19/22 18:23	05/20/22 23:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.013</b>	<b>J</b>	0.050	0.010	mg/L		05/19/22 18:26	05/20/22 22:19	1
<b>Barium</b>	<b>0.39</b>	<b>J</b>	0.50	0.050	mg/L		05/19/22 18:26	05/20/22 22:19	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/19/22 18:26	05/20/22 22:19	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/19/22 18:26	05/20/22 22:19	1
<b>Chromium</b>	<b>0.059</b>		0.025	0.010	mg/L		05/19/22 18:26	05/20/22 22:19	1
<b>Cobalt</b>	<b>0.011</b>	<b>J</b>	0.025	0.010	mg/L		05/19/22 18:26	05/20/22 22:19	1
<b>Copper</b>	<b>0.072</b>		0.025	0.010	mg/L		05/19/22 18:26	05/20/22 22:19	1
<b>Iron</b>	<b>48</b>		0.40	0.20	mg/L		05/19/22 18:26	05/20/22 22:19	1
<b>Lead</b>	<b>0.031</b>		0.0075	0.0075	mg/L		05/19/22 18:26	05/20/22 22:19	1
<b>Manganese</b>	<b>0.29</b>		0.025	0.010	mg/L		05/19/22 18:26	05/20/22 22:19	1
<b>Nickel</b>	<b>0.037</b>		0.025	0.010	mg/L		05/19/22 18:26	05/20/22 22:19	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 18:26	05/20/22 22:19	1

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# Client Sample Results

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

Job ID: 500-216572-1

**Client Sample ID: ROW-142(4-9)-051222**

**Lab Sample ID: 500-216572-6**

Date Collected: 05/12/22 12:50

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 73.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		05/19/22 18:26	05/20/22 22:19	1
<b>Zinc</b>	<b>0.14</b>	<b>J</b>	0.50	0.020	mg/L		05/19/22 18:26	05/20/22 22:19	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>15000</b>	<b>B</b>	13	5.3	mg/Kg	☆	05/18/22 16:24	05/19/22 21:31	1
<b>Antimony</b>	<b>0.57</b>	<b>J B</b>	1.3	0.25	mg/Kg	☆	05/18/22 16:24	05/19/22 21:31	1
<b>Arsenic</b>	<b>4.5</b>		0.65	0.22	mg/Kg	☆	05/18/22 16:24	05/19/22 21:31	1
<b>Barium</b>	<b>170</b>		0.65	0.074	mg/Kg	☆	05/18/22 16:24	05/19/22 21:31	1
<b>Beryllium</b>	<b>0.76</b>		0.26	0.061	mg/Kg	☆	05/18/22 16:24	05/21/22 01:49	1
<b>Cadmium</b>	<b>0.20</b>	<b>B</b>	0.13	0.023	mg/Kg	☆	05/18/22 16:24	05/19/22 21:31	1
<b>Calcium</b>	<b>6300</b>	<b>B</b>	13	2.2	mg/Kg	☆	05/18/22 16:24	05/19/22 21:31	1
<b>Chromium</b>	<b>18</b>	<b>B</b>	0.65	0.32	mg/Kg	☆	05/18/22 16:24	05/19/22 21:31	1
<b>Cobalt</b>	<b>7.2</b>		0.32	0.085	mg/Kg	☆	05/18/22 16:24	05/19/22 21:31	1
<b>Copper</b>	<b>21</b>	<b>B</b>	0.65	0.18	mg/Kg	☆	05/18/22 16:24	05/19/22 21:31	1
<b>Iron</b>	<b>17000</b>	<b>B</b>	13	6.7	mg/Kg	☆	05/18/22 16:24	05/19/22 21:31	1
<b>Lead</b>	<b>15</b>		0.32	0.15	mg/Kg	☆	05/18/22 16:24	05/19/22 21:31	1
<b>Magnesium</b>	<b>4400</b>	<b>B</b>	6.5	3.2	mg/Kg	☆	05/18/22 16:24	05/19/22 21:31	1
<b>Manganese</b>	<b>190</b>	<b>B</b>	0.65	0.094	mg/Kg	☆	05/18/22 16:24	05/19/22 21:31	1
<b>Nickel</b>	<b>20</b>		0.65	0.19	mg/Kg	☆	05/18/22 16:24	05/19/22 21:31	1
<b>Potassium</b>	<b>690</b>		32	11	mg/Kg	☆	05/18/22 16:24	05/19/22 21:31	1
Selenium	<0.65		0.65	0.38	mg/Kg	☆	05/18/22 16:24	05/21/22 01:49	1
Silver	<0.32		0.32	0.084	mg/Kg	☆	05/18/22 16:24	05/21/22 01:49	1
<b>Sodium</b>	<b>530</b>		65	9.6	mg/Kg	☆	05/18/22 16:24	05/19/22 21:31	1
Thallium	<0.65		0.65	0.32	mg/Kg	☆	05/18/22 16:24	05/19/22 21:31	1
<b>Vanadium</b>	<b>30</b>		0.32	0.076	mg/Kg	☆	05/18/22 16:24	05/19/22 21:31	1
<b>Zinc</b>	<b>54</b>	<b>B</b>	1.3	0.57	mg/Kg	☆	05/18/22 16:24	05/19/22 21:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/20/22 11:25	05/23/22 10:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/20/22 11:25	05/23/22 12:56	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.042</b>		0.020	0.0067	mg/Kg	☆	05/18/22 15:15	05/19/22 08:19	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>6.7</b>		0.2	0.2	SU			05/17/22 22:22	1



# Client Sample Results

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

Job ID: 500-216572-1

**Client Sample ID: ROW-124(0-4)-051222**

**Lab Sample ID: 500-216572-12**

Date Collected: 05/12/22 14:30

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 85.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>0.046</b>		0.019	0.0083	mg/Kg	☼	05/13/22 18:26	05/23/22 19:14	1
Benzene	<0.0019		0.0019	0.00049	mg/Kg	☼	05/13/22 18:26	05/23/22 19:14	1
Bromodichloromethane	<0.0019		0.0019	0.00039	mg/Kg	☼	05/13/22 18:26	05/23/22 19:14	1
Bromoform	<0.0019		0.0019	0.00056	mg/Kg	☼	05/13/22 18:26	05/23/22 19:14	1
Bromomethane	<0.0048		0.0048	0.0018	mg/Kg	☼	05/13/22 18:26	05/23/22 19:14	1
Carbon disulfide	<0.0048		0.0048	0.00099	mg/Kg	☼	05/13/22 18:26	05/23/22 19:14	1
Carbon tetrachloride	<0.0019		0.0019	0.00055	mg/Kg	☼	05/13/22 18:26	05/23/22 19:14	1
Chlorobenzene	<0.0019		0.0019	0.00070	mg/Kg	☼	05/13/22 18:26	05/23/22 19:14	1
Chloroethane	<0.0048		0.0048	0.0014	mg/Kg	☼	05/13/22 18:26	05/23/22 19:14	1
Chloroform	<0.0019		0.0019	0.00066	mg/Kg	☼	05/13/22 18:26	05/23/22 19:14	1
Chloromethane	<0.0048		0.0048	0.0019	mg/Kg	☼	05/13/22 18:26	05/23/22 19:14	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00053	mg/Kg	☼	05/13/22 18:26	05/23/22 19:14	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00058	mg/Kg	☼	05/13/22 18:26	05/23/22 19:14	1
Dibromochloromethane	<0.0019		0.0019	0.00062	mg/Kg	☼	05/13/22 18:26	05/23/22 19:14	1
1,1-Dichloroethane	<0.0019		0.0019	0.00065	mg/Kg	☼	05/13/22 18:26	05/23/22 19:14	1
1,2-Dichloroethane	<0.0048		0.0048	0.0015	mg/Kg	☼	05/13/22 18:26	05/23/22 19:14	1
1,1-Dichloroethene	<0.0019		0.0019	0.00066	mg/Kg	☼	05/13/22 18:26	05/23/22 19:14	1
1,2-Dichloropropane	<0.0019		0.0019	0.00049	mg/Kg	☼	05/13/22 18:26	05/23/22 19:14	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00067	mg/Kg	☼	05/13/22 18:26	05/23/22 19:14	1
Ethylbenzene	<0.0019		0.0019	0.00091	mg/Kg	☼	05/13/22 18:26	05/23/22 19:14	1
2-Hexanone	<0.0048		0.0048	0.0015	mg/Kg	☼	05/13/22 18:26	05/23/22 19:14	1
Methylene Chloride	<0.0048		0.0048	0.0019	mg/Kg	☼	05/13/22 18:26	05/23/22 19:14	1
<b>Methyl Ethyl Ketone</b>	<b>0.011</b>		0.0048	0.0021	mg/Kg	☼	05/13/22 18:26	05/23/22 19:14	1
methyl isobutyl ketone	<0.0048		0.0048	0.0014	mg/Kg	☼	05/13/22 18:26	05/23/22 19:14	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00056	mg/Kg	☼	05/13/22 18:26	05/23/22 19:14	1
Styrene	<0.0019		0.0019	0.00058	mg/Kg	☼	05/13/22 18:26	05/23/22 19:14	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00061	mg/Kg	☼	05/13/22 18:26	05/23/22 19:14	1
Tetrachloroethene	<0.0019	+	0.0019	0.00065	mg/Kg	☼	05/13/22 18:26	05/23/22 19:14	1
Toluene	<0.0019		0.0019	0.00048	mg/Kg	☼	05/13/22 18:26	05/23/22 19:14	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00085	mg/Kg	☼	05/13/22 18:26	05/23/22 19:14	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00067	mg/Kg	☼	05/13/22 18:26	05/23/22 19:14	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00064	mg/Kg	☼	05/13/22 18:26	05/23/22 19:14	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00082	mg/Kg	☼	05/13/22 18:26	05/23/22 19:14	1
Trichloroethene	<0.0019		0.0019	0.00064	mg/Kg	☼	05/13/22 18:26	05/23/22 19:14	1
Vinyl chloride	<0.0019		0.0019	0.00084	mg/Kg	☼	05/13/22 18:26	05/23/22 19:14	1
Xylenes, Total	<0.0038		0.0038	0.00061	mg/Kg	☼	05/13/22 18:26	05/23/22 19:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		75 - 131	05/13/22 18:26	05/23/22 19:14	1
Dibromofluoromethane (Surr)	109		75 - 126	05/13/22 18:26	05/23/22 19:14	1
1,2-Dichloroethane-d4 (Surr)	113		70 - 134	05/13/22 18:26	05/23/22 19:14	1
Toluene-d8 (Surr)	97		75 - 124	05/13/22 18:26	05/23/22 19:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1

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# Client Sample Results

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

Job ID: 500-216572-1

**Client Sample ID: ROW-124(0-4)-051222**

**Lab Sample ID: 500-216572-12**

Date Collected: 05/12/22 14:30

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 85.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.087	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
2,4-Dichlorophenol	<0.38		0.38	0.091	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
2,4-Dimethylphenol	<0.38		0.38	0.14	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
2,4-Dinitrophenol	<0.77		0.77	0.67	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
2,4-Dinitrotoluene	<0.19		0.19	0.061	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
2,6-Dinitrotoluene	<0.19		0.19	0.075	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
2-Chlorophenol	<0.19		0.19	0.065	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
2-Methylnaphthalene	<0.077		0.077	0.0070	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
2-Methylphenol	<0.19		0.19	0.061	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
2-Nitrophenol	<0.38		0.38	0.090	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
3 & 4 Methylphenol	<0.19		0.19	0.064	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.053	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
4,6-Dinitro-2-methylphenol	<0.77		0.77	0.31	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
4-Chloroaniline	<0.77		0.77	0.18	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
4-Nitrophenol	<0.77		0.77	0.36	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
Acenaphthene	<0.038		0.038	0.0069	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
Acenaphthylene	<0.038		0.038	0.0050	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
Anthracene	<0.038		0.038	0.0064	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
Benzo[a]anthracene	<0.038		0.038	0.0051	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
Benzo[a]pyrene	<0.038	*3	0.038	0.0074	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
Benzo[b]fluoranthene	<0.038	*3	0.038	0.0082	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
Benzo[g,h,i]perylene	<0.038	*3	0.038	0.012	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
Benzo[k]fluoranthene	<0.038	*3	0.038	0.011	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.057	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.070	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
Butyl benzyl phthalate	<0.19		0.19	0.073	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
Carbazole	<0.19		0.19	0.095	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
Chrysene	<0.038		0.038	0.010	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
Dibenz(a,h)anthracene	<0.038	*3	0.038	0.0074	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
Diethyl phthalate	<0.19		0.19	0.065	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
Di-n-butyl phthalate	<0.19		0.19	0.058	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
Di-n-octyl phthalate	<0.19		0.19	0.062	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
<b>Fluoranthene</b>	<b>0.015</b>	<b>J</b>	0.038	0.0071	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
Fluorene	<0.038		0.038	0.0054	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
Hexachlorobenzene	<0.077		0.077	0.0088	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
Hexachlorobutadiene	<0.19		0.19	0.060	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
Hexachlorocyclopentadiene	<0.77	*-	0.77	0.22	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
Hexachloroethane	<0.19		0.19	0.058	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1

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# Client Sample Results

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

Job ID: 500-216572-1

**Client Sample ID: ROW-124(0-4)-051222**

**Lab Sample ID: 500-216572-12**

**Date Collected: 05/12/22 14:30**

**Matrix: Solid**

**Date Received: 05/13/22 11:20**

**Percent Solids: 85.6**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.038	*3	0.038	0.0099	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
Naphthalene	<0.038		0.038	0.0059	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
Nitrobenzene	<0.038		0.038	0.0095	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
N-Nitrosodi-n-propylamine	<0.077		0.077	0.047	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
Pentachlorophenol	<0.77		0.77	0.61	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
Phenanthrene	<0.038		0.038	0.0053	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
Phenol	<0.19		0.19	0.085	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1
<b>Pyrene</b>	<b>0.018</b>	<b>J</b>	0.038	0.0076	mg/Kg	☼	05/25/22 05:33	05/26/22 16:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	62		31 - 143	05/25/22 05:33	05/26/22 16:34	1
2-Fluorobiphenyl (Surr)	47		43 - 145	05/25/22 05:33	05/26/22 16:34	1
2-Fluorophenol (Surr)	72		31 - 166	05/25/22 05:33	05/26/22 16:34	1
Nitrobenzene-d5 (Surr)	45		37 - 147	05/25/22 05:33	05/26/22 16:34	1
Phenol-d5 (Surr)	81		30 - 153	05/25/22 05:33	05/26/22 16:34	1
Terphenyl-d14 (Surr)	123		42 - 157	05/25/22 05:33	05/26/22 16:34	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		05/19/22 18:23	05/21/22 00:04	1
<b>Barium</b>	<b>0.75</b>		0.50	0.050	mg/L		05/19/22 18:23	05/21/22 00:04	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/19/22 18:23	05/21/22 00:04	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/19/22 18:23	05/21/22 00:04	1
Chromium	<0.025		0.025	0.010	mg/L		05/19/22 18:23	05/21/22 00:04	1
<b>Cobalt</b>	<b>0.030</b>		0.025	0.010	mg/L		05/19/22 18:23	05/21/22 00:04	1
Copper	<0.025		0.025	0.010	mg/L		05/19/22 18:23	05/21/22 00:04	1
<b>Iron</b>	<b>0.60</b>		0.40	0.20	mg/L		05/19/22 18:23	05/21/22 00:04	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/19/22 18:23	05/21/22 00:04	1
<b>Manganese</b>	<b>7.9</b>		0.025	0.010	mg/L		05/19/22 18:23	05/21/22 00:04	1
<b>Nickel</b>	<b>0.018</b>	<b>J</b>	0.025	0.010	mg/L		05/19/22 18:23	05/21/22 00:04	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 18:23	05/21/22 00:04	1
Silver	<0.025		0.025	0.010	mg/L		05/19/22 18:23	05/21/22 00:04	1
<b>Zinc</b>	<b>0.035</b>	<b>J</b>	0.50	0.020	mg/L		05/19/22 18:23	05/21/22 00:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.067</b>		0.050	0.010	mg/L		05/19/22 18:26	05/20/22 22:35	1
<b>Barium</b>	<b>0.76</b>		0.50	0.050	mg/L		05/19/22 18:26	05/20/22 22:35	1
<b>Beryllium</b>	<b>0.0078</b>		0.0040	0.0040	mg/L		05/19/22 18:26	05/20/22 22:35	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/19/22 18:26	05/20/22 22:35	1
<b>Chromium</b>	<b>0.15</b>		0.025	0.010	mg/L		05/19/22 18:26	05/20/22 22:35	1
<b>Cobalt</b>	<b>0.068</b>		0.025	0.010	mg/L		05/19/22 18:26	05/20/22 22:35	1
<b>Copper</b>	<b>0.18</b>		0.025	0.010	mg/L		05/19/22 18:26	05/20/22 22:35	1
<b>Iron</b>	<b>170</b>		0.40	0.20	mg/L		05/19/22 18:26	05/20/22 22:35	1
<b>Lead</b>	<b>0.12</b>		0.0075	0.0075	mg/L		05/19/22 18:26	05/20/22 22:35	1
<b>Manganese</b>	<b>1.5</b>		0.025	0.010	mg/L		05/19/22 18:26	05/20/22 22:35	1
<b>Nickel</b>	<b>0.16</b>		0.025	0.010	mg/L		05/19/22 18:26	05/20/22 22:35	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 18:26	05/20/22 22:35	1

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# Client Sample Results

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

Job ID: 500-216572-1

**Client Sample ID: ROW-124(0-4)-051222**

**Lab Sample ID: 500-216572-12**

Date Collected: 05/12/22 14:30

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 85.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		05/19/22 18:26	05/20/22 22:35	1
<b>Zinc</b>	<b>0.43</b>	<b>J</b>	0.50	0.020	mg/L		05/19/22 18:26	05/20/22 22:35	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>8700</b>	<b>B</b>	11	4.6	mg/Kg	☆	05/18/22 16:24	05/19/22 21:50	1
Antimony	<1.1		1.1	0.22	mg/Kg	☆	05/18/22 16:24	05/19/22 21:50	1
<b>Arsenic</b>	<b>5.5</b>		0.56	0.19	mg/Kg	☆	05/18/22 16:24	05/19/22 21:50	1
<b>Barium</b>	<b>56</b>		0.56	0.064	mg/Kg	☆	05/18/22 16:24	05/19/22 21:50	1
<b>Beryllium</b>	<b>0.41</b>		0.22	0.052	mg/Kg	☆	05/18/22 16:24	05/21/22 02:09	1
<b>Cadmium</b>	<b>0.066</b>	<b>J B</b>	0.11	0.020	mg/Kg	☆	05/18/22 16:24	05/19/22 21:50	1
<b>Calcium</b>	<b>65000</b>	<b>B</b>	56	9.5	mg/Kg	☆	05/18/22 16:24	05/23/22 15:46	5
<b>Chromium</b>	<b>11</b>	<b>B</b>	0.56	0.28	mg/Kg	☆	05/18/22 16:24	05/19/22 21:50	1
<b>Cobalt</b>	<b>8.1</b>		0.28	0.073	mg/Kg	☆	05/18/22 16:24	05/19/22 21:50	1
<b>Copper</b>	<b>13</b>	<b>B</b>	0.56	0.16	mg/Kg	☆	05/18/22 16:24	05/19/22 21:50	1
<b>Iron</b>	<b>13000</b>	<b>B</b>	11	5.8	mg/Kg	☆	05/18/22 16:24	05/19/22 21:50	1
<b>Lead</b>	<b>12</b>		0.28	0.13	mg/Kg	☆	05/18/22 16:24	05/19/22 21:50	1
<b>Magnesium</b>	<b>29000</b>	<b>B</b>	5.6	2.8	mg/Kg	☆	05/18/22 16:24	05/19/22 21:50	1
<b>Manganese</b>	<b>430</b>	<b>B</b>	0.56	0.081	mg/Kg	☆	05/18/22 16:24	05/19/22 21:50	1
<b>Nickel</b>	<b>16</b>		0.56	0.16	mg/Kg	☆	05/18/22 16:24	05/19/22 21:50	1
<b>Potassium</b>	<b>970</b>		28	9.9	mg/Kg	☆	05/18/22 16:24	05/19/22 21:50	1
Selenium	<0.56		0.56	0.33	mg/Kg	☆	05/18/22 16:24	05/21/22 02:09	1
Silver	<0.28		0.28	0.072	mg/Kg	☆	05/18/22 16:24	05/21/22 02:09	1
<b>Sodium</b>	<b>730</b>		56	8.3	mg/Kg	☆	05/18/22 16:24	05/19/22 21:50	1
Thallium	<0.56		0.56	0.28	mg/Kg	☆	05/18/22 16:24	05/19/22 21:50	1
<b>Vanadium</b>	<b>18</b>		0.28	0.066	mg/Kg	☆	05/18/22 16:24	05/19/22 21:50	1
<b>Zinc</b>	<b>35</b>	<b>B</b>	1.1	0.49	mg/Kg	☆	05/18/22 16:24	05/19/22 21:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/20/22 11:25	05/23/22 10:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/20/22 11:25	05/23/22 13:09	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.029</b>		0.018	0.0061	mg/Kg	☆	05/18/22 15:15	05/19/22 08:40	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.1</b>		0.2	0.2	SU			05/19/22 18:41	1

# Client Sample Results

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

Job ID: 500-216572-1

**Client Sample ID: ROW-124(0-4)-051222D**

**Lab Sample ID: 500-216572-13**

Date Collected: 05/12/22 14:30

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 85.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>0.047</b>		0.020	0.0088	mg/Kg	☼	05/13/22 18:26	05/23/22 19:39	1
Benzene	<0.0020		0.0020	0.00051	mg/Kg	☼	05/13/22 18:26	05/23/22 19:39	1
Bromodichloromethane	<0.0020		0.0020	0.00041	mg/Kg	☼	05/13/22 18:26	05/23/22 19:39	1
Bromoform	<0.0020		0.0020	0.00059	mg/Kg	☼	05/13/22 18:26	05/23/22 19:39	1
Bromomethane	<0.0050		0.0050	0.0019	mg/Kg	☼	05/13/22 18:26	05/23/22 19:39	1
Carbon disulfide	<0.0050		0.0050	0.0010	mg/Kg	☼	05/13/22 18:26	05/23/22 19:39	1
Carbon tetrachloride	<0.0020		0.0020	0.00058	mg/Kg	☼	05/13/22 18:26	05/23/22 19:39	1
Chlorobenzene	<0.0020		0.0020	0.00074	mg/Kg	☼	05/13/22 18:26	05/23/22 19:39	1
Chloroethane	<0.0050		0.0050	0.0015	mg/Kg	☼	05/13/22 18:26	05/23/22 19:39	1
Chloroform	<0.0020		0.0020	0.00070	mg/Kg	☼	05/13/22 18:26	05/23/22 19:39	1
Chloromethane	<0.0050		0.0050	0.0020	mg/Kg	☼	05/13/22 18:26	05/23/22 19:39	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00056	mg/Kg	☼	05/13/22 18:26	05/23/22 19:39	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00061	mg/Kg	☼	05/13/22 18:26	05/23/22 19:39	1
Dibromochloromethane	<0.0020		0.0020	0.00066	mg/Kg	☼	05/13/22 18:26	05/23/22 19:39	1
1,1-Dichloroethane	<0.0020		0.0020	0.00069	mg/Kg	☼	05/13/22 18:26	05/23/22 19:39	1
1,2-Dichloroethane	<0.0050		0.0050	0.0016	mg/Kg	☼	05/13/22 18:26	05/23/22 19:39	1
1,1-Dichloroethene	<0.0020		0.0020	0.00069	mg/Kg	☼	05/13/22 18:26	05/23/22 19:39	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg	☼	05/13/22 18:26	05/23/22 19:39	1
1,3-Dichloropropane, Total	<0.0020		0.0020	0.00071	mg/Kg	☼	05/13/22 18:26	05/23/22 19:39	1
Ethylbenzene	<0.0020		0.0020	0.00096	mg/Kg	☼	05/13/22 18:26	05/23/22 19:39	1
2-Hexanone	<0.0050		0.0050	0.0016	mg/Kg	☼	05/13/22 18:26	05/23/22 19:39	1
Methylene Chloride	<0.0050		0.0050	0.0020	mg/Kg	☼	05/13/22 18:26	05/23/22 19:39	1
<b>Methyl Ethyl Ketone</b>	<b>0.010</b>		0.0050	0.0022	mg/Kg	☼	05/13/22 18:26	05/23/22 19:39	1
methyl isobutyl ketone	<0.0050		0.0050	0.0015	mg/Kg	☼	05/13/22 18:26	05/23/22 19:39	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00059	mg/Kg	☼	05/13/22 18:26	05/23/22 19:39	1
Styrene	<0.0020		0.0020	0.00061	mg/Kg	☼	05/13/22 18:26	05/23/22 19:39	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00064	mg/Kg	☼	05/13/22 18:26	05/23/22 19:39	1
Tetrachloroethene	<0.0020	+	0.0020	0.00069	mg/Kg	☼	05/13/22 18:26	05/23/22 19:39	1
Toluene	<0.0020		0.0020	0.00051	mg/Kg	☼	05/13/22 18:26	05/23/22 19:39	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00089	mg/Kg	☼	05/13/22 18:26	05/23/22 19:39	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00071	mg/Kg	☼	05/13/22 18:26	05/23/22 19:39	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00068	mg/Kg	☼	05/13/22 18:26	05/23/22 19:39	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00086	mg/Kg	☼	05/13/22 18:26	05/23/22 19:39	1
Trichloroethene	<0.0020		0.0020	0.00068	mg/Kg	☼	05/13/22 18:26	05/23/22 19:39	1
Vinyl chloride	<0.0020		0.0020	0.00089	mg/Kg	☼	05/13/22 18:26	05/23/22 19:39	1
Xylenes, Total	<0.0040		0.0040	0.00064	mg/Kg	☼	05/13/22 18:26	05/23/22 19:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		75 - 131	05/13/22 18:26	05/23/22 19:39	1
Dibromofluoromethane (Surr)	106		75 - 126	05/13/22 18:26	05/23/22 19:39	1
1,2-Dichloroethane-d4 (Surr)	117		70 - 134	05/13/22 18:26	05/23/22 19:39	1
Toluene-d8 (Surr)	101		75 - 124	05/13/22 18:26	05/23/22 19:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
1,2-Dichlorobenzene	<0.19		0.19	0.044	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1

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# Client Sample Results

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

Job ID: 500-216572-1

**Client Sample ID: ROW-124(0-4)-051222D**

**Lab Sample ID: 500-216572-13**

Date Collected: 05/12/22 14:30

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 85.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.085	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
2,4-Dichlorophenol	<0.37		0.37	0.088	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
2,4-Dinitrophenol	<0.75		0.75	0.66	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
2,4-Dinitrotoluene	<0.19		0.19	0.059	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
2,6-Dinitrotoluene	<0.19		0.19	0.073	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
2-Chlorophenol	<0.19		0.19	0.064	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
2-Methylnaphthalene	<0.075		0.075	0.0068	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
2-Nitrophenol	<0.37		0.37	0.088	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
3 & 4 Methylphenol	<0.19		0.19	0.062	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.052	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.30	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
4-Chloroaniline	<0.75		0.75	0.17	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.043	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
4-Nitrophenol	<0.75		0.75	0.35	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
Acenaphthene	<0.037		0.037	0.0067	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
Acenaphthylene	<0.037		0.037	0.0049	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
Anthracene	<0.037		0.037	0.0062	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
Benzo[a]anthracene	<0.037		0.037	0.0050	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
Benzo[a]pyrene	<0.037	*3	0.037	0.0072	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
Benzo[b]fluoranthene	<0.037	*3	0.037	0.0080	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
Benzo[g,h,i]perylene	<0.037	*3	0.037	0.012	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
Benzo[k]fluoranthene	<0.037	*3	0.037	0.011	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.068	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
Butyl benzyl phthalate	<0.19		0.19	0.071	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
Carbazole	<0.19		0.19	0.093	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
Chrysene	<0.037		0.037	0.010	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
Dibenz(a,h)anthracene	<0.037	*3	0.037	0.0072	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
Diethyl phthalate	<0.19		0.19	0.063	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
<b>Fluoranthene</b>	<b>0.013</b>	<b>J</b>	0.037	0.0069	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
Fluorene	<0.037		0.037	0.0052	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
Hexachlorobenzene	<0.075		0.075	0.0086	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
Hexachlorobutadiene	<0.19		0.19	0.058	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
Hexachlorocyclopentadiene	<0.75	*-	0.75	0.21	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
Hexachloroethane	<0.19		0.19	0.057	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1

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# Client Sample Results

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

Job ID: 500-216572-1

**Client Sample ID: ROW-124(0-4)-051222D**

**Lab Sample ID: 500-216572-13**

Date Collected: 05/12/22 14:30

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 85.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.037	*3	0.037	0.0096	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
Naphthalene	<0.037		0.037	0.0057	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
Nitrobenzene	<0.037		0.037	0.0093	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.045	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
Pentachlorophenol	<0.75		0.75	0.60	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
<b>Phenanthrene</b>	<b>0.0075</b>	<b>J</b>	0.037	0.0052	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
Phenol	<0.19		0.19	0.083	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1
<b>Pyrene</b>	<b>0.0089</b>	<b>J</b>	0.037	0.0074	mg/Kg	☼	05/25/22 05:33	05/26/22 16:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	70		31 - 143	05/25/22 05:33	05/26/22 16:56	1
2-Fluorobiphenyl (Surr)	56		43 - 145	05/25/22 05:33	05/26/22 16:56	1
2-Fluorophenol (Surr)	81		31 - 166	05/25/22 05:33	05/26/22 16:56	1
Nitrobenzene-d5 (Surr)	58		37 - 147	05/25/22 05:33	05/26/22 16:56	1
Phenol-d5 (Surr)	90		30 - 153	05/25/22 05:33	05/26/22 16:56	1
Terphenyl-d14 (Surr)	137		42 - 157	05/25/22 05:33	05/26/22 16:56	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		05/19/22 18:23	05/21/22 00:14	1
<b>Barium</b>	<b>0.83</b>		0.50	0.050	mg/L		05/19/22 18:23	05/21/22 00:14	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/19/22 18:23	05/21/22 00:14	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/19/22 18:23	05/21/22 00:14	1
Chromium	<0.025		0.025	0.010	mg/L		05/19/22 18:23	05/21/22 00:14	1
<b>Cobalt</b>	<b>0.035</b>		0.025	0.010	mg/L		05/19/22 18:23	05/21/22 00:14	1
Copper	<0.025		0.025	0.010	mg/L		05/19/22 18:23	05/21/22 00:14	1
<b>Iron</b>	<b>0.87</b>		0.40	0.20	mg/L		05/19/22 18:23	05/21/22 00:14	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/19/22 18:23	05/21/22 00:14	1
<b>Manganese</b>	<b>10</b>		0.025	0.010	mg/L		05/19/22 18:23	05/21/22 00:14	1
<b>Nickel</b>	<b>0.021</b>	<b>J</b>	0.025	0.010	mg/L		05/19/22 18:23	05/21/22 00:14	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 18:23	05/21/22 00:14	1
Silver	<0.025		0.025	0.010	mg/L		05/19/22 18:23	05/21/22 00:14	1
<b>Zinc</b>	<b>0.18</b>	<b>J</b>	0.50	0.020	mg/L		05/19/22 18:23	05/21/22 00:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.048</b>	<b>J</b>	0.050	0.010	mg/L		05/19/22 18:26	05/20/22 22:38	1
<b>Barium</b>	<b>0.60</b>		0.50	0.050	mg/L		05/19/22 18:26	05/20/22 22:38	1
<b>Beryllium</b>	<b>0.0061</b>		0.0040	0.0040	mg/L		05/19/22 18:26	05/20/22 22:38	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/19/22 18:26	05/20/22 22:38	1
<b>Chromium</b>	<b>0.12</b>		0.025	0.010	mg/L		05/19/22 18:26	05/20/22 22:38	1
<b>Cobalt</b>	<b>0.052</b>		0.025	0.010	mg/L		05/19/22 18:26	05/20/22 22:38	1
<b>Copper</b>	<b>0.14</b>		0.025	0.010	mg/L		05/19/22 18:26	05/20/22 22:38	1
<b>Iron</b>	<b>130</b>		0.40	0.20	mg/L		05/19/22 18:26	05/20/22 22:38	1
<b>Lead</b>	<b>0.094</b>		0.0075	0.0075	mg/L		05/19/22 18:26	05/20/22 22:38	1
<b>Manganese</b>	<b>1.5</b>		0.025	0.010	mg/L		05/19/22 18:26	05/20/22 22:38	1
<b>Nickel</b>	<b>0.12</b>		0.025	0.010	mg/L		05/19/22 18:26	05/20/22 22:38	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 18:26	05/20/22 22:38	1

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# Client Sample Results

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

Job ID: 500-216572-1

**Client Sample ID: ROW-124(0-4)-051222D**

**Lab Sample ID: 500-216572-13**

Date Collected: 05/12/22 14:30

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 85.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		05/19/22 18:26	05/20/22 22:38	1
<b>Zinc</b>	<b>0.38</b>	<b>J</b>	0.50	0.020	mg/L		05/19/22 18:26	05/20/22 22:38	1

### Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>12000</b>	<b>B</b>	11	4.7	mg/Kg	☆	05/18/22 16:24	05/19/22 21:54	1
<b>Antimony</b>	<b>0.31</b>	<b>J B</b>	1.1	0.22	mg/Kg	☆	05/18/22 16:24	05/19/22 21:54	1
<b>Arsenic</b>	<b>5.0</b>		0.57	0.20	mg/Kg	☆	05/18/22 16:24	05/19/22 21:54	1
<b>Barium</b>	<b>100</b>		0.57	0.065	mg/Kg	☆	05/18/22 16:24	05/19/22 21:54	1
<b>Beryllium</b>	<b>0.58</b>		0.23	0.053	mg/Kg	☆	05/18/22 16:24	05/21/22 02:22	1
<b>Cadmium</b>	<b>0.19</b>	<b>B</b>	0.11	0.021	mg/Kg	☆	05/18/22 16:24	05/19/22 21:54	1
<b>Calcium</b>	<b>17000</b>	<b>B</b>	11	1.9	mg/Kg	☆	05/18/22 16:24	05/19/22 21:54	1
<b>Chromium</b>	<b>15</b>	<b>B</b>	0.57	0.28	mg/Kg	☆	05/18/22 16:24	05/19/22 21:54	1
<b>Cobalt</b>	<b>13</b>		0.29	0.075	mg/Kg	☆	05/18/22 16:24	05/19/22 21:54	1
<b>Copper</b>	<b>16</b>	<b>B</b>	0.57	0.16	mg/Kg	☆	05/18/22 16:24	05/19/22 21:54	1
<b>Iron</b>	<b>17000</b>	<b>B</b>	11	5.9	mg/Kg	☆	05/18/22 16:24	05/19/22 21:54	1
<b>Lead</b>	<b>16</b>		0.29	0.13	mg/Kg	☆	05/18/22 16:24	05/19/22 21:54	1
<b>Magnesium</b>	<b>9400</b>	<b>B</b>	5.7	2.8	mg/Kg	☆	05/18/22 16:24	05/19/22 21:54	1
<b>Manganese</b>	<b>300</b>	<b>B</b>	0.57	0.083	mg/Kg	☆	05/18/22 16:24	05/19/22 21:54	1
<b>Nickel</b>	<b>26</b>		0.57	0.17	mg/Kg	☆	05/18/22 16:24	05/19/22 21:54	1
<b>Potassium</b>	<b>1400</b>		29	10	mg/Kg	☆	05/18/22 16:24	05/19/22 21:54	1
Selenium	<0.57		0.57	0.34	mg/Kg	☆	05/18/22 16:24	05/21/22 02:22	1
Silver	<0.29		0.29	0.074	mg/Kg	☆	05/18/22 16:24	05/21/22 02:22	1
<b>Sodium</b>	<b>1200</b>		57	8.4	mg/Kg	☆	05/18/22 16:24	05/19/22 21:54	1
<b>Thallium</b>	<b>0.36</b>	<b>J</b>	0.57	0.28	mg/Kg	☆	05/18/22 16:24	05/19/22 21:54	1
<b>Vanadium</b>	<b>23</b>		0.29	0.067	mg/Kg	☆	05/18/22 16:24	05/19/22 21:54	1
<b>Zinc</b>	<b>53</b>	<b>B</b>	1.1	0.50	mg/Kg	☆	05/18/22 16:24	05/19/22 21:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/20/22 11:25	05/23/22 10:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/20/22 11:25	05/23/22 13:21	1

### Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.036</b>		0.019	0.0063	mg/Kg	☆	05/18/22 15:15	05/19/22 08:42	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.3</b>		0.2	0.2	SU			05/19/22 18:43	1



# Client Sample Results

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

Job ID: 500-216572-1

**Client Sample ID: ROW-124(4-9)-051222**

**Lab Sample ID: 500-216572-14**

Date Collected: 05/12/22 14:35

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 82.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>0.020</b>		0.018	0.0077	mg/Kg	☼	05/13/22 18:26	05/23/22 20:05	1
Benzene	<0.0018		0.0018	0.00045	mg/Kg	☼	05/13/22 18:26	05/23/22 20:05	1
Bromodichloromethane	<0.0018		0.0018	0.00036	mg/Kg	☼	05/13/22 18:26	05/23/22 20:05	1
Bromoform	<0.0018		0.0018	0.00052	mg/Kg	☼	05/13/22 18:26	05/23/22 20:05	1
Bromomethane	<0.0044		0.0044	0.0017	mg/Kg	☼	05/13/22 18:26	05/23/22 20:05	1
Carbon disulfide	<0.0044		0.0044	0.00092	mg/Kg	☼	05/13/22 18:26	05/23/22 20:05	1
Carbon tetrachloride	<0.0018		0.0018	0.00051	mg/Kg	☼	05/13/22 18:26	05/23/22 20:05	1
Chlorobenzene	<0.0018		0.0018	0.00065	mg/Kg	☼	05/13/22 18:26	05/23/22 20:05	1
Chloroethane	<0.0044		0.0044	0.0013	mg/Kg	☼	05/13/22 18:26	05/23/22 20:05	1
Chloroform	<0.0018		0.0018	0.00061	mg/Kg	☼	05/13/22 18:26	05/23/22 20:05	1
Chloromethane	<0.0044		0.0044	0.0018	mg/Kg	☼	05/13/22 18:26	05/23/22 20:05	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00049	mg/Kg	☼	05/13/22 18:26	05/23/22 20:05	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00053	mg/Kg	☼	05/13/22 18:26	05/23/22 20:05	1
Dibromochloromethane	<0.0018		0.0018	0.00058	mg/Kg	☼	05/13/22 18:26	05/23/22 20:05	1
1,1-Dichloroethane	<0.0018		0.0018	0.00061	mg/Kg	☼	05/13/22 18:26	05/23/22 20:05	1
1,2-Dichloroethane	<0.0044		0.0044	0.0014	mg/Kg	☼	05/13/22 18:26	05/23/22 20:05	1
1,1-Dichloroethene	<0.0018		0.0018	0.00061	mg/Kg	☼	05/13/22 18:26	05/23/22 20:05	1
1,2-Dichloropropane	<0.0018		0.0018	0.00046	mg/Kg	☼	05/13/22 18:26	05/23/22 20:05	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00062	mg/Kg	☼	05/13/22 18:26	05/23/22 20:05	1
Ethylbenzene	<0.0018		0.0018	0.00085	mg/Kg	☼	05/13/22 18:26	05/23/22 20:05	1
2-Hexanone	<0.0044		0.0044	0.0014	mg/Kg	☼	05/13/22 18:26	05/23/22 20:05	1
Methylene Chloride	<0.0044		0.0044	0.0017	mg/Kg	☼	05/13/22 18:26	05/23/22 20:05	1
<b>Methyl Ethyl Ketone</b>	<b>0.0026 J</b>		0.0044	0.0020	mg/Kg	☼	05/13/22 18:26	05/23/22 20:05	1
methyl isobutyl ketone	<0.0044		0.0044	0.0013	mg/Kg	☼	05/13/22 18:26	05/23/22 20:05	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00052	mg/Kg	☼	05/13/22 18:26	05/23/22 20:05	1
Styrene	<0.0018		0.0018	0.00053	mg/Kg	☼	05/13/22 18:26	05/23/22 20:05	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00056	mg/Kg	☼	05/13/22 18:26	05/23/22 20:05	1
Tetrachloroethene	<0.0018 *+		0.0018	0.00060	mg/Kg	☼	05/13/22 18:26	05/23/22 20:05	1
Toluene	<0.0018		0.0018	0.00045	mg/Kg	☼	05/13/22 18:26	05/23/22 20:05	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00078	mg/Kg	☼	05/13/22 18:26	05/23/22 20:05	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00062	mg/Kg	☼	05/13/22 18:26	05/23/22 20:05	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00059	mg/Kg	☼	05/13/22 18:26	05/23/22 20:05	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00076	mg/Kg	☼	05/13/22 18:26	05/23/22 20:05	1
Trichloroethene	<0.0018		0.0018	0.00060	mg/Kg	☼	05/13/22 18:26	05/23/22 20:05	1
Vinyl chloride	<0.0018		0.0018	0.00078	mg/Kg	☼	05/13/22 18:26	05/23/22 20:05	1
Xylenes, Total	<0.0035		0.0035	0.00057	mg/Kg	☼	05/13/22 18:26	05/23/22 20:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		75 - 131	05/13/22 18:26	05/23/22 20:05	1
Dibromofluoromethane (Surr)	109		75 - 126	05/13/22 18:26	05/23/22 20:05	1
1,2-Dichloroethane-d4 (Surr)	114		70 - 134	05/13/22 18:26	05/23/22 20:05	1
Toluene-d8 (Surr)	100		75 - 124	05/13/22 18:26	05/23/22 20:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1

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# Client Sample Results

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

Job ID: 500-216572-1

**Client Sample ID: ROW-124(4-9)-051222**

**Lab Sample ID: 500-216572-14**

Date Collected: 05/12/22 14:35

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 82.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.087	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
2,4-Dichlorophenol	<0.38		0.38	0.091	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
2,4-Dimethylphenol	<0.38		0.38	0.15	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
2,4-Dinitrophenol	<0.77		0.77	0.67	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
2,4-Dinitrotoluene	<0.19		0.19	0.061	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
2,6-Dinitrotoluene	<0.19		0.19	0.075	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
2-Chlorophenol	<0.19		0.19	0.065	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
2-Methylnaphthalene	<0.077		0.077	0.0070	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
2-Methylphenol	<0.19		0.19	0.061	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
2-Nitrophenol	<0.38		0.38	0.090	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
3 & 4 Methylphenol	<0.19		0.19	0.064	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.054	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
4,6-Dinitro-2-methylphenol	<0.77		0.77	0.31	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
4-Chloroaniline	<0.77		0.77	0.18	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
4-Nitrophenol	<0.77		0.77	0.36	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
Acenaphthene	<0.038		0.038	0.0069	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
Acenaphthylene	<0.038		0.038	0.0050	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
Anthracene	<0.038		0.038	0.0064	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
Benzo[a]anthracene	<0.038		0.038	0.0051	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
Benzo[a]pyrene	<0.038	*3	0.038	0.0074	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
Benzo[b]fluoranthene	<0.038	*3	0.038	0.0083	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
Benzo[g,h,i]perylene	<0.038	*3	0.038	0.012	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
Benzo[k]fluoranthene	<0.038	*3	0.038	0.011	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.057	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.070	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
Butyl benzyl phthalate	<0.19		0.19	0.073	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
Carbazole	<0.19		0.19	0.096	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
Chrysene	<0.038		0.038	0.010	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
Dibenz(a,h)anthracene	<0.038	*3	0.038	0.0074	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
Diethyl phthalate	<0.19		0.19	0.065	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
Di-n-butyl phthalate	<0.19		0.19	0.058	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
Di-n-octyl phthalate	<0.19		0.19	0.062	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
Fluoranthene	<0.038		0.038	0.0071	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
Fluorene	<0.038		0.038	0.0054	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
Hexachlorobenzene	<0.077		0.077	0.0089	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
Hexachlorobutadiene	<0.19		0.19	0.060	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
Hexachlorocyclopentadiene	<0.77	*-	0.77	0.22	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
Hexachloroethane	<0.19		0.19	0.058	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1

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# Client Sample Results

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

Job ID: 500-216572-1

**Client Sample ID: ROW-124(4-9)-051222**

**Lab Sample ID: 500-216572-14**

Date Collected: 05/12/22 14:35

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 82.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.038	*3	0.038	0.0099	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
Naphthalene	<0.038		0.038	0.0059	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
Nitrobenzene	<0.038		0.038	0.0095	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
N-Nitrosodi-n-propylamine	<0.077		0.077	0.047	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
Pentachlorophenol	<0.77		0.77	0.61	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
Phenanthrene	<0.038		0.038	0.0053	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
Phenol	<0.19		0.19	0.085	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1
Pyrene	<0.038		0.038	0.0076	mg/Kg	☼	05/25/22 05:33	05/26/22 17:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	66		31 - 143	05/25/22 05:33	05/26/22 17:18	1
2-Fluorobiphenyl (Surr)	54		43 - 145	05/25/22 05:33	05/26/22 17:18	1
2-Fluorophenol (Surr)	79		31 - 166	05/25/22 05:33	05/26/22 17:18	1
Nitrobenzene-d5 (Surr)	53		37 - 147	05/25/22 05:33	05/26/22 17:18	1
Phenol-d5 (Surr)	81		30 - 153	05/25/22 05:33	05/26/22 17:18	1
Terphenyl-d14 (Surr)	137		42 - 157	05/25/22 05:33	05/26/22 17:18	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		05/19/22 18:23	05/21/22 00:18	1
<b>Barium</b>	<b>0.45</b>	<b>J</b>	0.50	0.050	mg/L		05/19/22 18:23	05/21/22 00:18	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/19/22 18:23	05/21/22 00:18	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/19/22 18:23	05/21/22 00:18	1
Chromium	<0.025		0.025	0.010	mg/L		05/19/22 18:23	05/21/22 00:18	1
<b>Cobalt</b>	<b>0.014</b>	<b>J</b>	0.025	0.010	mg/L		05/19/22 18:23	05/21/22 00:18	1
Copper	<0.025		0.025	0.010	mg/L		05/19/22 18:23	05/21/22 00:18	1
<b>Iron</b>	<b>0.21</b>	<b>J</b>	0.40	0.20	mg/L		05/19/22 18:23	05/21/22 00:18	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/19/22 18:23	05/21/22 00:18	1
<b>Manganese</b>	<b>4.2</b>		0.025	0.010	mg/L		05/19/22 18:23	05/21/22 00:18	1
<b>Nickel</b>	<b>0.013</b>	<b>J</b>	0.025	0.010	mg/L		05/19/22 18:23	05/21/22 00:18	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 18:23	05/21/22 00:18	1
Silver	<0.025		0.025	0.010	mg/L		05/19/22 18:23	05/21/22 00:18	1
<b>Zinc</b>	<b>0.044</b>	<b>J</b>	0.50	0.020	mg/L		05/19/22 18:23	05/21/22 00:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.079</b>		0.050	0.010	mg/L		05/19/22 18:26	05/20/22 22:41	1
<b>Barium</b>	<b>0.53</b>		0.50	0.050	mg/L		05/19/22 18:26	05/20/22 22:41	1
<b>Beryllium</b>	<b>0.0092</b>		0.0040	0.0040	mg/L		05/19/22 18:26	05/20/22 22:41	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/19/22 18:26	05/20/22 22:41	1
<b>Chromium</b>	<b>0.19</b>		0.025	0.010	mg/L		05/19/22 18:26	05/20/22 22:41	1
<b>Cobalt</b>	<b>0.066</b>		0.025	0.010	mg/L		05/19/22 18:26	05/20/22 22:41	1
<b>Copper</b>	<b>0.19</b>		0.025	0.010	mg/L		05/19/22 18:26	05/20/22 22:41	1
<b>Iron</b>	<b>200</b>		0.40	0.20	mg/L		05/19/22 18:26	05/20/22 22:41	1
<b>Lead</b>	<b>0.10</b>		0.0075	0.0075	mg/L		05/19/22 18:26	05/20/22 22:41	1
<b>Manganese</b>	<b>1.5</b>		0.025	0.010	mg/L		05/19/22 18:26	05/20/22 22:41	1
<b>Nickel</b>	<b>0.22</b>		0.025	0.010	mg/L		05/19/22 18:26	05/20/22 22:41	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 18:26	05/20/22 22:41	1

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# Client Sample Results

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

Job ID: 500-216572-1

**Client Sample ID: ROW-124(4-9)-051222**

**Lab Sample ID: 500-216572-14**

Date Collected: 05/12/22 14:35

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 82.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		05/19/22 18:26	05/20/22 22:41	1
<b>Zinc</b>	<b>0.49</b>	<b>J</b>	0.50	0.020	mg/L		05/19/22 18:26	05/20/22 22:41	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>10000</b>	<b>B</b>	12	4.9	mg/Kg	☆	05/18/22 16:24	05/19/22 21:57	1
<b>Antimony</b>	<b>0.59</b>	<b>J B</b>	1.2	0.23	mg/Kg	☆	05/18/22 16:24	05/19/22 21:57	1
<b>Arsenic</b>	<b>8.4</b>		0.60	0.21	mg/Kg	☆	05/18/22 16:24	05/19/22 21:57	1
<b>Barium</b>	<b>54</b>		0.60	0.069	mg/Kg	☆	05/18/22 16:24	05/19/22 21:57	1
<b>Beryllium</b>	<b>0.53</b>		0.24	0.056	mg/Kg	☆	05/18/22 16:24	05/21/22 02:25	1
Cadmium	<0.12		0.12	0.022	mg/Kg	☆	05/18/22 16:24	05/19/22 21:57	1
<b>Calcium</b>	<b>26000</b>	<b>B</b>	12	2.0	mg/Kg	☆	05/18/22 16:24	05/19/22 21:57	1
<b>Chromium</b>	<b>15</b>	<b>B</b>	0.60	0.30	mg/Kg	☆	05/18/22 16:24	05/19/22 21:57	1
<b>Cobalt</b>	<b>9.4</b>		0.30	0.079	mg/Kg	☆	05/18/22 16:24	05/19/22 21:57	1
<b>Copper</b>	<b>21</b>	<b>B</b>	0.60	0.17	mg/Kg	☆	05/18/22 16:24	05/19/22 21:57	1
<b>Iron</b>	<b>21000</b>	<b>B</b>	12	6.3	mg/Kg	☆	05/18/22 16:24	05/19/22 21:57	1
<b>Lead</b>	<b>15</b>		0.30	0.14	mg/Kg	☆	05/18/22 16:24	05/19/22 21:57	1
<b>Magnesium</b>	<b>16000</b>	<b>B</b>	6.0	3.0	mg/Kg	☆	05/18/22 16:24	05/19/22 21:57	1
<b>Manganese</b>	<b>300</b>	<b>B</b>	0.60	0.087	mg/Kg	☆	05/18/22 16:24	05/19/22 21:57	1
<b>Nickel</b>	<b>23</b>		0.60	0.18	mg/Kg	☆	05/18/22 16:24	05/19/22 21:57	1
<b>Potassium</b>	<b>1500</b>		30	11	mg/Kg	☆	05/18/22 16:24	05/19/22 21:57	1
Selenium	<0.60		0.60	0.35	mg/Kg	☆	05/18/22 16:24	05/21/22 02:25	1
Silver	<0.30		0.30	0.078	mg/Kg	☆	05/18/22 16:24	05/21/22 02:25	1
<b>Sodium</b>	<b>740</b>		60	8.9	mg/Kg	☆	05/18/22 16:24	05/19/22 21:57	1
<b>Thallium</b>	<b>0.54</b>	<b>J</b>	0.60	0.30	mg/Kg	☆	05/18/22 16:24	05/19/22 21:57	1
<b>Vanadium</b>	<b>23</b>		0.30	0.071	mg/Kg	☆	05/18/22 16:24	05/19/22 21:57	1
<b>Zinc</b>	<b>53</b>	<b>B</b>	1.2	0.53	mg/Kg	☆	05/18/22 16:24	05/19/22 21:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/20/22 11:25	05/23/22 10:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/20/22 11:25	05/23/22 13:23	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.035</b>		0.018	0.0061	mg/Kg	☆	05/18/22 15:15	05/19/22 08:44	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>7.6</b>		0.2	0.2	SU			05/19/22 18:46	1

# Definitions/Glossary

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

Job ID: 500-216572-1

## 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
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*3	ISTD response or retention time outside acceptable limits.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, 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.
F3	Duplicate RPD exceeds the control limit
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

## Glossary

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

Eurofins Chicago

# Definitions/Glossary

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

Job ID: 500-216572-1

## 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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# Chain of Custody Record

524250



Environment Testing  
TestAmerica

Address: \_\_\_\_\_

Regulatory Program:  DW  NPDES  RCRA  Other

TAL-8210

<b>Client Contact</b>		<b>Project Manager:</b> A. Skopas		<b>Site Contact:</b> C. Pao		<b>Date:</b>		<b>COC No:</b>	
Company Name: Weston Solutions		Tel/Email:		Lab Contact: R. Wong		Carrier:		7 of 4 COCs	
Address: 22 English Dr, #200, St. Paul, MN 55108		<b>Analysis Turnaround Time</b>		Filtered Sample (Y/N) Perform MS/MSD (Y/N) VOCs SVOCs T-act Metals TCLP/SAR Metals PL		500-216572 COC		Sampler	
City/State/Zip: Cambridge, MA 02142		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS						For Lab Use Only:	
Phone:		TAT if different from Below _____						Walk-in Client:	
Fax:		<input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day						Lab Sampling:	
Project Name: ID-100								Job / SDG No	
Site: 1-20								500-216572	
PO#								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)	Sample Specific Notes
PR-03(0-3)-05222		5/22/22	1010	G	S	6	Y	Y	
PR-01(0-3)-05122			1020						
PR-13(5-10)-05122			1035						
RR-101(10-5)-05222			1038						
RR-100(0-4)-05222			1040						
RR-104(0-4)-05222			1045						
RR-107(0-11)-05122			1055						
RR-09(0-4)-05222			1100						
Row-57(0-4)-05222			1200						
Row-57(0-4)-05122			1200						
Row-57(4-9)-05102			205						
PCW-150(0-3)-051222			1230						
Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other									
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.							Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown							<input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months		
Special Instructions/QC Requirements & Comments: Include Fe + Mn TCL2 SPLD 5.5-74.55.9-74.9.5.1-74.1, 4.3-73.3									
Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temp (°C). Obs'd: _____		Therm ID No. _____			
Relinquished by: [Signature]		Company: WS		Date/Time: 5/23/22		Received by: [Signature]		Company: [Signature]	
Relinquished by: [Signature]		Company: [Signature]		Date/Time: 5/23/22		Received by: [Signature]		Company: [Signature]	
Relinquished by: [Signature]		Company: [Signature]		Date/Time: 5/13/22		Received in Laboratory by: [Signature]		Company: [Signature]	

# Chain of Custody Record

524256



Environment Testing  
TestAmerica

TAL-8210

Address: \_\_\_\_\_

Regulatory Program:  DW  NPDES  RCRA  Other

<b>Client Contact</b> Company Name: <u>Weston Solutions</u> Address: <u>200 Kingsbridge Pkwy #180</u> City/State/Zip: <u>Chesham, IL 60521</u> Phone: _____ Fax: _____ Project Name: <u>IDOT 019</u> Site: <u>2-80</u> P O #: _____		<b>Project Manager:</b> <u>A. Slocum</u> Tel/Email: _____		<b>Site Contact:</b> <u>C. Povee</u> Lab Contact: <u>R. Wright</u>		Date: <u>5-12-22</u> Carrier: _____		COC No: _____ 3 of 4 COCs					
<b>Analysis Turnaround Time</b> <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____ <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		<b>Sampler:</b> For Lab Use Only: Walk-in Client <input type="checkbox"/> Lab Sampling <input type="checkbox"/>		Job / SDG No: <u>500-216572</u>		Sample Specific Notes							
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	VOCs	SUOCs	Total Metals	TCLP / SPLP Metals	pH	
5 ROW-142(0-4)-051222	5-12-22	1245	G	S	6			X	X	X	X	X	
6 ROW-142(4-9)-051222		1250											
7 ROW-135(0-4)-051222		1305											
8 ROW-135(4-9)-051222		1310											
9 ROW-130(0-6)-051222		1325											
10 ROW-130(6-12)-051222		1330											
11 ROW-130(12-18)-051222		1335											
12 ROW-124(0-4)-051222		1430											
13 ROW-124(8-4)-051222		1430											
14 ROW-124(4-9)-051222		1435											
15 ROW-121(0-4)-051222		1440											
16 ROW-121(4-9)-051222		1445											
Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other						Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample <input checked="" type="checkbox"/> Non Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown							
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months						Special Instructions/QC Requirements & Comments: <u>Include TCLP + SPLP Fe and Mn</u>							
Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No: _____		Cooler Temp (°C) Obs'd: _____ Corr'd: _____		Therm ID No: _____							
Relinquished by: <u>[Signature]</u>		Company: <u>WS</u>		Date/Time: <u>5-12-22</u>		Received by: <u>[Signature]</u>		Company: <u>ETA</u>		Date/Time: <u>5/12/22 0900</u>			
Relinquished by: <u>[Signature]</u>		Company: <u>ETA</u>		Date/Time: <u>5/13/22 1120</u>		Received by: _____		Company: _____		Date/Time: _____			
Relinquished by: _____		Company: _____		Date/Time: _____		Received in Laboratory by: <u>[Signature]</u>		Company: <u>ETA</u>		Date/Time: <u>5/13/22 1120</u>			



# Chain of Custody Record

524255

 Environment Testing  
TestAmerica

TAL-8210

Address \_\_\_\_\_

 Regulatory Program:  DW  NPDES  RCRA  Other

<b>Client Contact</b>			<b>Project Manager:</b> <u>A. Spicars</u>			<b>Site Contact:</b> <u>C. Aron</u>			<b>Date:</b> <u>5-20-22</u>			<b>COC No:</b>																																																																							
Company Name: <u>Western Solutions</u>			Tel/Email:			Lab Contact: <u>R. Whigum</u>			Carrier:			COCs																																																																							
Address: <u>300 Kibbutz Road, Pkwy #20</u>			Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____ <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day						Sampler:			Job / SDG No																																																																							
City/State/Zip: <u>Lexington, VA 60059</u>									Walk-in Client			Lab Sampling			500-216572																																																																				
Phone:									Sample Identification			Sample Date			Sample Time			Sample Type (C=Comp, G=Grab)																																																																	
Fax:									Matrix			# of Cont.			Filtered Sample (Y/N)			Perform MS / MSD (Y/N)																																																																	
Project Name: <u>2021-019</u>									Sample Date			Sample Time			Sample Type (C=Comp, G=Grab)			Matrix																																																																	
Site: <u>D-80</u>			Sample Date			Sample Time			Sample Type (C=Comp, G=Grab)			Matrix																																																																							
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Sample Specific Notes																																																																																			
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Sample ID</th> <th>Sample Date</th> <th>Sample Time</th> <th>Sample Type</th> <th>Matrix</th> <th># of Cont.</th> <th>Filtered Sample (Y/N)</th> <th>Perform MS / MSD (Y/N)</th> <th>VOCs</th> <th>SVCs</th> <th>Total Metals</th> <th>TCPP/SPP/MTLs</th> <th>P4</th> <th>Notes</th> </tr> </thead> <tbody> <tr> <td>17 ROW-119(0-4)-051222</td> <td>5-12-22</td> <td>1455</td> <td>G</td> <td>S</td> <td>6</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> </tr> <tr> <td>18 ROW-119(4-9)-051222</td> <td>↓</td> <td>1500</td> <td>↓</td> <td>↓</td> <td>↓</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> </tr> <tr> <td>19 ROW-150(5-10)-051222</td> <td>↓</td> <td>1225</td> <td>↓</td> <td>↓</td> <td>↓</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>Added by EETA</td> </tr> <tr> <td>20 ROW-150(10-10)-051222</td> <td>↓</td> <td>1230</td> <td>↓</td> <td>↓</td> <td>↓</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>↓</td> </tr> </tbody> </table>														Sample ID	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	VOCs	SVCs	Total Metals	TCPP/SPP/MTLs	P4	Notes	17 ROW-119(0-4)-051222	5-12-22	1455	G	S	6			X	X	X	X	X		18 ROW-119(4-9)-051222	↓	1500	↓	↓	↓			X	X	X	X	X		19 ROW-150(5-10)-051222	↓	1225	↓	↓	↓			X	X	X	X	X	Added by EETA	20 ROW-150(10-10)-051222	↓	1230	↓	↓	↓			X	X	X	X	X	↓
Sample ID	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	VOCs	SVCs	Total Metals	TCPP/SPP/MTLs	P4	Notes																																																																						
17 ROW-119(0-4)-051222	5-12-22	1455	G	S	6			X	X	X	X	X																																																																							
18 ROW-119(4-9)-051222	↓	1500	↓	↓	↓			X	X	X	X	X																																																																							
19 ROW-150(5-10)-051222	↓	1225	↓	↓	↓			X	X	X	X	X	Added by EETA																																																																						
20 ROW-150(10-10)-051222	↓	1230	↓	↓	↓			X	X	X	X	X	↓																																																																						
Preservation Used: 1=Ice, 2=HCl; 3=H2SO4; 4=HNO3; 5=NaOH; 6=Other																																																																																			
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<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown							<input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months																																																																												
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Custody Seals Intact. <input type="checkbox"/> Yes <input type="checkbox"/> No			Custody Seal No			Cooler Temp (°C) Obs'd			Corr'd			Therm ID No.																																																																							
Relinquished by: <u>[Signature]</u>			Company: <u>WS</u>			Date/Time: <u>5-12-22</u>			Received by: <u>[Signature]</u>			Company: <u>EETA</u>																																																																							
Relinquished by: <u>[Signature]</u>			Company: <u>EETA</u>			Date/Time: <u>5/13/22</u>			Received by: <u>[Signature]</u>			Company: <u>EETA</u>																																																																							
Relinquished by: <u>[Signature]</u>			Company: <u>EETA</u>			Date/Time: <u>5/13/22</u>			Received in Laboratory by: <u>[Signature]</u>			Company: <u>EETA</u>																																																																							

## ANALYTICAL REPORT

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

Laboratory Job ID: 500-216606-1  
Client Project/Site: IDOT - I-80 - WO 019

**For:**

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

Attn: Mr. Andris Slesers



Authorized for release by:  
5/31/2022 8:50:57 AM

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

[Richard.Wright@et.eurofinsus.com](mailto:Richard.Wright@et.eurofinsus.com)

### LINKS

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results through



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

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

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

# Client Sample Results

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

Job ID: 500-216606-1

**Client Sample ID: ROW-109(0-4)-051322**

**Lab Sample ID: 500-216606-1**

Date Collected: 05/13/22 08:50

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 81.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>0.069</b>		0.020	0.0089	mg/Kg	☼	05/14/22 09:17	05/24/22 16:37	1
Benzene	<0.0020		0.0020	0.00052	mg/Kg	☼	05/14/22 09:17	05/24/22 16:37	1
Bromodichloromethane	<0.0020		0.0020	0.00042	mg/Kg	☼	05/14/22 09:17	05/24/22 16:37	1
Bromoform	<0.0020		0.0020	0.00060	mg/Kg	☼	05/14/22 09:17	05/24/22 16:37	1
Bromomethane	<0.0051		0.0051	0.0019	mg/Kg	☼	05/14/22 09:17	05/24/22 16:37	1
<b>Carbon disulfide</b>	<b>0.0022</b>	<b>J</b>	0.0051	0.0011	mg/Kg	☼	05/14/22 09:17	05/24/22 16:37	1
Carbon tetrachloride	<0.0020		0.0020	0.00059	mg/Kg	☼	05/14/22 09:17	05/24/22 16:37	1
Chlorobenzene	<0.0020		0.0020	0.00075	mg/Kg	☼	05/14/22 09:17	05/24/22 16:37	1
Chloroethane	<0.0051		0.0051	0.0015	mg/Kg	☼	05/14/22 09:17	05/24/22 16:37	1
Chloroform	<0.0020		0.0020	0.00071	mg/Kg	☼	05/14/22 09:17	05/24/22 16:37	1
Chloromethane	<0.0051		0.0051	0.0021	mg/Kg	☼	05/14/22 09:17	05/24/22 16:37	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00057	mg/Kg	☼	05/14/22 09:17	05/24/22 16:37	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00062	mg/Kg	☼	05/14/22 09:17	05/24/22 16:37	1
Dibromochloromethane	<0.0020		0.0020	0.00067	mg/Kg	☼	05/14/22 09:17	05/24/22 16:37	1
1,1-Dichloroethane	<0.0020		0.0020	0.00070	mg/Kg	☼	05/14/22 09:17	05/24/22 16:37	1
1,2-Dichloroethane	<0.0051		0.0051	0.0016	mg/Kg	☼	05/14/22 09:17	05/24/22 16:37	1
1,1-Dichloroethene	<0.0020		0.0020	0.00070	mg/Kg	☼	05/14/22 09:17	05/24/22 16:37	1
1,2-Dichloropropane	<0.0020		0.0020	0.00053	mg/Kg	☼	05/14/22 09:17	05/24/22 16:37	1
1,3-Dichloropropane, Total	<0.0020		0.0020	0.00072	mg/Kg	☼	05/14/22 09:17	05/24/22 16:37	1
Ethylbenzene	<0.0020		0.0020	0.00098	mg/Kg	☼	05/14/22 09:17	05/24/22 16:37	1
2-Hexanone	<0.0051		0.0051	0.0016	mg/Kg	☼	05/14/22 09:17	05/24/22 16:37	1
Methylene Chloride	<0.0051		0.0051	0.0020	mg/Kg	☼	05/14/22 09:17	05/24/22 16:37	1
<b>Methyl Ethyl Ketone</b>	<b>0.015</b>		0.0051	0.0023	mg/Kg	☼	05/14/22 09:17	05/24/22 16:37	1
methyl isobutyl ketone	<0.0051		0.0051	0.0015	mg/Kg	☼	05/14/22 09:17	05/24/22 16:37	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00060	mg/Kg	☼	05/14/22 09:17	05/24/22 16:37	1
Styrene	<0.0020		0.0020	0.00062	mg/Kg	☼	05/14/22 09:17	05/24/22 16:37	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00065	mg/Kg	☼	05/14/22 09:17	05/24/22 16:37	1
Tetrachloroethene	<0.0020		0.0020	0.00070	mg/Kg	☼	05/14/22 09:17	05/24/22 16:37	1
Toluene	<0.0020		0.0020	0.00052	mg/Kg	☼	05/14/22 09:17	05/24/22 16:37	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00091	mg/Kg	☼	05/14/22 09:17	05/24/22 16:37	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00072	mg/Kg	☼	05/14/22 09:17	05/24/22 16:37	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00069	mg/Kg	☼	05/14/22 09:17	05/24/22 16:37	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00088	mg/Kg	☼	05/14/22 09:17	05/24/22 16:37	1
<b>Trichloroethene</b>	<b>0.00085</b>	<b>J</b>	0.0020	0.00069	mg/Kg	☼	05/14/22 09:17	05/24/22 16:37	1
Vinyl chloride	<0.0020		0.0020	0.00090	mg/Kg	☼	05/14/22 09:17	05/24/22 16:37	1
Xylenes, Total	<0.0041		0.0041	0.00065	mg/Kg	☼	05/14/22 09:17	05/24/22 16:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		75 - 131	05/14/22 09:17	05/24/22 16:37	1
Dibromofluoromethane (Surr)	108		75 - 126	05/14/22 09:17	05/24/22 16:37	1
1,2-Dichloroethane-d4 (Surr)	118		70 - 134	05/14/22 09:17	05/24/22 16:37	1
Toluene-d8 (Surr)	99		75 - 124	05/14/22 09:17	05/24/22 16:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.042	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
1,4-Dichlorobenzene	<0.20		0.20	0.050	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.045	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1

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# Client Sample Results

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

Job ID: 500-216606-1

**Client Sample ID: ROW-109(0-4)-051322**

**Lab Sample ID: 500-216606-1**

**Date Collected: 05/13/22 08:50**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 81.2**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.089	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
2,4,6-Trichlorophenol	<0.39		0.39	0.13	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
2,4-Dichlorophenol	<0.39		0.39	0.093	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
2,4-Dinitrophenol	<0.79		0.79	0.69	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
2,4-Dinitrotoluene	<0.20		0.20	0.062	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
2,6-Dinitrotoluene	<0.20		0.20	0.077	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
2-Chloronaphthalene	<0.20		0.20	0.043	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
2-Chlorophenol	<0.20		0.20	0.067	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
2-Methylnaphthalene	<0.079		0.079	0.0072	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
2-Nitroaniline	<0.20		0.20	0.052	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
2-Nitrophenol	<0.39		0.39	0.092	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
3 & 4 Methylphenol	<0.20		0.20	0.065	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.31	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
4-Bromophenyl phenyl ether	<0.20	+	0.20	0.051	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
4-Chloroaniline	<0.79		0.79	0.18	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
4-Nitroaniline	<0.39		0.39	0.16	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
4-Nitrophenol	<0.79		0.79	0.37	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
Acenaphthene	<0.039		0.039	0.0070	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
Acenaphthylene	<0.039		0.039	0.0051	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
Anthracene	<0.039		0.039	0.0065	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
Benzo[a]anthracene	<0.039		0.039	0.0052	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
Benzo[a]pyrene	<0.039		0.039	0.0075	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
<b>Benzo[b]fluoranthene</b>	<b>0.010</b>	<b>J</b>	0.039	0.0084	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
Benzo[g,h,i]perylene	<0.039		0.039	0.013	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
Benzo[k]fluoranthene	<0.039		0.039	0.011	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.058	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.071	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
Butyl benzyl phthalate	<0.20		0.20	0.074	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
Carbazole	<0.20		0.20	0.097	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
Chrysene	<0.039		0.039	0.011	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
Dibenz(a,h)anthracene	<0.039		0.039	0.0075	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
Diethyl phthalate	<0.20		0.20	0.066	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
Dimethyl phthalate	<0.20		0.20	0.051	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
Di-n-butyl phthalate	<0.20		0.20	0.059	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
<b>Fluoranthene</b>	<b>0.0097</b>	<b>J</b>	0.039	0.0072	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
Fluorene	<0.039		0.039	0.0055	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
Hexachlorobenzene	<0.079	+	0.079	0.0090	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
Hexachlorobutadiene	<0.20		0.20	0.061	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
Hexachlorocyclopentadiene	<0.79		0.79	0.22	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
Hexachloroethane	<0.20		0.20	0.059	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1

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# Client Sample Results

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

Job ID: 500-216606-1

**Client Sample ID: ROW-109(0-4)-051322**

**Lab Sample ID: 500-216606-1**

Date Collected: 05/13/22 08:50

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 81.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.039		0.039	0.010	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
Naphthalene	<0.039		0.039	0.0060	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
Nitrobenzene	<0.039		0.039	0.0097	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.048	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
N-Nitrosodiphenylamine	<0.20		0.20	0.046	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
Pentachlorophenol	<0.79		0.79	0.63	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
<b>Phenanthrene</b>	<b>0.014</b>	<b>J</b>	0.039	0.0054	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
Phenol	<0.20		0.20	0.087	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1
<b>Pyrene</b>	<b>0.015</b>	<b>J</b>	0.039	0.0077	mg/Kg	☼	05/26/22 06:07	05/26/22 17:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	72		31 - 143	05/26/22 06:07	05/26/22 17:51	1
2-Fluorobiphenyl (Surr)	67		43 - 145	05/26/22 06:07	05/26/22 17:51	1
2-Fluorophenol (Surr)	64		31 - 166	05/26/22 06:07	05/26/22 17:51	1
Nitrobenzene-d5 (Surr)	76		37 - 147	05/26/22 06:07	05/26/22 17:51	1
Phenol-d5 (Surr)	67		30 - 153	05/26/22 06:07	05/26/22 17:51	1
Terphenyl-d14 (Surr)	85		42 - 157	05/26/22 06:07	05/26/22 17:51	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		05/19/22 18:24	05/20/22 21:40	1
<b>Barium</b>	<b>0.31</b>	<b>J</b>	0.50	0.050	mg/L		05/19/22 18:24	05/20/22 21:40	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/19/22 18:24	05/20/22 21:40	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/19/22 18:24	05/20/22 21:40	1
Chromium	<0.025		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 21:40	1
<b>Cobalt</b>	<b>0.026</b>		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 21:40	1
Copper	<0.025		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 21:40	1
<b>Iron</b>	<b>0.20</b>	<b>J</b>	0.40	0.20	mg/L		05/19/22 18:24	05/20/22 21:40	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/19/22 18:24	05/20/22 21:40	1
<b>Manganese</b>	<b>3.8</b>		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 21:40	1
<b>Nickel</b>	<b>0.010</b>	<b>J</b>	0.025	0.010	mg/L		05/19/22 18:24	05/20/22 21:40	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 18:24	05/20/22 21:40	1
Silver	<0.025		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 21:40	1
Zinc	<0.50		0.50	0.020	mg/L		05/19/22 18:24	05/20/22 21:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.037</b>	<b>J</b>	0.050	0.010	mg/L		05/19/22 18:27	05/23/22 15:07	1
<b>Barium</b>	<b>0.48</b>	<b>J</b>	0.50	0.050	mg/L		05/19/22 18:27	05/23/22 15:07	1
<b>Beryllium</b>	<b>0.0056</b>		0.0040	0.0040	mg/L		05/19/22 18:27	05/23/22 15:07	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/19/22 18:27	05/23/22 15:07	1
<b>Chromium</b>	<b>0.12</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:07	1
<b>Cobalt</b>	<b>0.040</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:07	1
<b>Copper</b>	<b>0.12</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:07	1
<b>Iron</b>	<b>120</b>		0.40	0.20	mg/L		05/19/22 18:27	05/23/22 15:07	1
<b>Lead</b>	<b>0.082</b>		0.0075	0.0075	mg/L		05/19/22 18:27	05/23/22 15:07	1
<b>Manganese</b>	<b>1.2</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:07	1
<b>Nickel</b>	<b>0.10</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:07	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 18:27	05/23/22 15:07	1

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# Client Sample Results

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

Job ID: 500-216606-1

**Client Sample ID: ROW-109(0-4)-051322**

**Lab Sample ID: 500-216606-1**

Date Collected: 05/13/22 08:50

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 81.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:07	1
Zinc	0.32	J	0.50	0.020	mg/L		05/19/22 18:27	05/23/22 15:07	1

### Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	11000		11	4.7	mg/Kg	☆	05/19/22 16:29	05/20/22 19:51	1
Antimony	0.44	J F1	1.1	0.22	mg/Kg	☆	05/19/22 16:29	05/20/22 19:51	1
Arsenic	5.4	F1 F2	0.57	0.20	mg/Kg	☆	05/19/22 16:29	05/20/22 19:51	1
Barium	69		0.57	0.065	mg/Kg	☆	05/19/22 16:29	05/20/22 19:51	1
Beryllium	0.68		0.23	0.054	mg/Kg	☆	05/19/22 16:29	05/20/22 19:51	1
Cadmium	0.10	J B	0.11	0.021	mg/Kg	☆	05/19/22 16:29	05/20/22 19:51	1
Calcium	24000	B F2	11	1.9	mg/Kg	☆	05/19/22 16:29	05/20/22 19:51	1
Chromium	15	B	0.57	0.28	mg/Kg	☆	05/19/22 16:29	05/20/22 19:51	1
Cobalt	9.6		0.29	0.075	mg/Kg	☆	05/19/22 16:29	05/20/22 19:51	1
Copper	16	B	0.57	0.16	mg/Kg	☆	05/19/22 16:29	05/20/22 19:51	1
Iron	15000	F2	11	6.0	mg/Kg	☆	05/19/22 16:29	05/20/22 19:51	1
Lead	14		0.29	0.13	mg/Kg	☆	05/19/22 16:29	05/20/22 19:51	1
Magnesium	13000	F2	5.7	2.8	mg/Kg	☆	05/19/22 16:29	05/20/22 19:51	1
Manganese	250	F2	0.57	0.083	mg/Kg	☆	05/19/22 16:29	05/20/22 19:51	1
Nickel	20		0.57	0.17	mg/Kg	☆	05/19/22 16:29	05/20/22 19:51	1
Potassium	1400	F1	29	10	mg/Kg	☆	05/19/22 16:29	05/20/22 19:51	1
Selenium	<0.57	F1	0.57	0.34	mg/Kg	☆	05/19/22 16:29	05/20/22 19:51	1
Silver	0.22	J	0.29	0.074	mg/Kg	☆	05/19/22 16:29	05/20/22 19:51	1
Sodium	570		57	8.5	mg/Kg	☆	05/19/22 16:29	05/20/22 19:51	1
Thallium	0.41	J	0.57	0.29	mg/Kg	☆	05/19/22 16:29	05/20/22 19:51	1
Vanadium	23		0.29	0.068	mg/Kg	☆	05/19/22 16:29	05/20/22 19:51	1
Zinc	50		1.1	0.50	mg/Kg	☆	05/19/22 16:29	05/20/22 19:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/20/22 11:25	05/23/22 11:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/20/22 11:25	05/23/22 13:53	1

### Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.028		0.019	0.0064	mg/Kg	☆	05/19/22 15:15	05/20/22 07:53	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.7		0.2	0.2	SU			05/19/22 19:05	1

# Client Sample Results

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

Job ID: 500-216606-1

**Client Sample ID: ROW-109(4-9)-051322**

**Lab Sample ID: 500-216606-2**

**Date Collected: 05/13/22 08:55**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 78.6**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>0.068</b>		0.023	0.010	mg/Kg	☼	05/14/22 09:17	05/24/22 17:02	1
Benzene	<0.0023		0.0023	0.00059	mg/Kg	☼	05/14/22 09:17	05/24/22 17:02	1
Bromodichloromethane	<0.0023		0.0023	0.00047	mg/Kg	☼	05/14/22 09:17	05/24/22 17:02	1
Bromoform	<0.0023		0.0023	0.00067	mg/Kg	☼	05/14/22 09:17	05/24/22 17:02	1
Bromomethane	<0.0058		0.0058	0.0022	mg/Kg	☼	05/14/22 09:17	05/24/22 17:02	1
Carbon disulfide	<0.0058		0.0058	0.0012	mg/Kg	☼	05/14/22 09:17	05/24/22 17:02	1
Carbon tetrachloride	<0.0023		0.0023	0.00067	mg/Kg	☼	05/14/22 09:17	05/24/22 17:02	1
Chlorobenzene	<0.0023		0.0023	0.00085	mg/Kg	☼	05/14/22 09:17	05/24/22 17:02	1
Chloroethane	<0.0058		0.0058	0.0017	mg/Kg	☼	05/14/22 09:17	05/24/22 17:02	1
Chloroform	<0.0023		0.0023	0.00080	mg/Kg	☼	05/14/22 09:17	05/24/22 17:02	1
Chloromethane	<0.0058		0.0058	0.0023	mg/Kg	☼	05/14/22 09:17	05/24/22 17:02	1
cis-1,2-Dichloroethene	<0.0023		0.0023	0.00064	mg/Kg	☼	05/14/22 09:17	05/24/22 17:02	1
cis-1,3-Dichloropropene	<0.0023		0.0023	0.00070	mg/Kg	☼	05/14/22 09:17	05/24/22 17:02	1
Dibromochloromethane	<0.0023		0.0023	0.00075	mg/Kg	☼	05/14/22 09:17	05/24/22 17:02	1
1,1-Dichloroethane	<0.0023		0.0023	0.00079	mg/Kg	☼	05/14/22 09:17	05/24/22 17:02	1
1,2-Dichloroethane	<0.0058		0.0058	0.0018	mg/Kg	☼	05/14/22 09:17	05/24/22 17:02	1
1,1-Dichloroethene	<0.0023		0.0023	0.00079	mg/Kg	☼	05/14/22 09:17	05/24/22 17:02	1
1,2-Dichloropropane	<0.0023		0.0023	0.00060	mg/Kg	☼	05/14/22 09:17	05/24/22 17:02	1
1,3-Dichloropropene, Total	<0.0023		0.0023	0.00081	mg/Kg	☼	05/14/22 09:17	05/24/22 17:02	1
Ethylbenzene	<0.0023		0.0023	0.0011	mg/Kg	☼	05/14/22 09:17	05/24/22 17:02	1
2-Hexanone	<0.0058		0.0058	0.0018	mg/Kg	☼	05/14/22 09:17	05/24/22 17:02	1
Methylene Chloride	<0.0058		0.0058	0.0023	mg/Kg	☼	05/14/22 09:17	05/24/22 17:02	1
<b>Methyl Ethyl Ketone</b>	<b>0.021</b>		0.0058	0.0026	mg/Kg	☼	05/14/22 09:17	05/24/22 17:02	1
methyl isobutyl ketone	<0.0058		0.0058	0.0017	mg/Kg	☼	05/14/22 09:17	05/24/22 17:02	1
Methyl tert-butyl ether	<0.0023		0.0023	0.00068	mg/Kg	☼	05/14/22 09:17	05/24/22 17:02	1
Styrene	<0.0023		0.0023	0.00070	mg/Kg	☼	05/14/22 09:17	05/24/22 17:02	1
1,1,2,2-Tetrachloroethane	<0.0023		0.0023	0.00074	mg/Kg	☼	05/14/22 09:17	05/24/22 17:02	1
Tetrachloroethene	<0.0023		0.0023	0.00079	mg/Kg	☼	05/14/22 09:17	05/24/22 17:02	1
<b>Toluene</b>	<b>0.0011 J</b>		0.0023	0.00058	mg/Kg	☼	05/14/22 09:17	05/24/22 17:02	1
trans-1,2-Dichloroethene	<0.0023		0.0023	0.0010	mg/Kg	☼	05/14/22 09:17	05/24/22 17:02	1
trans-1,3-Dichloropropene	<0.0023		0.0023	0.00081	mg/Kg	☼	05/14/22 09:17	05/24/22 17:02	1
1,1,1-Trichloroethane	<0.0023		0.0023	0.00077	mg/Kg	☼	05/14/22 09:17	05/24/22 17:02	1
1,1,2-Trichloroethane	<0.0023		0.0023	0.00099	mg/Kg	☼	05/14/22 09:17	05/24/22 17:02	1
Trichloroethene	<0.0023		0.0023	0.00078	mg/Kg	☼	05/14/22 09:17	05/24/22 17:02	1
Vinyl chloride	<0.0023		0.0023	0.0010	mg/Kg	☼	05/14/22 09:17	05/24/22 17:02	1
Xylenes, Total	<0.0046		0.0046	0.00074	mg/Kg	☼	05/14/22 09:17	05/24/22 17:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		75 - 131	05/14/22 09:17	05/24/22 17:02	1
Dibromofluoromethane (Surr)	106		75 - 126	05/14/22 09:17	05/24/22 17:02	1
1,2-Dichloroethane-d4 (Surr)	119		70 - 134	05/14/22 09:17	05/24/22 17:02	1
Toluene-d8 (Surr)	99		75 - 124	05/14/22 09:17	05/24/22 17:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.043	mg/Kg	☼	05/26/22 06:07	05/26/22 18:12	1
1,2-Dichlorobenzene	<0.20		0.20	0.048	mg/Kg	☼	05/26/22 06:07	05/26/22 18:12	1
1,3-Dichlorobenzene	<0.20		0.20	0.045	mg/Kg	☼	05/26/22 06:07	05/26/22 18:12	1
1,4-Dichlorobenzene	<0.20		0.20	0.051	mg/Kg	☼	05/26/22 06:07	05/26/22 18:12	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.047	mg/Kg	☼	05/26/22 06:07	05/26/22 18:12	1

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# Client Sample Results

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

Job ID: 500-216606-1

**Client Sample ID: ROW-109(4-9)-051322**

**Lab Sample ID: 500-216606-2**

Date Collected: 05/13/22 08:55

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 78.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.40		0.40	0.092	mg/Kg	✳	05/26/22 06:07	05/26/22 18:12	1
2,4,6-Trichlorophenol	<0.40		0.40	0.14	mg/Kg	✳	05/26/22 06:07	05/26/22 18:12	1
2,4-Dichlorophenol	<0.40		0.40	0.095	mg/Kg	✳	05/26/22 06:07	05/26/22 18:12	1
2,4-Dimethylphenol	<0.40		0.40	0.15	mg/Kg	✳	05/26/22 06:07	05/26/22 18:12	1
2,4-Dinitrophenol	<0.81		0.81	0.71	mg/Kg	✳	05/26/22 06:07	05/26/22 18:12	1
2,4-Dinitrotoluene	<0.20		0.20	0.064	mg/Kg	✳	05/26/22 06:07	05/26/22 18:12	1
2,6-Dinitrotoluene	<0.20		0.20	0.079	mg/Kg	✳	05/26/22 06:07	05/26/22 18:12	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	✳	05/26/22 06:07	05/26/22 18:12	1
2-Chlorophenol	<0.20		0.20	0.069	mg/Kg	✳	05/26/22 06:07	05/26/22 18:12	1
2-Methylnaphthalene	<0.081		0.081	0.0074	mg/Kg	✳	05/26/22 06:07	05/26/22 18:12	1
2-Methylphenol	<0.20		0.20	0.064	mg/Kg	✳	05/26/22 06:07	05/26/22 18:12	1
2-Nitroaniline	<0.20		0.20	0.054	mg/Kg	✳	05/26/22 06:07	05/26/22 18:12	1
2-Nitrophenol	<0.40		0.40	0.095	mg/Kg	✳	05/26/22 06:07	05/26/22 18:12	1
<b>3 &amp; 4 Methylphenol</b>	<b>0.14</b>	<b>J</b>	0.20	0.067	mg/Kg	✳	05/26/22 06:07	05/26/22 18:12	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.056	mg/Kg	✳	05/26/22 06:07	05/26/22 18:12	1
3-Nitroaniline	<0.40		0.40	0.12	mg/Kg	✳	05/26/22 06:07	05/26/22 18:12	1
4,6-Dinitro-2-methylphenol	<0.81		0.81	0.32	mg/Kg	✳	05/26/22 06:07	05/26/22 18:12	1
4-Bromophenyl phenyl ether	<0.20	*+	0.20	0.053	mg/Kg	✳	05/26/22 06:07	05/26/22 18:12	1
4-Chloro-3-methylphenol	<0.40		0.40	0.14	mg/Kg	✳	05/26/22 06:07	05/26/22 18:12	1
4-Chloroaniline	<0.81		0.81	0.19	mg/Kg	✳	05/26/22 06:07	05/26/22 18:12	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.047	mg/Kg	✳	05/26/22 06:07	05/26/22 18:12	1
4-Nitroaniline	<0.40		0.40	0.17	mg/Kg	✳	05/26/22 06:07	05/26/22 18:12	1
4-Nitrophenol	<0.81		0.81	0.38	mg/Kg	✳	05/26/22 06:07	05/26/22 18:12	1
Acenaphthene	<0.040		0.040	0.0072	mg/Kg	✳	05/26/22 06:07	05/26/22 18:12	1
Acenaphthylene	<0.040		0.040	0.0053	mg/Kg	✳	05/26/22 06:07	05/26/22 18:12	1
Anthracene	<0.040		0.040	0.0067	mg/Kg	✳	05/26/22 06:07	05/26/22 18:12	1
<b>Benzo[a]anthracene</b>	<b>0.0086</b>	<b>J</b>	0.040	0.0054	mg/Kg	✳	05/26/22 06:07	05/26/22 18:12	1
<b>Benzo[a]pyrene</b>	<b>0.016</b>	<b>J</b>	0.040	0.0078	mg/Kg	✳	05/26/22 06:07	05/26/22 18:12	1
<b>Benzo[b]fluoranthene</b>	<b>0.020</b>	<b>J</b>	0.040	0.0087	mg/Kg	✳	05/26/22 06:07	05/26/22 18:12	1
Benzo[g,h,i]perylene	<0.040		0.040	0.013	mg/Kg	✳	05/26/22 06:07	05/26/22 18:12	1
Benzo[k]fluoranthene	<0.040		0.040	0.012	mg/Kg	✳	05/26/22 06:07	05/26/22 18:12	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.041	mg/Kg	✳	05/26/22 06:07	05/26/22 18:12	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.060	mg/Kg	✳	05/26/22 06:07	05/26/22 18:12	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.073	mg/Kg	✳	05/26/22 06:07	05/26/22 18:12	1
Butyl benzyl phthalate	<0.20		0.20	0.076	mg/Kg	✳	05/26/22 06:07	05/26/22 18:12	1
Carbazole	<0.20		0.20	0.10	mg/Kg	✳	05/26/22 06:07	05/26/22 18:12	1
<b>Chrysene</b>	<b>0.014</b>	<b>J</b>	0.040	0.011	mg/Kg	✳	05/26/22 06:07	05/26/22 18:12	1
Dibenz(a,h)anthracene	<0.040		0.040	0.0078	mg/Kg	✳	05/26/22 06:07	05/26/22 18:12	1
Dibenzofuran	<0.20		0.20	0.047	mg/Kg	✳	05/26/22 06:07	05/26/22 18:12	1
Diethyl phthalate	<0.20		0.20	0.068	mg/Kg	✳	05/26/22 06:07	05/26/22 18:12	1
Dimethyl phthalate	<0.20		0.20	0.052	mg/Kg	✳	05/26/22 06:07	05/26/22 18:12	1
Di-n-butyl phthalate	<0.20		0.20	0.061	mg/Kg	✳	05/26/22 06:07	05/26/22 18:12	1
Di-n-octyl phthalate	<0.20		0.20	0.065	mg/Kg	✳	05/26/22 06:07	05/26/22 18:12	1
<b>Fluoranthene</b>	<b>0.028</b>	<b>J</b>	0.040	0.0074	mg/Kg	✳	05/26/22 06:07	05/26/22 18:12	1
Fluorene	<0.040		0.040	0.0056	mg/Kg	✳	05/26/22 06:07	05/26/22 18:12	1
Hexachlorobenzene	<0.081	*+	0.081	0.0093	mg/Kg	✳	05/26/22 06:07	05/26/22 18:12	1
Hexachlorobutadiene	<0.20		0.20	0.063	mg/Kg	✳	05/26/22 06:07	05/26/22 18:12	1
Hexachlorocyclopentadiene	<0.81		0.81	0.23	mg/Kg	✳	05/26/22 06:07	05/26/22 18:12	1
Hexachloroethane	<0.20		0.20	0.061	mg/Kg	✳	05/26/22 06:07	05/26/22 18:12	1

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# Client Sample Results

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

Job ID: 500-216606-1

**Client Sample ID: ROW-109(4-9)-051322**

**Lab Sample ID: 500-216606-2**

**Date Collected: 05/13/22 08:55**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 78.6**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.040		0.040	0.010	mg/Kg	☼	05/26/22 06:07	05/26/22 18:12	1
Isophorone	<0.20		0.20	0.045	mg/Kg	☼	05/26/22 06:07	05/26/22 18:12	1
Naphthalene	<0.040		0.040	0.0062	mg/Kg	☼	05/26/22 06:07	05/26/22 18:12	1
Nitrobenzene	<0.040		0.040	0.010	mg/Kg	☼	05/26/22 06:07	05/26/22 18:12	1
N-Nitrosodi-n-propylamine	<0.081		0.081	0.049	mg/Kg	☼	05/26/22 06:07	05/26/22 18:12	1
N-Nitrosodiphenylamine	<0.20		0.20	0.047	mg/Kg	☼	05/26/22 06:07	05/26/22 18:12	1
Pentachlorophenol	<0.81		0.81	0.64	mg/Kg	☼	05/26/22 06:07	05/26/22 18:12	1
<b>Phenanthrene</b>	<b>0.012</b>	<b>J</b>	0.040	0.0056	mg/Kg	☼	05/26/22 06:07	05/26/22 18:12	1
Phenol	<0.20		0.20	0.089	mg/Kg	☼	05/26/22 06:07	05/26/22 18:12	1
<b>Pyrene</b>	<b>0.027</b>	<b>J</b>	0.040	0.0080	mg/Kg	☼	05/26/22 06:07	05/26/22 18:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	79		31 - 143				05/26/22 06:07	05/26/22 18:12	1
2-Fluorobiphenyl (Surr)	77		43 - 145				05/26/22 06:07	05/26/22 18:12	1
2-Fluorophenol (Surr)	74		31 - 166				05/26/22 06:07	05/26/22 18:12	1
Nitrobenzene-d5 (Surr)	93		37 - 147				05/26/22 06:07	05/26/22 18:12	1
Phenol-d5 (Surr)	83		30 - 153				05/26/22 06:07	05/26/22 18:12	1
Terphenyl-d14 (Surr)	95		42 - 157				05/26/22 06:07	05/26/22 18:12	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.016</b>	<b>J</b>	0.050	0.010	mg/L		05/19/22 18:24	05/20/22 21:43	1
<b>Barium</b>	<b>0.58</b>		0.50	0.050	mg/L		05/19/22 18:24	05/20/22 21:43	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/19/22 18:24	05/20/22 21:43	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/19/22 18:24	05/20/22 21:43	1
Chromium	<0.025		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 21:43	1
<b>Cobalt</b>	<b>0.045</b>		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 21:43	1
Copper	<0.025		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 21:43	1
<b>Iron</b>	<b>3.0</b>		0.40	0.20	mg/L		05/19/22 18:24	05/20/22 21:43	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/19/22 18:24	05/20/22 21:43	1
<b>Manganese</b>	<b>7.7</b>		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 21:43	1
<b>Nickel</b>	<b>0.018</b>	<b>J</b>	0.025	0.010	mg/L		05/19/22 18:24	05/20/22 21:43	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 18:24	05/20/22 21:43	1
Silver	<0.025		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 21:43	1
<b>Zinc</b>	<b>0.083</b>	<b>J</b>	0.50	0.020	mg/L		05/19/22 18:24	05/20/22 21:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.018</b>	<b>J</b>	0.050	0.010	mg/L		05/19/22 18:27	05/23/22 15:10	1
<b>Barium</b>	<b>0.52</b>		0.50	0.050	mg/L		05/19/22 18:27	05/23/22 15:10	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/19/22 18:27	05/23/22 15:10	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/19/22 18:27	05/23/22 15:10	1
<b>Chromium</b>	<b>0.084</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:10	1
<b>Cobalt</b>	<b>0.026</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:10	1
<b>Copper</b>	<b>0.080</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:10	1
<b>Iron</b>	<b>71</b>		0.40	0.20	mg/L		05/19/22 18:27	05/23/22 15:10	1
<b>Lead</b>	<b>0.053</b>		0.0075	0.0075	mg/L		05/19/22 18:27	05/23/22 15:10	1
<b>Manganese</b>	<b>1.1</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:10	1
<b>Nickel</b>	<b>0.050</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:10	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 18:27	05/23/22 15:10	1

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# Client Sample Results

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

Job ID: 500-216606-1

**Client Sample ID: ROW-109(4-9)-051322**

**Lab Sample ID: 500-216606-2**

Date Collected: 05/13/22 08:55

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 78.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:10	1
<b>Zinc</b>	<b>0.26</b>	<b>J</b>	0.50	0.020	mg/L		05/19/22 18:27	05/23/22 15:10	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>11000</b>		12	5.0	mg/Kg	☆	05/19/22 16:29	05/20/22 20:14	1
<b>Antimony</b>	<b>0.55</b>	<b>J</b>	1.2	0.24	mg/Kg	☆	05/19/22 16:29	05/20/22 20:14	1
<b>Arsenic</b>	<b>4.1</b>		0.61	0.21	mg/Kg	☆	05/19/22 16:29	05/20/22 20:14	1
<b>Barium</b>	<b>97</b>		0.61	0.070	mg/Kg	☆	05/19/22 16:29	05/20/22 20:14	1
<b>Beryllium</b>	<b>0.65</b>		0.25	0.057	mg/Kg	☆	05/19/22 16:29	05/20/22 20:14	1
<b>Cadmium</b>	<b>0.16</b>	<b>B</b>	0.12	0.022	mg/Kg	☆	05/19/22 16:29	05/20/22 20:14	1
<b>Calcium</b>	<b>4600</b>	<b>B</b>	12	2.1	mg/Kg	☆	05/19/22 16:29	05/20/22 20:14	1
<b>Chromium</b>	<b>16</b>	<b>B</b>	0.61	0.30	mg/Kg	☆	05/19/22 16:29	05/20/22 20:14	1
<b>Cobalt</b>	<b>8.1</b>		0.31	0.080	mg/Kg	☆	05/19/22 16:29	05/20/22 20:14	1
<b>Copper</b>	<b>13</b>	<b>B</b>	0.61	0.17	mg/Kg	☆	05/19/22 16:29	05/20/22 20:14	1
<b>Iron</b>	<b>13000</b>		12	6.4	mg/Kg	☆	05/19/22 16:29	05/20/22 20:14	1
<b>Lead</b>	<b>16</b>		0.31	0.14	mg/Kg	☆	05/19/22 16:29	05/20/22 20:14	1
<b>Magnesium</b>	<b>3100</b>		6.1	3.0	mg/Kg	☆	05/19/22 16:29	05/20/22 20:14	1
<b>Manganese</b>	<b>310</b>		0.61	0.089	mg/Kg	☆	05/19/22 16:29	05/20/22 20:14	1
<b>Nickel</b>	<b>14</b>		0.61	0.18	mg/Kg	☆	05/19/22 16:29	05/20/22 20:14	1
<b>Potassium</b>	<b>1000</b>		31	11	mg/Kg	☆	05/19/22 16:29	05/20/22 20:14	1
Selenium	<0.61		0.61	0.36	mg/Kg	☆	05/19/22 16:29	05/20/22 20:14	1
<b>Silver</b>	<b>0.25</b>	<b>J</b>	0.31	0.079	mg/Kg	☆	05/19/22 16:29	05/20/22 20:14	1
<b>Sodium</b>	<b>200</b>		61	9.1	mg/Kg	☆	05/19/22 16:29	05/20/22 20:14	1
<b>Thallium</b>	<b>0.35</b>	<b>J</b>	0.61	0.31	mg/Kg	☆	05/19/22 16:29	05/20/22 20:14	1
<b>Vanadium</b>	<b>28</b>		0.31	0.072	mg/Kg	☆	05/19/22 16:29	05/20/22 20:14	1
<b>Zinc</b>	<b>51</b>		1.2	0.54	mg/Kg	☆	05/19/22 16:29	05/20/22 20:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/20/22 11:25	05/23/22 11:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/20/22 11:25	05/23/22 13:55	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.038</b>		0.020	0.0067	mg/Kg	☆	05/19/22 15:15	05/20/22 07:55	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>6.8</b>		0.2	0.2	SU			05/19/22 19:08	1

# Client Sample Results

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

Job ID: 500-216606-1

**Client Sample ID: ROW-115(0-4)-051322**

**Lab Sample ID: 500-216606-3**

**Date Collected: 05/13/22 09:50**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 86.9**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018	*+	0.018	0.0081	mg/Kg	☼	05/14/22 09:17	05/23/22 13:33	1
Benzene	<0.0018		0.0018	0.00047	mg/Kg	☼	05/14/22 09:17	05/23/22 13:33	1
Bromodichloromethane	<0.0018		0.0018	0.00038	mg/Kg	☼	05/14/22 09:17	05/23/22 13:33	1
Bromoform	<0.0018		0.0018	0.00054	mg/Kg	☼	05/14/22 09:17	05/23/22 13:33	1
Bromomethane	<0.0046		0.0046	0.0017	mg/Kg	☼	05/14/22 09:17	05/23/22 13:33	1
Carbon disulfide	<0.0046		0.0046	0.00096	mg/Kg	☼	05/14/22 09:17	05/23/22 13:33	1
Carbon tetrachloride	<0.0018	*+	0.0018	0.00054	mg/Kg	☼	05/14/22 09:17	05/23/22 13:33	1
Chlorobenzene	<0.0018		0.0018	0.00068	mg/Kg	☼	05/14/22 09:17	05/23/22 13:33	1
Chloroethane	<0.0046		0.0046	0.0014	mg/Kg	☼	05/14/22 09:17	05/23/22 13:33	1
Chloroform	<0.0018		0.0018	0.00064	mg/Kg	☼	05/14/22 09:17	05/23/22 13:33	1
Chloromethane	<0.0046		0.0046	0.0019	mg/Kg	☼	05/14/22 09:17	05/23/22 13:33	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00052	mg/Kg	☼	05/14/22 09:17	05/23/22 13:33	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00056	mg/Kg	☼	05/14/22 09:17	05/23/22 13:33	1
Dibromochloromethane	<0.0018		0.0018	0.00060	mg/Kg	☼	05/14/22 09:17	05/23/22 13:33	1
1,1-Dichloroethane	<0.0018		0.0018	0.00063	mg/Kg	☼	05/14/22 09:17	05/23/22 13:33	1
1,2-Dichloroethane	<0.0046		0.0046	0.0014	mg/Kg	☼	05/14/22 09:17	05/23/22 13:33	1
1,1-Dichloroethene	<0.0018		0.0018	0.00064	mg/Kg	☼	05/14/22 09:17	05/23/22 13:33	1
1,2-Dichloropropane	<0.0018		0.0018	0.00048	mg/Kg	☼	05/14/22 09:17	05/23/22 13:33	1
1,3-Dichloropropane, Total	<0.0018		0.0018	0.00065	mg/Kg	☼	05/14/22 09:17	05/23/22 13:33	1
Ethylbenzene	<0.0018		0.0018	0.00089	mg/Kg	☼	05/14/22 09:17	05/23/22 13:33	1
2-Hexanone	<0.0046		0.0046	0.0014	mg/Kg	☼	05/14/22 09:17	05/23/22 13:33	1
Methylene Chloride	<0.0046		0.0046	0.0018	mg/Kg	☼	05/14/22 09:17	05/23/22 13:33	1
Methyl Ethyl Ketone	<0.0046	*+	0.0046	0.0021	mg/Kg	☼	05/14/22 09:17	05/23/22 13:33	1
methyl isobutyl ketone	<0.0046		0.0046	0.0014	mg/Kg	☼	05/14/22 09:17	05/23/22 13:33	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00054	mg/Kg	☼	05/14/22 09:17	05/23/22 13:33	1
Styrene	<0.0018		0.0018	0.00056	mg/Kg	☼	05/14/22 09:17	05/23/22 13:33	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00059	mg/Kg	☼	05/14/22 09:17	05/23/22 13:33	1
Tetrachloroethene	<0.0018		0.0018	0.00063	mg/Kg	☼	05/14/22 09:17	05/23/22 13:33	1
Toluene	<0.0018		0.0018	0.00047	mg/Kg	☼	05/14/22 09:17	05/23/22 13:33	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00082	mg/Kg	☼	05/14/22 09:17	05/23/22 13:33	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00065	mg/Kg	☼	05/14/22 09:17	05/23/22 13:33	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00062	mg/Kg	☼	05/14/22 09:17	05/23/22 13:33	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00079	mg/Kg	☼	05/14/22 09:17	05/23/22 13:33	1
Trichloroethene	<0.0018	*+	0.0018	0.00063	mg/Kg	☼	05/14/22 09:17	05/23/22 13:33	1
Vinyl chloride	<0.0018		0.0018	0.00082	mg/Kg	☼	05/14/22 09:17	05/23/22 13:33	1
Xylenes, Total	<0.0037		0.0037	0.00059	mg/Kg	☼	05/14/22 09:17	05/23/22 13:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		75 - 131	05/14/22 09:17	05/23/22 13:33	1
Dibromofluoromethane (Surr)	119		75 - 126	05/14/22 09:17	05/23/22 13:33	1
1,2-Dichloroethane-d4 (Surr)	113		70 - 134	05/14/22 09:17	05/23/22 13:33	1
Toluene-d8 (Surr)	113		75 - 124	05/14/22 09:17	05/23/22 13:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.039	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
1,2-Dichlorobenzene	<0.18		0.18	0.044	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
1,3-Dichlorobenzene	<0.18		0.18	0.041	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
1,4-Dichlorobenzene	<0.18		0.18	0.047	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.042	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1

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# Client Sample Results

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

Job ID: 500-216606-1

**Client Sample ID: ROW-115(0-4)-051322**

**Lab Sample ID: 500-216606-3**

**Date Collected: 05/13/22 09:50**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 86.9**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.36		0.36	0.083	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
2,4,6-Trichlorophenol	<0.36		0.36	0.12	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
2,4-Dichlorophenol	<0.36		0.36	0.087	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
2,4-Dimethylphenol	<0.36		0.36	0.14	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
2,4-Dinitrophenol	<0.73		0.73	0.64	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
2,4-Dinitrotoluene	<0.18		0.18	0.058	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
2,6-Dinitrotoluene	<0.18		0.18	0.072	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
2-Chloronaphthalene	<0.18		0.18	0.040	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
2-Chlorophenol	<0.18		0.18	0.062	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
2-Methylnaphthalene	<0.073		0.073	0.0067	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
2-Methylphenol	<0.18		0.18	0.058	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
2-Nitroaniline	<0.18		0.18	0.049	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
2-Nitrophenol	<0.36		0.36	0.086	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
3 & 4 Methylphenol	<0.18		0.18	0.061	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.051	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
3-Nitroaniline	<0.36		0.36	0.11	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
4,6-Dinitro-2-methylphenol	<0.73		0.73	0.29	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
4-Bromophenyl phenyl ether	<0.18	*+	0.18	0.048	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
4-Chloro-3-methylphenol	<0.36		0.36	0.12	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
4-Chloroaniline	<0.73		0.73	0.17	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.043	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
4-Nitroaniline	<0.36		0.36	0.15	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
4-Nitrophenol	<0.73		0.73	0.35	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
Acenaphthene	<0.036		0.036	0.0065	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
Acenaphthylene	<0.036		0.036	0.0048	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
Anthracene	<0.036		0.036	0.0061	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
Benzo[a]anthracene	<0.036		0.036	0.0049	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
Benzo[a]pyrene	<0.036		0.036	0.0070	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
<b>Benzo[b]fluoranthene</b>	<b>0.011</b>	<b>J</b>	0.036	0.0079	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
Benzo[g,h,i]perylene	<0.036		0.036	0.012	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
Benzo[k]fluoranthene	<0.036		0.036	0.011	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.037	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.055	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.067	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
Butyl benzyl phthalate	<0.18		0.18	0.069	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
Carbazole	<0.18		0.18	0.091	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
Chrysene	<0.036		0.036	0.0099	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
Dibenz(a,h)anthracene	<0.036		0.036	0.0070	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
Dibenzofuran	<0.18		0.18	0.043	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
Diethyl phthalate	<0.18		0.18	0.062	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
Dimethyl phthalate	<0.18		0.18	0.048	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
Di-n-butyl phthalate	<0.18		0.18	0.055	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
Di-n-octyl phthalate	<0.18		0.18	0.059	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
Fluoranthene	<0.036		0.036	0.0068	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
Fluorene	<0.036		0.036	0.0051	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
Hexachlorobenzene	<0.073	*+	0.073	0.0084	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
Hexachlorobutadiene	<0.18		0.18	0.057	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
Hexachlorocyclopentadiene	<0.73		0.73	0.21	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
Hexachloroethane	<0.18		0.18	0.055	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1

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# Client Sample Results

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

Job ID: 500-216606-1

**Client Sample ID: ROW-115(0-4)-051322**

**Lab Sample ID: 500-216606-3**

**Date Collected: 05/13/22 09:50**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 86.9**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.036		0.036	0.0094	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
Isophorone	<0.18		0.18	0.041	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
Naphthalene	<0.036		0.036	0.0056	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
Nitrobenzene	<0.036		0.036	0.0091	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
N-Nitrosodi-n-propylamine	<0.073		0.073	0.045	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
N-Nitrosodiphenylamine	<0.18		0.18	0.043	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
Pentachlorophenol	<0.73		0.73	0.58	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
Phenanthrene	<0.036		0.036	0.0051	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
Phenol	<0.18		0.18	0.081	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1
<b>Pyrene</b>	<b>0.011</b>	<b>J</b>	0.036	0.0072	mg/Kg	☼	05/26/22 06:07	05/26/22 18:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	70		31 - 143	05/26/22 06:07	05/26/22 18:32	1
2-Fluorobiphenyl (Surr)	78		43 - 145	05/26/22 06:07	05/26/22 18:32	1
2-Fluorophenol (Surr)	71		31 - 166	05/26/22 06:07	05/26/22 18:32	1
Nitrobenzene-d5 (Surr)	86		37 - 147	05/26/22 06:07	05/26/22 18:32	1
Phenol-d5 (Surr)	76		30 - 153	05/26/22 06:07	05/26/22 18:32	1
Terphenyl-d14 (Surr)	92		42 - 157	05/26/22 06:07	05/26/22 18:32	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		05/19/22 18:24	05/20/22 22:27	1
<b>Barium</b>	<b>0.67</b>		0.50	0.050	mg/L		05/19/22 18:24	05/20/22 22:27	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/19/22 18:24	05/20/22 22:27	1
<b>Cadmium</b>	<b>0.0024</b>	<b>J</b>	0.0050	0.0020	mg/L		05/19/22 18:24	05/20/22 22:27	1
Chromium	<0.025		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 22:27	1
<b>Cobalt</b>	<b>0.039</b>		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 22:27	1
Copper	<0.025		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 22:27	1
Iron	<0.40		0.40	0.20	mg/L		05/19/22 18:24	05/20/22 22:27	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/19/22 18:24	05/23/22 11:55	1
<b>Manganese</b>	<b>5.2</b>		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 22:27	1
<b>Nickel</b>	<b>0.044</b>		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 22:27	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 18:24	05/20/22 22:27	1
Silver	<0.025		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 22:27	1
<b>Zinc</b>	<b>0.077</b>	<b>J</b>	0.50	0.020	mg/L		05/19/22 18:24	05/20/22 22:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.091</b>		0.050	0.010	mg/L		05/19/22 18:27	05/23/22 15:13	1
<b>Barium</b>	<b>0.72</b>		0.50	0.050	mg/L		05/19/22 18:27	05/23/22 15:13	1
<b>Beryllium</b>	<b>0.0097</b>		0.0040	0.0040	mg/L		05/19/22 18:27	05/23/22 15:13	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/19/22 18:27	05/23/22 15:13	1
<b>Chromium</b>	<b>0.19</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:13	1
<b>Cobalt</b>	<b>0.050</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:13	1
<b>Copper</b>	<b>0.20</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:13	1
<b>Iron</b>	<b>210</b>		0.40	0.20	mg/L		05/19/22 18:27	05/23/22 15:13	1
<b>Lead</b>	<b>0.094</b>		0.0075	0.0075	mg/L		05/19/22 18:27	05/23/22 15:13	1
<b>Manganese</b>	<b>0.74</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:13	1
<b>Nickel</b>	<b>0.19</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:13	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 18:27	05/23/22 15:13	1

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# Client Sample Results

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

Job ID: 500-216606-1

**Client Sample ID: ROW-115(0-4)-051322**

**Lab Sample ID: 500-216606-3**

Date Collected: 05/13/22 09:50

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 86.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:13	1
<b>Zinc</b>	<b>0.54</b>		0.50	0.020	mg/L		05/19/22 18:27	05/23/22 15:13	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>10000</b>		11	4.4	mg/Kg	☆	05/19/22 16:29	05/20/22 20:17	1
<b>Antimony</b>	<b>0.73</b>	J	1.1	0.21	mg/Kg	☆	05/19/22 16:29	05/20/22 20:17	1
<b>Arsenic</b>	<b>6.3</b>		0.54	0.18	mg/Kg	☆	05/19/22 16:29	05/20/22 20:17	1
<b>Barium</b>	<b>45</b>		0.54	0.062	mg/Kg	☆	05/19/22 16:29	05/20/22 20:17	1
<b>Beryllium</b>	<b>0.71</b>		0.22	0.051	mg/Kg	☆	05/19/22 16:29	05/20/22 20:17	1
<b>Cadmium</b>	<b>0.037</b>	J B	0.11	0.019	mg/Kg	☆	05/19/22 16:29	05/20/22 20:17	1
<b>Calcium</b>	<b>43000</b>	B	54	9.2	mg/Kg	☆	05/19/22 16:29	05/23/22 12:45	5
<b>Chromium</b>	<b>15</b>	B	0.54	0.27	mg/Kg	☆	05/19/22 16:29	05/20/22 20:17	1
<b>Cobalt</b>	<b>11</b>		0.27	0.071	mg/Kg	☆	05/19/22 16:29	05/20/22 20:17	1
<b>Copper</b>	<b>18</b>	B	0.54	0.15	mg/Kg	☆	05/19/22 16:29	05/20/22 20:17	1
<b>Iron</b>	<b>16000</b>		11	5.6	mg/Kg	☆	05/19/22 16:29	05/20/22 20:17	1
<b>Lead</b>	<b>16</b>		0.27	0.12	mg/Kg	☆	05/19/22 16:29	05/20/22 20:17	1
<b>Magnesium</b>	<b>17000</b>		5.4	2.7	mg/Kg	☆	05/19/22 16:29	05/20/22 20:17	1
<b>Manganese</b>	<b>350</b>		0.54	0.078	mg/Kg	☆	05/19/22 16:29	05/20/22 20:17	1
<b>Nickel</b>	<b>25</b>		0.54	0.16	mg/Kg	☆	05/19/22 16:29	05/20/22 20:17	1
<b>Potassium</b>	<b>1700</b>		27	9.6	mg/Kg	☆	05/19/22 16:29	05/20/22 20:17	1
Selenium	<0.54		0.54	0.32	mg/Kg	☆	05/19/22 16:29	05/20/22 20:17	1
<b>Silver</b>	<b>0.25</b>	J	0.27	0.070	mg/Kg	☆	05/19/22 16:29	05/20/22 20:17	1
<b>Sodium</b>	<b>1200</b>		54	8.0	mg/Kg	☆	05/19/22 16:29	05/20/22 20:17	1
<b>Thallium</b>	<b>0.37</b>	J	0.54	0.27	mg/Kg	☆	05/19/22 16:29	05/20/22 20:17	1
<b>Vanadium</b>	<b>22</b>		0.27	0.064	mg/Kg	☆	05/19/22 16:29	05/20/22 20:17	1
<b>Zinc</b>	<b>52</b>		1.1	0.47	mg/Kg	☆	05/19/22 16:29	05/20/22 20:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/20/22 11:25	05/23/22 12:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/20/22 11:25	05/23/22 13:57	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.030</b>		0.019	0.0063	mg/Kg	☆	05/19/22 15:15	05/20/22 07:57	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>7.9</b>		0.2	0.2	SU			05/19/22 19:10	1

# Client Sample Results

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

Job ID: 500-216606-1

**Client Sample ID: ROW-115(0-4)-051322D**

**Lab Sample ID: 500-216606-4**

Date Collected: 05/13/22 09:50

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 86.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015	*+	0.015	0.0066	mg/Kg	☼	05/14/22 09:17	05/23/22 13:57	1
Benzene	<0.0015		0.0015	0.00039	mg/Kg	☼	05/14/22 09:17	05/23/22 13:57	1
Bromodichloromethane	<0.0015		0.0015	0.00031	mg/Kg	☼	05/14/22 09:17	05/23/22 13:57	1
Bromoform	<0.0015		0.0015	0.00045	mg/Kg	☼	05/14/22 09:17	05/23/22 13:57	1
Bromomethane	<0.0038		0.0038	0.0014	mg/Kg	☼	05/14/22 09:17	05/23/22 13:57	1
Carbon disulfide	<0.0038		0.0038	0.00079	mg/Kg	☼	05/14/22 09:17	05/23/22 13:57	1
Carbon tetrachloride	<0.0015	*+	0.0015	0.00044	mg/Kg	☼	05/14/22 09:17	05/23/22 13:57	1
Chlorobenzene	<0.0015		0.0015	0.00056	mg/Kg	☼	05/14/22 09:17	05/23/22 13:57	1
Chloroethane	<0.0038		0.0038	0.0011	mg/Kg	☼	05/14/22 09:17	05/23/22 13:57	1
Chloroform	<0.0015		0.0015	0.00053	mg/Kg	☼	05/14/22 09:17	05/23/22 13:57	1
Chloromethane	<0.0038		0.0038	0.0015	mg/Kg	☼	05/14/22 09:17	05/23/22 13:57	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00043	mg/Kg	☼	05/14/22 09:17	05/23/22 13:57	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00046	mg/Kg	☼	05/14/22 09:17	05/23/22 13:57	1
Dibromochloromethane	<0.0015		0.0015	0.00050	mg/Kg	☼	05/14/22 09:17	05/23/22 13:57	1
1,1-Dichloroethane	<0.0015		0.0015	0.00052	mg/Kg	☼	05/14/22 09:17	05/23/22 13:57	1
1,2-Dichloroethane	<0.0038		0.0038	0.0012	mg/Kg	☼	05/14/22 09:17	05/23/22 13:57	1
1,1-Dichloroethene	<0.0015		0.0015	0.00053	mg/Kg	☼	05/14/22 09:17	05/23/22 13:57	1
1,2-Dichloropropane	<0.0015		0.0015	0.00039	mg/Kg	☼	05/14/22 09:17	05/23/22 13:57	1
1,3-Dichloropropane, Total	<0.0015		0.0015	0.00054	mg/Kg	☼	05/14/22 09:17	05/23/22 13:57	1
Ethylbenzene	<0.0015		0.0015	0.00073	mg/Kg	☼	05/14/22 09:17	05/23/22 13:57	1
2-Hexanone	<0.0038		0.0038	0.0012	mg/Kg	☼	05/14/22 09:17	05/23/22 13:57	1
Methylene Chloride	<0.0038		0.0038	0.0015	mg/Kg	☼	05/14/22 09:17	05/23/22 13:57	1
Methyl Ethyl Ketone	<0.0038	*+	0.0038	0.0017	mg/Kg	☼	05/14/22 09:17	05/23/22 13:57	1
methyl isobutyl ketone	<0.0038		0.0038	0.0011	mg/Kg	☼	05/14/22 09:17	05/23/22 13:57	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00045	mg/Kg	☼	05/14/22 09:17	05/23/22 13:57	1
Styrene	<0.0015		0.0015	0.00046	mg/Kg	☼	05/14/22 09:17	05/23/22 13:57	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00049	mg/Kg	☼	05/14/22 09:17	05/23/22 13:57	1
Tetrachloroethene	<0.0015		0.0015	0.00052	mg/Kg	☼	05/14/22 09:17	05/23/22 13:57	1
Toluene	<0.0015		0.0015	0.00039	mg/Kg	☼	05/14/22 09:17	05/23/22 13:57	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00068	mg/Kg	☼	05/14/22 09:17	05/23/22 13:57	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00054	mg/Kg	☼	05/14/22 09:17	05/23/22 13:57	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00051	mg/Kg	☼	05/14/22 09:17	05/23/22 13:57	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00065	mg/Kg	☼	05/14/22 09:17	05/23/22 13:57	1
Trichloroethene	<0.0015	*+	0.0015	0.00052	mg/Kg	☼	05/14/22 09:17	05/23/22 13:57	1
Vinyl chloride	<0.0015		0.0015	0.00068	mg/Kg	☼	05/14/22 09:17	05/23/22 13:57	1
Xylenes, Total	<0.0031		0.0031	0.00049	mg/Kg	☼	05/14/22 09:17	05/23/22 13:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		75 - 131	05/14/22 09:17	05/23/22 13:57	1
Dibromofluoromethane (Surr)	120		75 - 126	05/14/22 09:17	05/23/22 13:57	1
1,2-Dichloroethane-d4 (Surr)	107		70 - 134	05/14/22 09:17	05/23/22 13:57	1
Toluene-d8 (Surr)	109		75 - 124	05/14/22 09:17	05/23/22 13:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	☼	05/26/22 06:07	05/26/22 18:53	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	☼	05/26/22 06:07	05/26/22 18:53	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	05/26/22 06:07	05/26/22 18:53	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	☼	05/26/22 06:07	05/26/22 18:53	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	☼	05/26/22 06:07	05/26/22 18:53	1

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# Client Sample Results

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

Job ID: 500-216606-1

**Client Sample ID: ROW-115(0-4)-051322D**

**Lab Sample ID: 500-216606-4**

**Date Collected: 05/13/22 09:50**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 86.3**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.085	mg/Kg	☆	05/26/22 06:07	05/26/22 18:53	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	☆	05/26/22 06:07	05/26/22 18:53	1
2,4-Dichlorophenol	<0.37		0.37	0.088	mg/Kg	☆	05/26/22 06:07	05/26/22 18:53	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	☆	05/26/22 06:07	05/26/22 18:53	1
2,4-Dinitrophenol	<0.75		0.75	0.66	mg/Kg	☆	05/26/22 06:07	05/26/22 18:53	1
2,4-Dinitrotoluene	<0.19		0.19	0.059	mg/Kg	☆	05/26/22 06:07	05/26/22 18:53	1
2,6-Dinitrotoluene	<0.19		0.19	0.073	mg/Kg	☆	05/26/22 06:07	05/26/22 18:53	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	☆	05/26/22 06:07	05/26/22 18:53	1
2-Chlorophenol	<0.19		0.19	0.064	mg/Kg	☆	05/26/22 06:07	05/26/22 18:53	1
2-Methylnaphthalene	<0.075		0.075	0.0068	mg/Kg	☆	05/26/22 06:07	05/26/22 18:53	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	☆	05/26/22 06:07	05/26/22 18:53	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	☆	05/26/22 06:07	05/26/22 18:53	1
2-Nitrophenol	<0.37		0.37	0.088	mg/Kg	☆	05/26/22 06:07	05/26/22 18:53	1
3 & 4 Methylphenol	<0.19		0.19	0.062	mg/Kg	☆	05/26/22 06:07	05/26/22 18:53	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.052	mg/Kg	☆	05/26/22 06:07	05/26/22 18:53	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	☆	05/26/22 06:07	05/26/22 18:53	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.30	mg/Kg	☆	05/26/22 06:07	05/26/22 18:53	1
4-Bromophenyl phenyl ether	<0.19	*+	0.19	0.049	mg/Kg	☆	05/26/22 06:07	05/26/22 18:53	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	☆	05/26/22 06:07	05/26/22 18:53	1
4-Chloroaniline	<0.75		0.75	0.17	mg/Kg	☆	05/26/22 06:07	05/26/22 18:53	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.043	mg/Kg	☆	05/26/22 06:07	05/26/22 18:53	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	☆	05/26/22 06:07	05/26/22 18:53	1
4-Nitrophenol	<0.75		0.75	0.35	mg/Kg	☆	05/26/22 06:07	05/26/22 18:53	1
Acenaphthene	<0.037		0.037	0.0067	mg/Kg	☆	05/26/22 06:07	05/26/22 18:53	1
Acenaphthylene	<0.037		0.037	0.0049	mg/Kg	☆	05/26/22 06:07	05/26/22 18:53	1
Anthracene	<0.037		0.037	0.0062	mg/Kg	☆	05/26/22 06:07	05/26/22 18:53	1
<b>Benzo[a]anthracene</b>	<b>0.0084</b>	<b>J</b>	0.037	0.0050	mg/Kg	☆	05/26/22 06:07	05/26/22 18:53	1
<b>Benzo[a]pyrene</b>	<b>0.018</b>	<b>J</b>	0.037	0.0072	mg/Kg	☆	05/26/22 06:07	05/26/22 18:53	1
<b>Benzo[b]fluoranthene</b>	<b>0.030</b>	<b>J</b>	0.037	0.0080	mg/Kg	☆	05/26/22 06:07	05/26/22 18:53	1
<b>Benzo[g,h,i]perylene</b>	<b>0.014</b>	<b>J</b>	0.037	0.012	mg/Kg	☆	05/26/22 06:07	05/26/22 18:53	1
Benzo[k]fluoranthene	<0.037		0.037	0.011	mg/Kg	☆	05/26/22 06:07	05/26/22 18:53	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	☆	05/26/22 06:07	05/26/22 18:53	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	☆	05/26/22 06:07	05/26/22 18:53	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.068	mg/Kg	☆	05/26/22 06:07	05/26/22 18:53	1
Butyl benzyl phthalate	<0.19		0.19	0.071	mg/Kg	☆	05/26/22 06:07	05/26/22 18:53	1
Carbazole	<0.19		0.19	0.093	mg/Kg	☆	05/26/22 06:07	05/26/22 18:53	1
<b>Chrysene</b>	<b>0.023</b>	<b>J</b>	0.037	0.010	mg/Kg	☆	05/26/22 06:07	05/26/22 18:53	1
Dibenz(a,h)anthracene	<0.037		0.037	0.0072	mg/Kg	☆	05/26/22 06:07	05/26/22 18:53	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	☆	05/26/22 06:07	05/26/22 18:53	1
Diethyl phthalate	<0.19		0.19	0.063	mg/Kg	☆	05/26/22 06:07	05/26/22 18:53	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	☆	05/26/22 06:07	05/26/22 18:53	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	☆	05/26/22 06:07	05/26/22 18:53	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	☆	05/26/22 06:07	05/26/22 18:53	1
<b>Fluoranthene</b>	<b>0.017</b>	<b>J</b>	0.037	0.0069	mg/Kg	☆	05/26/22 06:07	05/26/22 18:53	1
Fluorene	<0.037		0.037	0.0052	mg/Kg	☆	05/26/22 06:07	05/26/22 18:53	1
Hexachlorobenzene	<0.075	*+	0.075	0.0086	mg/Kg	☆	05/26/22 06:07	05/26/22 18:53	1
Hexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	☆	05/26/22 06:07	05/26/22 18:53	1
Hexachlorocyclopentadiene	<0.75		0.75	0.21	mg/Kg	☆	05/26/22 06:07	05/26/22 18:53	1
Hexachloroethane	<0.19		0.19	0.057	mg/Kg	☆	05/26/22 06:07	05/26/22 18:53	1

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# Client Sample Results

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

Job ID: 500-216606-1

**Client Sample ID: ROW-115(0-4)-051322D**

**Lab Sample ID: 500-216606-4**

**Date Collected: 05/13/22 09:50**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 86.3**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.037		0.037	0.0097	mg/Kg	☼	05/26/22 06:07	05/26/22 18:53	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	05/26/22 06:07	05/26/22 18:53	1
Naphthalene	<0.037		0.037	0.0057	mg/Kg	☼	05/26/22 06:07	05/26/22 18:53	1
Nitrobenzene	<0.037		0.037	0.0093	mg/Kg	☼	05/26/22 06:07	05/26/22 18:53	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.046	mg/Kg	☼	05/26/22 06:07	05/26/22 18:53	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☼	05/26/22 06:07	05/26/22 18:53	1
Pentachlorophenol	<0.75		0.75	0.60	mg/Kg	☼	05/26/22 06:07	05/26/22 18:53	1
<b>Phenanthrene</b>	<b>0.018</b>	<b>J</b>	0.037	0.0052	mg/Kg	☼	05/26/22 06:07	05/26/22 18:53	1
Phenol	<0.19		0.19	0.083	mg/Kg	☼	05/26/22 06:07	05/26/22 18:53	1
<b>Pyrene</b>	<b>0.029</b>	<b>J</b>	0.037	0.0074	mg/Kg	☼	05/26/22 06:07	05/26/22 18:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	67		31 - 143	05/26/22 06:07	05/26/22 18:53	1
2-Fluorobiphenyl (Surr)	76		43 - 145	05/26/22 06:07	05/26/22 18:53	1
2-Fluorophenol (Surr)	64		31 - 166	05/26/22 06:07	05/26/22 18:53	1
Nitrobenzene-d5 (Surr)	84		37 - 147	05/26/22 06:07	05/26/22 18:53	1
Phenol-d5 (Surr)	73		30 - 153	05/26/22 06:07	05/26/22 18:53	1
Terphenyl-d14 (Surr)	88		42 - 157	05/26/22 06:07	05/26/22 18:53	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		05/19/22 18:24	05/20/22 22:30	1
<b>Barium</b>	<b>0.69</b>		0.50	0.050	mg/L		05/19/22 18:24	05/20/22 22:30	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/19/22 18:24	05/20/22 22:30	1
<b>Cadmium</b>	<b>0.0027</b>	<b>J</b>	0.0050	0.0020	mg/L		05/19/22 18:24	05/20/22 22:30	1
Chromium	<0.025		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 22:30	1
<b>Cobalt</b>	<b>0.058</b>		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 22:30	1
Copper	<0.025		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 22:30	1
<b>Iron</b>	<b>0.20</b>	<b>J</b>	0.40	0.20	mg/L		05/19/22 18:24	05/20/22 22:30	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/19/22 18:24	05/23/22 12:05	1
<b>Manganese</b>	<b>4.8</b>		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 22:30	1
<b>Nickel</b>	<b>0.042</b>		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 22:30	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 18:24	05/20/22 22:30	1
Silver	<0.025		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 22:30	1
<b>Zinc</b>	<b>0.060</b>	<b>J</b>	0.50	0.020	mg/L		05/19/22 18:24	05/20/22 22:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.072</b>		0.050	0.010	mg/L		05/19/22 18:27	05/23/22 15:16	1
<b>Barium</b>	<b>0.69</b>		0.50	0.050	mg/L		05/19/22 18:27	05/23/22 15:16	1
<b>Beryllium</b>	<b>0.0082</b>		0.0040	0.0040	mg/L		05/19/22 18:27	05/23/22 15:16	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/19/22 18:27	05/23/22 15:16	1
<b>Chromium</b>	<b>0.17</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:16	1
<b>Cobalt</b>	<b>0.043</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:16	1
<b>Copper</b>	<b>0.17</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:16	1
<b>Iron</b>	<b>180</b>		0.40	0.20	mg/L		05/19/22 18:27	05/23/22 15:16	1
<b>Lead</b>	<b>0.13</b>		0.0075	0.0075	mg/L		05/19/22 18:27	05/23/22 15:16	1
<b>Manganese</b>	<b>0.68</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:16	1
<b>Nickel</b>	<b>0.16</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:16	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 18:27	05/23/22 15:16	1

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# Client Sample Results

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

Job ID: 500-216606-1

**Client Sample ID: ROW-115(0-4)-051322D**

**Lab Sample ID: 500-216606-4**

Date Collected: 05/13/22 09:50

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 86.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:16	1
Zinc	0.54		0.50	0.020	mg/L		05/19/22 18:27	05/23/22 15:16	1

## Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9100		11	4.6	mg/Kg	☆	05/19/22 16:29	05/20/22 20:21	1
Antimony	0.65	J	1.1	0.22	mg/Kg	☆	05/19/22 16:29	05/20/22 20:21	1
Arsenic	10		0.57	0.19	mg/Kg	☆	05/19/22 16:29	05/20/22 20:21	1
Barium	67		0.57	0.064	mg/Kg	☆	05/19/22 16:29	05/20/22 20:21	1
Beryllium	0.75		0.23	0.053	mg/Kg	☆	05/19/22 16:29	05/20/22 20:21	1
Cadmium	0.050	J B	0.11	0.020	mg/Kg	☆	05/19/22 16:29	05/20/22 20:21	1
Calcium	66000	B	57	9.6	mg/Kg	☆	05/19/22 16:29	05/23/22 12:48	5
Chromium	15	B	0.57	0.28	mg/Kg	☆	05/19/22 16:29	05/20/22 20:21	1
Cobalt	13		0.28	0.074	mg/Kg	☆	05/19/22 16:29	05/20/22 20:21	1
Copper	20	B	0.57	0.16	mg/Kg	☆	05/19/22 16:29	05/20/22 20:21	1
Iron	19000		11	5.9	mg/Kg	☆	05/19/22 16:29	05/20/22 20:21	1
Lead	26		0.28	0.13	mg/Kg	☆	05/19/22 16:29	05/20/22 20:21	1
Magnesium	25000		5.7	2.8	mg/Kg	☆	05/19/22 16:29	05/20/22 20:21	1
Manganese	470		0.57	0.082	mg/Kg	☆	05/19/22 16:29	05/20/22 20:21	1
Nickel	26		0.57	0.16	mg/Kg	☆	05/19/22 16:29	05/20/22 20:21	1
Potassium	1800		28	10	mg/Kg	☆	05/19/22 16:29	05/20/22 20:21	1
Selenium	<0.57		0.57	0.33	mg/Kg	☆	05/19/22 16:29	05/20/22 20:21	1
Silver	0.21	J	0.28	0.073	mg/Kg	☆	05/19/22 16:29	05/20/22 20:21	1
Sodium	1100		57	8.4	mg/Kg	☆	05/19/22 16:29	05/20/22 20:21	1
Thallium	0.57		0.57	0.28	mg/Kg	☆	05/19/22 16:29	05/20/22 20:21	1
Vanadium	20		0.28	0.067	mg/Kg	☆	05/19/22 16:29	05/20/22 20:21	1
Zinc	58		1.1	0.50	mg/Kg	☆	05/19/22 16:29	05/20/22 20:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/20/22 11:25	05/23/22 12:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/20/22 11:25	05/23/22 13:59	1

## Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.041		0.019	0.0062	mg/Kg	☆	05/19/22 15:15	05/20/22 07:59	1

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.2		0.2	0.2	SU			05/19/22 19:13	1

# Client Sample Results

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

Job ID: 500-216606-1

**Client Sample ID: ROW-115(4-9)-051322**

**Lab Sample ID: 500-216606-5**

**Date Collected: 05/13/22 09:55**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 84.7**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015	*+	0.015	0.0066	mg/Kg	☼	05/14/22 09:17	05/23/22 14:22	1
Benzene	<0.0015		0.0015	0.00039	mg/Kg	☼	05/14/22 09:17	05/23/22 14:22	1
Bromodichloromethane	<0.0015		0.0015	0.00031	mg/Kg	☼	05/14/22 09:17	05/23/22 14:22	1
Bromoform	<0.0015		0.0015	0.00044	mg/Kg	☼	05/14/22 09:17	05/23/22 14:22	1
Bromomethane	<0.0038		0.0038	0.0014	mg/Kg	☼	05/14/22 09:17	05/23/22 14:22	1
Carbon disulfide	<0.0038		0.0038	0.00079	mg/Kg	☼	05/14/22 09:17	05/23/22 14:22	1
Carbon tetrachloride	<0.0015	*+	0.0015	0.00044	mg/Kg	☼	05/14/22 09:17	05/23/22 14:22	1
Chlorobenzene	<0.0015		0.0015	0.00056	mg/Kg	☼	05/14/22 09:17	05/23/22 14:22	1
Chloroethane	<0.0038		0.0038	0.0011	mg/Kg	☼	05/14/22 09:17	05/23/22 14:22	1
Chloroform	<0.0015		0.0015	0.00053	mg/Kg	☼	05/14/22 09:17	05/23/22 14:22	1
Chloromethane	<0.0038		0.0038	0.0015	mg/Kg	☼	05/14/22 09:17	05/23/22 14:22	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00042	mg/Kg	☼	05/14/22 09:17	05/23/22 14:22	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00046	mg/Kg	☼	05/14/22 09:17	05/23/22 14:22	1
Dibromochloromethane	<0.0015		0.0015	0.00050	mg/Kg	☼	05/14/22 09:17	05/23/22 14:22	1
1,1-Dichloroethane	<0.0015		0.0015	0.00052	mg/Kg	☼	05/14/22 09:17	05/23/22 14:22	1
1,2-Dichloroethane	<0.0038		0.0038	0.0012	mg/Kg	☼	05/14/22 09:17	05/23/22 14:22	1
1,1-Dichloroethene	<0.0015		0.0015	0.00052	mg/Kg	☼	05/14/22 09:17	05/23/22 14:22	1
1,2-Dichloropropane	<0.0015		0.0015	0.00039	mg/Kg	☼	05/14/22 09:17	05/23/22 14:22	1
1,3-Dichloropropane, Total	<0.0015		0.0015	0.00053	mg/Kg	☼	05/14/22 09:17	05/23/22 14:22	1
Ethylbenzene	<0.0015		0.0015	0.00072	mg/Kg	☼	05/14/22 09:17	05/23/22 14:22	1
2-Hexanone	<0.0038		0.0038	0.0012	mg/Kg	☼	05/14/22 09:17	05/23/22 14:22	1
Methylene Chloride	<0.0038		0.0038	0.0015	mg/Kg	☼	05/14/22 09:17	05/23/22 14:22	1
Methyl Ethyl Ketone	<0.0038	*+	0.0038	0.0017	mg/Kg	☼	05/14/22 09:17	05/23/22 14:22	1
methyl isobutyl ketone	<0.0038		0.0038	0.0011	mg/Kg	☼	05/14/22 09:17	05/23/22 14:22	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00044	mg/Kg	☼	05/14/22 09:17	05/23/22 14:22	1
Styrene	<0.0015		0.0015	0.00046	mg/Kg	☼	05/14/22 09:17	05/23/22 14:22	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00048	mg/Kg	☼	05/14/22 09:17	05/23/22 14:22	1
Tetrachloroethene	<0.0015		0.0015	0.00052	mg/Kg	☼	05/14/22 09:17	05/23/22 14:22	1
Toluene	<0.0015		0.0015	0.00038	mg/Kg	☼	05/14/22 09:17	05/23/22 14:22	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00067	mg/Kg	☼	05/14/22 09:17	05/23/22 14:22	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00053	mg/Kg	☼	05/14/22 09:17	05/23/22 14:22	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00051	mg/Kg	☼	05/14/22 09:17	05/23/22 14:22	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00065	mg/Kg	☼	05/14/22 09:17	05/23/22 14:22	1
Trichloroethene	<0.0015	*+	0.0015	0.00051	mg/Kg	☼	05/14/22 09:17	05/23/22 14:22	1
Vinyl chloride	<0.0015		0.0015	0.00067	mg/Kg	☼	05/14/22 09:17	05/23/22 14:22	1
Xylenes, Total	<0.0030		0.0030	0.00048	mg/Kg	☼	05/14/22 09:17	05/23/22 14:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		75 - 131	05/14/22 09:17	05/23/22 14:22	1
Dibromofluoromethane (Surr)	117		75 - 126	05/14/22 09:17	05/23/22 14:22	1
1,2-Dichloroethane-d4 (Surr)	108		70 - 134	05/14/22 09:17	05/23/22 14:22	1
Toluene-d8 (Surr)	110		75 - 124	05/14/22 09:17	05/23/22 14:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	☼	05/26/22 06:07	05/26/22 19:13	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	☼	05/26/22 06:07	05/26/22 19:13	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	☼	05/26/22 06:07	05/26/22 19:13	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	☼	05/26/22 06:07	05/26/22 19:13	1
2,2'-oxybis[1-chloropropane]	<0.19	F1	0.19	0.045	mg/Kg	☼	05/26/22 06:07	05/26/22 19:13	1

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# Client Sample Results

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

Job ID: 500-216606-1

**Client Sample ID: ROW-115(4-9)-051322**

**Lab Sample ID: 500-216606-5**

**Date Collected: 05/13/22 09:55**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 84.7**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38	F1	0.38	0.088	mg/Kg	✳	05/26/22 06:07	05/26/22 19:13	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	✳	05/26/22 06:07	05/26/22 19:13	1
2,4-Dichlorophenol	<0.38		0.38	0.091	mg/Kg	✳	05/26/22 06:07	05/26/22 19:13	1
2,4-Dimethylphenol	<0.38		0.38	0.15	mg/Kg	✳	05/26/22 06:07	05/26/22 19:13	1
2,4-Dinitrophenol	<0.78		0.78	0.68	mg/Kg	✳	05/26/22 06:07	05/26/22 19:13	1
2,4-Dinitrotoluene	<0.19		0.19	0.061	mg/Kg	✳	05/26/22 06:07	05/26/22 19:13	1
2,6-Dinitrotoluene	<0.19		0.19	0.076	mg/Kg	✳	05/26/22 06:07	05/26/22 19:13	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	✳	05/26/22 06:07	05/26/22 19:13	1
2-Chlorophenol	<0.19		0.19	0.066	mg/Kg	✳	05/26/22 06:07	05/26/22 19:13	1
2-Methylnaphthalene	<0.078		0.078	0.0071	mg/Kg	✳	05/26/22 06:07	05/26/22 19:13	1
2-Methylphenol	<0.19		0.19	0.062	mg/Kg	✳	05/26/22 06:07	05/26/22 19:13	1
2-Nitroaniline	<0.19		0.19	0.052	mg/Kg	✳	05/26/22 06:07	05/26/22 19:13	1
2-Nitrophenol	<0.38		0.38	0.091	mg/Kg	✳	05/26/22 06:07	05/26/22 19:13	1
3 & 4 Methylphenol	<0.19		0.19	0.064	mg/Kg	✳	05/26/22 06:07	05/26/22 19:13	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.054	mg/Kg	✳	05/26/22 06:07	05/26/22 19:13	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	✳	05/26/22 06:07	05/26/22 19:13	1
4,6-Dinitro-2-methylphenol	<0.78		0.78	0.31	mg/Kg	✳	05/26/22 06:07	05/26/22 19:13	1
4-Bromophenyl phenyl ether	<0.19	*+	0.19	0.051	mg/Kg	✳	05/26/22 06:07	05/26/22 19:13	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	✳	05/26/22 06:07	05/26/22 19:13	1
4-Chloroaniline	<0.78		0.78	0.18	mg/Kg	✳	05/26/22 06:07	05/26/22 19:13	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	✳	05/26/22 06:07	05/26/22 19:13	1
4-Nitroaniline	<0.38	F1	0.38	0.16	mg/Kg	✳	05/26/22 06:07	05/26/22 19:13	1
4-Nitrophenol	<0.78	F1	0.78	0.37	mg/Kg	✳	05/26/22 06:07	05/26/22 19:13	1
Acenaphthene	<0.038		0.038	0.0069	mg/Kg	✳	05/26/22 06:07	05/26/22 19:13	1
Acenaphthylene	<0.038		0.038	0.0051	mg/Kg	✳	05/26/22 06:07	05/26/22 19:13	1
Anthracene	<0.038		0.038	0.0064	mg/Kg	✳	05/26/22 06:07	05/26/22 19:13	1
Benzo[a]anthracene	<0.038		0.038	0.0052	mg/Kg	✳	05/26/22 06:07	05/26/22 19:13	1
Benzo[a]pyrene	<0.038		0.038	0.0074	mg/Kg	✳	05/26/22 06:07	05/26/22 19:13	1
<b>Benzo[b]fluoranthene</b>	<b>0.0091</b>	<b>J</b>	0.038	0.0083	mg/Kg	✳	05/26/22 06:07	05/26/22 19:13	1
Benzo[g,h,i]perylene	<0.038	F1	0.038	0.012	mg/Kg	✳	05/26/22 06:07	05/26/22 19:13	1
Benzo[k]fluoranthene	<0.038		0.038	0.011	mg/Kg	✳	05/26/22 06:07	05/26/22 19:13	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	✳	05/26/22 06:07	05/26/22 19:13	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.058	mg/Kg	✳	05/26/22 06:07	05/26/22 19:13	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.070	mg/Kg	✳	05/26/22 06:07	05/26/22 19:13	1
Butyl benzyl phthalate	<0.19		0.19	0.073	mg/Kg	✳	05/26/22 06:07	05/26/22 19:13	1
Carbazole	<0.19		0.19	0.096	mg/Kg	✳	05/26/22 06:07	05/26/22 19:13	1
Chrysene	<0.038		0.038	0.010	mg/Kg	✳	05/26/22 06:07	05/26/22 19:13	1
Dibenz(a,h)anthracene	<0.038	F1	0.038	0.0074	mg/Kg	✳	05/26/22 06:07	05/26/22 19:13	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	✳	05/26/22 06:07	05/26/22 19:13	1
Diethyl phthalate	<0.19		0.19	0.065	mg/Kg	✳	05/26/22 06:07	05/26/22 19:13	1
Dimethyl phthalate	<0.19	F1	0.19	0.050	mg/Kg	✳	05/26/22 06:07	05/26/22 19:13	1
Di-n-butyl phthalate	<0.19		0.19	0.059	mg/Kg	✳	05/26/22 06:07	05/26/22 19:13	1
Di-n-octyl phthalate	<0.19		0.19	0.063	mg/Kg	✳	05/26/22 06:07	05/26/22 19:13	1
Fluoranthene	<0.038		0.038	0.0071	mg/Kg	✳	05/26/22 06:07	05/26/22 19:13	1
Fluorene	<0.038		0.038	0.0054	mg/Kg	✳	05/26/22 06:07	05/26/22 19:13	1
Hexachlorobenzene	<0.078	*+	0.078	0.0089	mg/Kg	✳	05/26/22 06:07	05/26/22 19:13	1
Hexachlorobutadiene	<0.19	F1	0.19	0.060	mg/Kg	✳	05/26/22 06:07	05/26/22 19:13	1
Hexachlorocyclopentadiene	<0.78	F1	0.78	0.22	mg/Kg	✳	05/26/22 06:07	05/26/22 19:13	1
Hexachloroethane	<0.19		0.19	0.058	mg/Kg	✳	05/26/22 06:07	05/26/22 19:13	1

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# Client Sample Results

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

Job ID: 500-216606-1

**Client Sample ID: ROW-115(4-9)-051322**

**Lab Sample ID: 500-216606-5**

**Date Collected: 05/13/22 09:55**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 84.7**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.038	F1	0.038	0.010	mg/Kg	*	05/26/22 06:07	05/26/22 19:13	1
Isophorone	<0.19	F1	0.19	0.043	mg/Kg	*	05/26/22 06:07	05/26/22 19:13	1
Naphthalene	<0.038		0.038	0.0059	mg/Kg	*	05/26/22 06:07	05/26/22 19:13	1
Nitrobenzene	<0.038		0.038	0.0096	mg/Kg	*	05/26/22 06:07	05/26/22 19:13	1
N-Nitrosodi-n-propylamine	<0.078		0.078	0.047	mg/Kg	*	05/26/22 06:07	05/26/22 19:13	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	*	05/26/22 06:07	05/26/22 19:13	1
Pentachlorophenol	<0.78		0.78	0.62	mg/Kg	*	05/26/22 06:07	05/26/22 19:13	1
Phenanthrene	<0.038		0.038	0.0054	mg/Kg	*	05/26/22 06:07	05/26/22 19:13	1
Phenol	<0.19		0.19	0.085	mg/Kg	*	05/26/22 06:07	05/26/22 19:13	1
Pyrene	<0.038		0.038	0.0076	mg/Kg	*	05/26/22 06:07	05/26/22 19:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	65		31 - 143	05/26/22 06:07	05/26/22 19:13	1
2-Fluorobiphenyl (Surr)	80		43 - 145	05/26/22 06:07	05/26/22 19:13	1
2-Fluorophenol (Surr)	74		31 - 166	05/26/22 06:07	05/26/22 19:13	1
Nitrobenzene-d5 (Surr)	80		37 - 147	05/26/22 06:07	05/26/22 19:13	1
Phenol-d5 (Surr)	78		30 - 153	05/26/22 06:07	05/26/22 19:13	1
Terphenyl-d14 (Surr)	95		42 - 157	05/26/22 06:07	05/26/22 19:13	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		05/19/22 18:24	05/20/22 22:33	1
<b>Barium</b>	<b>0.44</b>	<b>J</b>	0.50	0.050	mg/L		05/19/22 18:24	05/20/22 22:33	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/19/22 18:24	05/20/22 22:33	1
<b>Cadmium</b>	<b>0.0031</b>	<b>J</b>	0.0050	0.0020	mg/L		05/19/22 18:24	05/20/22 22:33	1
Chromium	<0.025		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 22:33	1
<b>Cobalt</b>	<b>0.046</b>		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 22:33	1
Copper	<0.025		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 22:33	1
<b>Iron</b>	<b>0.21</b>	<b>J</b>	0.40	0.20	mg/L		05/19/22 18:24	05/20/22 22:33	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/19/22 18:24	05/23/22 12:09	1
<b>Manganese</b>	<b>4.2</b>		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 22:33	1
<b>Nickel</b>	<b>0.031</b>		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 22:33	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 18:24	05/20/22 22:33	1
Silver	<0.025		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 22:33	1
Zinc	<0.50		0.50	0.020	mg/L		05/19/22 18:24	05/20/22 22:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.090</b>		0.050	0.010	mg/L		05/19/22 18:27	05/23/22 15:20	1
<b>Barium</b>	<b>0.48</b>	<b>J</b>	0.50	0.050	mg/L		05/19/22 18:27	05/23/22 15:20	1
<b>Beryllium</b>	<b>0.0092</b>		0.0040	0.0040	mg/L		05/19/22 18:27	05/23/22 15:20	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/19/22 18:27	05/23/22 15:20	1
<b>Chromium</b>	<b>0.16</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:20	1
<b>Cobalt</b>	<b>0.071</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:20	1
<b>Copper</b>	<b>0.21</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:20	1
<b>Iron</b>	<b>200</b>		0.40	0.20	mg/L		05/19/22 18:27	05/23/22 15:20	1
<b>Lead</b>	<b>0.11</b>		0.0075	0.0075	mg/L		05/19/22 18:27	05/23/22 15:20	1
<b>Manganese</b>	<b>0.86</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:20	1
<b>Nickel</b>	<b>0.22</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:20	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 18:27	05/23/22 15:20	1

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# Client Sample Results

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

Job ID: 500-216606-1

**Client Sample ID: ROW-115(4-9)-051322**

**Lab Sample ID: 500-216606-5**

Date Collected: 05/13/22 09:55

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 84.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:20	1
<b>Zinc</b>	<b>0.47</b>	<b>J</b>	0.50	0.020	mg/L		05/19/22 18:27	05/23/22 15:20	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>9500</b>		11	4.6	mg/Kg	☆	05/19/22 16:29	05/20/22 20:24	1
<b>Antimony</b>	<b>0.67</b>	<b>J</b>	1.1	0.22	mg/Kg	☆	05/19/22 16:29	05/20/22 20:24	1
<b>Arsenic</b>	<b>7.8</b>		0.56	0.19	mg/Kg	☆	05/19/22 16:29	05/20/22 20:24	1
<b>Barium</b>	<b>41</b>		0.56	0.064	mg/Kg	☆	05/19/22 16:29	05/20/22 20:24	1
<b>Beryllium</b>	<b>0.77</b>		0.22	0.052	mg/Kg	☆	05/19/22 16:29	05/20/22 20:24	1
<b>Cadmium</b>	<b>0.022</b>	<b>J B</b>	0.11	0.020	mg/Kg	☆	05/19/22 16:29	05/20/22 20:24	1
<b>Calcium</b>	<b>81000</b>	<b>B</b>	56	9.5	mg/Kg	☆	05/19/22 16:29	05/23/22 12:55	5
<b>Chromium</b>	<b>15</b>	<b>B</b>	0.56	0.28	mg/Kg	☆	05/19/22 16:29	05/20/22 20:24	1
<b>Cobalt</b>	<b>13</b>		0.28	0.073	mg/Kg	☆	05/19/22 16:29	05/20/22 20:24	1
<b>Copper</b>	<b>23</b>	<b>B</b>	0.56	0.16	mg/Kg	☆	05/19/22 16:29	05/20/22 20:24	1
<b>Iron</b>	<b>19000</b>		11	5.8	mg/Kg	☆	05/19/22 16:29	05/20/22 20:24	1
<b>Lead</b>	<b>14</b>		0.28	0.13	mg/Kg	☆	05/19/22 16:29	05/20/22 20:24	1
<b>Magnesium</b>	<b>29000</b>		5.6	2.8	mg/Kg	☆	05/19/22 16:29	05/20/22 20:24	1
<b>Manganese</b>	<b>350</b>		0.56	0.081	mg/Kg	☆	05/19/22 16:29	05/20/22 20:24	1
<b>Nickel</b>	<b>29</b>		0.56	0.16	mg/Kg	☆	05/19/22 16:29	05/20/22 20:24	1
<b>Potassium</b>	<b>2200</b>		28	9.9	mg/Kg	☆	05/19/22 16:29	05/20/22 20:24	1
Selenium	<0.56		0.56	0.33	mg/Kg	☆	05/19/22 16:29	05/20/22 20:24	1
<b>Silver</b>	<b>0.20</b>	<b>J</b>	0.28	0.072	mg/Kg	☆	05/19/22 16:29	05/20/22 20:24	1
<b>Sodium</b>	<b>450</b>		56	8.3	mg/Kg	☆	05/19/22 16:29	05/20/22 20:24	1
<b>Thallium</b>	<b>0.54</b>	<b>J</b>	0.56	0.28	mg/Kg	☆	05/19/22 16:29	05/20/22 20:24	1
<b>Vanadium</b>	<b>19</b>		0.28	0.066	mg/Kg	☆	05/19/22 16:29	05/20/22 20:24	1
<b>Zinc</b>	<b>51</b>		1.1	0.49	mg/Kg	☆	05/19/22 16:29	05/20/22 20:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/20/22 11:25	05/23/22 12:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/20/22 11:25	05/23/22 14:01	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.026</b>		0.018	0.0059	mg/Kg	☆	05/19/22 15:15	05/20/22 08:00	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.4</b>		0.2	0.2	SU			05/19/22 19:15	1

# Client Sample Results

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

Job ID: 500-216606-1

**Client Sample ID: ROW-110(0-4)-051322**

**Lab Sample ID: 500-216606-8**

**Date Collected: 05/13/22 10:15**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 86.7**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018	*+	0.018	0.0077	mg/Kg	☼	05/14/22 09:17	05/23/22 15:35	1
Benzene	<0.0018		0.0018	0.00045	mg/Kg	☼	05/14/22 09:17	05/23/22 15:35	1
Bromodichloromethane	<0.0018		0.0018	0.00036	mg/Kg	☼	05/14/22 09:17	05/23/22 15:35	1
Bromoform	<0.0018		0.0018	0.00051	mg/Kg	☼	05/14/22 09:17	05/23/22 15:35	1
Bromomethane	<0.0044		0.0044	0.0017	mg/Kg	☼	05/14/22 09:17	05/23/22 15:35	1
Carbon disulfide	<0.0044		0.0044	0.00092	mg/Kg	☼	05/14/22 09:17	05/23/22 15:35	1
Carbon tetrachloride	<0.0018	*+	0.0018	0.00051	mg/Kg	☼	05/14/22 09:17	05/23/22 15:35	1
Chlorobenzene	<0.0018		0.0018	0.00065	mg/Kg	☼	05/14/22 09:17	05/23/22 15:35	1
Chloroethane	<0.0044		0.0044	0.0013	mg/Kg	☼	05/14/22 09:17	05/23/22 15:35	1
Chloroform	<0.0018		0.0018	0.00061	mg/Kg	☼	05/14/22 09:17	05/23/22 15:35	1
Chloromethane	<0.0044		0.0044	0.0018	mg/Kg	☼	05/14/22 09:17	05/23/22 15:35	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00049	mg/Kg	☼	05/14/22 09:17	05/23/22 15:35	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00053	mg/Kg	☼	05/14/22 09:17	05/23/22 15:35	1
Dibromochloromethane	<0.0018		0.0018	0.00058	mg/Kg	☼	05/14/22 09:17	05/23/22 15:35	1
1,1-Dichloroethane	<0.0018		0.0018	0.00060	mg/Kg	☼	05/14/22 09:17	05/23/22 15:35	1
1,2-Dichloroethane	<0.0044		0.0044	0.0014	mg/Kg	☼	05/14/22 09:17	05/23/22 15:35	1
1,1-Dichloroethene	<0.0018		0.0018	0.00061	mg/Kg	☼	05/14/22 09:17	05/23/22 15:35	1
1,2-Dichloropropane	<0.0018		0.0018	0.00045	mg/Kg	☼	05/14/22 09:17	05/23/22 15:35	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00062	mg/Kg	☼	05/14/22 09:17	05/23/22 15:35	1
Ethylbenzene	<0.0018		0.0018	0.00084	mg/Kg	☼	05/14/22 09:17	05/23/22 15:35	1
2-Hexanone	<0.0044		0.0044	0.0014	mg/Kg	☼	05/14/22 09:17	05/23/22 15:35	1
Methylene Chloride	<0.0044		0.0044	0.0017	mg/Kg	☼	05/14/22 09:17	05/23/22 15:35	1
Methyl Ethyl Ketone	<0.0044	*+	0.0044	0.0020	mg/Kg	☼	05/14/22 09:17	05/23/22 15:35	1
methyl isobutyl ketone	<0.0044		0.0044	0.0013	mg/Kg	☼	05/14/22 09:17	05/23/22 15:35	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00052	mg/Kg	☼	05/14/22 09:17	05/23/22 15:35	1
Styrene	<0.0018		0.0018	0.00053	mg/Kg	☼	05/14/22 09:17	05/23/22 15:35	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00056	mg/Kg	☼	05/14/22 09:17	05/23/22 15:35	1
Tetrachloroethene	<0.0018		0.0018	0.00060	mg/Kg	☼	05/14/22 09:17	05/23/22 15:35	1
Toluene	<0.0018		0.0018	0.00044	mg/Kg	☼	05/14/22 09:17	05/23/22 15:35	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00078	mg/Kg	☼	05/14/22 09:17	05/23/22 15:35	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00062	mg/Kg	☼	05/14/22 09:17	05/23/22 15:35	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00059	mg/Kg	☼	05/14/22 09:17	05/23/22 15:35	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00075	mg/Kg	☼	05/14/22 09:17	05/23/22 15:35	1
Trichloroethene	<0.0018	*+	0.0018	0.00059	mg/Kg	☼	05/14/22 09:17	05/23/22 15:35	1
Vinyl chloride	<0.0018		0.0018	0.00078	mg/Kg	☼	05/14/22 09:17	05/23/22 15:35	1
Xylenes, Total	<0.0035		0.0035	0.00056	mg/Kg	☼	05/14/22 09:17	05/23/22 15:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		75 - 131	05/14/22 09:17	05/23/22 15:35	1
Dibromofluoromethane (Surr)	123		75 - 126	05/14/22 09:17	05/23/22 15:35	1
1,2-Dichloroethane-d4 (Surr)	105		70 - 134	05/14/22 09:17	05/23/22 15:35	1
Toluene-d8 (Surr)	113		75 - 124	05/14/22 09:17	05/23/22 15:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1

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# Client Sample Results

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

Job ID: 500-216606-1

**Client Sample ID: ROW-110(0-4)-051322**

**Lab Sample ID: 500-216606-8**

**Date Collected: 05/13/22 10:15**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 86.7**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.087	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
2,4-Dichlorophenol	<0.38		0.38	0.091	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
2,4-Dimethylphenol	<0.38		0.38	0.15	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
2,4-Dinitrophenol	<0.77		0.77	0.67	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
2,4-Dinitrotoluene	<0.19		0.19	0.061	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
2,6-Dinitrotoluene	<0.19		0.19	0.075	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
2-Chlorophenol	<0.19		0.19	0.065	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
2-Methylnaphthalene	<0.077		0.077	0.0070	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
2-Methylphenol	<0.19		0.19	0.061	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
2-Nitroaniline	<0.19		0.19	0.052	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
2-Nitrophenol	<0.38		0.38	0.091	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
3 & 4 Methylphenol	<0.19		0.19	0.064	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.054	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
4,6-Dinitro-2-methylphenol	<0.77		0.77	0.31	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
4-Bromophenyl phenyl ether	<0.19	+	0.19	0.051	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
4-Chloroaniline	<0.77		0.77	0.18	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
4-Nitrophenol	<0.77		0.77	0.36	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
Acenaphthene	<0.038		0.038	0.0069	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
Acenaphthylene	<0.038		0.038	0.0051	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
Anthracene	<0.038		0.038	0.0064	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
<b>Benzo[a]anthracene</b>	<b>0.016</b>	<b>J</b>	0.038	0.0052	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
<b>Benzo[a]pyrene</b>	<b>0.031</b>	<b>J</b>	0.038	0.0074	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
<b>Benzo[b]fluoranthene</b>	<b>0.047</b>		0.038	0.0083	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
<b>Benzo[g,h,i]perylene</b>	<b>0.013</b>	<b>J</b>	0.038	0.012	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
<b>Benzo[k]fluoranthene</b>	<b>0.011</b>	<b>J</b>	0.038	0.011	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.057	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.070	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
Butyl benzyl phthalate	<0.19		0.19	0.073	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
Carbazole	<0.19		0.19	0.096	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
<b>Chrysene</b>	<b>0.024</b>	<b>J</b>	0.038	0.010	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
Dibenz(a,h)anthracene	<0.038		0.038	0.0074	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
Diethyl phthalate	<0.19		0.19	0.065	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
Di-n-butyl phthalate	<0.19		0.19	0.058	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
Di-n-octyl phthalate	<0.19		0.19	0.063	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
<b>Fluoranthene</b>	<b>0.049</b>		0.038	0.0071	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
Fluorene	<0.038		0.038	0.0054	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
Hexachlorobenzene	<0.077	+	0.077	0.0089	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
Hexachlorobutadiene	<0.19		0.19	0.060	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
Hexachlorocyclopentadiene	<0.77		0.77	0.22	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
Hexachloroethane	<0.19		0.19	0.058	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1

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# Client Sample Results

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

Job ID: 500-216606-1

**Client Sample ID: ROW-110(0-4)-051322**

**Lab Sample ID: 500-216606-8**

Date Collected: 05/13/22 10:15

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 86.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.018</b>	<b>J</b>	0.038	0.0099	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
Naphthalene	<0.038		0.038	0.0059	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
Nitrobenzene	<0.038		0.038	0.0096	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
N-Nitrosodi-n-propylamine	<0.077		0.077	0.047	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
Pentachlorophenol	<0.77		0.77	0.61	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
<b>Phenanthrene</b>	<b>0.024</b>	<b>J</b>	0.038	0.0053	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
Phenol	<0.19		0.19	0.085	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
<b>Pyrene</b>	<b>0.053</b>		0.038	0.0076	mg/Kg	☼	05/26/22 06:07	05/26/22 20:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	70		31 - 143				05/26/22 06:07	05/26/22 20:35	1
2-Fluorobiphenyl (Surr)	79		43 - 145				05/26/22 06:07	05/26/22 20:35	1
2-Fluorophenol (Surr)	75		31 - 166				05/26/22 06:07	05/26/22 20:35	1
Nitrobenzene-d5 (Surr)	82		37 - 147				05/26/22 06:07	05/26/22 20:35	1
Phenol-d5 (Surr)	79		30 - 153				05/26/22 06:07	05/26/22 20:35	1
Terphenyl-d14 (Surr)	98		42 - 157				05/26/22 06:07	05/26/22 20:35	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		05/19/22 18:24	05/20/22 22:40	1
<b>Barium</b>	<b>0.72</b>		0.50	0.050	mg/L		05/19/22 18:24	05/20/22 22:40	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/19/22 18:24	05/20/22 22:40	1
<b>Cadmium</b>	<b>0.0027</b>	<b>J</b>	0.0050	0.0020	mg/L		05/19/22 18:24	05/20/22 22:40	1
Chromium	<0.025		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 22:40	1
<b>Cobalt</b>	<b>0.044</b>		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 22:40	1
Copper	<0.025		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 22:40	1
Iron	<0.40		0.40	0.20	mg/L		05/19/22 18:24	05/20/22 22:40	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/19/22 18:24	05/23/22 12:15	1
<b>Manganese</b>	<b>5.0</b>		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 22:40	1
<b>Nickel</b>	<b>0.046</b>		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 22:40	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 18:24	05/20/22 22:40	1
Silver	<0.025		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 22:40	1
<b>Zinc</b>	<b>0.069</b>	<b>J</b>	0.50	0.020	mg/L		05/19/22 18:24	05/20/22 22:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.075</b>		0.050	0.010	mg/L		05/19/22 18:27	05/23/22 15:36	1
<b>Barium</b>	<b>0.47</b>	<b>J</b>	0.50	0.050	mg/L		05/19/22 18:27	05/23/22 15:36	1
<b>Beryllium</b>	<b>0.0071</b>		0.0040	0.0040	mg/L		05/19/22 18:27	05/23/22 15:36	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/19/22 18:27	05/23/22 15:36	1
<b>Chromium</b>	<b>0.13</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:36	1
<b>Cobalt</b>	<b>0.045</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:36	1
<b>Copper</b>	<b>0.17</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:36	1
<b>Iron</b>	<b>160</b>		0.40	0.20	mg/L		05/19/22 18:27	05/23/22 15:36	1
<b>Lead</b>	<b>0.072</b>		0.0075	0.0075	mg/L		05/19/22 18:27	05/23/22 15:36	1
<b>Manganese</b>	<b>0.74</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:36	1
<b>Nickel</b>	<b>0.15</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:36	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 18:27	05/23/22 15:36	1

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# Client Sample Results

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

Job ID: 500-216606-1

**Client Sample ID: ROW-110(0-4)-051322**

**Lab Sample ID: 500-216606-8**

Date Collected: 05/13/22 10:15

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 86.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:36	1
Zinc	0.39	J	0.50	0.020	mg/L		05/19/22 18:27	05/23/22 15:36	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7600		11	4.3	mg/Kg	☆	05/19/22 16:29	05/20/22 20:34	1
Antimony	0.46	J	1.1	0.21	mg/Kg	☆	05/19/22 16:29	05/20/22 20:34	1
Arsenic	5.2		0.53	0.18	mg/Kg	☆	05/19/22 16:29	05/20/22 20:34	1
Barium	51		0.53	0.060	mg/Kg	☆	05/19/22 16:29	05/20/22 20:34	1
Beryllium	0.54		0.21	0.049	mg/Kg	☆	05/19/22 16:29	05/20/22 20:34	1
Cadmium	0.042	J B	0.11	0.019	mg/Kg	☆	05/19/22 16:29	05/20/22 20:34	1
Calcium	50000	B	53	9.0	mg/Kg	☆	05/19/22 16:29	05/23/22 13:04	5
Chromium	14	B	0.53	0.26	mg/Kg	☆	05/19/22 16:29	05/20/22 20:34	1
Cobalt	7.0		0.26	0.069	mg/Kg	☆	05/19/22 16:29	05/20/22 20:34	1
Copper	15	B	0.53	0.15	mg/Kg	☆	05/19/22 16:29	05/20/22 20:34	1
Iron	13000		11	5.5	mg/Kg	☆	05/19/22 16:29	05/20/22 20:34	1
Lead	11		0.26	0.12	mg/Kg	☆	05/19/22 16:29	05/20/22 20:34	1
Magnesium	19000		5.3	2.6	mg/Kg	☆	05/19/22 16:29	05/20/22 20:34	1
Manganese	350		0.53	0.077	mg/Kg	☆	05/19/22 16:29	05/20/22 20:34	1
Nickel	18		0.53	0.15	mg/Kg	☆	05/19/22 16:29	05/20/22 20:34	1
Potassium	1200		26	9.4	mg/Kg	☆	05/19/22 16:29	05/20/22 20:34	1
Selenium	<0.53		0.53	0.31	mg/Kg	☆	05/19/22 16:29	05/20/22 20:34	1
Silver	0.17	J	0.26	0.068	mg/Kg	☆	05/19/22 16:29	05/20/22 20:34	1
Sodium	860		53	7.8	mg/Kg	☆	05/19/22 16:29	05/20/22 20:34	1
Thallium	<0.53		0.53	0.26	mg/Kg	☆	05/19/22 16:29	05/20/22 20:34	1
Vanadium	18		0.26	0.062	mg/Kg	☆	05/19/22 16:29	05/20/22 20:34	1
Zinc	56		1.1	0.46	mg/Kg	☆	05/19/22 16:29	05/20/22 20:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/20/22 11:25	05/23/22 12:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/20/22 11:25	05/23/22 14:12	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.041		0.018	0.0059	mg/Kg	☆	05/19/22 15:15	05/20/22 08:10	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.4		0.2	0.2	SU			05/19/22 19:25	1

# Client Sample Results

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

Job ID: 500-216606-1

**Client Sample ID: ROW-110(4-9)-051322**

**Lab Sample ID: 500-216606-9**

**Date Collected: 05/13/22 10:20**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 83.2**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.014	*+	0.014	0.0063	mg/Kg	☼	05/14/22 09:17	05/23/22 15:59	1
Benzene	<0.0014		0.0014	0.00037	mg/Kg	☼	05/14/22 09:17	05/23/22 15:59	1
Bromodichloromethane	<0.0014		0.0014	0.00029	mg/Kg	☼	05/14/22 09:17	05/23/22 15:59	1
Bromoform	<0.0014		0.0014	0.00042	mg/Kg	☼	05/14/22 09:17	05/23/22 15:59	1
Bromomethane	<0.0036		0.0036	0.0014	mg/Kg	☼	05/14/22 09:17	05/23/22 15:59	1
Carbon disulfide	<0.0036		0.0036	0.00075	mg/Kg	☼	05/14/22 09:17	05/23/22 15:59	1
Carbon tetrachloride	<0.0014	*+	0.0014	0.00042	mg/Kg	☼	05/14/22 09:17	05/23/22 15:59	1
Chlorobenzene	<0.0014		0.0014	0.00053	mg/Kg	☼	05/14/22 09:17	05/23/22 15:59	1
Chloroethane	<0.0036		0.0036	0.0011	mg/Kg	☼	05/14/22 09:17	05/23/22 15:59	1
Chloroform	<0.0014		0.0014	0.00050	mg/Kg	☼	05/14/22 09:17	05/23/22 15:59	1
Chloromethane	<0.0036		0.0036	0.0014	mg/Kg	☼	05/14/22 09:17	05/23/22 15:59	1
cis-1,2-Dichloroethene	<0.0014		0.0014	0.00040	mg/Kg	☼	05/14/22 09:17	05/23/22 15:59	1
cis-1,3-Dichloropropene	<0.0014		0.0014	0.00043	mg/Kg	☼	05/14/22 09:17	05/23/22 15:59	1
Dibromochloromethane	<0.0014		0.0014	0.00047	mg/Kg	☼	05/14/22 09:17	05/23/22 15:59	1
1,1-Dichloroethane	<0.0014		0.0014	0.00049	mg/Kg	☼	05/14/22 09:17	05/23/22 15:59	1
1,2-Dichloroethane	<0.0036		0.0036	0.0011	mg/Kg	☼	05/14/22 09:17	05/23/22 15:59	1
1,1-Dichloroethene	<0.0014		0.0014	0.00049	mg/Kg	☼	05/14/22 09:17	05/23/22 15:59	1
1,2-Dichloropropane	<0.0014		0.0014	0.00037	mg/Kg	☼	05/14/22 09:17	05/23/22 15:59	1
1,3-Dichloropropene, Total	<0.0014		0.0014	0.00050	mg/Kg	☼	05/14/22 09:17	05/23/22 15:59	1
Ethylbenzene	<0.0014		0.0014	0.00069	mg/Kg	☼	05/14/22 09:17	05/23/22 15:59	1
2-Hexanone	<0.0036		0.0036	0.0011	mg/Kg	☼	05/14/22 09:17	05/23/22 15:59	1
Methylene Chloride	<0.0036		0.0036	0.0014	mg/Kg	☼	05/14/22 09:17	05/23/22 15:59	1
Methyl Ethyl Ketone	<0.0036	*+	0.0036	0.0016	mg/Kg	☼	05/14/22 09:17	05/23/22 15:59	1
methyl isobutyl ketone	<0.0036		0.0036	0.0011	mg/Kg	☼	05/14/22 09:17	05/23/22 15:59	1
Methyl tert-butyl ether	<0.0014		0.0014	0.00042	mg/Kg	☼	05/14/22 09:17	05/23/22 15:59	1
Styrene	<0.0014		0.0014	0.00043	mg/Kg	☼	05/14/22 09:17	05/23/22 15:59	1
1,1,2,2-Tetrachloroethane	<0.0014		0.0014	0.00046	mg/Kg	☼	05/14/22 09:17	05/23/22 15:59	1
Tetrachloroethene	<0.0014		0.0014	0.00049	mg/Kg	☼	05/14/22 09:17	05/23/22 15:59	1
Toluene	<0.0014		0.0014	0.00036	mg/Kg	☼	05/14/22 09:17	05/23/22 15:59	1
trans-1,2-Dichloroethene	<0.0014		0.0014	0.00064	mg/Kg	☼	05/14/22 09:17	05/23/22 15:59	1
trans-1,3-Dichloropropene	<0.0014		0.0014	0.00050	mg/Kg	☼	05/14/22 09:17	05/23/22 15:59	1
1,1,1-Trichloroethane	<0.0014		0.0014	0.00048	mg/Kg	☼	05/14/22 09:17	05/23/22 15:59	1
1,1,2-Trichloroethane	<0.0014		0.0014	0.00062	mg/Kg	☼	05/14/22 09:17	05/23/22 15:59	1
Trichloroethene	<0.0014	*+	0.0014	0.00049	mg/Kg	☼	05/14/22 09:17	05/23/22 15:59	1
Vinyl chloride	<0.0014		0.0014	0.00064	mg/Kg	☼	05/14/22 09:17	05/23/22 15:59	1
Xylenes, Total	<0.0029		0.0029	0.00046	mg/Kg	☼	05/14/22 09:17	05/23/22 15:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		75 - 131	05/14/22 09:17	05/23/22 15:59	1
Dibromofluoromethane (Surr)	120		75 - 126	05/14/22 09:17	05/23/22 15:59	1
1,2-Dichloroethane-d4 (Surr)	112		70 - 134	05/14/22 09:17	05/23/22 15:59	1
Toluene-d8 (Surr)	111		75 - 124	05/14/22 09:17	05/23/22 15:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	☼	05/26/22 06:07	05/26/22 20:56	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	☼	05/26/22 06:07	05/26/22 20:56	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	05/26/22 06:07	05/26/22 20:56	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	☼	05/26/22 06:07	05/26/22 20:56	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	☼	05/26/22 06:07	05/26/22 20:56	1

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# Client Sample Results

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

Job ID: 500-216606-1

Client Sample ID: ROW-110(4-9)-051322

Lab Sample ID: 500-216606-9

Date Collected: 05/13/22 10:20

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 83.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.086	mg/Kg	✳	05/26/22 06:07	05/26/22 20:56	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	✳	05/26/22 06:07	05/26/22 20:56	1
2,4-Dichlorophenol	<0.37		0.37	0.089	mg/Kg	✳	05/26/22 06:07	05/26/22 20:56	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	✳	05/26/22 06:07	05/26/22 20:56	1
2,4-Dinitrophenol	<0.76		0.76	0.66	mg/Kg	✳	05/26/22 06:07	05/26/22 20:56	1
2,4-Dinitrotoluene	<0.19		0.19	0.060	mg/Kg	✳	05/26/22 06:07	05/26/22 20:56	1
2,6-Dinitrotoluene	<0.19		0.19	0.074	mg/Kg	✳	05/26/22 06:07	05/26/22 20:56	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	✳	05/26/22 06:07	05/26/22 20:56	1
2-Chlorophenol	<0.19		0.19	0.064	mg/Kg	✳	05/26/22 06:07	05/26/22 20:56	1
2-Methylnaphthalene	<0.076		0.076	0.0069	mg/Kg	✳	05/26/22 06:07	05/26/22 20:56	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	✳	05/26/22 06:07	05/26/22 20:56	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	✳	05/26/22 06:07	05/26/22 20:56	1
2-Nitrophenol	<0.37		0.37	0.089	mg/Kg	✳	05/26/22 06:07	05/26/22 20:56	1
3 & 4 Methylphenol	<0.19		0.19	0.063	mg/Kg	✳	05/26/22 06:07	05/26/22 20:56	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.053	mg/Kg	✳	05/26/22 06:07	05/26/22 20:56	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	✳	05/26/22 06:07	05/26/22 20:56	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.30	mg/Kg	✳	05/26/22 06:07	05/26/22 20:56	1
4-Bromophenyl phenyl ether	<0.19	+	0.19	0.050	mg/Kg	✳	05/26/22 06:07	05/26/22 20:56	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	✳	05/26/22 06:07	05/26/22 20:56	1
4-Chloroaniline	<0.76		0.76	0.18	mg/Kg	✳	05/26/22 06:07	05/26/22 20:56	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	✳	05/26/22 06:07	05/26/22 20:56	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	✳	05/26/22 06:07	05/26/22 20:56	1
4-Nitrophenol	<0.76		0.76	0.36	mg/Kg	✳	05/26/22 06:07	05/26/22 20:56	1
Acenaphthene	<0.037		0.037	0.0068	mg/Kg	✳	05/26/22 06:07	05/26/22 20:56	1
Acenaphthylene	<0.037		0.037	0.0050	mg/Kg	✳	05/26/22 06:07	05/26/22 20:56	1
Anthracene	<0.037		0.037	0.0063	mg/Kg	✳	05/26/22 06:07	05/26/22 20:56	1
Benzo[a]anthracene	<0.037		0.037	0.0051	mg/Kg	✳	05/26/22 06:07	05/26/22 20:56	1
Benzo[a]pyrene	<0.037		0.037	0.0073	mg/Kg	✳	05/26/22 06:07	05/26/22 20:56	1
Benzo[b]fluoranthene	<0.037		0.037	0.0081	mg/Kg	✳	05/26/22 06:07	05/26/22 20:56	1
<b>Benzo[g,h,i]perylene</b>	<b>0.014</b>	<b>J</b>	0.037	0.012	mg/Kg	✳	05/26/22 06:07	05/26/22 20:56	1
Benzo[k]fluoranthene	<0.037		0.037	0.011	mg/Kg	✳	05/26/22 06:07	05/26/22 20:56	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	✳	05/26/22 06:07	05/26/22 20:56	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	✳	05/26/22 06:07	05/26/22 20:56	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.069	mg/Kg	✳	05/26/22 06:07	05/26/22 20:56	1
Butyl benzyl phthalate	<0.19		0.19	0.072	mg/Kg	✳	05/26/22 06:07	05/26/22 20:56	1
Carbazole	<0.19		0.19	0.094	mg/Kg	✳	05/26/22 06:07	05/26/22 20:56	1
<b>Chrysene</b>	<b>0.021</b>	<b>J</b>	0.037	0.010	mg/Kg	✳	05/26/22 06:07	05/26/22 20:56	1
Dibenz(a,h)anthracene	<0.037		0.037	0.0073	mg/Kg	✳	05/26/22 06:07	05/26/22 20:56	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	✳	05/26/22 06:07	05/26/22 20:56	1
Diethyl phthalate	<0.19		0.19	0.064	mg/Kg	✳	05/26/22 06:07	05/26/22 20:56	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	✳	05/26/22 06:07	05/26/22 20:56	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	✳	05/26/22 06:07	05/26/22 20:56	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	✳	05/26/22 06:07	05/26/22 20:56	1
Fluoranthene	<0.037		0.037	0.0070	mg/Kg	✳	05/26/22 06:07	05/26/22 20:56	1
Fluorene	<0.037		0.037	0.0053	mg/Kg	✳	05/26/22 06:07	05/26/22 20:56	1
Hexachlorobenzene	<0.076	+	0.076	0.0087	mg/Kg	✳	05/26/22 06:07	05/26/22 20:56	1
Hexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	✳	05/26/22 06:07	05/26/22 20:56	1
Hexachlorocyclopentadiene	<0.76		0.76	0.22	mg/Kg	✳	05/26/22 06:07	05/26/22 20:56	1
Hexachloroethane	<0.19		0.19	0.057	mg/Kg	✳	05/26/22 06:07	05/26/22 20:56	1

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# Client Sample Results

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

Job ID: 500-216606-1

**Client Sample ID: ROW-110(4-9)-051322**

**Lab Sample ID: 500-216606-9**

Date Collected: 05/13/22 10:20

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 83.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.037		0.037	0.0097	mg/Kg	☼	05/26/22 06:07	05/26/22 20:56	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	05/26/22 06:07	05/26/22 20:56	1
Naphthalene	<0.037		0.037	0.0058	mg/Kg	☼	05/26/22 06:07	05/26/22 20:56	1
Nitrobenzene	<0.037		0.037	0.0094	mg/Kg	☼	05/26/22 06:07	05/26/22 20:56	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.046	mg/Kg	☼	05/26/22 06:07	05/26/22 20:56	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☼	05/26/22 06:07	05/26/22 20:56	1
Pentachlorophenol	<0.76		0.76	0.60	mg/Kg	☼	05/26/22 06:07	05/26/22 20:56	1
<b>Phenanthrene</b>	<b>0.020</b>	<b>J</b>	0.037	0.0052	mg/Kg	☼	05/26/22 06:07	05/26/22 20:56	1
Phenol	<0.19		0.19	0.084	mg/Kg	☼	05/26/22 06:07	05/26/22 20:56	1
<b>Pyrene</b>	<b>0.022</b>	<b>J</b>	0.037	0.0075	mg/Kg	☼	05/26/22 06:07	05/26/22 20:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	72		31 - 143	05/26/22 06:07	05/26/22 20:56	1
2-Fluorobiphenyl (Surr)	86		43 - 145	05/26/22 06:07	05/26/22 20:56	1
2-Fluorophenol (Surr)	72		31 - 166	05/26/22 06:07	05/26/22 20:56	1
Nitrobenzene-d5 (Surr)	91		37 - 147	05/26/22 06:07	05/26/22 20:56	1
Phenol-d5 (Surr)	75		30 - 153	05/26/22 06:07	05/26/22 20:56	1
Terphenyl-d14 (Surr)	101		42 - 157	05/26/22 06:07	05/26/22 20:56	1

### Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		05/19/22 18:24	05/20/22 22:44	1
<b>Barium</b>	<b>0.53</b>		0.50	0.050	mg/L		05/19/22 18:24	05/20/22 22:44	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/19/22 18:24	05/20/22 22:44	1
<b>Cadmium</b>	<b>0.0033</b>	<b>J</b>	0.0050	0.0020	mg/L		05/19/22 18:24	05/20/22 22:44	1
Chromium	<0.025		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 22:44	1
<b>Cobalt</b>	<b>0.048</b>		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 22:44	1
Copper	<0.025		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 22:44	1
Iron	<0.40		0.40	0.20	mg/L		05/19/22 18:24	05/20/22 22:44	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/19/22 18:24	05/23/22 12:19	1
<b>Manganese</b>	<b>4.1</b>		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 22:44	1
<b>Nickel</b>	<b>0.031</b>		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 22:44	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 18:24	05/20/22 22:44	1
Silver	<0.025		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 22:44	1
Zinc	<0.50		0.50	0.020	mg/L		05/19/22 18:24	05/20/22 22:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.083</b>		0.050	0.010	mg/L		05/19/22 18:27	05/23/22 15:39	1
<b>Barium</b>	<b>0.35</b>	<b>J</b>	0.50	0.050	mg/L		05/19/22 18:27	05/23/22 15:39	1
<b>Beryllium</b>	<b>0.0069</b>		0.0040	0.0040	mg/L		05/19/22 18:27	05/23/22 15:39	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/19/22 18:27	05/23/22 15:39	1
<b>Chromium</b>	<b>0.13</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:39	1
<b>Cobalt</b>	<b>0.038</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:39	1
<b>Copper</b>	<b>0.17</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:39	1
<b>Iron</b>	<b>160</b>		0.40	0.20	mg/L		05/19/22 18:27	05/23/22 15:39	1
<b>Lead</b>	<b>0.072</b>		0.0075	0.0075	mg/L		05/19/22 18:27	05/23/22 15:39	1
<b>Manganese</b>	<b>0.47</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:39	1
<b>Nickel</b>	<b>0.14</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:39	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 18:27	05/23/22 15:39	1

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# Client Sample Results

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

Job ID: 500-216606-1

**Client Sample ID: ROW-110(4-9)-051322**

**Lab Sample ID: 500-216606-9**

Date Collected: 05/13/22 10:20

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 83.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:39	1
<b>Zinc</b>	<b>0.37</b>	<b>J</b>	0.50	0.020	mg/L		05/19/22 18:27	05/23/22 15:39	1

### Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8700		12	4.8	mg/Kg	☆	05/19/22 16:29	05/20/22 20:37	1
Antimony	0.68	J	1.2	0.23	mg/Kg	☆	05/19/22 16:29	05/20/22 20:37	1
Arsenic	10		0.59	0.20	mg/Kg	☆	05/19/22 16:29	05/20/22 20:37	1
Barium	36		0.59	0.067	mg/Kg	☆	05/19/22 16:29	05/20/22 20:37	1
Beryllium	0.71		0.24	0.055	mg/Kg	☆	05/19/22 16:29	05/20/22 20:37	1
Cadmium	0.033	J B	0.12	0.021	mg/Kg	☆	05/19/22 16:29	05/20/22 20:37	1
Calcium	69000	B	59	10	mg/Kg	☆	05/19/22 16:29	05/23/22 13:07	5
Chromium	16	B	0.59	0.29	mg/Kg	☆	05/19/22 16:29	05/20/22 20:37	1
Cobalt	11		0.30	0.077	mg/Kg	☆	05/19/22 16:29	05/20/22 20:37	1
Copper	23	B	0.59	0.17	mg/Kg	☆	05/19/22 16:29	05/20/22 20:37	1
Iron	19000		12	6.1	mg/Kg	☆	05/19/22 16:29	05/20/22 20:37	1
Lead	13		0.30	0.14	mg/Kg	☆	05/19/22 16:29	05/20/22 20:37	1
Magnesium	27000		5.9	2.9	mg/Kg	☆	05/19/22 16:29	05/20/22 20:37	1
Manganese	350		0.59	0.086	mg/Kg	☆	05/19/22 16:29	05/20/22 20:37	1
Nickel	27		0.59	0.17	mg/Kg	☆	05/19/22 16:29	05/20/22 20:37	1
Potassium	2200		30	10	mg/Kg	☆	05/19/22 16:29	05/20/22 20:37	1
Selenium	<0.59		0.59	0.35	mg/Kg	☆	05/19/22 16:29	05/20/22 20:37	1
Silver	0.17	J	0.30	0.076	mg/Kg	☆	05/19/22 16:29	05/20/22 20:37	1
Sodium	840		59	8.7	mg/Kg	☆	05/19/22 16:29	05/20/22 20:37	1
Thallium	0.52	J	0.59	0.29	mg/Kg	☆	05/19/22 16:29	05/20/22 20:37	1
Vanadium	19		0.30	0.070	mg/Kg	☆	05/19/22 16:29	05/20/22 20:37	1
Zinc	52		1.2	0.52	mg/Kg	☆	05/19/22 16:29	05/20/22 20:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/20/22 11:25	05/23/22 12:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/20/22 11:25	05/23/22 14:14	1

### Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.026		0.019	0.0062	mg/Kg	☆	05/19/22 15:15	05/20/22 08:12	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.9		0.2	0.2	SU			05/19/22 19:30	1

# Client Sample Results

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

Job ID: 500-216606-1

**Client Sample ID: ROW-116(0-4)-051322**

**Lab Sample ID: 500-216606-10**

**Date Collected: 05/13/22 10:25**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 84.6**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017	*+	0.017	0.0075	mg/Kg	☼	05/14/22 09:17	05/23/22 16:24	1
Benzene	<0.0017		0.0017	0.00044	mg/Kg	☼	05/14/22 09:17	05/23/22 16:24	1
Bromodichloromethane	<0.0017		0.0017	0.00035	mg/Kg	☼	05/14/22 09:17	05/23/22 16:24	1
Bromoform	<0.0017		0.0017	0.00050	mg/Kg	☼	05/14/22 09:17	05/23/22 16:24	1
Bromomethane	<0.0043		0.0043	0.0016	mg/Kg	☼	05/14/22 09:17	05/23/22 16:24	1
Carbon disulfide	<0.0043		0.0043	0.00090	mg/Kg	☼	05/14/22 09:17	05/23/22 16:24	1
Carbon tetrachloride	<0.0017	*+	0.0017	0.00050	mg/Kg	☼	05/14/22 09:17	05/23/22 16:24	1
Chlorobenzene	<0.0017		0.0017	0.00064	mg/Kg	☼	05/14/22 09:17	05/23/22 16:24	1
Chloroethane	<0.0043		0.0043	0.0013	mg/Kg	☼	05/14/22 09:17	05/23/22 16:24	1
Chloroform	<0.0017		0.0017	0.00060	mg/Kg	☼	05/14/22 09:17	05/23/22 16:24	1
Chloromethane	<0.0043		0.0043	0.0017	mg/Kg	☼	05/14/22 09:17	05/23/22 16:24	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00048	mg/Kg	☼	05/14/22 09:17	05/23/22 16:24	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00052	mg/Kg	☼	05/14/22 09:17	05/23/22 16:24	1
Dibromochloromethane	<0.0017		0.0017	0.00056	mg/Kg	☼	05/14/22 09:17	05/23/22 16:24	1
1,1-Dichloroethane	<0.0017		0.0017	0.00059	mg/Kg	☼	05/14/22 09:17	05/23/22 16:24	1
1,2-Dichloroethane	<0.0043		0.0043	0.0013	mg/Kg	☼	05/14/22 09:17	05/23/22 16:24	1
1,1-Dichloroethene	<0.0017		0.0017	0.00059	mg/Kg	☼	05/14/22 09:17	05/23/22 16:24	1
1,2-Dichloropropane	<0.0017		0.0017	0.00044	mg/Kg	☼	05/14/22 09:17	05/23/22 16:24	1
1,3-Dichloropropane, Total	<0.0017		0.0017	0.00060	mg/Kg	☼	05/14/22 09:17	05/23/22 16:24	1
Ethylbenzene	<0.0017		0.0017	0.00082	mg/Kg	☼	05/14/22 09:17	05/23/22 16:24	1
2-Hexanone	<0.0043		0.0043	0.0013	mg/Kg	☼	05/14/22 09:17	05/23/22 16:24	1
Methylene Chloride	<0.0043		0.0043	0.0017	mg/Kg	☼	05/14/22 09:17	05/23/22 16:24	1
Methyl Ethyl Ketone	<0.0043	*+	0.0043	0.0019	mg/Kg	☼	05/14/22 09:17	05/23/22 16:24	1
methyl isobutyl ketone	<0.0043		0.0043	0.0013	mg/Kg	☼	05/14/22 09:17	05/23/22 16:24	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00051	mg/Kg	☼	05/14/22 09:17	05/23/22 16:24	1
Styrene	<0.0017		0.0017	0.00052	mg/Kg	☼	05/14/22 09:17	05/23/22 16:24	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00055	mg/Kg	☼	05/14/22 09:17	05/23/22 16:24	1
Tetrachloroethene	<0.0017		0.0017	0.00059	mg/Kg	☼	05/14/22 09:17	05/23/22 16:24	1
Toluene	<0.0017		0.0017	0.00043	mg/Kg	☼	05/14/22 09:17	05/23/22 16:24	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00076	mg/Kg	☼	05/14/22 09:17	05/23/22 16:24	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00060	mg/Kg	☼	05/14/22 09:17	05/23/22 16:24	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00058	mg/Kg	☼	05/14/22 09:17	05/23/22 16:24	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00074	mg/Kg	☼	05/14/22 09:17	05/23/22 16:24	1
Trichloroethene	<0.0017	*+	0.0017	0.00058	mg/Kg	☼	05/14/22 09:17	05/23/22 16:24	1
Vinyl chloride	<0.0017		0.0017	0.00076	mg/Kg	☼	05/14/22 09:17	05/23/22 16:24	1
Xylenes, Total	<0.0034		0.0034	0.00055	mg/Kg	☼	05/14/22 09:17	05/23/22 16:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		75 - 131	05/14/22 09:17	05/23/22 16:24	1
Dibromofluoromethane (Surr)	120		75 - 126	05/14/22 09:17	05/23/22 16:24	1
1,2-Dichloroethane-d4 (Surr)	114		70 - 134	05/14/22 09:17	05/23/22 16:24	1
Toluene-d8 (Surr)	115		75 - 124	05/14/22 09:17	05/23/22 16:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	☼	05/26/22 06:07	05/26/22 21:16	1
1,2-Dichlorobenzene	<0.19		0.19	0.044	mg/Kg	☼	05/26/22 06:07	05/26/22 21:16	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	05/26/22 06:07	05/26/22 21:16	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	☼	05/26/22 06:07	05/26/22 21:16	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	☼	05/26/22 06:07	05/26/22 21:16	1

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# Client Sample Results

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

Job ID: 500-216606-1

Client Sample ID: ROW-116(0-4)-051322

Lab Sample ID: 500-216606-10

Date Collected: 05/13/22 10:25

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 84.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.085	mg/Kg	✳	05/26/22 06:07	05/26/22 21:16	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	✳	05/26/22 06:07	05/26/22 21:16	1
2,4-Dichlorophenol	<0.37		0.37	0.088	mg/Kg	✳	05/26/22 06:07	05/26/22 21:16	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	✳	05/26/22 06:07	05/26/22 21:16	1
2,4-Dinitrophenol	<0.75		0.75	0.65	mg/Kg	✳	05/26/22 06:07	05/26/22 21:16	1
2,4-Dinitrotoluene	<0.19		0.19	0.059	mg/Kg	✳	05/26/22 06:07	05/26/22 21:16	1
2,6-Dinitrotoluene	<0.19		0.19	0.073	mg/Kg	✳	05/26/22 06:07	05/26/22 21:16	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	✳	05/26/22 06:07	05/26/22 21:16	1
2-Chlorophenol	<0.19		0.19	0.063	mg/Kg	✳	05/26/22 06:07	05/26/22 21:16	1
2-Methylnaphthalene	<0.075		0.075	0.0068	mg/Kg	✳	05/26/22 06:07	05/26/22 21:16	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	✳	05/26/22 06:07	05/26/22 21:16	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	✳	05/26/22 06:07	05/26/22 21:16	1
2-Nitrophenol	<0.37		0.37	0.088	mg/Kg	✳	05/26/22 06:07	05/26/22 21:16	1
3 & 4 Methylphenol	<0.19		0.19	0.062	mg/Kg	✳	05/26/22 06:07	05/26/22 21:16	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.052	mg/Kg	✳	05/26/22 06:07	05/26/22 21:16	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	✳	05/26/22 06:07	05/26/22 21:16	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.30	mg/Kg	✳	05/26/22 06:07	05/26/22 21:16	1
4-Bromophenyl phenyl ether	<0.19	*+	0.19	0.049	mg/Kg	✳	05/26/22 06:07	05/26/22 21:16	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	✳	05/26/22 06:07	05/26/22 21:16	1
4-Chloroaniline	<0.75		0.75	0.17	mg/Kg	✳	05/26/22 06:07	05/26/22 21:16	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.043	mg/Kg	✳	05/26/22 06:07	05/26/22 21:16	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	✳	05/26/22 06:07	05/26/22 21:16	1
4-Nitrophenol	<0.75		0.75	0.35	mg/Kg	✳	05/26/22 06:07	05/26/22 21:16	1
Acenaphthene	<0.037		0.037	0.0067	mg/Kg	✳	05/26/22 06:07	05/26/22 21:16	1
Acenaphthylene	<0.037		0.037	0.0049	mg/Kg	✳	05/26/22 06:07	05/26/22 21:16	1
Anthracene	<0.037		0.037	0.0062	mg/Kg	✳	05/26/22 06:07	05/26/22 21:16	1
Benzo[a]anthracene	<0.037		0.037	0.0050	mg/Kg	✳	05/26/22 06:07	05/26/22 21:16	1
Benzo[a]pyrene	<0.037		0.037	0.0072	mg/Kg	✳	05/26/22 06:07	05/26/22 21:16	1
Benzo[b]fluoranthene	<0.037		0.037	0.0080	mg/Kg	✳	05/26/22 06:07	05/26/22 21:16	1
Benzo[g,h,i]perylene	<0.037		0.037	0.012	mg/Kg	✳	05/26/22 06:07	05/26/22 21:16	1
Benzo[k]fluoranthene	<0.037		0.037	0.011	mg/Kg	✳	05/26/22 06:07	05/26/22 21:16	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	✳	05/26/22 06:07	05/26/22 21:16	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	✳	05/26/22 06:07	05/26/22 21:16	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.068	mg/Kg	✳	05/26/22 06:07	05/26/22 21:16	1
Butyl benzyl phthalate	<0.19		0.19	0.071	mg/Kg	✳	05/26/22 06:07	05/26/22 21:16	1
Carbazole	<0.19		0.19	0.093	mg/Kg	✳	05/26/22 06:07	05/26/22 21:16	1
Chrysene	<0.037		0.037	0.010	mg/Kg	✳	05/26/22 06:07	05/26/22 21:16	1
Dibenz(a,h)anthracene	<0.037		0.037	0.0072	mg/Kg	✳	05/26/22 06:07	05/26/22 21:16	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	✳	05/26/22 06:07	05/26/22 21:16	1
Diethyl phthalate	<0.19		0.19	0.063	mg/Kg	✳	05/26/22 06:07	05/26/22 21:16	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	✳	05/26/22 06:07	05/26/22 21:16	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	✳	05/26/22 06:07	05/26/22 21:16	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	✳	05/26/22 06:07	05/26/22 21:16	1
Fluoranthene	<0.037		0.037	0.0069	mg/Kg	✳	05/26/22 06:07	05/26/22 21:16	1
Fluorene	<0.037		0.037	0.0052	mg/Kg	✳	05/26/22 06:07	05/26/22 21:16	1
Hexachlorobenzene	<0.075	*+	0.075	0.0086	mg/Kg	✳	05/26/22 06:07	05/26/22 21:16	1
Hexachlorobutadiene	<0.19		0.19	0.058	mg/Kg	✳	05/26/22 06:07	05/26/22 21:16	1
Hexachlorocyclopentadiene	<0.75		0.75	0.21	mg/Kg	✳	05/26/22 06:07	05/26/22 21:16	1
Hexachloroethane	<0.19		0.19	0.057	mg/Kg	✳	05/26/22 06:07	05/26/22 21:16	1

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# Client Sample Results

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

Job ID: 500-216606-1

**Client Sample ID: ROW-116(0-4)-051322**

**Lab Sample ID: 500-216606-10**

Date Collected: 05/13/22 10:25

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 84.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:42	1
Zinc	0.42	J	0.50	0.020	mg/L		05/19/22 18:27	05/23/22 15:42	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9900		11	4.6	mg/Kg	☆	05/19/22 16:29	05/20/22 20:40	1
Antimony	0.52	J	1.1	0.22	mg/Kg	☆	05/19/22 16:29	05/20/22 20:40	1
Arsenic	7.4		0.56	0.19	mg/Kg	☆	05/19/22 16:29	05/20/22 20:40	1
Barium	71		0.56	0.064	mg/Kg	☆	05/19/22 16:29	05/20/22 20:40	1
Beryllium	0.73		0.23	0.053	mg/Kg	☆	05/19/22 16:29	05/20/22 20:40	1
Cadmium	0.025	J B	0.11	0.020	mg/Kg	☆	05/19/22 16:29	05/20/22 20:40	1
Calcium	31000	B	11	1.9	mg/Kg	☆	05/19/22 16:29	05/20/22 20:40	1
Chromium	16	B	0.56	0.28	mg/Kg	☆	05/19/22 16:29	05/20/22 20:40	1
Cobalt	11		0.28	0.074	mg/Kg	☆	05/19/22 16:29	05/20/22 20:40	1
Copper	24	B	0.56	0.16	mg/Kg	☆	05/19/22 16:29	05/20/22 20:40	1
Iron	18000		11	5.9	mg/Kg	☆	05/19/22 16:29	05/20/22 20:40	1
Lead	17		0.28	0.13	mg/Kg	☆	05/19/22 16:29	05/20/22 20:40	1
Magnesium	15000		5.6	2.8	mg/Kg	☆	05/19/22 16:29	05/20/22 20:40	1
Manganese	370		0.56	0.082	mg/Kg	☆	05/19/22 16:29	05/20/22 20:40	1
Nickel	27		0.56	0.16	mg/Kg	☆	05/19/22 16:29	05/20/22 20:40	1
Potassium	1600		28	10	mg/Kg	☆	05/19/22 16:29	05/20/22 20:40	1
Selenium	<0.56		0.56	0.33	mg/Kg	☆	05/19/22 16:29	05/20/22 20:40	1
Silver	0.24	J	0.28	0.073	mg/Kg	☆	05/19/22 16:29	05/20/22 20:40	1
Sodium	1200		56	8.3	mg/Kg	☆	05/19/22 16:29	05/20/22 20:40	1
Thallium	0.43	J	0.56	0.28	mg/Kg	☆	05/19/22 16:29	05/20/22 20:40	1
Vanadium	24		0.28	0.066	mg/Kg	☆	05/19/22 16:29	05/20/22 20:40	1
Zinc	52		1.1	0.49	mg/Kg	☆	05/19/22 16:29	05/20/22 20:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/20/22 11:25	05/23/22 12:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/20/22 11:25	05/23/22 14:16	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.034	F1	0.018	0.0061	mg/Kg	☆	05/19/22 15:15	05/20/22 08:14	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.5		0.2	0.2	SU			05/19/22 19:32	1







# Client Sample Results

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

Job ID: 500-216606-1

Client Sample ID: ROW-116(4-9)-051322

Lab Sample ID: 500-216606-11

Date Collected: 05/13/22 10:30

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 80.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:45	1
Zinc	0.34	J	0.50	0.020	mg/L		05/19/22 18:27	05/23/22 15:45	1

## Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	11000		12	4.9	mg/Kg	*	05/19/22 16:29	05/20/22 20:50	1
Antimony	0.77	J	1.2	0.23	mg/Kg	*	05/19/22 16:29	05/20/22 20:50	1
Arsenic	9.0		0.59	0.20	mg/Kg	*	05/19/22 16:29	05/20/22 20:50	1
Barium	70		0.59	0.068	mg/Kg	*	05/19/22 16:29	05/20/22 20:50	1
Beryllium	0.88		0.24	0.056	mg/Kg	*	05/19/22 16:29	05/20/22 20:50	1
Cadmium	0.098	J B	0.12	0.021	mg/Kg	*	05/19/22 16:29	05/20/22 20:50	1
Calcium	13000	B	12	2.0	mg/Kg	*	05/19/22 16:29	05/20/22 20:50	1
Chromium	20	B	0.59	0.29	mg/Kg	*	05/19/22 16:29	05/20/22 20:50	1
Cobalt	14		0.30	0.078	mg/Kg	*	05/19/22 16:29	05/20/22 20:50	1
Copper	23	B	0.59	0.17	mg/Kg	*	05/19/22 16:29	05/20/22 20:50	1
Iron	22000		12	6.2	mg/Kg	*	05/19/22 16:29	05/20/22 20:50	1
Lead	16		0.30	0.14	mg/Kg	*	05/19/22 16:29	05/20/22 20:50	1
Magnesium	8900		5.9	3.0	mg/Kg	*	05/19/22 16:29	05/20/22 20:50	1
Manganese	490		0.59	0.086	mg/Kg	*	05/19/22 16:29	05/20/22 20:50	1
Nickel	34		0.59	0.17	mg/Kg	*	05/19/22 16:29	05/20/22 20:50	1
Potassium	1900		30	11	mg/Kg	*	05/19/22 16:29	05/20/22 20:50	1
Selenium	<0.59		0.59	0.35	mg/Kg	*	05/19/22 16:29	05/20/22 20:50	1
Silver	0.34		0.30	0.077	mg/Kg	*	05/19/22 16:29	05/20/22 20:50	1
Sodium	560		59	8.8	mg/Kg	*	05/19/22 16:29	05/20/22 20:50	1
Thallium	0.43	J	0.59	0.30	mg/Kg	*	05/19/22 16:29	05/20/22 20:50	1
Vanadium	29		0.30	0.070	mg/Kg	*	05/19/22 16:29	05/20/22 20:50	1
Zinc	66		1.2	0.52	mg/Kg	*	05/19/22 16:29	05/20/22 20:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/20/22 11:25	05/23/22 11:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/20/22 11:25	05/23/22 14:18	1

## Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.032		0.019	0.0065	mg/Kg	*	05/19/22 15:15	05/20/22 08:21	1

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.0		0.2	0.2	SU			05/19/22 19:35	1







# Client Sample Results

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

Job ID: 500-216606-1

**Client Sample ID: ROW-120(0-4)-051322**

**Lab Sample ID: 500-216606-12**

**Date Collected: 05/13/22 10:50**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 88.9**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.037		0.037	0.0096	mg/Kg	☼	05/26/22 06:07	05/26/22 21:57	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	05/26/22 06:07	05/26/22 21:57	1
Naphthalene	<0.037		0.037	0.0057	mg/Kg	☼	05/26/22 06:07	05/26/22 21:57	1
Nitrobenzene	<0.037		0.037	0.0092	mg/Kg	☼	05/26/22 06:07	05/26/22 21:57	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.045	mg/Kg	☼	05/26/22 06:07	05/26/22 21:57	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☼	05/26/22 06:07	05/26/22 21:57	1
Pentachlorophenol	<0.75		0.75	0.59	mg/Kg	☼	05/26/22 06:07	05/26/22 21:57	1
<b>Phenanthrene</b>	<b>0.037</b>		0.037	0.0052	mg/Kg	☼	05/26/22 06:07	05/26/22 21:57	1
Phenol	<0.19		0.19	0.082	mg/Kg	☼	05/26/22 06:07	05/26/22 21:57	1
<b>Pyrene</b>	<b>0.023</b>	<b>J</b>	0.037	0.0073	mg/Kg	☼	05/26/22 06:07	05/26/22 21:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	70		31 - 143	05/26/22 06:07	05/26/22 21:57	1
2-Fluorobiphenyl (Surr)	88		43 - 145	05/26/22 06:07	05/26/22 21:57	1
2-Fluorophenol (Surr)	72		31 - 166	05/26/22 06:07	05/26/22 21:57	1
Nitrobenzene-d5 (Surr)	85		37 - 147	05/26/22 06:07	05/26/22 21:57	1
Phenol-d5 (Surr)	75		30 - 153	05/26/22 06:07	05/26/22 21:57	1
Terphenyl-d14 (Surr)	99		42 - 157	05/26/22 06:07	05/26/22 21:57	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		05/19/22 18:24	05/20/22 22:57	1
<b>Barium</b>	<b>0.38</b>	<b>J</b>	0.50	0.050	mg/L		05/19/22 18:24	05/20/22 22:57	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/19/22 18:24	05/20/22 22:57	1
<b>Cadmium</b>	<b>0.0032</b>	<b>J</b>	0.0050	0.0020	mg/L		05/19/22 18:24	05/20/22 22:57	1
Chromium	<0.025		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 22:57	1
<b>Cobalt</b>	<b>0.055</b>		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 22:57	1
<b>Copper</b>	<b>0.010</b>	<b>J</b>	0.025	0.010	mg/L		05/19/22 18:24	05/20/22 22:57	1
<b>Iron</b>	<b>0.23</b>	<b>J</b>	0.40	0.20	mg/L		05/19/22 18:24	05/20/22 22:57	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/19/22 18:24	05/23/22 12:25	1
<b>Manganese</b>	<b>4.3</b>		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 22:57	1
<b>Nickel</b>	<b>0.048</b>		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 22:57	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 18:24	05/20/22 22:57	1
Silver	<0.025		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 22:57	1
<b>Zinc</b>	<b>0.063</b>	<b>J</b>	0.50	0.020	mg/L		05/19/22 18:24	05/20/22 22:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.060</b>		0.050	0.010	mg/L		05/19/22 18:27	05/23/22 15:48	1
<b>Barium</b>	<b>0.30</b>	<b>J</b>	0.50	0.050	mg/L		05/19/22 18:27	05/23/22 15:48	1
<b>Beryllium</b>	<b>0.0066</b>		0.0040	0.0040	mg/L		05/19/22 18:27	05/23/22 15:48	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/19/22 18:27	05/23/22 15:48	1
<b>Chromium</b>	<b>0.12</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:48	1
<b>Cobalt</b>	<b>0.049</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:48	1
<b>Copper</b>	<b>0.15</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:48	1
<b>Iron</b>	<b>130</b>		0.40	0.20	mg/L		05/19/22 18:27	05/23/22 15:48	1
<b>Lead</b>	<b>0.076</b>		0.0075	0.0075	mg/L		05/19/22 18:27	05/23/22 15:48	1
<b>Manganese</b>	<b>0.66</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:48	1
<b>Nickel</b>	<b>0.15</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:48	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 18:27	05/23/22 15:48	1

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# Client Sample Results

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

Job ID: 500-216606-1

**Client Sample ID: ROW-120(0-4)-051322**

**Lab Sample ID: 500-216606-12**

Date Collected: 05/13/22 10:50

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 88.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:48	1
<b>Zinc</b>	<b>0.30</b>	<b>J</b>	0.50	0.020	mg/L		05/19/22 18:27	05/23/22 15:48	1

## Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>8500</b>		11	4.5	mg/Kg	☆	05/19/22 16:29	05/20/22 20:53	1
<b>Antimony</b>	<b>0.62</b>	<b>J</b>	1.1	0.22	mg/Kg	☆	05/19/22 16:29	05/20/22 20:53	1
<b>Arsenic</b>	<b>5.7</b>		0.56	0.19	mg/Kg	☆	05/19/22 16:29	05/20/22 20:53	1
<b>Barium</b>	<b>25</b>		0.56	0.063	mg/Kg	☆	05/19/22 16:29	05/20/22 20:53	1
<b>Beryllium</b>	<b>0.65</b>		0.22	0.052	mg/Kg	☆	05/19/22 16:29	05/20/22 20:53	1
Cadmium	<0.11		0.11	0.020	mg/Kg	☆	05/19/22 16:29	05/20/22 20:53	1
<b>Calcium</b>	<b>66000</b>	<b>B</b>	56	9.4	mg/Kg	☆	05/19/22 16:29	05/23/22 13:10	5
<b>Chromium</b>	<b>15</b>	<b>B</b>	0.56	0.27	mg/Kg	☆	05/19/22 16:29	05/20/22 20:53	1
<b>Cobalt</b>	<b>9.6</b>		0.28	0.073	mg/Kg	☆	05/19/22 16:29	05/20/22 20:53	1
<b>Copper</b>	<b>20</b>	<b>B</b>	0.56	0.16	mg/Kg	☆	05/19/22 16:29	05/20/22 20:53	1
<b>Iron</b>	<b>16000</b>		11	5.8	mg/Kg	☆	05/19/22 16:29	05/20/22 20:53	1
<b>Lead</b>	<b>12</b>		0.28	0.13	mg/Kg	☆	05/19/22 16:29	05/20/22 20:53	1
<b>Magnesium</b>	<b>24000</b>		5.6	2.8	mg/Kg	☆	05/19/22 16:29	05/20/22 20:53	1
<b>Manganese</b>	<b>290</b>		0.56	0.081	mg/Kg	☆	05/19/22 16:29	05/20/22 20:53	1
<b>Nickel</b>	<b>27</b>		0.56	0.16	mg/Kg	☆	05/19/22 16:29	05/20/22 20:53	1
<b>Potassium</b>	<b>2200</b>		28	9.8	mg/Kg	☆	05/19/22 16:29	05/20/22 20:53	1
<b>Selenium</b>	<b>0.48</b>	<b>J</b>	0.56	0.33	mg/Kg	☆	05/19/22 16:29	05/20/22 20:53	1
<b>Silver</b>	<b>0.22</b>	<b>J</b>	0.28	0.072	mg/Kg	☆	05/19/22 16:29	05/20/22 20:53	1
<b>Sodium</b>	<b>670</b>		56	8.2	mg/Kg	☆	05/19/22 16:29	05/20/22 20:53	1
<b>Thallium</b>	<b>0.51</b>	<b>J</b>	0.56	0.28	mg/Kg	☆	05/19/22 16:29	05/20/22 20:53	1
<b>Vanadium</b>	<b>17</b>		0.28	0.066	mg/Kg	☆	05/19/22 16:29	05/20/22 20:53	1
<b>Zinc</b>	<b>46</b>		1.1	0.49	mg/Kg	☆	05/19/22 16:29	05/20/22 20:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/20/22 11:25	05/23/22 12:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/20/22 11:25	05/23/22 14:20	1

## Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.023</b>		0.017	0.0058	mg/Kg	☆	05/19/22 15:15	05/20/22 08:23	1

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.3</b>		0.2	0.2	SU			05/19/22 19:37	1

# Client Sample Results

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

Job ID: 500-216606-1

**Client Sample ID: ROW-120(4-9)-051322**

**Lab Sample ID: 500-216606-13**

**Date Collected: 05/13/22 10:55**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 85.5**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.025		0.025	0.011	mg/Kg	☼	05/14/22 09:17	05/24/22 18:20	1
Benzene	<0.0025		0.0025	0.00063	mg/Kg	☼	05/14/22 09:17	05/24/22 18:20	1
Bromodichloromethane	<0.0025		0.0025	0.00050	mg/Kg	☼	05/14/22 09:17	05/24/22 18:20	1
Bromoform	<0.0025		0.0025	0.00072	mg/Kg	☼	05/14/22 09:17	05/24/22 18:20	1
Bromomethane	<0.0062		0.0062	0.0023	mg/Kg	☼	05/14/22 09:17	05/24/22 18:20	1
Carbon disulfide	<0.0062		0.0062	0.0013	mg/Kg	☼	05/14/22 09:17	05/24/22 18:20	1
Carbon tetrachloride	<0.0025		0.0025	0.00071	mg/Kg	☼	05/14/22 09:17	05/24/22 18:20	1
Chlorobenzene	<0.0025		0.0025	0.00091	mg/Kg	☼	05/14/22 09:17	05/24/22 18:20	1
Chloroethane	<0.0062		0.0062	0.0018	mg/Kg	☼	05/14/22 09:17	05/24/22 18:20	1
Chloroform	<0.0025		0.0025	0.00085	mg/Kg	☼	05/14/22 09:17	05/24/22 18:20	1
Chloromethane	<0.0062		0.0062	0.0025	mg/Kg	☼	05/14/22 09:17	05/24/22 18:20	1
cis-1,2-Dichloroethene	<0.0025		0.0025	0.00069	mg/Kg	☼	05/14/22 09:17	05/24/22 18:20	1
cis-1,3-Dichloropropene	<0.0025		0.0025	0.00074	mg/Kg	☼	05/14/22 09:17	05/24/22 18:20	1
Dibromochloromethane	<0.0025		0.0025	0.00081	mg/Kg	☼	05/14/22 09:17	05/24/22 18:20	1
1,1-Dichloroethane	<0.0025		0.0025	0.00084	mg/Kg	☼	05/14/22 09:17	05/24/22 18:20	1
1,2-Dichloroethane	<0.0062		0.0062	0.0019	mg/Kg	☼	05/14/22 09:17	05/24/22 18:20	1
1,1-Dichloroethene	<0.0025		0.0025	0.00085	mg/Kg	☼	05/14/22 09:17	05/24/22 18:20	1
1,2-Dichloropropane	<0.0025		0.0025	0.00064	mg/Kg	☼	05/14/22 09:17	05/24/22 18:20	1
1,3-Dichloropropene, Total	<0.0025		0.0025	0.00086	mg/Kg	☼	05/14/22 09:17	05/24/22 18:20	1
Ethylbenzene	<0.0025		0.0025	0.0012	mg/Kg	☼	05/14/22 09:17	05/24/22 18:20	1
2-Hexanone	<0.0062		0.0062	0.0019	mg/Kg	☼	05/14/22 09:17	05/24/22 18:20	1
Methylene Chloride	<0.0062		0.0062	0.0024	mg/Kg	☼	05/14/22 09:17	05/24/22 18:20	1
Methyl Ethyl Ketone	<0.0062		0.0062	0.0027	mg/Kg	☼	05/14/22 09:17	05/24/22 18:20	1
methyl isobutyl ketone	<0.0062		0.0062	0.0018	mg/Kg	☼	05/14/22 09:17	05/24/22 18:20	1
Methyl tert-butyl ether	<0.0025		0.0025	0.00072	mg/Kg	☼	05/14/22 09:17	05/24/22 18:20	1
Styrene	<0.0025		0.0025	0.00074	mg/Kg	☼	05/14/22 09:17	05/24/22 18:20	1
1,1,2,2-Tetrachloroethane	<0.0025		0.0025	0.00079	mg/Kg	☼	05/14/22 09:17	05/24/22 18:20	1
Tetrachloroethene	<0.0025		0.0025	0.00084	mg/Kg	☼	05/14/22 09:17	05/24/22 18:20	1
Toluene	<0.0025		0.0025	0.00062	mg/Kg	☼	05/14/22 09:17	05/24/22 18:20	1
trans-1,2-Dichloroethene	<0.0025		0.0025	0.0011	mg/Kg	☼	05/14/22 09:17	05/24/22 18:20	1
trans-1,3-Dichloropropene	<0.0025		0.0025	0.00086	mg/Kg	☼	05/14/22 09:17	05/24/22 18:20	1
1,1,1-Trichloroethane	<0.0025		0.0025	0.00083	mg/Kg	☼	05/14/22 09:17	05/24/22 18:20	1
1,1,2-Trichloroethane	<0.0025		0.0025	0.0011	mg/Kg	☼	05/14/22 09:17	05/24/22 18:20	1
Trichloroethene	<0.0025		0.0025	0.00083	mg/Kg	☼	05/14/22 09:17	05/24/22 18:20	1
Vinyl chloride	<0.0025		0.0025	0.0011	mg/Kg	☼	05/14/22 09:17	05/24/22 18:20	1
Xylenes, Total	<0.0049		0.0049	0.00079	mg/Kg	☼	05/14/22 09:17	05/24/22 18:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		75 - 131	05/14/22 09:17	05/24/22 18:20	1
Dibromofluoromethane (Surr)	110		75 - 126	05/14/22 09:17	05/24/22 18:20	1
1,2-Dichloroethane-d4 (Surr)	119		70 - 134	05/14/22 09:17	05/24/22 18:20	1
Toluene-d8 (Surr)	104		75 - 124	05/14/22 09:17	05/24/22 18:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	☼	05/26/22 06:07	05/26/22 22:17	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	☼	05/26/22 06:07	05/26/22 22:17	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	☼	05/26/22 06:07	05/26/22 22:17	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	☼	05/26/22 06:07	05/26/22 22:17	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	☼	05/26/22 06:07	05/26/22 22:17	1

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# Client Sample Results

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

Job ID: 500-216606-1

**Client Sample ID: ROW-120(4-9)-051322**

**Lab Sample ID: 500-216606-13**

**Date Collected: 05/13/22 10:55**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 85.5**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.086	mg/Kg	✳	05/26/22 06:07	05/26/22 22:17	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	✳	05/26/22 06:07	05/26/22 22:17	1
2,4-Dichlorophenol	<0.38		0.38	0.090	mg/Kg	✳	05/26/22 06:07	05/26/22 22:17	1
2,4-Dimethylphenol	<0.38		0.38	0.14	mg/Kg	✳	05/26/22 06:07	05/26/22 22:17	1
2,4-Dinitrophenol	<0.76		0.76	0.67	mg/Kg	✳	05/26/22 06:07	05/26/22 22:17	1
2,4-Dinitrotoluene	<0.19		0.19	0.060	mg/Kg	✳	05/26/22 06:07	05/26/22 22:17	1
2,6-Dinitrotoluene	<0.19		0.19	0.074	mg/Kg	✳	05/26/22 06:07	05/26/22 22:17	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	✳	05/26/22 06:07	05/26/22 22:17	1
2-Chlorophenol	<0.19		0.19	0.065	mg/Kg	✳	05/26/22 06:07	05/26/22 22:17	1
2-Methylnaphthalene	<0.076		0.076	0.0070	mg/Kg	✳	05/26/22 06:07	05/26/22 22:17	1
2-Methylphenol	<0.19		0.19	0.061	mg/Kg	✳	05/26/22 06:07	05/26/22 22:17	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	✳	05/26/22 06:07	05/26/22 22:17	1
2-Nitrophenol	<0.38		0.38	0.089	mg/Kg	✳	05/26/22 06:07	05/26/22 22:17	1
3 & 4 Methylphenol	<0.19		0.19	0.063	mg/Kg	✳	05/26/22 06:07	05/26/22 22:17	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.053	mg/Kg	✳	05/26/22 06:07	05/26/22 22:17	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	✳	05/26/22 06:07	05/26/22 22:17	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.30	mg/Kg	✳	05/26/22 06:07	05/26/22 22:17	1
4-Bromophenyl phenyl ether	<0.19	+	0.19	0.050	mg/Kg	✳	05/26/22 06:07	05/26/22 22:17	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	✳	05/26/22 06:07	05/26/22 22:17	1
4-Chloroaniline	<0.76		0.76	0.18	mg/Kg	✳	05/26/22 06:07	05/26/22 22:17	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	✳	05/26/22 06:07	05/26/22 22:17	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	✳	05/26/22 06:07	05/26/22 22:17	1
4-Nitrophenol	<0.76		0.76	0.36	mg/Kg	✳	05/26/22 06:07	05/26/22 22:17	1
Acenaphthene	<0.038		0.038	0.0068	mg/Kg	✳	05/26/22 06:07	05/26/22 22:17	1
Acenaphthylene	<0.038		0.038	0.0050	mg/Kg	✳	05/26/22 06:07	05/26/22 22:17	1
Anthracene	<0.038		0.038	0.0063	mg/Kg	✳	05/26/22 06:07	05/26/22 22:17	1
Benzo[a]anthracene	<0.038		0.038	0.0051	mg/Kg	✳	05/26/22 06:07	05/26/22 22:17	1
Benzo[a]pyrene	<0.038		0.038	0.0073	mg/Kg	✳	05/26/22 06:07	05/26/22 22:17	1
<b>Benzo[b]fluoranthene</b>	<b>0.0087</b>	<b>J</b>	0.038	0.0082	mg/Kg	✳	05/26/22 06:07	05/26/22 22:17	1
Benzo[g,h,i]perylene	<0.038		0.038	0.012	mg/Kg	✳	05/26/22 06:07	05/26/22 22:17	1
Benzo[k]fluoranthene	<0.038		0.038	0.011	mg/Kg	✳	05/26/22 06:07	05/26/22 22:17	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	✳	05/26/22 06:07	05/26/22 22:17	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.057	mg/Kg	✳	05/26/22 06:07	05/26/22 22:17	1
<b>Bis(2-ethylhexyl) phthalate</b>	<b>0.085</b>	<b>J</b>	0.19	0.069	mg/Kg	✳	05/26/22 06:07	05/26/22 22:17	1
Butyl benzyl phthalate	<0.19		0.19	0.072	mg/Kg	✳	05/26/22 06:07	05/26/22 22:17	1
Carbazole	<0.19		0.19	0.095	mg/Kg	✳	05/26/22 06:07	05/26/22 22:17	1
<b>Chrysene</b>	<b>0.013</b>	<b>J</b>	0.038	0.010	mg/Kg	✳	05/26/22 06:07	05/26/22 22:17	1
Dibenz(a,h)anthracene	<0.038		0.038	0.0073	mg/Kg	✳	05/26/22 06:07	05/26/22 22:17	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	✳	05/26/22 06:07	05/26/22 22:17	1
Diethyl phthalate	<0.19		0.19	0.064	mg/Kg	✳	05/26/22 06:07	05/26/22 22:17	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	✳	05/26/22 06:07	05/26/22 22:17	1
Di-n-butyl phthalate	<0.19		0.19	0.058	mg/Kg	✳	05/26/22 06:07	05/26/22 22:17	1
Di-n-octyl phthalate	<0.19		0.19	0.062	mg/Kg	✳	05/26/22 06:07	05/26/22 22:17	1
Fluoranthene	<0.038		0.038	0.0070	mg/Kg	✳	05/26/22 06:07	05/26/22 22:17	1
Fluorene	<0.038		0.038	0.0053	mg/Kg	✳	05/26/22 06:07	05/26/22 22:17	1
Hexachlorobenzene	<0.076	+	0.076	0.0088	mg/Kg	✳	05/26/22 06:07	05/26/22 22:17	1
Hexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	✳	05/26/22 06:07	05/26/22 22:17	1
Hexachlorocyclopentadiene	<0.76		0.76	0.22	mg/Kg	✳	05/26/22 06:07	05/26/22 22:17	1
Hexachloroethane	<0.19		0.19	0.058	mg/Kg	✳	05/26/22 06:07	05/26/22 22:17	1

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# Client Sample Results

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

Job ID: 500-216606-1

**Client Sample ID: ROW-120(4-9)-051322**

**Lab Sample ID: 500-216606-13**

Date Collected: 05/13/22 10:55

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 85.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.038		0.038	0.0098	mg/Kg	☼	05/26/22 06:07	05/26/22 22:17	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	05/26/22 06:07	05/26/22 22:17	1
Naphthalene	<0.038		0.038	0.0058	mg/Kg	☼	05/26/22 06:07	05/26/22 22:17	1
Nitrobenzene	<0.038		0.038	0.0094	mg/Kg	☼	05/26/22 06:07	05/26/22 22:17	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.046	mg/Kg	☼	05/26/22 06:07	05/26/22 22:17	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	☼	05/26/22 06:07	05/26/22 22:17	1
Pentachlorophenol	<0.76		0.76	0.61	mg/Kg	☼	05/26/22 06:07	05/26/22 22:17	1
<b>Phenanthrene</b>	<b>0.014</b>	<b>J</b>	0.038	0.0053	mg/Kg	☼	05/26/22 06:07	05/26/22 22:17	1
Phenol	<0.19		0.19	0.084	mg/Kg	☼	05/26/22 06:07	05/26/22 22:17	1
<b>Pyrene</b>	<b>0.018</b>	<b>J</b>	0.038	0.0075	mg/Kg	☼	05/26/22 06:07	05/26/22 22:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	67		31 - 143				05/26/22 06:07	05/26/22 22:17	1
2-Fluorobiphenyl (Surr)	72		43 - 145				05/26/22 06:07	05/26/22 22:17	1
2-Fluorophenol (Surr)	60		31 - 166				05/26/22 06:07	05/26/22 22:17	1
Nitrobenzene-d5 (Surr)	74		37 - 147				05/26/22 06:07	05/26/22 22:17	1
Phenol-d5 (Surr)	65		30 - 153				05/26/22 06:07	05/26/22 22:17	1
Terphenyl-d14 (Surr)	99		42 - 157				05/26/22 06:07	05/26/22 22:17	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		05/19/22 18:24	05/20/22 23:01	1
<b>Barium</b>	<b>0.41</b>	<b>J</b>	0.50	0.050	mg/L		05/19/22 18:24	05/20/22 23:01	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/19/22 18:24	05/20/22 23:01	1
<b>Cadmium</b>	<b>0.0026</b>	<b>J</b>	0.0050	0.0020	mg/L		05/19/22 18:24	05/20/22 23:01	1
Chromium	<0.025		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 23:01	1
<b>Cobalt</b>	<b>0.072</b>		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 23:01	1
Copper	<0.025		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 23:01	1
Iron	<0.40		0.40	0.20	mg/L		05/19/22 18:24	05/20/22 23:01	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/19/22 18:24	05/23/22 12:29	1
<b>Manganese</b>	<b>5.1</b>		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 23:01	1
<b>Nickel</b>	<b>0.062</b>		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 23:01	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 18:24	05/20/22 23:01	1
Silver	<0.025		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 23:01	1
<b>Zinc</b>	<b>0.043</b>	<b>J</b>	0.50	0.020	mg/L		05/19/22 18:24	05/20/22 23:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.060</b>		0.050	0.010	mg/L		05/19/22 18:27	05/23/22 15:51	1
<b>Barium</b>	<b>0.14</b>	<b>J</b>	0.50	0.050	mg/L		05/19/22 18:27	05/23/22 15:51	1
<b>Beryllium</b>	<b>0.0043</b>		0.0040	0.0040	mg/L		05/19/22 18:27	05/23/22 15:51	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/19/22 18:27	05/23/22 15:51	1
<b>Chromium</b>	<b>0.088</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:51	1
<b>Cobalt</b>	<b>0.026</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:51	1
<b>Copper</b>	<b>0.13</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:51	1
<b>Iron</b>	<b>120</b>		0.40	0.20	mg/L		05/19/22 18:27	05/23/22 15:51	1
<b>Lead</b>	<b>0.044</b>		0.0075	0.0075	mg/L		05/19/22 18:27	05/23/22 15:51	1
<b>Manganese</b>	<b>0.33</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:51	1
<b>Nickel</b>	<b>0.093</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:51	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 18:27	05/23/22 15:51	1

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# Client Sample Results

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

Job ID: 500-216606-1

**Client Sample ID: ROW-120(4-9)-051322**

**Lab Sample ID: 500-216606-13**

Date Collected: 05/13/22 10:55

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 85.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:51	1
<b>Zinc</b>	<b>0.25</b>	<b>J</b>	0.50	0.020	mg/L		05/19/22 18:27	05/23/22 15:51	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4400		11	4.6	mg/Kg	☆	05/19/22 16:29	05/20/22 20:56	1
Antimony	0.44	J	1.1	0.22	mg/Kg	☆	05/19/22 16:29	05/20/22 20:56	1
Arsenic	5.1		0.57	0.19	mg/Kg	☆	05/19/22 16:29	05/20/22 20:56	1
Barium	21		2.8	0.32	mg/Kg	☆	05/19/22 16:29	05/23/22 13:23	5
Beryllium	0.43		0.23	0.053	mg/Kg	☆	05/19/22 16:29	05/20/22 20:56	1
Cadmium	0.070	J B	0.11	0.020	mg/Kg	☆	05/19/22 16:29	05/20/22 20:56	1
Calcium	150000	B	57	9.6	mg/Kg	☆	05/19/22 16:29	05/23/22 13:23	5
Chromium	7.9	B	0.57	0.28	mg/Kg	☆	05/19/22 16:29	05/20/22 20:56	1
Cobalt	6.0		0.28	0.075	mg/Kg	☆	05/19/22 16:29	05/20/22 20:56	1
Copper	11	B	0.57	0.16	mg/Kg	☆	05/19/22 16:29	05/20/22 20:56	1
Iron	13000		57	30	mg/Kg	☆	05/19/22 16:29	05/23/22 13:23	5
Lead	6.6		0.28	0.13	mg/Kg	☆	05/19/22 16:29	05/20/22 20:56	1
Magnesium	90000		28	14	mg/Kg	☆	05/19/22 16:29	05/23/22 13:23	5
Manganese	330		0.57	0.082	mg/Kg	☆	05/19/22 16:29	05/20/22 20:56	1
Nickel	14		0.57	0.17	mg/Kg	☆	05/19/22 16:29	05/20/22 20:56	1
Potassium	1300		28	10	mg/Kg	☆	05/19/22 16:29	05/20/22 20:56	1
Selenium	<0.57		0.57	0.33	mg/Kg	☆	05/19/22 16:29	05/20/22 20:56	1
Silver	<0.28		0.28	0.073	mg/Kg	☆	05/19/22 16:29	05/20/22 20:56	1
Sodium	390		57	8.4	mg/Kg	☆	05/19/22 16:29	05/20/22 20:56	1
Thallium	<0.57		0.57	0.28	mg/Kg	☆	05/19/22 16:29	05/20/22 20:56	1
Vanadium	12		0.28	0.067	mg/Kg	☆	05/19/22 16:29	05/20/22 20:56	1
Zinc	25		1.1	0.50	mg/Kg	☆	05/19/22 16:29	05/20/22 20:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/20/22 11:25	05/23/22 12:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/20/22 11:25	05/23/22 14:22	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.022		0.018	0.0059	mg/Kg	☆	05/19/22 15:15	05/20/22 08:29	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.1		0.2	0.2	SU			05/19/22 19:40	1

# Client Sample Results

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

Job ID: 500-216606-1

**Client Sample ID: ROW-122(0-4)-051322**

**Lab Sample ID: 500-216606-14**

**Date Collected: 05/13/22 11:00**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 84.5**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>0.016</b>	<b>J</b>	0.017	0.0074	mg/Kg	☼	05/14/22 09:17	05/24/22 18:45	1
Benzene	<0.0017		0.0017	0.00044	mg/Kg	☼	05/14/22 09:17	05/24/22 18:45	1
Bromodichloromethane	<0.0017		0.0017	0.00035	mg/Kg	☼	05/14/22 09:17	05/24/22 18:45	1
Bromoform	<0.0017		0.0017	0.00050	mg/Kg	☼	05/14/22 09:17	05/24/22 18:45	1
Bromomethane	<0.0043		0.0043	0.0016	mg/Kg	☼	05/14/22 09:17	05/24/22 18:45	1
Carbon disulfide	<0.0043		0.0043	0.00089	mg/Kg	☼	05/14/22 09:17	05/24/22 18:45	1
Carbon tetrachloride	<0.0017		0.0017	0.00050	mg/Kg	☼	05/14/22 09:17	05/24/22 18:45	1
Chlorobenzene	<0.0017		0.0017	0.00063	mg/Kg	☼	05/14/22 09:17	05/24/22 18:45	1
Chloroethane	<0.0043		0.0043	0.0013	mg/Kg	☼	05/14/22 09:17	05/24/22 18:45	1
Chloroform	<0.0017		0.0017	0.00059	mg/Kg	☼	05/14/22 09:17	05/24/22 18:45	1
Chloromethane	<0.0043		0.0043	0.0017	mg/Kg	☼	05/14/22 09:17	05/24/22 18:45	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00048	mg/Kg	☼	05/14/22 09:17	05/24/22 18:45	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00052	mg/Kg	☼	05/14/22 09:17	05/24/22 18:45	1
Dibromochloromethane	<0.0017		0.0017	0.00056	mg/Kg	☼	05/14/22 09:17	05/24/22 18:45	1
1,1-Dichloroethane	<0.0017		0.0017	0.00059	mg/Kg	☼	05/14/22 09:17	05/24/22 18:45	1
1,2-Dichloroethane	<0.0043		0.0043	0.0013	mg/Kg	☼	05/14/22 09:17	05/24/22 18:45	1
1,1-Dichloroethene	<0.0017		0.0017	0.00059	mg/Kg	☼	05/14/22 09:17	05/24/22 18:45	1
1,2-Dichloropropane	<0.0017		0.0017	0.00044	mg/Kg	☼	05/14/22 09:17	05/24/22 18:45	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00060	mg/Kg	☼	05/14/22 09:17	05/24/22 18:45	1
Ethylbenzene	<0.0017		0.0017	0.00082	mg/Kg	☼	05/14/22 09:17	05/24/22 18:45	1
2-Hexanone	<0.0043		0.0043	0.0013	mg/Kg	☼	05/14/22 09:17	05/24/22 18:45	1
Methylene Chloride	<0.0043		0.0043	0.0017	mg/Kg	☼	05/14/22 09:17	05/24/22 18:45	1
<b>Methyl Ethyl Ketone</b>	<b>0.0029</b>	<b>J</b>	0.0043	0.0019	mg/Kg	☼	05/14/22 09:17	05/24/22 18:45	1
methyl isobutyl ketone	<0.0043		0.0043	0.0013	mg/Kg	☼	05/14/22 09:17	05/24/22 18:45	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00050	mg/Kg	☼	05/14/22 09:17	05/24/22 18:45	1
Styrene	<0.0017		0.0017	0.00052	mg/Kg	☼	05/14/22 09:17	05/24/22 18:45	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00055	mg/Kg	☼	05/14/22 09:17	05/24/22 18:45	1
Tetrachloroethene	<0.0017		0.0017	0.00058	mg/Kg	☼	05/14/22 09:17	05/24/22 18:45	1
Toluene	<0.0017		0.0017	0.00043	mg/Kg	☼	05/14/22 09:17	05/24/22 18:45	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00076	mg/Kg	☼	05/14/22 09:17	05/24/22 18:45	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00060	mg/Kg	☼	05/14/22 09:17	05/24/22 18:45	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00057	mg/Kg	☼	05/14/22 09:17	05/24/22 18:45	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00073	mg/Kg	☼	05/14/22 09:17	05/24/22 18:45	1
Trichloroethene	<0.0017		0.0017	0.00058	mg/Kg	☼	05/14/22 09:17	05/24/22 18:45	1
Vinyl chloride	<0.0017		0.0017	0.00076	mg/Kg	☼	05/14/22 09:17	05/24/22 18:45	1
Xylenes, Total	<0.0034		0.0034	0.00055	mg/Kg	☼	05/14/22 09:17	05/24/22 18:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		75 - 131	05/14/22 09:17	05/24/22 18:45	1
Dibromofluoromethane (Surr)	105		75 - 126	05/14/22 09:17	05/24/22 18:45	1
1,2-Dichloroethane-d4 (Surr)	116		70 - 134	05/14/22 09:17	05/24/22 18:45	1
Toluene-d8 (Surr)	100		75 - 124	05/14/22 09:17	05/24/22 18:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.042	mg/Kg	☼	05/26/22 06:07	05/26/22 22:38	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	05/26/22 06:07	05/26/22 22:38	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	05/26/22 06:07	05/26/22 22:38	1
1,4-Dichlorobenzene	<0.20		0.20	0.050	mg/Kg	☼	05/26/22 06:07	05/26/22 22:38	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.045	mg/Kg	☼	05/26/22 06:07	05/26/22 22:38	1

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# Client Sample Results

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

Job ID: 500-216606-1

**Client Sample ID: ROW-122(0-4)-051322**

**Lab Sample ID: 500-216606-14**

**Date Collected: 05/13/22 11:00**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 84.5**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.089	mg/Kg	✳	05/26/22 06:07	05/26/22 22:38	1
2,4,6-Trichlorophenol	<0.39		0.39	0.13	mg/Kg	✳	05/26/22 06:07	05/26/22 22:38	1
2,4-Dichlorophenol	<0.39		0.39	0.093	mg/Kg	✳	05/26/22 06:07	05/26/22 22:38	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	✳	05/26/22 06:07	05/26/22 22:38	1
2,4-Dinitrophenol	<0.79		0.79	0.69	mg/Kg	✳	05/26/22 06:07	05/26/22 22:38	1
2,4-Dinitrotoluene	<0.20		0.20	0.062	mg/Kg	✳	05/26/22 06:07	05/26/22 22:38	1
2,6-Dinitrotoluene	<0.20		0.20	0.077	mg/Kg	✳	05/26/22 06:07	05/26/22 22:38	1
2-Chloronaphthalene	<0.20		0.20	0.043	mg/Kg	✳	05/26/22 06:07	05/26/22 22:38	1
2-Chlorophenol	<0.20		0.20	0.067	mg/Kg	✳	05/26/22 06:07	05/26/22 22:38	1
2-Methylnaphthalene	<0.079		0.079	0.0072	mg/Kg	✳	05/26/22 06:07	05/26/22 22:38	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	✳	05/26/22 06:07	05/26/22 22:38	1
2-Nitroaniline	<0.20		0.20	0.052	mg/Kg	✳	05/26/22 06:07	05/26/22 22:38	1
2-Nitrophenol	<0.39		0.39	0.092	mg/Kg	✳	05/26/22 06:07	05/26/22 22:38	1
3 & 4 Methylphenol	<0.20		0.20	0.065	mg/Kg	✳	05/26/22 06:07	05/26/22 22:38	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	✳	05/26/22 06:07	05/26/22 22:38	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	✳	05/26/22 06:07	05/26/22 22:38	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.31	mg/Kg	✳	05/26/22 06:07	05/26/22 22:38	1
4-Bromophenyl phenyl ether	<0.20	*+	0.20	0.051	mg/Kg	✳	05/26/22 06:07	05/26/22 22:38	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	✳	05/26/22 06:07	05/26/22 22:38	1
4-Chloroaniline	<0.79		0.79	0.18	mg/Kg	✳	05/26/22 06:07	05/26/22 22:38	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	✳	05/26/22 06:07	05/26/22 22:38	1
4-Nitroaniline	<0.39		0.39	0.16	mg/Kg	✳	05/26/22 06:07	05/26/22 22:38	1
4-Nitrophenol	<0.79		0.79	0.37	mg/Kg	✳	05/26/22 06:07	05/26/22 22:38	1
<b>Acenaphthene</b>	<b>0.0077</b>	<b>J</b>	0.039	0.0070	mg/Kg	✳	05/26/22 06:07	05/26/22 22:38	1
Acenaphthylene	<0.039		0.039	0.0051	mg/Kg	✳	05/26/22 06:07	05/26/22 22:38	1
Anthracene	<0.039		0.039	0.0065	mg/Kg	✳	05/26/22 06:07	05/26/22 22:38	1
Benzo[a]anthracene	<0.039		0.039	0.0052	mg/Kg	✳	05/26/22 06:07	05/26/22 22:38	1
Benzo[a]pyrene	<0.039		0.039	0.0075	mg/Kg	✳	05/26/22 06:07	05/26/22 22:38	1
<b>Benzo[b]fluoranthene</b>	<b>0.012</b>	<b>J</b>	0.039	0.0084	mg/Kg	✳	05/26/22 06:07	05/26/22 22:38	1
Benzo[g,h,i]perylene	<0.039		0.039	0.013	mg/Kg	✳	05/26/22 06:07	05/26/22 22:38	1
Benzo[k]fluoranthene	<0.039		0.039	0.011	mg/Kg	✳	05/26/22 06:07	05/26/22 22:38	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	✳	05/26/22 06:07	05/26/22 22:38	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.058	mg/Kg	✳	05/26/22 06:07	05/26/22 22:38	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.071	mg/Kg	✳	05/26/22 06:07	05/26/22 22:38	1
Butyl benzyl phthalate	<0.20		0.20	0.074	mg/Kg	✳	05/26/22 06:07	05/26/22 22:38	1
Carbazole	<0.20		0.20	0.097	mg/Kg	✳	05/26/22 06:07	05/26/22 22:38	1
<b>Chrysene</b>	<b>0.015</b>	<b>J</b>	0.039	0.011	mg/Kg	✳	05/26/22 06:07	05/26/22 22:38	1
Dibenz(a,h)anthracene	<0.039		0.039	0.0075	mg/Kg	✳	05/26/22 06:07	05/26/22 22:38	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	✳	05/26/22 06:07	05/26/22 22:38	1
Diethyl phthalate	<0.20		0.20	0.066	mg/Kg	✳	05/26/22 06:07	05/26/22 22:38	1
Dimethyl phthalate	<0.20		0.20	0.051	mg/Kg	✳	05/26/22 06:07	05/26/22 22:38	1
Di-n-butyl phthalate	<0.20		0.20	0.059	mg/Kg	✳	05/26/22 06:07	05/26/22 22:38	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	✳	05/26/22 06:07	05/26/22 22:38	1
<b>Fluoranthene</b>	<b>0.075</b>		0.039	0.0072	mg/Kg	✳	05/26/22 06:07	05/26/22 22:38	1
<b>Fluorene</b>	<b>0.018</b>	<b>J</b>	0.039	0.0055	mg/Kg	✳	05/26/22 06:07	05/26/22 22:38	1
Hexachlorobenzene	<0.079	*+	0.079	0.0090	mg/Kg	✳	05/26/22 06:07	05/26/22 22:38	1
Hexachlorobutadiene	<0.20		0.20	0.061	mg/Kg	✳	05/26/22 06:07	05/26/22 22:38	1
Hexachlorocyclopentadiene	<0.79		0.79	0.22	mg/Kg	✳	05/26/22 06:07	05/26/22 22:38	1
Hexachloroethane	<0.20		0.20	0.059	mg/Kg	✳	05/26/22 06:07	05/26/22 22:38	1

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# Client Sample Results

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

Job ID: 500-216606-1

**Client Sample ID: ROW-122(0-4)-051322**

**Lab Sample ID: 500-216606-14**

**Date Collected: 05/13/22 11:00**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 84.5**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.039		0.039	0.010	mg/Kg	☼	05/26/22 06:07	05/26/22 22:38	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	05/26/22 06:07	05/26/22 22:38	1
Naphthalene	<0.039		0.039	0.0060	mg/Kg	☼	05/26/22 06:07	05/26/22 22:38	1
Nitrobenzene	<0.039		0.039	0.0097	mg/Kg	☼	05/26/22 06:07	05/26/22 22:38	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.048	mg/Kg	☼	05/26/22 06:07	05/26/22 22:38	1
N-Nitrosodiphenylamine	<0.20		0.20	0.046	mg/Kg	☼	05/26/22 06:07	05/26/22 22:38	1
Pentachlorophenol	<0.79		0.79	0.63	mg/Kg	☼	05/26/22 06:07	05/26/22 22:38	1
<b>Phenanthrene</b>	<b>0.043</b>		0.039	0.0054	mg/Kg	☼	05/26/22 06:07	05/26/22 22:38	1
Phenol	<0.20		0.20	0.087	mg/Kg	☼	05/26/22 06:07	05/26/22 22:38	1
<b>Pyrene</b>	<b>0.074</b>		0.039	0.0077	mg/Kg	☼	05/26/22 06:07	05/26/22 22:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	67		31 - 143				05/26/22 06:07	05/26/22 22:38	1
2-Fluorobiphenyl (Surr)	68		43 - 145				05/26/22 06:07	05/26/22 22:38	1
2-Fluorophenol (Surr)	62		31 - 166				05/26/22 06:07	05/26/22 22:38	1
Nitrobenzene-d5 (Surr)	69		37 - 147				05/26/22 06:07	05/26/22 22:38	1
Phenol-d5 (Surr)	67		30 - 153				05/26/22 06:07	05/26/22 22:38	1
Terphenyl-d14 (Surr)	104		42 - 157				05/26/22 06:07	05/26/22 22:38	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		05/19/22 18:24	05/20/22 22:03	1
<b>Barium</b>	<b>0.60</b>		0.50	0.050	mg/L		05/19/22 18:24	05/20/22 22:03	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/19/22 18:24	05/20/22 22:03	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/19/22 18:24	05/20/22 22:03	1
Chromium	<0.025		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 22:03	1
<b>Cobalt</b>	<b>0.048</b>		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 22:03	1
Copper	<0.025		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 22:03	1
<b>Iron</b>	<b>0.44</b>		0.40	0.20	mg/L		05/19/22 18:24	05/20/22 22:03	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/19/22 18:24	05/20/22 22:03	1
<b>Manganese</b>	<b>10</b>		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 22:03	1
<b>Nickel</b>	<b>0.054</b>		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 22:03	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 18:24	05/20/22 22:03	1
Silver	<0.025		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 22:03	1
<b>Zinc</b>	<b>0.027 J</b>		0.50	0.020	mg/L		05/19/22 18:24	05/20/22 22:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.087</b>		0.050	0.010	mg/L		05/19/22 18:27	05/23/22 15:54	1
<b>Barium</b>	<b>0.47 J</b>		0.50	0.050	mg/L		05/19/22 18:27	05/23/22 15:54	1
<b>Beryllium</b>	<b>0.0083</b>		0.0040	0.0040	mg/L		05/19/22 18:27	05/23/22 15:54	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/19/22 18:27	05/23/22 15:54	1
<b>Chromium</b>	<b>0.15</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:54	1
<b>Cobalt</b>	<b>0.069</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:54	1
<b>Copper</b>	<b>0.21</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:54	1
<b>Iron</b>	<b>190</b>		0.40	0.20	mg/L		05/19/22 18:27	05/23/22 15:54	1
<b>Lead</b>	<b>0.12</b>		0.0075	0.0075	mg/L		05/19/22 18:27	05/23/22 15:54	1
<b>Manganese</b>	<b>1.7</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:54	1
<b>Nickel</b>	<b>0.19</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:54	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 18:27	05/23/22 15:54	1

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# Client Sample Results

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

Job ID: 500-216606-1

**Client Sample ID: ROW-122(0-4)-051322**

**Lab Sample ID: 500-216606-14**

Date Collected: 05/13/22 11:00

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 84.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:54	1
<b>Zinc</b>	<b>0.42</b>	<b>J</b>	0.50	0.020	mg/L		05/19/22 18:27	05/23/22 15:54	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>8300</b>		12	4.7	mg/Kg	☆	05/19/22 16:29	05/20/22 21:00	1
<b>Antimony</b>	<b>0.65</b>	<b>J</b>	1.2	0.23	mg/Kg	☆	05/19/22 16:29	05/20/22 21:00	1
<b>Arsenic</b>	<b>7.6</b>		0.58	0.20	mg/Kg	☆	05/19/22 16:29	05/20/22 21:00	1
<b>Barium</b>	<b>41</b>		0.58	0.066	mg/Kg	☆	05/19/22 16:29	05/20/22 21:00	1
<b>Beryllium</b>	<b>0.69</b>		0.23	0.054	mg/Kg	☆	05/19/22 16:29	05/20/22 21:00	1
Cadmium	<0.12		0.12	0.021	mg/Kg	☆	05/19/22 16:29	05/20/22 21:00	1
<b>Calcium</b>	<b>56000</b>	<b>B</b>	58	9.8	mg/Kg	☆	05/19/22 16:29	05/23/22 13:27	5
<b>Chromium</b>	<b>13</b>	<b>B</b>	0.58	0.29	mg/Kg	☆	05/19/22 16:29	05/20/22 21:00	1
<b>Cobalt</b>	<b>11</b>		0.29	0.076	mg/Kg	☆	05/19/22 16:29	05/20/22 21:00	1
<b>Copper</b>	<b>20</b>	<b>B</b>	0.58	0.16	mg/Kg	☆	05/19/22 16:29	05/20/22 21:00	1
<b>Iron</b>	<b>18000</b>		12	6.0	mg/Kg	☆	05/19/22 16:29	05/20/22 21:00	1
<b>Lead</b>	<b>14</b>		0.29	0.13	mg/Kg	☆	05/19/22 16:29	05/20/22 21:00	1
<b>Magnesium</b>	<b>23000</b>		5.8	2.9	mg/Kg	☆	05/19/22 16:29	05/20/22 21:00	1
<b>Manganese</b>	<b>440</b>		0.58	0.084	mg/Kg	☆	05/19/22 16:29	05/20/22 21:00	1
<b>Nickel</b>	<b>27</b>		0.58	0.17	mg/Kg	☆	05/19/22 16:29	05/20/22 21:00	1
<b>Potassium</b>	<b>1600</b>		29	10	mg/Kg	☆	05/19/22 16:29	05/20/22 21:00	1
Selenium	<0.58		0.58	0.34	mg/Kg	☆	05/19/22 16:29	05/20/22 21:00	1
<b>Silver</b>	<b>0.21</b>	<b>J</b>	0.29	0.075	mg/Kg	☆	05/19/22 16:29	05/20/22 21:00	1
<b>Sodium</b>	<b>1600</b>		58	8.6	mg/Kg	☆	05/19/22 16:29	05/20/22 21:00	1
<b>Thallium</b>	<b>0.55</b>	<b>J</b>	0.58	0.29	mg/Kg	☆	05/19/22 16:29	05/20/22 21:00	1
<b>Vanadium</b>	<b>19</b>		0.29	0.068	mg/Kg	☆	05/19/22 16:29	05/20/22 21:00	1
<b>Zinc</b>	<b>45</b>		1.2	0.51	mg/Kg	☆	05/19/22 16:29	05/20/22 21:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/20/22 11:25	05/23/22 11:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/20/22 11:25	05/23/22 14:25	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.027</b>		0.018	0.0059	mg/Kg	☆	05/19/22 15:15	05/20/22 08:31	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.1</b>		0.2	0.2	SU			05/19/22 19:42	1

# Client Sample Results

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

Job ID: 500-216606-1

**Client Sample ID: ROW-122(4-9)-051322**

**Lab Sample ID: 500-216606-15**

**Date Collected: 05/13/22 11:05**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 78.4**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018	*+	0.018	0.0077	mg/Kg	☼	05/14/22 09:17	05/23/22 18:25	1
Benzene	<0.0018		0.0018	0.00045	mg/Kg	☼	05/14/22 09:17	05/23/22 18:25	1
Bromodichloromethane	<0.0018		0.0018	0.00036	mg/Kg	☼	05/14/22 09:17	05/23/22 18:25	1
Bromoform	<0.0018		0.0018	0.00052	mg/Kg	☼	05/14/22 09:17	05/23/22 18:25	1
Bromomethane	<0.0044		0.0044	0.0017	mg/Kg	☼	05/14/22 09:17	05/23/22 18:25	1
Carbon disulfide	<0.0044		0.0044	0.00092	mg/Kg	☼	05/14/22 09:17	05/23/22 18:25	1
Carbon tetrachloride	<0.0018	*+	0.0018	0.00051	mg/Kg	☼	05/14/22 09:17	05/23/22 18:25	1
Chlorobenzene	<0.0018		0.0018	0.00065	mg/Kg	☼	05/14/22 09:17	05/23/22 18:25	1
Chloroethane	<0.0044		0.0044	0.0013	mg/Kg	☼	05/14/22 09:17	05/23/22 18:25	1
Chloroform	<0.0018		0.0018	0.00061	mg/Kg	☼	05/14/22 09:17	05/23/22 18:25	1
Chloromethane	<0.0044		0.0044	0.0018	mg/Kg	☼	05/14/22 09:17	05/23/22 18:25	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00049	mg/Kg	☼	05/14/22 09:17	05/23/22 18:25	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00053	mg/Kg	☼	05/14/22 09:17	05/23/22 18:25	1
Dibromochloromethane	<0.0018		0.0018	0.00058	mg/Kg	☼	05/14/22 09:17	05/23/22 18:25	1
1,1-Dichloroethane	<0.0018		0.0018	0.00061	mg/Kg	☼	05/14/22 09:17	05/23/22 18:25	1
1,2-Dichloroethane	<0.0044		0.0044	0.0014	mg/Kg	☼	05/14/22 09:17	05/23/22 18:25	1
1,1-Dichloroethene	<0.0018		0.0018	0.00061	mg/Kg	☼	05/14/22 09:17	05/23/22 18:25	1
1,2-Dichloropropane	<0.0018		0.0018	0.00046	mg/Kg	☼	05/14/22 09:17	05/23/22 18:25	1
1,3-Dichloropropane, Total	<0.0018		0.0018	0.00062	mg/Kg	☼	05/14/22 09:17	05/23/22 18:25	1
Ethylbenzene	<0.0018		0.0018	0.00085	mg/Kg	☼	05/14/22 09:17	05/23/22 18:25	1
2-Hexanone	<0.0044		0.0044	0.0014	mg/Kg	☼	05/14/22 09:17	05/23/22 18:25	1
Methylene Chloride	<0.0044		0.0044	0.0017	mg/Kg	☼	05/14/22 09:17	05/23/22 18:25	1
Methyl Ethyl Ketone	<0.0044	*+	0.0044	0.0020	mg/Kg	☼	05/14/22 09:17	05/23/22 18:25	1
methyl isobutyl ketone	<0.0044		0.0044	0.0013	mg/Kg	☼	05/14/22 09:17	05/23/22 18:25	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00052	mg/Kg	☼	05/14/22 09:17	05/23/22 18:25	1
Styrene	<0.0018		0.0018	0.00053	mg/Kg	☼	05/14/22 09:17	05/23/22 18:25	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00057	mg/Kg	☼	05/14/22 09:17	05/23/22 18:25	1
Tetrachloroethene	<0.0018		0.0018	0.00060	mg/Kg	☼	05/14/22 09:17	05/23/22 18:25	1
Toluene	<0.0018		0.0018	0.00045	mg/Kg	☼	05/14/22 09:17	05/23/22 18:25	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00078	mg/Kg	☼	05/14/22 09:17	05/23/22 18:25	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00062	mg/Kg	☼	05/14/22 09:17	05/23/22 18:25	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00059	mg/Kg	☼	05/14/22 09:17	05/23/22 18:25	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00076	mg/Kg	☼	05/14/22 09:17	05/23/22 18:25	1
Trichloroethene	<0.0018	*+	0.0018	0.00060	mg/Kg	☼	05/14/22 09:17	05/23/22 18:25	1
Vinyl chloride	<0.0018		0.0018	0.00078	mg/Kg	☼	05/14/22 09:17	05/23/22 18:25	1
Xylenes, Total	<0.0035		0.0035	0.00057	mg/Kg	☼	05/14/22 09:17	05/23/22 18:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		75 - 131	05/14/22 09:17	05/23/22 18:25	1
Dibromofluoromethane (Surr)	118		75 - 126	05/14/22 09:17	05/23/22 18:25	1
1,2-Dichloroethane-d4 (Surr)	108		70 - 134	05/14/22 09:17	05/23/22 18:25	1
Toluene-d8 (Surr)	113		75 - 124	05/14/22 09:17	05/23/22 18:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.60		0.60	0.13	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
1,2-Dichlorobenzene	<0.60		0.60	0.14	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
1,3-Dichlorobenzene	<0.60		0.60	0.13	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
1,4-Dichlorobenzene	<0.60		0.60	0.15	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
2,2'-oxybis[1-chloropropane]	<0.60		0.60	0.14	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1

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# Client Sample Results

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

Job ID: 500-216606-1

**Client Sample ID: ROW-122(4-9)-051322**

**Lab Sample ID: 500-216606-15**

**Date Collected: 05/13/22 11:05**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 78.4**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<1.2		1.2	0.27	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
2,4,6-Trichlorophenol	<1.2		1.2	0.41	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
2,4-Dichlorophenol	<1.2		1.2	0.28	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
2,4-Dimethylphenol	<1.2		1.2	0.45	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
2,4-Dinitrophenol	<2.4		2.4	2.1	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
2,4-Dinitrotoluene	<0.60		0.60	0.19	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
2,6-Dinitrotoluene	<0.60		0.60	0.23	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
2-Chloronaphthalene	<0.60		0.60	0.13	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
2-Chlorophenol	<0.60		0.60	0.20	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
2-Methylnaphthalene	<0.24		0.24	0.022	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
2-Methylphenol	<0.60		0.60	0.19	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
2-Nitroaniline	<0.60		0.60	0.16	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
2-Nitrophenol	<1.2		1.2	0.28	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
3 & 4 Methylphenol	<0.60		0.60	0.20	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
3,3'-Dichlorobenzidine	<0.60		0.60	0.17	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
3-Nitroaniline	<1.2		1.2	0.37	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
4,6-Dinitro-2-methylphenol	<2.4		2.4	0.96	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
4-Bromophenyl phenyl ether	<0.60	+	0.60	0.16	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
4-Chloro-3-methylphenol	<1.2		1.2	0.40	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
4-Chloroaniline	<2.4		2.4	0.56	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
4-Chlorophenyl phenyl ether	<0.60		0.60	0.14	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
4-Nitroaniline	<1.2		1.2	0.50	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
4-Nitrophenol	<2.4		2.4	1.1	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
Acenaphthene	<0.12		0.12	0.021	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
Acenaphthylene	<0.12		0.12	0.016	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
Anthracene	<0.12		0.12	0.020	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
Benzo[a]anthracene	<0.12		0.12	0.016	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
Benzo[a]pyrene	<0.12		0.12	0.023	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
Benzo[b]fluoranthene	<0.12		0.12	0.026	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
Benzo[g,h,i]perylene	<0.12		0.12	0.038	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
Benzo[k]fluoranthene	<0.12		0.12	0.035	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
Bis(2-chloroethoxy)methane	<0.60		0.60	0.12	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
Bis(2-chloroethyl)ether	<0.60		0.60	0.18	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
Bis(2-ethylhexyl) phthalate	<0.60		0.60	0.22	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
Butyl benzyl phthalate	<0.60		0.60	0.23	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
Carbazole	<0.60		0.60	0.30	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
Chrysene	<0.12		0.12	0.032	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
Dibenz(a,h)anthracene	<0.12		0.12	0.023	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
Dibenzofuran	<0.60		0.60	0.14	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
Diethyl phthalate	<0.60		0.60	0.20	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
Dimethyl phthalate	<0.60		0.60	0.16	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
Di-n-butyl phthalate	<0.60		0.60	0.18	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
Di-n-octyl phthalate	<0.60		0.60	0.19	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
Fluoranthene	<0.12		0.12	0.022	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
Fluorene	<0.12		0.12	0.017	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
Hexachlorobenzene	<0.24	+	0.24	0.028	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
Hexachlorobutadiene	<0.60		0.60	0.19	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
Hexachlorocyclopentadiene	<2.4		2.4	0.68	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
Hexachloroethane	<0.60		0.60	0.18	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1

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# Client Sample Results

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

Job ID: 500-216606-1

**Client Sample ID: ROW-122(4-9)-051322**

**Lab Sample ID: 500-216606-15**

**Date Collected: 05/13/22 11:05**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 78.4**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.12		0.12	0.031	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
Isophorone	<0.60		0.60	0.13	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
Naphthalene	<0.12		0.12	0.018	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
Nitrobenzene	<0.12		0.12	0.030	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
N-Nitrosodi-n-propylamine	<0.24		0.24	0.15	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
N-Nitrosodiphenylamine	<0.60		0.60	0.14	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
Pentachlorophenol	<2.4		2.4	1.9	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
Phenanthrene	<0.12		0.12	0.017	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
Phenol	<0.60		0.60	0.26	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1
Pyrene	<0.12		0.12	0.024	mg/Kg	☼	05/26/22 06:07	05/26/22 22:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	65		31 - 143	05/26/22 06:07	05/26/22 22:58	1
2-Fluorobiphenyl (Surr)	68		43 - 145	05/26/22 06:07	05/26/22 22:58	1
2-Fluorophenol (Surr)	61		31 - 166	05/26/22 06:07	05/26/22 22:58	1
Nitrobenzene-d5 (Surr)	63		37 - 147	05/26/22 06:07	05/26/22 22:58	1
Phenol-d5 (Surr)	65		30 - 153	05/26/22 06:07	05/26/22 22:58	1
Terphenyl-d14 (Surr)	98		42 - 157	05/26/22 06:07	05/26/22 22:58	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		05/19/22 18:24	05/20/22 23:04	1
<b>Barium</b>	<b>0.27</b>	<b>J</b>	0.50	0.050	mg/L		05/19/22 18:24	05/20/22 23:04	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/19/22 18:24	05/20/22 23:04	1
<b>Cadmium</b>	<b>0.0028</b>	<b>J</b>	0.0050	0.0020	mg/L		05/19/22 18:24	05/20/22 23:04	1
Chromium	<0.025		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 23:04	1
<b>Cobalt</b>	<b>0.046</b>		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 23:04	1
Copper	<0.025		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 23:04	1
<b>Iron</b>	<b>0.20</b>	<b>J</b>	0.40	0.20	mg/L		05/19/22 18:24	05/20/22 23:04	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/19/22 18:24	05/23/22 12:32	1
<b>Manganese</b>	<b>3.9</b>		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 23:04	1
<b>Nickel</b>	<b>0.034</b>		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 23:04	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 18:24	05/20/22 23:04	1
Silver	<0.025		0.025	0.010	mg/L		05/19/22 18:24	05/20/22 23:04	1
<b>Zinc</b>	<b>0.026</b>	<b>J</b>	0.50	0.020	mg/L		05/19/22 18:24	05/20/22 23:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.052</b>		0.050	0.010	mg/L		05/19/22 18:27	05/23/22 15:57	1
<b>Barium</b>	<b>0.21</b>	<b>J</b>	0.50	0.050	mg/L		05/19/22 18:27	05/23/22 15:57	1
<b>Beryllium</b>	<b>0.0048</b>		0.0040	0.0040	mg/L		05/19/22 18:27	05/23/22 15:57	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/19/22 18:27	05/23/22 15:57	1
<b>Chromium</b>	<b>0.092</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:57	1
<b>Cobalt</b>	<b>0.024</b>	<b>J</b>	0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:57	1
<b>Copper</b>	<b>0.14</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:57	1
<b>Iron</b>	<b>110</b>		0.40	0.20	mg/L		05/19/22 18:27	05/23/22 15:57	1
<b>Lead</b>	<b>0.056</b>		0.0075	0.0075	mg/L		05/19/22 18:27	05/23/22 15:57	1
<b>Manganese</b>	<b>0.40</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:57	1
<b>Nickel</b>	<b>0.10</b>		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:57	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 18:27	05/23/22 15:57	1

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# Client Sample Results

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

Job ID: 500-216606-1

**Client Sample ID: ROW-122(4-9)-051322**

**Lab Sample ID: 500-216606-15**

Date Collected: 05/13/22 11:05

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 78.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		05/19/22 18:27	05/23/22 15:57	1
<b>Zinc</b>	<b>0.25</b>	<b>J</b>	0.50	0.020	mg/L		05/19/22 18:27	05/23/22 15:57	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>9600</b>		12	4.9	mg/Kg	☆	05/19/22 16:29	05/20/22 21:03	1
<b>Antimony</b>	<b>0.53</b>	<b>J</b>	1.2	0.23	mg/Kg	☆	05/19/22 16:29	05/20/22 21:03	1
<b>Arsenic</b>	<b>6.0</b>		0.60	0.21	mg/Kg	☆	05/19/22 16:29	05/20/22 21:03	1
<b>Barium</b>	<b>30</b>		0.60	0.068	mg/Kg	☆	05/19/22 16:29	05/20/22 21:03	1
<b>Beryllium</b>	<b>0.74</b>		0.24	0.056	mg/Kg	☆	05/19/22 16:29	05/20/22 21:03	1
<b>Cadmium</b>	<b>0.048</b>	<b>J B</b>	0.12	0.022	mg/Kg	☆	05/19/22 16:29	05/20/22 21:03	1
<b>Calcium</b>	<b>73000</b>	<b>B</b>	60	10	mg/Kg	☆	05/19/22 16:29	05/23/22 13:30	5
<b>Chromium</b>	<b>17</b>	<b>B</b>	0.60	0.30	mg/Kg	☆	05/19/22 16:29	05/20/22 21:03	1
<b>Cobalt</b>	<b>8.9</b>		0.30	0.079	mg/Kg	☆	05/19/22 16:29	05/20/22 21:03	1
<b>Copper</b>	<b>21</b>	<b>B</b>	0.60	0.17	mg/Kg	☆	05/19/22 16:29	05/20/22 21:03	1
<b>Iron</b>	<b>17000</b>		12	6.2	mg/Kg	☆	05/19/22 16:29	05/20/22 21:03	1
<b>Lead</b>	<b>13</b>		0.30	0.14	mg/Kg	☆	05/19/22 16:29	05/20/22 21:03	1
<b>Magnesium</b>	<b>25000</b>		6.0	3.0	mg/Kg	☆	05/19/22 16:29	05/20/22 21:03	1
<b>Manganese</b>	<b>300</b>		0.60	0.087	mg/Kg	☆	05/19/22 16:29	05/20/22 21:03	1
<b>Nickel</b>	<b>26</b>		0.60	0.17	mg/Kg	☆	05/19/22 16:29	05/20/22 21:03	1
<b>Potassium</b>	<b>2600</b>		30	11	mg/Kg	☆	05/19/22 16:29	05/20/22 21:03	1
Selenium	<0.60		0.60	0.35	mg/Kg	☆	05/19/22 16:29	05/20/22 21:03	1
<b>Silver</b>	<b>0.21</b>	<b>J</b>	0.30	0.077	mg/Kg	☆	05/19/22 16:29	05/20/22 21:03	1
<b>Sodium</b>	<b>720</b>		60	8.9	mg/Kg	☆	05/19/22 16:29	05/20/22 21:03	1
<b>Thallium</b>	<b>0.40</b>	<b>J</b>	0.60	0.30	mg/Kg	☆	05/19/22 16:29	05/20/22 21:03	1
<b>Vanadium</b>	<b>19</b>		0.30	0.071	mg/Kg	☆	05/19/22 16:29	05/20/22 21:03	1
<b>Zinc</b>	<b>46</b>		1.2	0.53	mg/Kg	☆	05/19/22 16:29	05/20/22 21:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/20/22 11:25	05/23/22 12:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/20/22 11:25	05/23/22 14:27	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.026</b>		0.019	0.0064	mg/Kg	☆	05/19/22 15:15	05/20/22 08:32	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.7</b>		0.2	0.2	SU			05/19/22 19:45	1

# Definitions/Glossary

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

Job ID: 500-216606-1

## 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.

### GC/MS Semi VOA

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

### Metals

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

## Glossary

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

# Definitions/Glossary

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

Job ID: 500-216606-1

## 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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Address: \_\_\_\_\_

Regulatory Program:  DW  NPDES  RCRA  Other

<b>Client Contact</b> Company Name: <u>Weston Solutions</u> Address: <u>300 Knightsbridge Pkwy Ste 200</u> City/State/Zip: <u>Lincolnshire, IL 60069</u> Phone: _____ Fax: _____ Project Name: <u>IDOT 019</u> Site: <u>2-80</u> P O #: _____		<b>Project Manager</b> <u>A. Slesers</u> Tel/Email: _____		<b>Site Contact</b> <u>C. Pucci</u> Lab Contact: <u>R. Wright</u>		Date: <u>5-13-22</u> Carrier: _____		COC No: _____ 1 of 4 COCs			
<b>Analysis Turnaround Time</b> <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____ <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day				Filtered Sample (Y/N) Perform MS/MSD (Y/N) VOCs SVOCs Total Metals TCLP/SPLP Metals pH		500-216606 COC 		Sampler: _____ For Lab Use Only: Walk-in Client <input type="checkbox"/> Lab Sampling <input type="checkbox"/>			
<b>Sample Identification</b>								Job / SDG No <u>500-216606</u>		Sample Specific Notes	
Sample Date Sample Time Sample Type (C=Comp, G=Grab) Matrix # of Cont.		Row - 109 (0-4) - 051322 Row - 109 (4-9) - 051322 Row - 115 (0-4) - 051322 Row - 115 (4-9) - 051322 Row - 105 (4-9) - 051322 Row - 104 (0-4) - 051322 Row - 104 (4-9) - 051322 Row - 110 (0-4) - 051322 Row - 110 (4-9) - 051322 Row - 116 (0-4) - 051322 Row - 116 (4-9) - 051322 Row - 120 (0-4) - 051322		6 S G G G G G G G G G G		6 6 6 6 6 6 6 6 6 6 6 6		X X X X X X X X X X X X		Y Y Y Y Y Y Y Y Y Y Y	
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other				Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months					
Special Instructions/QC Requirements & Comments: <u>Include TCLP/SPLP Re-run 3.8-228, 4.1-231, 1.7-168, 4.7-237</u>											
Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No _____		Cooler Temp (°C) Obs'd _____		Corr'd _____		Therm ID No _____			
Relinquished by <u>[Signature]</u>		Company <u>WS</u>		Date/Time <u>5/13/22 1605</u>		Received by <u>[Signature]</u>		Company <u>EPA</u>			
Relinquished by <u>[Signature]</u>		Company <u>EPA</u>		Date/Time <u>5/13/22 1705</u>		Received by _____		Company _____			
Relinquished by _____		Company _____		Date/Time _____		Received by _____		Company _____			

# Chain of Custody Record

524238



Environment Testing  
TestAmerica

TAL-8210

Address \_\_\_\_\_

Regulatory Program:  DW  NPDES  RCRA  Other

Client Contact		Project Manager <i>A. Slezers</i>		Site Contact <i>C. Pome</i>		Date <i>5.13.22</i>		COC No			
Company Name <i>Western Selections</i>		Tel/Email		Lab Contact <i>R. Whelan</i>		Carrier:		2 of 4 COCs			
Address <i>300 Knightsbridge Pump Station</i>		Analysis Turnaround Time									
City/State/Zip <i>Greenwich, CT 06830</i>		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____									
Phone		<input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day									
Project Name <i>TDOT #19</i>		Filtered Sample (Y/N)   Perform MS/MSD (Y/N)   VOCs   SVOCs   Total Metals   TECP/SPLP Metals   pH									
Site <i>I-80</i>											
PO#											
Job / SDG No <i>500-210606</i>											
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Sample Specific Notes				
<i>13</i>	<i>ROW-120 (4-9)-051322</i>	<i>5/13/22</i>	<i>1055</i>	<i>G</i>	<i>S</i>	<i>6</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>
<i>14</i>	<i>ROW-122 (0-4)-051322</i>		<i>1100</i>				<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	
<i>15</i>	<i>ROW-122 (4-9)-051322</i>		<i>1105</i>				<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	
<i>16</i>	<i>ROW-125 (0-4)-051322</i>		<i>1115</i>				<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	
<i>17</i>	<i>ROW-125 (0-4)-051322D</i>		<i>1115</i>				<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	
<i>18</i>	<i>ROW-125 (4-9)-051322</i>		<i>1120</i>				<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	
	<i>ROW-131 (0-6)-051322</i>		<i>1135</i>				<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	
	<i>ROW-131 (6-12)-051322</i>		<i>1140</i>				<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	
	<i>ROW-131 (12-18)-051322</i>		<i>1145</i>				<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	
	<i>ROW-134 (0-4)-051322</i>		<i>1210</i>				<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	
	<i>ROW-134 (4-9)-051322</i>		<i>1215</i>				<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	
	<i>ROW-136 (0-4)-051322</i>		<i>1220</i>				<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	
Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other											
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)					
<input checked="" type="checkbox"/> Non-Hazardous <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown						<input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months					
Special Instructions/QC Requirements & Comments: <i>Include TECP/SPLP Fe + Mn</i>											
Custody Seals Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Custody Seal No		Cooler Temp (°C) Obs'd		Corr'd		Therm ID No:			
Relinquished by <i>[Signature]</i>		Company <i>WS</i>		Date/Time <i>5/13/22/1605</i>		Received by <i>[Signature]</i>		Company <i>ETA</i>			
Relinquished by <i>[Signature]</i>		Company <i>ETA</i>		Date/Time <i>5/13/22</i>		Received by <i>[Signature]</i>		Company <i>ETA</i>			
Relinquished by <i>[Signature]</i>		Company <i>ETA</i>		Date/Time <i>5/13/22</i>		Received in Laboratory by <i>[Signature]</i>		Company <i>ETA</i>			

## ANALYTICAL REPORT

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

Laboratory Job ID: 500-216607-1  
Client Project/Site: IDOT - I-80 - WO 019  
Revision: 1

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

Attn: Mr. Andris Slesers



Authorized for release by:  
7/18/2022 4:09:20 PM

Richard Wright, Senior Project Manager  
(708)746-0045  
[Richard.Wright@et.eurofinsus.com](mailto:Richard.Wright@et.eurofinsus.com)

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results through



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

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

# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-131(0-6)-051322**

**Lab Sample ID: 500-216607-1**

Date Collected: 05/13/22 11:35

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 86.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>0.011</b>	<b>J**</b>	0.016	0.0068	mg/Kg	☼	05/14/22 09:17	05/24/22 14:56	1
Benzene	<0.0016		0.0016	0.00040	mg/Kg	☼	05/14/22 09:17	05/24/22 14:56	1
Bromodichloromethane	<0.0016		0.0016	0.00032	mg/Kg	☼	05/14/22 09:17	05/24/22 14:56	1
Bromoform	<0.0016		0.0016	0.00046	mg/Kg	☼	05/14/22 09:17	05/24/22 14:56	1
Bromomethane	<0.0039		0.0039	0.0015	mg/Kg	☼	05/14/22 09:17	05/24/22 14:56	1
Carbon disulfide	<0.0039		0.0039	0.00082	mg/Kg	☼	05/14/22 09:17	05/24/22 14:56	1
Carbon tetrachloride	<0.0016		0.0016	0.00046	mg/Kg	☼	05/14/22 09:17	05/24/22 14:56	1
Chlorobenzene	<0.0016		0.0016	0.00058	mg/Kg	☼	05/14/22 09:17	05/24/22 14:56	1
Chloroethane	<0.0039		0.0039	0.0012	mg/Kg	☼	05/14/22 09:17	05/24/22 14:56	1
Chloroform	<0.0016		0.0016	0.00055	mg/Kg	☼	05/14/22 09:17	05/24/22 14:56	1
Chloromethane	<0.0039		0.0039	0.0016	mg/Kg	☼	05/14/22 09:17	05/24/22 14:56	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00044	mg/Kg	☼	05/14/22 09:17	05/24/22 14:56	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00047	mg/Kg	☼	05/14/22 09:17	05/24/22 14:56	1
Dibromochloromethane	<0.0016		0.0016	0.00051	mg/Kg	☼	05/14/22 09:17	05/24/22 14:56	1
1,1-Dichloroethane	<0.0016		0.0016	0.00054	mg/Kg	☼	05/14/22 09:17	05/24/22 14:56	1
1,2-Dichloroethane	<0.0039		0.0039	0.0012	mg/Kg	☼	05/14/22 09:17	05/24/22 14:56	1
1,1-Dichloroethene	<0.0016		0.0016	0.00054	mg/Kg	☼	05/14/22 09:17	05/24/22 14:56	1
1,2-Dichloropropane	<0.0016		0.0016	0.00041	mg/Kg	☼	05/14/22 09:17	05/24/22 14:56	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00055	mg/Kg	☼	05/14/22 09:17	05/24/22 14:56	1
Ethylbenzene	<0.0016		0.0016	0.00075	mg/Kg	☼	05/14/22 09:17	05/24/22 14:56	1
2-Hexanone	<0.0039	*+	0.0039	0.0012	mg/Kg	☼	05/14/22 09:17	05/24/22 14:56	1
Methylene Chloride	<0.0039		0.0039	0.0015	mg/Kg	☼	05/14/22 09:17	05/24/22 14:56	1
Methyl Ethyl Ketone	<0.0039	*+	0.0039	0.0017	mg/Kg	☼	05/14/22 09:17	05/24/22 14:56	1
methyl isobutyl ketone	<0.0039		0.0039	0.0012	mg/Kg	☼	05/14/22 09:17	05/24/22 14:56	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00046	mg/Kg	☼	05/14/22 09:17	05/24/22 14:56	1
Styrene	<0.0016		0.0016	0.00047	mg/Kg	☼	05/14/22 09:17	05/24/22 14:56	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00050	mg/Kg	☼	05/14/22 09:17	05/24/22 14:56	1
Tetrachloroethene	<0.0016		0.0016	0.00054	mg/Kg	☼	05/14/22 09:17	05/24/22 14:56	1
Toluene	<0.0016		0.0016	0.00040	mg/Kg	☼	05/14/22 09:17	05/24/22 14:56	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00070	mg/Kg	☼	05/14/22 09:17	05/24/22 14:56	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00055	mg/Kg	☼	05/14/22 09:17	05/24/22 14:56	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00053	mg/Kg	☼	05/14/22 09:17	05/24/22 14:56	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00067	mg/Kg	☼	05/14/22 09:17	05/24/22 14:56	1
<b>Trichloroethene</b>	<b>0.00082</b>	<b>J</b>	0.0016	0.00053	mg/Kg	☼	05/14/22 09:17	05/24/22 14:56	1
Vinyl chloride	<0.0016		0.0016	0.00070	mg/Kg	☼	05/14/22 09:17	05/24/22 14:56	1
Xylenes, Total	<0.0031		0.0031	0.00050	mg/Kg	☼	05/14/22 09:17	05/24/22 14:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		75 - 131	05/14/22 09:17	05/24/22 14:56	1
Dibromofluoromethane (Surr)	117		75 - 126	05/14/22 09:17	05/24/22 14:56	1
1,2-Dichloroethane-d4 (Surr)	116		70 - 134	05/14/22 09:17	05/24/22 14:56	1
Toluene-d8 (Surr)	114		75 - 124	05/14/22 09:17	05/24/22 14:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
2,2'-oxybis[1-chloropropane]	<0.19	*+	0.19	0.044	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1

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# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-131(0-6)-051322**

**Lab Sample ID: 500-216607-1**

Date Collected: 05/13/22 11:35

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 86.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.086	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
2,4-Dichlorophenol	<0.37		0.37	0.089	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
2,4-Dinitrophenol	<0.76		0.76	0.66	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
2,4-Dinitrotoluene	<0.19		0.19	0.060	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
2,6-Dinitrotoluene	<0.19		0.19	0.074	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
2-Chlorophenol	<0.19		0.19	0.064	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
2-Methylnaphthalene	<0.076		0.076	0.0069	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
2-Nitrophenol	<0.37		0.37	0.089	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
3 & 4 Methylphenol	<0.19		0.19	0.063	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.053	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.30	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
4-Chloroaniline	<0.76		0.76	0.18	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
4-Nitrophenol	<0.76		0.76	0.36	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
Acenaphthene	<0.037		0.037	0.0068	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
Acenaphthylene	<0.037		0.037	0.0050	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
Anthracene	<0.037		0.037	0.0063	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
Benzo[a]anthracene	<0.037		0.037	0.0051	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
Benzo[a]pyrene	<0.037		0.037	0.0073	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
Benzo[b]fluoranthene	<0.037		0.037	0.0081	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
Benzo[g,h,i]perylene	<0.037		0.037	0.012	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
Benzo[k]fluoranthene	<0.037		0.037	0.011	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
Bis(2-chloroethyl)ether	<0.19	+	0.19	0.056	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.069	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
Butyl benzyl phthalate	<0.19		0.19	0.071	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
Carbazole	<0.19		0.19	0.094	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
Chrysene	<0.037		0.037	0.010	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
Dibenz(a,h)anthracene	<0.037		0.037	0.0073	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
Diethyl phthalate	<0.19		0.19	0.064	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
Fluoranthene	<0.037		0.037	0.0070	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
Fluorene	<0.037		0.037	0.0053	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
Hexachlorobenzene	<0.076		0.076	0.0087	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
Hexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
Hexachlorocyclopentadiene	<0.76	-	0.76	0.22	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
Hexachloroethane	<0.19		0.19	0.057	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1

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# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-131(0-6)-051322**

**Lab Sample ID: 500-216607-1**

**Date Collected: 05/13/22 11:35**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 86.9**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.037		0.037	0.0097	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
Naphthalene	<0.037		0.037	0.0058	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
Nitrobenzene	<0.037		0.037	0.0094	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.046	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
Pentachlorophenol	<0.76		0.76	0.60	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
Phenanthrene	<0.037		0.037	0.0052	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
Phenol	<0.19		0.19	0.083	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1
Pyrene	<0.037		0.037	0.0075	mg/Kg	☼	05/26/22 14:04	05/27/22 12:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	83		31 - 143	05/26/22 14:04	05/27/22 12:53	1
2-Fluorobiphenyl (Surr)	96		43 - 145	05/26/22 14:04	05/27/22 12:53	1
2-Fluorophenol (Surr)	117		31 - 166	05/26/22 14:04	05/27/22 12:53	1
Nitrobenzene-d5 (Surr)	98		37 - 147	05/26/22 14:04	05/27/22 12:53	1
Phenol-d5 (Surr)	92		30 - 153	05/26/22 14:04	05/27/22 12:53	1
Terphenyl-d14 (Surr)	122		42 - 157	05/26/22 14:04	05/27/22 12:53	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		05/21/22 12:12	05/23/22 14:46	1
<b>Barium</b>	<b>0.66</b>		0.50	0.050	mg/L		05/21/22 12:12	05/23/22 14:46	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/21/22 12:12	05/23/22 14:46	1
<b>Cadmium</b>	<b>0.0034</b>	<b>J</b>	0.0050	0.0020	mg/L		05/21/22 12:12	05/23/22 14:46	1
Chromium	<0.025		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:46	1
<b>Cobalt</b>	<b>0.066</b>		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:46	1
Copper	<0.025		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:46	1
<b>Iron</b>	<b>0.35</b>	<b>J</b>	0.40	0.20	mg/L		05/21/22 12:12	05/23/22 14:46	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/21/22 12:12	05/24/22 10:55	1
<b>Manganese</b>	<b>9.8</b>		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:46	1
<b>Nickel</b>	<b>0.060</b>		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:46	1
Selenium	<0.050		0.050	0.020	mg/L		05/21/22 12:12	05/23/22 14:46	1
Silver	<0.025		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:46	1
Zinc	<0.50		0.50	0.020	mg/L		05/21/22 12:12	05/23/22 14:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.10</b>		0.050	0.010	mg/L		05/21/22 12:16	05/23/22 21:04	1
<b>Barium</b>	<b>0.68</b>		0.50	0.050	mg/L		05/21/22 12:16	05/23/22 21:04	1
<b>Beryllium</b>	<b>0.0097</b>		0.0040	0.0040	mg/L		05/21/22 12:16	05/23/22 21:04	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/21/22 12:16	05/23/22 21:04	1
<b>Chromium</b>	<b>0.17</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:04	1
<b>Cobalt</b>	<b>0.085</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:04	1
<b>Copper</b>	<b>0.26</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:04	1
<b>Iron</b>	<b>220</b>		0.40	0.20	mg/L		05/21/22 12:16	05/23/22 21:04	1
<b>Lead</b>	<b>0.11</b>		0.0075	0.0075	mg/L		05/21/22 12:16	05/23/22 21:04	1
<b>Manganese</b>	<b>2.0</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:04	1
<b>Nickel</b>	<b>0.25</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:04	1
Selenium	<0.050		0.050	0.020	mg/L		05/21/22 12:16	05/23/22 21:04	1

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# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-131(0-6)-051322**

**Lab Sample ID: 500-216607-1**

Date Collected: 05/13/22 11:35

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 86.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:04	1
Zinc	0.51		0.50	0.020	mg/L		05/21/22 12:16	05/23/22 21:04	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	11000		11	4.5	mg/Kg	☆	05/20/22 09:23	05/23/22 18:11	1
Antimony	0.47	J F1	1.1	0.21	mg/Kg	☆	05/20/22 09:23	05/23/22 18:11	1
Arsenic	8.6		0.55	0.19	mg/Kg	☆	05/20/22 09:23	05/23/22 18:11	1
Barium	62	F1	0.55	0.063	mg/Kg	☆	05/20/22 09:23	05/23/22 18:11	1
Beryllium	0.83		0.22	0.051	mg/Kg	☆	05/20/22 09:23	05/23/22 18:11	1
Cadmium	0.088	J B	0.11	0.020	mg/Kg	☆	05/20/22 09:23	05/23/22 18:11	1
Calcium	51000	B F2	55	9.3	mg/Kg	☆	05/20/22 09:23	05/24/22 11:50	5
Chromium	17	B	0.55	0.27	mg/Kg	☆	05/20/22 09:23	05/23/22 18:11	1
Cobalt	13		0.28	0.072	mg/Kg	☆	05/20/22 09:23	05/23/22 18:11	1
Copper	23	B	0.55	0.15	mg/Kg	☆	05/20/22 09:23	05/23/22 18:11	1
Iron	21000	B	11	5.7	mg/Kg	☆	05/20/22 09:23	05/23/22 18:11	1
Lead	14		0.28	0.13	mg/Kg	☆	05/20/22 09:23	05/23/22 18:11	1
Magnesium	23000	F2	5.5	2.7	mg/Kg	☆	05/20/22 09:23	05/23/22 18:11	1
Manganese	410	F2	0.55	0.080	mg/Kg	☆	05/20/22 09:23	05/23/22 18:11	1
Nickel	33		0.55	0.16	mg/Kg	☆	05/20/22 09:23	05/23/22 18:11	1
Potassium	2000	F1	28	9.7	mg/Kg	☆	05/20/22 09:23	05/23/22 18:11	1
Selenium	0.41	J F1	0.55	0.32	mg/Kg	☆	05/20/22 09:23	05/23/22 18:11	1
Silver	0.29		0.28	0.071	mg/Kg	☆	05/20/22 09:23	05/23/22 18:11	1
Sodium	850		55	8.1	mg/Kg	☆	05/20/22 09:23	05/23/22 18:11	1
Thallium	0.73		0.55	0.27	mg/Kg	☆	05/20/22 09:23	05/23/22 18:11	1
Vanadium	20		0.28	0.065	mg/Kg	☆	05/20/22 09:23	05/23/22 18:11	1
Zinc	58		1.1	0.48	mg/Kg	☆	05/20/22 09:23	05/23/22 18:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/23/22 10:25	05/24/22 09:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/23/22 10:25	05/24/22 10:08	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.029		0.018	0.0060	mg/Kg	☆	05/20/22 15:05	05/23/22 07:20	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.6		0.2	0.2	SU			05/19/22 20:36	1

# Client Sample Results

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

Job ID: 500-216607-1

Client Sample ID: ROW-131(6-12)-051322

Lab Sample ID: 500-216607-2

Date Collected: 05/13/22 11:40

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 82.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.026		0.018	0.0078	mg/Kg	✳	05/14/22 09:17	05/25/22 12:03	1
Benzene	<0.0018		0.0018	0.00046	mg/Kg	✳	05/14/22 09:17	05/25/22 12:03	1
Bromodichloromethane	<0.0018		0.0018	0.00037	mg/Kg	✳	05/14/22 09:17	05/25/22 12:03	1
Bromoform	<0.0018		0.0018	0.00052	mg/Kg	✳	05/14/22 09:17	05/25/22 12:03	1
Bromomethane	<0.0045		0.0045	0.0017	mg/Kg	✳	05/14/22 09:17	05/25/22 12:03	1
Carbon disulfide	<0.0045		0.0045	0.00093	mg/Kg	✳	05/14/22 09:17	05/25/22 12:03	1
Carbon tetrachloride	<0.0018		0.0018	0.00052	mg/Kg	✳	05/14/22 09:17	05/25/22 12:03	1
Chlorobenzene	<0.0018		0.0018	0.00066	mg/Kg	✳	05/14/22 09:17	05/25/22 12:03	1
Chloroethane	<0.0045		0.0045	0.0013	mg/Kg	✳	05/14/22 09:17	05/25/22 12:03	1
Chloroform	<0.0018		0.0018	0.00062	mg/Kg	✳	05/14/22 09:17	05/25/22 12:03	1
Chloromethane	<0.0045		0.0045	0.0018	mg/Kg	✳	05/14/22 09:17	05/25/22 12:03	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00050	mg/Kg	✳	05/14/22 09:17	05/25/22 12:03	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00054	mg/Kg	✳	05/14/22 09:17	05/25/22 12:03	1
Dibromochloromethane	<0.0018		0.0018	0.00059	mg/Kg	✳	05/14/22 09:17	05/25/22 12:03	1
1,1-Dichloroethane	<0.0018		0.0018	0.00062	mg/Kg	✳	05/14/22 09:17	05/25/22 12:03	1
1,2-Dichloroethane	<0.0045		0.0045	0.0014	mg/Kg	✳	05/14/22 09:17	05/25/22 12:03	1
1,1-Dichloroethene	<0.0018		0.0018	0.00062	mg/Kg	✳	05/14/22 09:17	05/25/22 12:03	1
1,2-Dichloropropane	<0.0018		0.0018	0.00046	mg/Kg	✳	05/14/22 09:17	05/25/22 12:03	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00063	mg/Kg	✳	05/14/22 09:17	05/25/22 12:03	1
Ethylbenzene	<0.0018		0.0018	0.00086	mg/Kg	✳	05/14/22 09:17	05/25/22 12:03	1
2-Hexanone	<0.0045		0.0045	0.0014	mg/Kg	✳	05/14/22 09:17	05/25/22 12:03	1
Methylene Chloride	<0.0045		0.0045	0.0018	mg/Kg	✳	05/14/22 09:17	05/25/22 12:03	1
Methyl Ethyl Ketone	0.0048		0.0045	0.0020	mg/Kg	✳	05/14/22 09:17	05/25/22 12:03	1
methyl isobutyl ketone	<0.0045		0.0045	0.0013	mg/Kg	✳	05/14/22 09:17	05/25/22 12:03	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00053	mg/Kg	✳	05/14/22 09:17	05/25/22 12:03	1
Styrene	<0.0018		0.0018	0.00054	mg/Kg	✳	05/14/22 09:17	05/25/22 12:03	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00057	mg/Kg	✳	05/14/22 09:17	05/25/22 12:03	1
Tetrachloroethene	<0.0018		0.0018	0.00061	mg/Kg	✳	05/14/22 09:17	05/25/22 12:03	1
Toluene	<0.0018		0.0018	0.00045	mg/Kg	✳	05/14/22 09:17	05/25/22 12:03	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00080	mg/Kg	✳	05/14/22 09:17	05/25/22 12:03	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00063	mg/Kg	✳	05/14/22 09:17	05/25/22 12:03	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00060	mg/Kg	✳	05/14/22 09:17	05/25/22 12:03	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00077	mg/Kg	✳	05/14/22 09:17	05/25/22 12:03	1
Trichloroethene	<0.0018		0.0018	0.00061	mg/Kg	✳	05/14/22 09:17	05/25/22 12:03	1
Vinyl chloride	<0.0018		0.0018	0.00080	mg/Kg	✳	05/14/22 09:17	05/25/22 12:03	1
Xylenes, Total	<0.0036		0.0036	0.00058	mg/Kg	✳	05/14/22 09:17	05/25/22 12:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		75 - 131	05/14/22 09:17	05/25/22 12:03	1
Dibromofluoromethane (Surr)	108		75 - 126	05/14/22 09:17	05/25/22 12:03	1
1,2-Dichloroethane-d4 (Surr)	114		70 - 134	05/14/22 09:17	05/25/22 12:03	1
Toluene-d8 (Surr)	98		75 - 124	05/14/22 09:17	05/25/22 12:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.043	mg/Kg	✳	05/26/22 14:04	05/27/22 13:14	1
1,2-Dichlorobenzene	<0.20		0.20	0.048	mg/Kg	✳	05/26/22 14:04	05/27/22 13:14	1
1,3-Dichlorobenzene	<0.20		0.20	0.045	mg/Kg	✳	05/26/22 14:04	05/27/22 13:14	1
1,4-Dichlorobenzene	<0.20		0.20	0.051	mg/Kg	✳	05/26/22 14:04	05/27/22 13:14	1
2,2'-oxybis[1-chloropropane]	<0.20	+	0.20	0.046	mg/Kg	✳	05/26/22 14:04	05/27/22 13:14	1

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# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-131(6-12)-051322**

**Lab Sample ID: 500-216607-2**

**Date Collected: 05/13/22 11:40**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 82.2**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.40		0.40	0.091	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
2,4,6-Trichlorophenol	<0.40		0.40	0.14	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
2,4-Dichlorophenol	<0.40		0.40	0.095	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
2,4-Dimethylphenol	<0.40		0.40	0.15	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
2,4-Dinitrophenol	<0.81		0.81	0.70	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
2,4-Dinitrotoluene	<0.20		0.20	0.064	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
2,6-Dinitrotoluene	<0.20		0.20	0.079	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
2-Chlorophenol	<0.20		0.20	0.068	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
2-Methylnaphthalene	<0.081		0.081	0.0074	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
2-Methylphenol	<0.20		0.20	0.064	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
2-Nitroaniline	<0.20		0.20	0.054	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
2-Nitrophenol	<0.40		0.40	0.095	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
3 & 4 Methylphenol	<0.20		0.20	0.067	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.056	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
3-Nitroaniline	<0.40		0.40	0.12	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
4,6-Dinitro-2-methylphenol	<0.81		0.81	0.32	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.053	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
4-Chloro-3-methylphenol	<0.40		0.40	0.14	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
4-Chloroaniline	<0.81		0.81	0.19	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.047	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
4-Nitroaniline	<0.40		0.40	0.17	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
4-Nitrophenol	<0.81		0.81	0.38	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
Acenaphthene	<0.040		0.040	0.0072	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
Acenaphthylene	<0.040		0.040	0.0053	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
Anthracene	<0.040		0.040	0.0067	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
<b>Benzo[a]anthracene</b>	<b>0.0090</b>	<b>J</b>	0.040	0.0054	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
<b>Benzo[a]pyrene</b>	<b>0.016</b>	<b>J</b>	0.040	0.0077	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
<b>Benzo[b]fluoranthene</b>	<b>0.021</b>	<b>J</b>	0.040	0.0086	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
Benzo[g,h,i]perylene	<0.040		0.040	0.013	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
Benzo[k]fluoranthene	<0.040		0.040	0.012	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.041	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
Bis(2-chloroethyl)ether	<0.20	+	0.20	0.060	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.073	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
Butyl benzyl phthalate	<0.20		0.20	0.076	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
Carbazole	<0.20		0.20	0.10	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
<b>Chrysene</b>	<b>0.016</b>	<b>J</b>	0.040	0.011	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
Dibenz(a,h)anthracene	<0.040		0.040	0.0077	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
Dibenzofuran	<0.20		0.20	0.047	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
Diethyl phthalate	<0.20		0.20	0.068	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
Dimethyl phthalate	<0.20		0.20	0.052	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
Di-n-butyl phthalate	<0.20		0.20	0.061	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
Di-n-octyl phthalate	<0.20		0.20	0.065	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
<b>Fluoranthene</b>	<b>0.025</b>	<b>J</b>	0.040	0.0074	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
Fluorene	<0.040		0.040	0.0056	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
Hexachlorobenzene	<0.081		0.081	0.0093	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
Hexachlorobutadiene	<0.20		0.20	0.063	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
Hexachlorocyclopentadiene	<0.81	-	0.81	0.23	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
Hexachloroethane	<0.20		0.20	0.061	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1

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# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-131(6-12)-051322**

**Lab Sample ID: 500-216607-2**

**Date Collected: 05/13/22 11:40**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 82.2**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.010</b>	<b>J</b>	0.040	0.010	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
Isophorone	<0.20		0.20	0.045	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
Naphthalene	<0.040		0.040	0.0062	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
Nitrobenzene	<0.040		0.040	0.010	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
N-Nitrosodi-n-propylamine	<0.081		0.081	0.049	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
N-Nitrosodiphenylamine	<0.20		0.20	0.047	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
Pentachlorophenol	<0.81		0.81	0.64	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
<b>Phenanthrene</b>	<b>0.0079</b>	<b>J</b>	0.040	0.0056	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
Phenol	<0.20		0.20	0.089	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
<b>Pyrene</b>	<b>0.015</b>	<b>J</b>	0.040	0.0079	mg/Kg	☼	05/26/22 14:04	05/27/22 13:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	86		31 - 143				05/26/22 14:04	05/27/22 13:14	1
2-Fluorobiphenyl (Surr)	66		43 - 145				05/26/22 14:04	05/27/22 13:14	1
2-Fluorophenol (Surr)	95		31 - 166				05/26/22 14:04	05/27/22 13:14	1
Nitrobenzene-d5 (Surr)	84		37 - 147				05/26/22 14:04	05/27/22 13:14	1
Phenol-d5 (Surr)	113		30 - 153				05/26/22 14:04	05/27/22 13:14	1
Terphenyl-d14 (Surr)	111		42 - 157				05/26/22 14:04	05/27/22 13:14	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		05/21/22 12:12	05/23/22 13:23	1
<b>Barium</b>	<b>0.89</b>		0.50	0.050	mg/L		05/21/22 12:12	05/23/22 13:23	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/21/22 12:12	05/23/22 13:23	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/21/22 12:12	05/23/22 13:23	1
Chromium	<0.025		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 13:23	1
<b>Cobalt</b>	<b>0.018</b>	<b>J</b>	0.025	0.010	mg/L		05/21/22 12:12	05/23/22 13:23	1
Copper	<0.025		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 13:23	1
Iron	<0.40		0.40	0.20	mg/L		05/21/22 12:12	05/23/22 13:23	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/21/22 12:12	05/23/22 13:23	1
<b>Manganese</b>	<b>6.0</b>		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 13:23	1
<b>Nickel</b>	<b>0.013</b>	<b>J</b>	0.025	0.010	mg/L		05/21/22 12:12	05/23/22 13:23	1
Selenium	<0.050		0.050	0.020	mg/L		05/21/22 12:12	05/23/22 13:23	1
Silver	<0.025		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 13:23	1
<b>Zinc</b>	<b>0.087</b>	<b>J</b>	0.50	0.020	mg/L		05/21/22 12:12	05/23/22 13:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.070</b>		0.050	0.010	mg/L		05/21/22 12:16	05/23/22 21:08	1
<b>Barium</b>	<b>0.70</b>		0.50	0.050	mg/L		05/21/22 12:16	05/23/22 21:08	1
<b>Beryllium</b>	<b>0.0070</b>		0.0040	0.0040	mg/L		05/21/22 12:16	05/23/22 21:08	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/21/22 12:16	05/23/22 21:08	1
<b>Chromium</b>	<b>0.14</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:08	1
<b>Cobalt</b>	<b>0.069</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:08	1
<b>Copper</b>	<b>0.18</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:08	1
<b>Iron</b>	<b>160</b>		0.40	0.20	mg/L		05/21/22 12:16	05/23/22 21:08	1
<b>Lead</b>	<b>0.090</b>		0.0075	0.0075	mg/L		05/21/22 12:16	05/23/22 21:08	1
<b>Manganese</b>	<b>1.2</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:08	1
<b>Nickel</b>	<b>0.17</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:08	1
Selenium	<0.050		0.050	0.020	mg/L		05/21/22 12:16	05/23/22 21:08	1

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# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-131(6-12)-051322**

**Lab Sample ID: 500-216607-2**

Date Collected: 05/13/22 11:40

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 82.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:08	1
<b>Zinc</b>	<b>0.41</b>	<b>J</b>	0.50	0.020	mg/L		05/21/22 12:16	05/23/22 21:08	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>11000</b>		11	4.6	mg/Kg	☆	05/20/22 09:23	05/23/22 18:28	1
Antimony	<1.1		1.1	0.22	mg/Kg	☆	05/20/22 09:23	05/23/22 18:28	1
<b>Arsenic</b>	<b>6.2</b>		0.56	0.19	mg/Kg	☆	05/20/22 09:23	05/23/22 18:28	1
<b>Barium</b>	<b>66</b>		0.56	0.064	mg/Kg	☆	05/20/22 09:23	05/23/22 18:28	1
<b>Beryllium</b>	<b>0.76</b>		0.23	0.053	mg/Kg	☆	05/20/22 09:23	05/23/22 18:28	1
<b>Cadmium</b>	<b>0.064</b>	<b>J B</b>	0.11	0.020	mg/Kg	☆	05/20/22 09:23	05/23/22 18:28	1
<b>Calcium</b>	<b>66000</b>	<b>B</b>	56	9.5	mg/Kg	☆	05/20/22 09:23	05/24/22 12:06	5
<b>Chromium</b>	<b>17</b>	<b>B</b>	0.56	0.28	mg/Kg	☆	05/20/22 09:23	05/23/22 18:28	1
<b>Cobalt</b>	<b>11</b>		0.28	0.074	mg/Kg	☆	05/20/22 09:23	05/23/22 18:28	1
<b>Copper</b>	<b>18</b>	<b>B</b>	0.56	0.16	mg/Kg	☆	05/20/22 09:23	05/23/22 18:28	1
<b>Iron</b>	<b>18000</b>	<b>B</b>	11	5.9	mg/Kg	☆	05/20/22 09:23	05/23/22 18:28	1
<b>Lead</b>	<b>14</b>		0.28	0.13	mg/Kg	☆	05/20/22 09:23	05/23/22 18:28	1
<b>Magnesium</b>	<b>25000</b>		5.6	2.8	mg/Kg	☆	05/20/22 09:23	05/23/22 18:28	1
<b>Manganese</b>	<b>400</b>		0.56	0.082	mg/Kg	☆	05/20/22 09:23	05/23/22 18:28	1
<b>Nickel</b>	<b>26</b>		0.56	0.16	mg/Kg	☆	05/20/22 09:23	05/23/22 18:28	1
<b>Potassium</b>	<b>1900</b>		28	10	mg/Kg	☆	05/20/22 09:23	05/23/22 18:28	1
Selenium	<0.56		0.56	0.33	mg/Kg	☆	05/20/22 09:23	05/23/22 18:28	1
<b>Silver</b>	<b>0.22</b>	<b>J</b>	0.28	0.073	mg/Kg	☆	05/20/22 09:23	05/23/22 18:28	1
<b>Sodium</b>	<b>630</b>		56	8.3	mg/Kg	☆	05/20/22 09:23	05/23/22 18:28	1
<b>Thallium</b>	<b>0.48</b>	<b>J</b>	0.56	0.28	mg/Kg	☆	05/20/22 09:23	05/23/22 18:28	1
<b>Vanadium</b>	<b>24</b>		0.28	0.066	mg/Kg	☆	05/20/22 09:23	05/23/22 18:28	1
<b>Zinc</b>	<b>53</b>		1.1	0.49	mg/Kg	☆	05/20/22 09:23	05/23/22 18:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/23/22 10:25	05/24/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/23/22 10:25	05/24/22 10:10	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.029</b>		0.018	0.0060	mg/Kg	☆	05/20/22 15:05	05/23/22 07:23	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>7.6</b>		0.2	0.2	SU			05/19/22 20:38	1

# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-131(12-18)-051322**

**Lab Sample ID: 500-216607-3**

**Date Collected: 05/13/22 11:45**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 78.3**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>0.099</b>		0.019	0.0084	mg/Kg	☼	05/14/22 09:17	05/25/22 16:21	1
Benzene	<0.0019		0.0019	0.00049	mg/Kg	☼	05/14/22 09:17	05/25/22 16:21	1
Bromodichloromethane	<0.0019		0.0019	0.00039	mg/Kg	☼	05/14/22 09:17	05/25/22 16:21	1
Bromoform	<0.0019		0.0019	0.00056	mg/Kg	☼	05/14/22 09:17	05/25/22 16:21	1
Bromomethane	<0.0048		0.0048	0.0018	mg/Kg	☼	05/14/22 09:17	05/25/22 16:21	1
Carbon disulfide	<0.0048		0.0048	0.0010	mg/Kg	☼	05/14/22 09:17	05/25/22 16:21	1
Carbon tetrachloride	<0.0019		0.0019	0.00056	mg/Kg	☼	05/14/22 09:17	05/25/22 16:21	1
Chlorobenzene	<0.0019		0.0019	0.00071	mg/Kg	☼	05/14/22 09:17	05/25/22 16:21	1
Chloroethane	<0.0048		0.0048	0.0014	mg/Kg	☼	05/14/22 09:17	05/25/22 16:21	1
Chloroform	<0.0019		0.0019	0.00067	mg/Kg	☼	05/14/22 09:17	05/25/22 16:21	1
Chloromethane	<0.0048		0.0048	0.0019	mg/Kg	☼	05/14/22 09:17	05/25/22 16:21	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00054	mg/Kg	☼	05/14/22 09:17	05/25/22 16:21	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00058	mg/Kg	☼	05/14/22 09:17	05/25/22 16:21	1
Dibromochloromethane	<0.0019		0.0019	0.00063	mg/Kg	☼	05/14/22 09:17	05/25/22 16:21	1
1,1-Dichloroethane	<0.0019		0.0019	0.00066	mg/Kg	☼	05/14/22 09:17	05/25/22 16:21	1
1,2-Dichloroethane	<0.0048		0.0048	0.0015	mg/Kg	☼	05/14/22 09:17	05/25/22 16:21	1
1,1-Dichloroethene	<0.0019		0.0019	0.00067	mg/Kg	☼	05/14/22 09:17	05/25/22 16:21	1
1,2-Dichloropropane	<0.0019		0.0019	0.00050	mg/Kg	☼	05/14/22 09:17	05/25/22 16:21	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00068	mg/Kg	☼	05/14/22 09:17	05/25/22 16:21	1
Ethylbenzene	<0.0019		0.0019	0.00093	mg/Kg	☼	05/14/22 09:17	05/25/22 16:21	1
2-Hexanone	<0.0048		0.0048	0.0015	mg/Kg	☼	05/14/22 09:17	05/25/22 16:21	1
Methylene Chloride	<0.0048		0.0048	0.0019	mg/Kg	☼	05/14/22 09:17	05/25/22 16:21	1
<b>Methyl Ethyl Ketone</b>	<b>0.022</b>		0.0048	0.0021	mg/Kg	☼	05/14/22 09:17	05/25/22 16:21	1
methyl isobutyl ketone	<0.0048		0.0048	0.0014	mg/Kg	☼	05/14/22 09:17	05/25/22 16:21	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00057	mg/Kg	☼	05/14/22 09:17	05/25/22 16:21	1
Styrene	<0.0019		0.0019	0.00058	mg/Kg	☼	05/14/22 09:17	05/25/22 16:21	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00062	mg/Kg	☼	05/14/22 09:17	05/25/22 16:21	1
Tetrachloroethene	<0.0019		0.0019	0.00066	mg/Kg	☼	05/14/22 09:17	05/25/22 16:21	1
Toluene	<0.0019		0.0019	0.00049	mg/Kg	☼	05/14/22 09:17	05/25/22 16:21	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00086	mg/Kg	☼	05/14/22 09:17	05/25/22 16:21	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00068	mg/Kg	☼	05/14/22 09:17	05/25/22 16:21	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00065	mg/Kg	☼	05/14/22 09:17	05/25/22 16:21	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00083	mg/Kg	☼	05/14/22 09:17	05/25/22 16:21	1
<b>Trichloroethene</b>	<b>0.0017 J</b>		0.0019	0.00065	mg/Kg	☼	05/14/22 09:17	05/25/22 16:21	1
Vinyl chloride	<0.0019		0.0019	0.00086	mg/Kg	☼	05/14/22 09:17	05/25/22 16:21	1
Xylenes, Total	<0.0039		0.0039	0.00062	mg/Kg	☼	05/14/22 09:17	05/25/22 16:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		75 - 131	05/14/22 09:17	05/25/22 16:21	1
Dibromofluoromethane (Surr)	109		75 - 126	05/14/22 09:17	05/25/22 16:21	1
1,2-Dichloroethane-d4 (Surr)	117		70 - 134	05/14/22 09:17	05/25/22 16:21	1
Toluene-d8 (Surr)	101		75 - 124	05/14/22 09:17	05/25/22 16:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.21		0.21	0.044	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
1,2-Dichlorobenzene	<0.21		0.21	0.049	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
1,3-Dichlorobenzene	<0.21		0.21	0.046	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
1,4-Dichlorobenzene	<0.21		0.21	0.052	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
2,2'-oxybis[1-chloropropane]	<0.21	*+	0.21	0.047	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1

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# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-131(12-18)-051322**

**Lab Sample ID: 500-216607-3**

**Date Collected: 05/13/22 11:45**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 78.3**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.41		0.41	0.093	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
2,4,6-Trichlorophenol	<0.41		0.41	0.14	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
2,4-Dichlorophenol	<0.41		0.41	0.097	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
2,4-Dimethylphenol	<0.41		0.41	0.16	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
2,4-Dinitrophenol	<0.82		0.82	0.72	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
2,4-Dinitrotoluene	<0.21		0.21	0.065	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
2,6-Dinitrotoluene	<0.21		0.21	0.080	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
2-Chloronaphthalene	<0.21		0.21	0.045	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
2-Chlorophenol	<0.21		0.21	0.070	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
2-Methylnaphthalene	<0.082		0.082	0.0075	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
2-Methylphenol	<0.21		0.21	0.066	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
2-Nitroaniline	<0.21		0.21	0.055	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
2-Nitrophenol	<0.41		0.41	0.097	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
3 & 4 Methylphenol	<0.21		0.21	0.068	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
3,3'-Dichlorobenzidine	<0.21		0.21	0.057	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
3-Nitroaniline	<0.41		0.41	0.13	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
4,6-Dinitro-2-methylphenol	<0.82		0.82	0.33	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
4-Bromophenyl phenyl ether	<0.21		0.21	0.054	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
4-Chloro-3-methylphenol	<0.41		0.41	0.14	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
4-Chloroaniline	<0.82		0.82	0.19	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
4-Chlorophenyl phenyl ether	<0.21		0.21	0.048	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
4-Nitroaniline	<0.41		0.41	0.17	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
4-Nitrophenol	<0.82		0.82	0.39	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
Acenaphthene	<0.041		0.041	0.0074	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
Acenaphthylene	<0.041		0.041	0.0054	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
Anthracene	<0.041		0.041	0.0068	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
Benzo[a]anthracene	<0.041		0.041	0.0055	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
Benzo[a]pyrene	<0.041		0.041	0.0079	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
Benzo[b]fluoranthene	<0.041		0.041	0.0088	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
Benzo[g,h,i]perylene	<0.041		0.041	0.013	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
Benzo[k]fluoranthene	<0.041		0.041	0.012	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
Bis(2-chloroethoxy)methane	<0.21		0.21	0.042	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
Bis(2-chloroethyl)ether	<0.21	+	0.21	0.061	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
Bis(2-ethylhexyl) phthalate	<0.21		0.21	0.075	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
Butyl benzyl phthalate	<0.21		0.21	0.078	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
Carbazole	<0.21		0.21	0.10	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
Chrysene	<0.041		0.041	0.011	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
Dibenz(a,h)anthracene	<0.041		0.041	0.0079	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
Dibenzofuran	<0.21		0.21	0.048	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
Diethyl phthalate	<0.21		0.21	0.069	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
Dimethyl phthalate	<0.21		0.21	0.053	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
Di-n-butyl phthalate	<0.21		0.21	0.062	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
Di-n-octyl phthalate	<0.21		0.21	0.067	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
<b>Fluoranthene</b>	<b>0.0092</b>	<b>J</b>	0.041	0.0076	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
Fluorene	<0.041		0.041	0.0057	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
Hexachlorobenzene	<0.082		0.082	0.0095	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
Hexachlorobutadiene	<0.21		0.21	0.064	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
Hexachlorocyclopentadiene	<0.82	-	0.82	0.24	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
Hexachloroethane	<0.21		0.21	0.062	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1

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# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-131(12-18)-051322**

**Lab Sample ID: 500-216607-3**

**Date Collected: 05/13/22 11:45**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 78.3**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.041		0.041	0.011	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
Isophorone	<0.21		0.21	0.046	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
Naphthalene	<0.041		0.041	0.0063	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
Nitrobenzene	<0.041		0.041	0.010	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
N-Nitrosodi-n-propylamine	<0.082		0.082	0.050	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
N-Nitrosodiphenylamine	<0.21		0.21	0.048	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
Pentachlorophenol	<0.82		0.82	0.66	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
Phenanthrene	<0.041		0.041	0.0057	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
Phenol	<0.21		0.21	0.091	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1
Pyrene	<0.041		0.041	0.0081	mg/Kg	☼	05/26/22 14:04	05/27/22 13:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	82		31 - 143	05/26/22 14:04	05/27/22 13:36	1
2-Fluorobiphenyl (Surr)	77		43 - 145	05/26/22 14:04	05/27/22 13:36	1
2-Fluorophenol (Surr)	108		31 - 166	05/26/22 14:04	05/27/22 13:36	1
Nitrobenzene-d5 (Surr)	61		37 - 147	05/26/22 14:04	05/27/22 13:36	1
Phenol-d5 (Surr)	122		30 - 153	05/26/22 14:04	05/27/22 13:36	1
Terphenyl-d14 (Surr)	118		42 - 157	05/26/22 14:04	05/27/22 13:36	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.011</b>	<b>J</b>	0.050	0.010	mg/L		05/21/22 12:12	05/23/22 13:27	1
<b>Barium</b>	<b>0.96</b>		0.50	0.050	mg/L		05/21/22 12:12	05/23/22 13:27	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/21/22 12:12	05/23/22 13:27	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/21/22 12:12	05/23/22 13:27	1
Chromium	<0.025		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 13:27	1
<b>Cobalt</b>	<b>0.050</b>		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 13:27	1
Copper	<0.025		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 13:27	1
Iron	<0.40		0.40	0.20	mg/L		05/21/22 12:12	05/23/22 13:27	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/21/22 12:12	05/23/22 13:27	1
<b>Manganese</b>	<b>10</b>		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 13:27	1
<b>Nickel</b>	<b>0.035</b>		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 13:27	1
Selenium	<0.050		0.050	0.020	mg/L		05/21/22 12:12	05/23/22 13:27	1
Silver	<0.025		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 13:27	1
<b>Zinc</b>	<b>0.11</b>	<b>J</b>	0.50	0.020	mg/L		05/21/22 12:12	05/23/22 13:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.030</b>	<b>J</b>	0.050	0.010	mg/L		05/21/22 12:16	05/23/22 21:11	1
<b>Barium</b>	<b>0.45</b>	<b>J</b>	0.50	0.050	mg/L		05/21/22 12:16	05/23/22 21:11	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/21/22 12:16	05/23/22 21:11	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/21/22 12:16	05/23/22 21:11	1
<b>Chromium</b>	<b>0.082</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:11	1
<b>Cobalt</b>	<b>0.028</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:11	1
<b>Copper</b>	<b>0.091</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:11	1
<b>Iron</b>	<b>75</b>		0.40	0.20	mg/L		05/21/22 12:16	05/23/22 21:11	1
<b>Lead</b>	<b>0.051</b>		0.0075	0.0075	mg/L		05/21/22 12:16	05/23/22 21:11	1
<b>Manganese</b>	<b>0.51</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:11	1
<b>Nickel</b>	<b>0.070</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:11	1
Selenium	<0.050		0.050	0.020	mg/L		05/21/22 12:16	05/23/22 21:11	1

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# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-131(12-18)-051322**

**Lab Sample ID: 500-216607-3**

Date Collected: 05/13/22 11:45

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 78.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:11	1
<b>Zinc</b>	<b>0.20</b>	<b>J</b>	0.50	0.020	mg/L		05/21/22 12:16	05/23/22 21:11	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>12000</b>		12	5.0	mg/Kg	☆	05/20/22 09:23	05/23/22 18:31	1
Antimony	<1.2		1.2	0.24	mg/Kg	☆	05/20/22 09:23	05/23/22 18:31	1
<b>Arsenic</b>	<b>5.8</b>		0.61	0.21	mg/Kg	☆	05/20/22 09:23	05/23/22 18:31	1
<b>Barium</b>	<b>84</b>		0.61	0.069	mg/Kg	☆	05/20/22 09:23	05/23/22 18:31	1
<b>Beryllium</b>	<b>0.72</b>		0.24	0.057	mg/Kg	☆	05/20/22 09:23	05/23/22 18:31	1
<b>Cadmium</b>	<b>0.11</b>	<b>J B</b>	0.12	0.022	mg/Kg	☆	05/20/22 09:23	05/23/22 18:31	1
<b>Calcium</b>	<b>32000</b>	<b>B</b>	12	2.1	mg/Kg	☆	05/20/22 09:23	05/23/22 18:31	1
<b>Chromium</b>	<b>16</b>	<b>B</b>	0.61	0.30	mg/Kg	☆	05/20/22 09:23	05/23/22 18:31	1
<b>Cobalt</b>	<b>11</b>		0.30	0.080	mg/Kg	☆	05/20/22 09:23	05/23/22 18:31	1
<b>Copper</b>	<b>16</b>	<b>B</b>	0.61	0.17	mg/Kg	☆	05/20/22 09:23	05/23/22 18:31	1
<b>Iron</b>	<b>15000</b>	<b>B</b>	12	6.3	mg/Kg	☆	05/20/22 09:23	05/23/22 18:31	1
<b>Lead</b>	<b>16</b>		0.30	0.14	mg/Kg	☆	05/20/22 09:23	05/23/22 18:31	1
<b>Magnesium</b>	<b>18000</b>		6.1	3.0	mg/Kg	☆	05/20/22 09:23	05/23/22 18:31	1
<b>Manganese</b>	<b>460</b>		0.61	0.088	mg/Kg	☆	05/20/22 09:23	05/23/22 18:31	1
<b>Nickel</b>	<b>22</b>		0.61	0.18	mg/Kg	☆	05/20/22 09:23	05/23/22 18:31	1
<b>Potassium</b>	<b>1500</b>		30	11	mg/Kg	☆	05/20/22 09:23	05/23/22 18:31	1
Selenium	<0.61		0.61	0.36	mg/Kg	☆	05/20/22 09:23	05/23/22 18:31	1
<b>Silver</b>	<b>0.27</b>	<b>J</b>	0.30	0.079	mg/Kg	☆	05/20/22 09:23	05/23/22 18:31	1
<b>Sodium</b>	<b>360</b>		61	9.0	mg/Kg	☆	05/20/22 09:23	05/23/22 18:31	1
<b>Thallium</b>	<b>0.58</b>	<b>J</b>	0.61	0.30	mg/Kg	☆	05/20/22 09:23	05/23/22 18:31	1
<b>Vanadium</b>	<b>27</b>		0.30	0.072	mg/Kg	☆	05/20/22 09:23	05/23/22 18:31	1
<b>Zinc</b>	<b>54</b>		1.2	0.54	mg/Kg	☆	05/20/22 09:23	05/23/22 18:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/23/22 10:25	05/24/22 09:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/23/22 10:25	05/24/22 10:12	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.034</b>		0.020	0.0067	mg/Kg	☆	05/20/22 15:05	05/23/22 07:25	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>7.1</b>		0.2	0.2	SU			05/19/22 20:41	1

# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-134(0-4)-051322**

**Lab Sample ID: 500-216607-4**

**Date Collected: 05/13/22 12:10**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 82.7**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>0.025</b>		0.017	0.0073	mg/Kg	✳	05/14/22 09:17	05/25/22 12:29	1
Benzene	<0.0017		0.0017	0.00043	mg/Kg	✳	05/14/22 09:17	05/25/22 12:29	1
Bromodichloromethane	<0.0017		0.0017	0.00034	mg/Kg	✳	05/14/22 09:17	05/25/22 12:29	1
Bromoform	<0.0017		0.0017	0.00049	mg/Kg	✳	05/14/22 09:17	05/25/22 12:29	1
Bromomethane	<0.0042		0.0042	0.0016	mg/Kg	✳	05/14/22 09:17	05/25/22 12:29	1
Carbon disulfide	<0.0042		0.0042	0.00087	mg/Kg	✳	05/14/22 09:17	05/25/22 12:29	1
Carbon tetrachloride	<0.0017		0.0017	0.00049	mg/Kg	✳	05/14/22 09:17	05/25/22 12:29	1
Chlorobenzene	<0.0017		0.0017	0.00062	mg/Kg	✳	05/14/22 09:17	05/25/22 12:29	1
Chloroethane	<0.0042		0.0042	0.0012	mg/Kg	✳	05/14/22 09:17	05/25/22 12:29	1
Chloroform	<0.0017		0.0017	0.00058	mg/Kg	✳	05/14/22 09:17	05/25/22 12:29	1
Chloromethane	<0.0042		0.0042	0.0017	mg/Kg	✳	05/14/22 09:17	05/25/22 12:29	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00047	mg/Kg	✳	05/14/22 09:17	05/25/22 12:29	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00051	mg/Kg	✳	05/14/22 09:17	05/25/22 12:29	1
Dibromochloromethane	<0.0017		0.0017	0.00055	mg/Kg	✳	05/14/22 09:17	05/25/22 12:29	1
1,1-Dichloroethane	<0.0017		0.0017	0.00057	mg/Kg	✳	05/14/22 09:17	05/25/22 12:29	1
1,2-Dichloroethane	<0.0042		0.0042	0.0013	mg/Kg	✳	05/14/22 09:17	05/25/22 12:29	1
1,1-Dichloroethene	<0.0017		0.0017	0.00058	mg/Kg	✳	05/14/22 09:17	05/25/22 12:29	1
1,2-Dichloropropane	<0.0017		0.0017	0.00043	mg/Kg	✳	05/14/22 09:17	05/25/22 12:29	1
1,3-Dichloropropane, Total	<0.0017		0.0017	0.00059	mg/Kg	✳	05/14/22 09:17	05/25/22 12:29	1
Ethylbenzene	<0.0017		0.0017	0.00080	mg/Kg	✳	05/14/22 09:17	05/25/22 12:29	1
2-Hexanone	<0.0042		0.0042	0.0013	mg/Kg	✳	05/14/22 09:17	05/25/22 12:29	1
Methylene Chloride	<0.0042		0.0042	0.0017	mg/Kg	✳	05/14/22 09:17	05/25/22 12:29	1
<b>Methyl Ethyl Ketone</b>	<b>0.0039 J</b>		0.0042	0.0019	mg/Kg	✳	05/14/22 09:17	05/25/22 12:29	1
methyl isobutyl ketone	<0.0042		0.0042	0.0012	mg/Kg	✳	05/14/22 09:17	05/25/22 12:29	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00049	mg/Kg	✳	05/14/22 09:17	05/25/22 12:29	1
Styrene	<0.0017		0.0017	0.00051	mg/Kg	✳	05/14/22 09:17	05/25/22 12:29	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00054	mg/Kg	✳	05/14/22 09:17	05/25/22 12:29	1
Tetrachloroethene	<0.0017		0.0017	0.00057	mg/Kg	✳	05/14/22 09:17	05/25/22 12:29	1
Toluene	<0.0017		0.0017	0.00042	mg/Kg	✳	05/14/22 09:17	05/25/22 12:29	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00074	mg/Kg	✳	05/14/22 09:17	05/25/22 12:29	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00059	mg/Kg	✳	05/14/22 09:17	05/25/22 12:29	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00056	mg/Kg	✳	05/14/22 09:17	05/25/22 12:29	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00072	mg/Kg	✳	05/14/22 09:17	05/25/22 12:29	1
Trichloroethene	<0.0017		0.0017	0.00057	mg/Kg	✳	05/14/22 09:17	05/25/22 12:29	1
Vinyl chloride	<0.0017		0.0017	0.00074	mg/Kg	✳	05/14/22 09:17	05/25/22 12:29	1
Xylenes, Total	<0.0034		0.0034	0.00054	mg/Kg	✳	05/14/22 09:17	05/25/22 12:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		75 - 131	05/14/22 09:17	05/25/22 12:29	1
Dibromofluoromethane (Surr)	106		75 - 126	05/14/22 09:17	05/25/22 12:29	1
1,2-Dichloroethane-d4 (Surr)	119		70 - 134	05/14/22 09:17	05/25/22 12:29	1
Toluene-d8 (Surr)	99		75 - 124	05/14/22 09:17	05/25/22 12:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.043	mg/Kg	✳	05/26/22 14:04	05/27/22 13:57	1
1,2-Dichlorobenzene	<0.20		0.20	0.048	mg/Kg	✳	05/26/22 14:04	05/27/22 13:57	1
1,3-Dichlorobenzene	<0.20		0.20	0.045	mg/Kg	✳	05/26/22 14:04	05/27/22 13:57	1
1,4-Dichlorobenzene	<0.20		0.20	0.052	mg/Kg	✳	05/26/22 14:04	05/27/22 13:57	1
2,2'-oxybis[1-chloropropane]	<0.20	*+	0.20	0.047	mg/Kg	✳	05/26/22 14:04	05/27/22 13:57	1

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# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-134(0-4)-051322**

**Lab Sample ID: 500-216607-4**

**Date Collected: 05/13/22 12:10**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 82.7**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.40		0.40	0.092	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
2,4,6-Trichlorophenol	<0.40		0.40	0.14	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
2,4-Dichlorophenol	<0.40		0.40	0.095	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
2,4-Dimethylphenol	<0.40		0.40	0.15	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
2,4-Dinitrophenol	<0.81		0.81	0.71	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
2,4-Dinitrotoluene	<0.20		0.20	0.064	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
2,6-Dinitrotoluene	<0.20		0.20	0.079	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
2-Chlorophenol	<0.20		0.20	0.069	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
2-Methylnaphthalene	<0.081		0.081	0.0074	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
2-Methylphenol	<0.20		0.20	0.064	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
2-Nitroaniline	<0.20		0.20	0.054	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
2-Nitrophenol	<0.40		0.40	0.095	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
3 & 4 Methylphenol	<0.20		0.20	0.067	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.056	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
3-Nitroaniline	<0.40		0.40	0.12	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
4,6-Dinitro-2-methylphenol	<0.81		0.81	0.32	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.053	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
4-Chloro-3-methylphenol	<0.40		0.40	0.14	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
4-Chloroaniline	<0.81		0.81	0.19	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.047	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
4-Nitroaniline	<0.40		0.40	0.17	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
4-Nitrophenol	<0.81		0.81	0.38	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
Acenaphthene	<0.040		0.040	0.0072	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
Acenaphthylene	<0.040		0.040	0.0053	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
Anthracene	<0.040		0.040	0.0067	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
Benzo[a]anthracene	<0.040		0.040	0.0054	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
<b>Benzo[a]pyrene</b>	<b>0.0096</b>	<b>J</b>	0.040	0.0078	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
<b>Benzo[b]fluoranthene</b>	<b>0.012</b>	<b>J</b>	0.040	0.0087	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
Benzo[g,h,i]perylene	<0.040		0.040	0.013	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
Benzo[k]fluoranthene	<0.040		0.040	0.012	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.041	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
Bis(2-chloroethyl)ether	<0.20	+	0.20	0.060	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.073	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
Butyl benzyl phthalate	<0.20		0.20	0.076	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
Carbazole	<0.20		0.20	0.10	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
Chrysene	<0.040		0.040	0.011	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
Dibenz(a,h)anthracene	<0.040		0.040	0.0078	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
Dibenzofuran	<0.20		0.20	0.047	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
Diethyl phthalate	<0.20		0.20	0.068	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
Dimethyl phthalate	<0.20		0.20	0.052	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
Di-n-butyl phthalate	<0.20		0.20	0.061	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
Di-n-octyl phthalate	<0.20		0.20	0.066	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
<b>Fluoranthene</b>	<b>0.014</b>	<b>J</b>	0.040	0.0074	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
Fluorene	<0.040		0.040	0.0056	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
Hexachlorobenzene	<0.081		0.081	0.0093	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
Hexachlorobutadiene	<0.20		0.20	0.063	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
Hexachlorocyclopentadiene	<0.81	-	0.81	0.23	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
Hexachloroethane	<0.20		0.20	0.061	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1

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# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-134(0-4)-051322**

**Lab Sample ID: 500-216607-4**

**Date Collected: 05/13/22 12:10**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 82.7**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.040		0.040	0.010	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
Isophorone	<0.20		0.20	0.045	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
Naphthalene	<0.040		0.040	0.0062	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
Nitrobenzene	<0.040		0.040	0.010	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
N-Nitrosodi-n-propylamine	<0.081		0.081	0.049	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
N-Nitrosodiphenylamine	<0.20		0.20	0.047	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
Pentachlorophenol	<0.81		0.81	0.64	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
Phenanthrene	<0.040		0.040	0.0056	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
Phenol	<0.20		0.20	0.089	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1
Pyrene	<0.040		0.040	0.0080	mg/Kg	☼	05/26/22 14:04	05/27/22 13:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	84		31 - 143	05/26/22 14:04	05/27/22 13:57	1
2-Fluorobiphenyl (Surr)	84		43 - 145	05/26/22 14:04	05/27/22 13:57	1
2-Fluorophenol (Surr)	107		31 - 166	05/26/22 14:04	05/27/22 13:57	1
Nitrobenzene-d5 (Surr)	91		37 - 147	05/26/22 14:04	05/27/22 13:57	1
Phenol-d5 (Surr)	117		30 - 153	05/26/22 14:04	05/27/22 13:57	1
Terphenyl-d14 (Surr)	114		42 - 157	05/26/22 14:04	05/27/22 13:57	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		05/21/22 12:12	05/23/22 13:30	1
<b>Barium</b>	<b>0.90</b>		0.50	0.050	mg/L		05/21/22 12:12	05/23/22 13:30	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/21/22 12:12	05/23/22 13:30	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/21/22 12:12	05/23/22 13:30	1
Chromium	<0.025		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 13:30	1
<b>Cobalt</b>	<b>0.024 J</b>		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 13:30	1
Copper	<0.025		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 13:30	1
Iron	<0.40		0.40	0.20	mg/L		05/21/22 12:12	05/23/22 13:30	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/21/22 12:12	05/23/22 13:30	1
<b>Manganese</b>	<b>12</b>		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 13:30	1
<b>Nickel</b>	<b>0.020 J</b>		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 13:30	1
Selenium	<0.050		0.050	0.020	mg/L		05/21/22 12:12	05/23/22 13:30	1
Silver	<0.025		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 13:30	1
<b>Zinc</b>	<b>0.032 J</b>		0.50	0.020	mg/L		05/21/22 12:12	05/23/22 13:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.095</b>		0.050	0.010	mg/L		05/21/22 12:16	05/23/22 21:14	1
<b>Barium</b>	<b>1.0</b>		0.50	0.050	mg/L		05/21/22 12:16	05/23/22 21:14	1
<b>Beryllium</b>	<b>0.0098</b>		0.0040	0.0040	mg/L		05/21/22 12:16	05/23/22 21:14	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/21/22 12:16	05/23/22 21:14	1
<b>Chromium</b>	<b>0.19</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:14	1
<b>Cobalt</b>	<b>0.088</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:14	1
<b>Copper</b>	<b>0.24</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:14	1
<b>Iron</b>	<b>220</b>		0.40	0.20	mg/L		05/21/22 12:16	05/23/22 21:14	1
<b>Lead</b>	<b>0.15</b>		0.0075	0.0075	mg/L		05/21/22 12:16	05/23/22 21:14	1
<b>Manganese</b>	<b>2.7</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:14	1
<b>Nickel</b>	<b>0.22</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:14	1
Selenium	<0.050		0.050	0.020	mg/L		05/21/22 12:16	05/23/22 21:14	1

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# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-134(0-4)-051322**

**Lab Sample ID: 500-216607-4**

Date Collected: 05/13/22 12:10

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 82.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:14	1
Zinc	0.59		0.50	0.020	mg/L		05/21/22 12:16	05/23/22 21:14	1

### Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	12000		12	4.8	mg/Kg	☆	05/20/22 09:23	05/23/22 18:35	1
Antimony	0.24	J	1.2	0.23	mg/Kg	☆	05/20/22 09:23	05/23/22 18:35	1
Arsenic	8.1		0.59	0.20	mg/Kg	☆	05/20/22 09:23	05/23/22 18:35	1
Barium	83		0.59	0.067	mg/Kg	☆	05/20/22 09:23	05/23/22 18:35	1
Beryllium	0.83		0.24	0.055	mg/Kg	☆	05/20/22 09:23	05/23/22 18:35	1
Cadmium	0.066	J B	0.12	0.021	mg/Kg	☆	05/20/22 09:23	05/23/22 18:35	1
Calcium	24000	B	12	2.0	mg/Kg	☆	05/20/22 09:23	05/23/22 18:35	1
Chromium	18	B	0.59	0.29	mg/Kg	☆	05/20/22 09:23	05/23/22 18:35	1
Cobalt	12		0.30	0.077	mg/Kg	☆	05/20/22 09:23	05/23/22 18:35	1
Copper	20	B	0.59	0.17	mg/Kg	☆	05/20/22 09:23	05/23/22 18:35	1
Iron	22000	B	12	6.2	mg/Kg	☆	05/20/22 09:23	05/23/22 18:35	1
Lead	14		0.30	0.14	mg/Kg	☆	05/20/22 09:23	05/23/22 18:35	1
Magnesium	14000		5.9	2.9	mg/Kg	☆	05/20/22 09:23	05/23/22 18:35	1
Manganese	540		0.59	0.086	mg/Kg	☆	05/20/22 09:23	05/23/22 18:35	1
Nickel	27		0.59	0.17	mg/Kg	☆	05/20/22 09:23	05/23/22 18:35	1
Potassium	1400		30	10	mg/Kg	☆	05/20/22 09:23	05/23/22 18:35	1
Selenium	<0.59		0.59	0.35	mg/Kg	☆	05/20/22 09:23	05/23/22 18:35	1
Silver	0.35		0.30	0.076	mg/Kg	☆	05/20/22 09:23	05/23/22 18:35	1
Sodium	2000		59	8.8	mg/Kg	☆	05/20/22 09:23	05/23/22 18:35	1
Thallium	0.69		0.59	0.30	mg/Kg	☆	05/20/22 09:23	05/23/22 18:35	1
Vanadium	24		0.30	0.070	mg/Kg	☆	05/20/22 09:23	05/23/22 18:35	1
Zinc	65		1.2	0.52	mg/Kg	☆	05/20/22 09:23	05/23/22 18:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/23/22 10:25	05/24/22 09:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/23/22 10:25	05/24/22 10:15	1

### Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.041		0.019	0.0063	mg/Kg	☆	05/20/22 15:05	05/23/22 07:27	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.3		0.2	0.2	SU			05/19/22 20:46	1

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# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-134(4-9)-051322**

**Lab Sample ID: 500-216607-5**

Date Collected: 05/13/22 12:15

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 79.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>0.051</b>	<b>*+</b>	0.018	0.0080	mg/Kg	☼	05/14/22 09:17	05/24/22 16:34	1
Benzene	<0.0018		0.0018	0.00047	mg/Kg	☼	05/14/22 09:17	05/24/22 16:34	1
Bromodichloromethane	<0.0018		0.0018	0.00037	mg/Kg	☼	05/14/22 09:17	05/24/22 16:34	1
Bromoform	<0.0018		0.0018	0.00053	mg/Kg	☼	05/14/22 09:17	05/24/22 16:34	1
Bromomethane	<0.0046		0.0046	0.0017	mg/Kg	☼	05/14/22 09:17	05/24/22 16:34	1
Carbon disulfide	<0.0046		0.0046	0.00095	mg/Kg	☼	05/14/22 09:17	05/24/22 16:34	1
Carbon tetrachloride	<0.0018		0.0018	0.00053	mg/Kg	☼	05/14/22 09:17	05/24/22 16:34	1
Chlorobenzene	<0.0018		0.0018	0.00067	mg/Kg	☼	05/14/22 09:17	05/24/22 16:34	1
Chloroethane	<0.0046		0.0046	0.0014	mg/Kg	☼	05/14/22 09:17	05/24/22 16:34	1
Chloroform	<0.0018		0.0018	0.00063	mg/Kg	☼	05/14/22 09:17	05/24/22 16:34	1
Chloromethane	<0.0046		0.0046	0.0018	mg/Kg	☼	05/14/22 09:17	05/24/22 16:34	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00051	mg/Kg	☼	05/14/22 09:17	05/24/22 16:34	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00055	mg/Kg	☼	05/14/22 09:17	05/24/22 16:34	1
Dibromochloromethane	<0.0018		0.0018	0.00060	mg/Kg	☼	05/14/22 09:17	05/24/22 16:34	1
1,1-Dichloroethane	<0.0018		0.0018	0.00063	mg/Kg	☼	05/14/22 09:17	05/24/22 16:34	1
1,2-Dichloroethane	<0.0046		0.0046	0.0014	mg/Kg	☼	05/14/22 09:17	05/24/22 16:34	1
1,1-Dichloroethene	<0.0018		0.0018	0.00063	mg/Kg	☼	05/14/22 09:17	05/24/22 16:34	1
1,2-Dichloropropane	<0.0018		0.0018	0.00047	mg/Kg	☼	05/14/22 09:17	05/24/22 16:34	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00064	mg/Kg	☼	05/14/22 09:17	05/24/22 16:34	1
Ethylbenzene	<0.0018		0.0018	0.00087	mg/Kg	☼	05/14/22 09:17	05/24/22 16:34	1
2-Hexanone	<0.0046	<b>*+</b>	0.0046	0.0014	mg/Kg	☼	05/14/22 09:17	05/24/22 16:34	1
Methylene Chloride	<0.0046		0.0046	0.0018	mg/Kg	☼	05/14/22 09:17	05/24/22 16:34	1
<b>Methyl Ethyl Ketone</b>	<b>0.0042</b>	<b>J**</b>	0.0046	0.0020	mg/Kg	☼	05/14/22 09:17	05/24/22 16:34	1
methyl isobutyl ketone	<0.0046		0.0046	0.0014	mg/Kg	☼	05/14/22 09:17	05/24/22 16:34	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00054	mg/Kg	☼	05/14/22 09:17	05/24/22 16:34	1
Styrene	<0.0018		0.0018	0.00055	mg/Kg	☼	05/14/22 09:17	05/24/22 16:34	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00058	mg/Kg	☼	05/14/22 09:17	05/24/22 16:34	1
Tetrachloroethene	<0.0018		0.0018	0.00062	mg/Kg	☼	05/14/22 09:17	05/24/22 16:34	1
Toluene	<0.0018		0.0018	0.00046	mg/Kg	☼	05/14/22 09:17	05/24/22 16:34	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00081	mg/Kg	☼	05/14/22 09:17	05/24/22 16:34	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00064	mg/Kg	☼	05/14/22 09:17	05/24/22 16:34	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00061	mg/Kg	☼	05/14/22 09:17	05/24/22 16:34	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00078	mg/Kg	☼	05/14/22 09:17	05/24/22 16:34	1
<b>Trichloroethene</b>	<b>0.00080</b>	<b>J</b>	0.0018	0.00062	mg/Kg	☼	05/14/22 09:17	05/24/22 16:34	1
Vinyl chloride	<0.0018		0.0018	0.00081	mg/Kg	☼	05/14/22 09:17	05/24/22 16:34	1
Xylenes, Total	<0.0037		0.0037	0.00058	mg/Kg	☼	05/14/22 09:17	05/24/22 16:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		75 - 131	05/14/22 09:17	05/24/22 16:34	1
Dibromofluoromethane (Surr)	117		75 - 126	05/14/22 09:17	05/24/22 16:34	1
1,2-Dichloroethane-d4 (Surr)	115		70 - 134	05/14/22 09:17	05/24/22 16:34	1
Toluene-d8 (Surr)	113		75 - 124	05/14/22 09:17	05/24/22 16:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.21		0.21	0.044	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
1,2-Dichlorobenzene	<0.21		0.21	0.049	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
1,3-Dichlorobenzene	<0.21		0.21	0.046	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
1,4-Dichlorobenzene	<0.21		0.21	0.053	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
2,2'-oxybis[1-chloropropane]	<0.21	<b>*+</b>	0.21	0.048	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1

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# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-134(4-9)-051322**

**Lab Sample ID: 500-216607-5**

**Date Collected: 05/13/22 12:15**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 79.5**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.41		0.41	0.094	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
2,4,6-Trichlorophenol	<0.41		0.41	0.14	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
2,4-Dichlorophenol	<0.41		0.41	0.098	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
2,4-Dimethylphenol	<0.41		0.41	0.16	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
2,4-Dinitrophenol	<0.83		0.83	0.72	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
2,4-Dinitrotoluene	<0.21		0.21	0.065	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
2,6-Dinitrotoluene	<0.21		0.21	0.081	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
2-Chloronaphthalene	<0.21		0.21	0.045	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
2-Chlorophenol	<0.21		0.21	0.070	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
2-Methylnaphthalene	<0.083		0.083	0.0076	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
2-Methylphenol	<0.21		0.21	0.066	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
2-Nitroaniline	<0.21		0.21	0.055	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
2-Nitrophenol	<0.41		0.41	0.097	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
3 & 4 Methylphenol	<0.21		0.21	0.068	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
3,3'-Dichlorobenzidine	<0.21		0.21	0.057	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
3-Nitroaniline	<0.41		0.41	0.13	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
4,6-Dinitro-2-methylphenol	<0.83		0.83	0.33	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
4-Bromophenyl phenyl ether	<0.21		0.21	0.054	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
4-Chloro-3-methylphenol	<0.41		0.41	0.14	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
4-Chloroaniline	<0.83		0.83	0.19	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
4-Chlorophenyl phenyl ether	<0.21		0.21	0.048	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
4-Nitroaniline	<0.41		0.41	0.17	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
4-Nitrophenol	<0.83		0.83	0.39	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
Acenaphthene	<0.041		0.041	0.0074	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
Acenaphthylene	<0.041		0.041	0.0054	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
Anthracene	<0.041		0.041	0.0069	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
Benzo[a]anthracene	<0.041		0.041	0.0055	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
Benzo[a]pyrene	<0.041		0.041	0.0079	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
Benzo[b]fluoranthene	<0.041		0.041	0.0089	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
Benzo[g,h,i]perylene	<0.041		0.041	0.013	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
Benzo[k]fluoranthene	<0.041		0.041	0.012	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
Bis(2-chloroethoxy)methane	<0.21		0.21	0.042	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
Bis(2-chloroethyl)ether	<0.21	+	0.21	0.062	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
Bis(2-ethylhexyl) phthalate	<0.21		0.21	0.075	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
Butyl benzyl phthalate	<0.21		0.21	0.078	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
Carbazole	<0.21		0.21	0.10	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
Chrysene	<0.041		0.041	0.011	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
Dibenz(a,h)anthracene	<0.041		0.041	0.0079	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
Dibenzofuran	<0.21		0.21	0.048	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
Diethyl phthalate	<0.21		0.21	0.070	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
Dimethyl phthalate	<0.21		0.21	0.054	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
Di-n-butyl phthalate	<0.21		0.21	0.063	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
Di-n-octyl phthalate	<0.21		0.21	0.067	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
<b>Fluoranthene</b>	<b>0.012</b>	<b>J</b>	0.041	0.0076	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
Fluorene	<0.041		0.041	0.0058	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
Hexachlorobenzene	<0.083		0.083	0.0095	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
Hexachlorobutadiene	<0.21		0.21	0.065	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
Hexachlorocyclopentadiene	<0.83	-	0.83	0.24	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
Hexachloroethane	<0.21		0.21	0.062	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1

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# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-134(4-9)-051322**

**Lab Sample ID: 500-216607-5**

Date Collected: 05/13/22 12:15

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 79.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.041		0.041	0.011	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
Isophorone	<0.21		0.21	0.046	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
Naphthalene	<0.041		0.041	0.0063	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
Nitrobenzene	<0.041		0.041	0.010	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
N-Nitrosodi-n-propylamine	<0.083		0.083	0.050	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
N-Nitrosodiphenylamine	<0.21		0.21	0.048	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
Pentachlorophenol	<0.83		0.83	0.66	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
Phenanthrene	<0.041		0.041	0.0057	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
Phenol	<0.21		0.21	0.091	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1
Pyrene	<0.041		0.041	0.0082	mg/Kg	☼	05/26/22 14:04	05/27/22 14:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	78		31 - 143	05/26/22 14:04	05/27/22 14:40	1
2-Fluorobiphenyl (Surr)	92		43 - 145	05/26/22 14:04	05/27/22 14:40	1
2-Fluorophenol (Surr)	113		31 - 166	05/26/22 14:04	05/27/22 14:40	1
Nitrobenzene-d5 (Surr)	97		37 - 147	05/26/22 14:04	05/27/22 14:40	1
Phenol-d5 (Surr)	53		30 - 153	05/26/22 14:04	05/27/22 14:40	1
Terphenyl-d14 (Surr)	131		42 - 157	05/26/22 14:04	05/27/22 14:40	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		05/21/22 12:12	05/23/22 13:33	1
<b>Barium</b>	<b>0.54</b>		0.50	0.050	mg/L		05/21/22 12:12	05/23/22 13:33	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/21/22 12:12	05/23/22 13:33	1
<b>Cadmium</b>	<b>0.0025 J</b>		0.0050	0.0020	mg/L		05/21/22 12:12	05/23/22 13:33	1
Chromium	<0.025		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 13:33	1
<b>Cobalt</b>	<b>0.060</b>		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 13:33	1
<b>Copper</b>	<b>0.018 J</b>		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 13:33	1
<b>Iron</b>	<b>0.53</b>		0.40	0.20	mg/L		05/21/22 12:12	05/23/22 13:33	1
<b>Lead</b>	<b>0.016</b>		0.0075	0.0075	mg/L		05/21/22 12:12	05/23/22 13:33	1
<b>Manganese</b>	<b>5.8</b>		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 13:33	1
<b>Nickel</b>	<b>0.041</b>		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 13:33	1
Selenium	<0.050		0.050	0.020	mg/L		05/21/22 12:12	05/23/22 13:33	1
Silver	<0.025		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 13:33	1
<b>Zinc</b>	<b>0.067 J</b>		0.50	0.020	mg/L		05/21/22 12:12	05/23/22 13:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.045 J</b>		0.050	0.010	mg/L		05/21/22 12:16	05/23/22 21:17	1
<b>Barium</b>	<b>0.40 J</b>		0.50	0.050	mg/L		05/21/22 12:16	05/23/22 21:17	1
<b>Beryllium</b>	<b>0.0049</b>		0.0040	0.0040	mg/L		05/21/22 12:16	05/23/22 21:17	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/21/22 12:16	05/23/22 21:17	1
<b>Chromium</b>	<b>0.11</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:17	1
<b>Cobalt</b>	<b>0.033</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:17	1
<b>Copper</b>	<b>0.11</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:17	1
<b>Iron</b>	<b>110</b>		0.40	0.20	mg/L		05/21/22 12:16	05/23/22 21:17	1
<b>Lead</b>	<b>0.051</b>		0.0075	0.0075	mg/L		05/21/22 12:16	05/23/22 21:17	1
<b>Manganese</b>	<b>0.56</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:17	1
<b>Nickel</b>	<b>0.091</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:17	1
Selenium	<0.050		0.050	0.020	mg/L		05/21/22 12:16	05/23/22 21:17	1

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# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-134(4-9)-051322**

**Lab Sample ID: 500-216607-5**

Date Collected: 05/13/22 12:15

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 79.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:17	1
Zinc	0.24	J	0.50	0.020	mg/L		05/21/22 12:16	05/23/22 21:17	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	13000		12	4.7	mg/Kg	☆	05/20/22 09:23	05/23/22 18:38	1
Antimony	0.30	J	1.2	0.22	mg/Kg	☆	05/20/22 09:23	05/23/22 18:38	1
Arsenic	9.4		0.58	0.20	mg/Kg	☆	05/20/22 09:23	05/23/22 18:38	1
Barium	77		0.58	0.066	mg/Kg	☆	05/20/22 09:23	05/23/22 18:38	1
Beryllium	0.92		0.23	0.054	mg/Kg	☆	05/20/22 09:23	05/23/22 18:38	1
Cadmium	0.079	J B	0.12	0.021	mg/Kg	☆	05/20/22 09:23	05/23/22 18:38	1
Calcium	3700	B	12	2.0	mg/Kg	☆	05/20/22 09:23	05/23/22 18:38	1
Chromium	19	B	0.58	0.29	mg/Kg	☆	05/20/22 09:23	05/23/22 18:38	1
Cobalt	14		0.29	0.076	mg/Kg	☆	05/20/22 09:23	05/23/22 18:38	1
Copper	21	B	0.58	0.16	mg/Kg	☆	05/20/22 09:23	05/23/22 18:38	1
Iron	22000	B	12	6.0	mg/Kg	☆	05/20/22 09:23	05/23/22 18:38	1
Lead	13		0.29	0.13	mg/Kg	☆	05/20/22 09:23	05/23/22 18:38	1
Magnesium	3400		5.8	2.9	mg/Kg	☆	05/20/22 09:23	05/23/22 18:38	1
Manganese	450		0.58	0.084	mg/Kg	☆	05/20/22 09:23	05/23/22 18:38	1
Nickel	29		0.58	0.17	mg/Kg	☆	05/20/22 09:23	05/23/22 18:38	1
Potassium	920		29	10	mg/Kg	☆	05/20/22 09:23	05/23/22 18:38	1
Selenium	<0.58		0.58	0.34	mg/Kg	☆	05/20/22 09:23	05/23/22 18:38	1
Silver	0.55		0.29	0.075	mg/Kg	☆	05/20/22 09:23	05/23/22 18:38	1
Sodium	730		58	8.6	mg/Kg	☆	05/20/22 09:23	05/23/22 18:38	1
Thallium	0.58		0.58	0.29	mg/Kg	☆	05/20/22 09:23	05/23/22 18:38	1
Vanadium	33		0.29	0.068	mg/Kg	☆	05/20/22 09:23	05/23/22 18:38	1
Zinc	60		1.2	0.51	mg/Kg	☆	05/20/22 09:23	05/23/22 18:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/23/22 10:25	05/24/22 09:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/23/22 10:25	05/24/22 10:17	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.073		0.020	0.0065	mg/Kg	☆	05/20/22 15:05	05/23/22 07:29	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.5		0.2	0.2	SU			05/19/22 20:48	1

# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-136(0-4)-051322**

**Lab Sample ID: 500-216607-6**

Date Collected: 05/13/22 12:20

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 83.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>0.034</b>	<b>*+</b>	0.017	0.0076	mg/Kg	☼	05/14/22 09:17	05/24/22 16:58	1
Benzene	<0.0017		0.0017	0.00044	mg/Kg	☼	05/14/22 09:17	05/24/22 16:58	1
Bromodichloromethane	<0.0017		0.0017	0.00035	mg/Kg	☼	05/14/22 09:17	05/24/22 16:58	1
Bromoform	<0.0017		0.0017	0.00051	mg/Kg	☼	05/14/22 09:17	05/24/22 16:58	1
Bromomethane	<0.0043		0.0043	0.0016	mg/Kg	☼	05/14/22 09:17	05/24/22 16:58	1
Carbon disulfide	<0.0043		0.0043	0.00090	mg/Kg	☼	05/14/22 09:17	05/24/22 16:58	1
Carbon tetrachloride	<0.0017		0.0017	0.00050	mg/Kg	☼	05/14/22 09:17	05/24/22 16:58	1
Chlorobenzene	<0.0017		0.0017	0.00064	mg/Kg	☼	05/14/22 09:17	05/24/22 16:58	1
Chloroethane	<0.0043		0.0043	0.0013	mg/Kg	☼	05/14/22 09:17	05/24/22 16:58	1
Chloroform	<0.0017		0.0017	0.00060	mg/Kg	☼	05/14/22 09:17	05/24/22 16:58	1
Chloromethane	<0.0043		0.0043	0.0017	mg/Kg	☼	05/14/22 09:17	05/24/22 16:58	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00049	mg/Kg	☼	05/14/22 09:17	05/24/22 16:58	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00052	mg/Kg	☼	05/14/22 09:17	05/24/22 16:58	1
Dibromochloromethane	<0.0017		0.0017	0.00057	mg/Kg	☼	05/14/22 09:17	05/24/22 16:58	1
1,1-Dichloroethane	<0.0017		0.0017	0.00059	mg/Kg	☼	05/14/22 09:17	05/24/22 16:58	1
1,2-Dichloroethane	<0.0043		0.0043	0.0014	mg/Kg	☼	05/14/22 09:17	05/24/22 16:58	1
1,1-Dichloroethene	<0.0017		0.0017	0.00060	mg/Kg	☼	05/14/22 09:17	05/24/22 16:58	1
1,2-Dichloropropane	<0.0017		0.0017	0.00045	mg/Kg	☼	05/14/22 09:17	05/24/22 16:58	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00061	mg/Kg	☼	05/14/22 09:17	05/24/22 16:58	1
Ethylbenzene	<0.0017		0.0017	0.00083	mg/Kg	☼	05/14/22 09:17	05/24/22 16:58	1
2-Hexanone	<0.0043	<b>*+</b>	0.0043	0.0014	mg/Kg	☼	05/14/22 09:17	05/24/22 16:58	1
Methylene Chloride	<0.0043		0.0043	0.0017	mg/Kg	☼	05/14/22 09:17	05/24/22 16:58	1
<b>Methyl Ethyl Ketone</b>	<b>0.0040</b>	<b>J**</b>	0.0043	0.0019	mg/Kg	☼	05/14/22 09:17	05/24/22 16:58	1
methyl isobutyl ketone	<0.0043		0.0043	0.0013	mg/Kg	☼	05/14/22 09:17	05/24/22 16:58	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00051	mg/Kg	☼	05/14/22 09:17	05/24/22 16:58	1
Styrene	<0.0017		0.0017	0.00052	mg/Kg	☼	05/14/22 09:17	05/24/22 16:58	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00055	mg/Kg	☼	05/14/22 09:17	05/24/22 16:58	1
Tetrachloroethene	<0.0017		0.0017	0.00059	mg/Kg	☼	05/14/22 09:17	05/24/22 16:58	1
Toluene	<0.0017		0.0017	0.00044	mg/Kg	☼	05/14/22 09:17	05/24/22 16:58	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00077	mg/Kg	☼	05/14/22 09:17	05/24/22 16:58	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00061	mg/Kg	☼	05/14/22 09:17	05/24/22 16:58	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00058	mg/Kg	☼	05/14/22 09:17	05/24/22 16:58	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00074	mg/Kg	☼	05/14/22 09:17	05/24/22 16:58	1
Trichloroethene	<0.0017		0.0017	0.00059	mg/Kg	☼	05/14/22 09:17	05/24/22 16:58	1
Vinyl chloride	<0.0017		0.0017	0.00077	mg/Kg	☼	05/14/22 09:17	05/24/22 16:58	1
Xylenes, Total	<0.0035		0.0035	0.00056	mg/Kg	☼	05/14/22 09:17	05/24/22 16:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		75 - 131	05/14/22 09:17	05/24/22 16:58	1
Dibromofluoromethane (Surr)	119		75 - 126	05/14/22 09:17	05/24/22 16:58	1
1,2-Dichloroethane-d4 (Surr)	117		70 - 134	05/14/22 09:17	05/24/22 16:58	1
Toluene-d8 (Surr)	115		75 - 124	05/14/22 09:17	05/24/22 16:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
2,2'-oxybis[1-chloropropane]	<0.19	<b>*+</b>	0.19	0.043	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1

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# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-136(0-4)-051322**

**Lab Sample ID: 500-216607-6**

**Date Collected: 05/13/22 12:20**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 83.5**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.085	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
2,4-Dichlorophenol	<0.37		0.37	0.089	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
2,4-Dinitrophenol	<0.75		0.75	0.66	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
2,4-Dinitrotoluene	<0.19		0.19	0.059	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
2,6-Dinitrotoluene	<0.19		0.19	0.074	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
2-Chlorophenol	<0.19		0.19	0.064	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
2-Methylnaphthalene	<0.075		0.075	0.0069	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
2-Nitrophenol	<0.37		0.37	0.088	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
3 & 4 Methylphenol	<0.19		0.19	0.062	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.052	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.30	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
4-Chloroaniline	<0.75		0.75	0.18	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
4-Nitrophenol	<0.75		0.75	0.36	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
Acenaphthene	<0.037		0.037	0.0067	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
<b>Acenaphthylene</b>	<b>0.0077</b>	<b>J</b>	0.037	0.0049	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
<b>Anthracene</b>	<b>0.013</b>	<b>J</b>	0.037	0.0062	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
<b>Benzo[a]anthracene</b>	<b>0.055</b>		0.037	0.0050	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
<b>Benzo[a]pyrene</b>	<b>0.099</b>	<b>*3</b>	0.037	0.0072	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
<b>Benzo[b]fluoranthene</b>	<b>0.14</b>	<b>*3</b>	0.037	0.0081	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
<b>Benzo[g,h,i]perylene</b>	<b>0.042</b>	<b>*3</b>	0.037	0.012	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
<b>Benzo[k]fluoranthene</b>	<b>0.040</b>	<b>*3</b>	0.037	0.011	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
Bis(2-chloroethyl)ether	<0.19	<b>+</b>	0.19	0.056	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
<b>Bis(2-ethylhexyl) phthalate</b>	<b>0.15</b>	<b>J</b>	0.19	0.068	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
Butyl benzyl phthalate	<0.19		0.19	0.071	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
Carbazole	<0.19		0.19	0.093	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
<b>Chrysene</b>	<b>0.077</b>		0.037	0.010	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
<b>Dibenz(a,h)anthracene</b>	<b>0.011</b>	<b>J *3</b>	0.037	0.0072	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
Diethyl phthalate	<0.19		0.19	0.063	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
<b>Fluoranthene</b>	<b>0.14</b>		0.037	0.0069	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
Fluorene	<0.037		0.037	0.0053	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
Hexachlorobenzene	<0.075		0.075	0.0087	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
Hexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
Hexachlorocyclopentadiene	<0.75	<b>-</b>	0.75	0.22	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
Hexachloroethane	<0.19		0.19	0.057	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1

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# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-136(0-4)-051322**

**Lab Sample ID: 500-216607-6**

**Date Collected: 05/13/22 12:20**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 83.5**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.046</b>	<b>*3</b>	0.037	0.0097	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
Naphthalene	<0.037		0.037	0.0058	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
Nitrobenzene	<0.037		0.037	0.0093	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.046	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
Pentachlorophenol	<0.75		0.75	0.60	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
<b>Phenanthrene</b>	<b>0.055</b>		0.037	0.0052	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
Phenol	<0.19		0.19	0.083	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
<b>Pyrene</b>	<b>0.14</b>		0.037	0.0074	mg/Kg	☼	05/26/22 14:04	05/27/22 15:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	82		31 - 143				05/26/22 14:04	05/27/22 15:02	1
2-Fluorobiphenyl (Surr)	82		43 - 145				05/26/22 14:04	05/27/22 15:02	1
2-Fluorophenol (Surr)	105		31 - 166				05/26/22 14:04	05/27/22 15:02	1
Nitrobenzene-d5 (Surr)	80		37 - 147				05/26/22 14:04	05/27/22 15:02	1
Phenol-d5 (Surr)	120		30 - 153				05/26/22 14:04	05/27/22 15:02	1
Terphenyl-d14 (Surr)	145		42 - 157				05/26/22 14:04	05/27/22 15:02	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		05/21/22 12:12	05/23/22 13:43	1
<b>Barium</b>	<b>1.0</b>		0.50	0.050	mg/L		05/21/22 12:12	05/23/22 13:43	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/21/22 12:12	05/23/22 13:43	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/21/22 12:12	05/23/22 13:43	1
Chromium	<0.025		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 13:43	1
<b>Cobalt</b>	<b>0.030</b>		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 13:43	1
Copper	<0.025		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 13:43	1
<b>Iron</b>	<b>0.45</b>		0.40	0.20	mg/L		05/21/22 12:12	05/23/22 13:43	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/21/22 12:12	05/23/22 13:43	1
<b>Manganese</b>	<b>5.0</b>		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 13:43	1
<b>Nickel</b>	<b>0.014</b>	<b>J</b>	0.025	0.010	mg/L		05/21/22 12:12	05/23/22 13:43	1
Selenium	<0.050		0.050	0.020	mg/L		05/21/22 12:12	05/23/22 13:43	1
Silver	<0.025		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 13:43	1
<b>Zinc</b>	<b>0.13</b>	<b>J</b>	0.50	0.020	mg/L		05/21/22 12:12	05/23/22 13:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.10</b>		0.050	0.010	mg/L		05/21/22 12:16	05/23/22 21:20	1
<b>Barium</b>	<b>1.4</b>		0.50	0.050	mg/L		05/21/22 12:16	05/23/22 21:20	1
<b>Beryllium</b>	<b>0.011</b>		0.0040	0.0040	mg/L		05/21/22 12:16	05/23/22 21:20	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/21/22 12:16	05/23/22 21:20	1
<b>Chromium</b>	<b>0.21</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:20	1
<b>Cobalt</b>	<b>0.090</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:20	1
<b>Copper</b>	<b>0.26</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:20	1
<b>Iron</b>	<b>250</b>		0.40	0.20	mg/L		05/21/22 12:16	05/23/22 21:20	1
<b>Lead</b>	<b>0.18</b>		0.0075	0.0075	mg/L		05/21/22 12:16	05/23/22 21:20	1
<b>Manganese</b>	<b>2.8</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:20	1
<b>Nickel</b>	<b>0.22</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:20	1
Selenium	<0.050		0.050	0.020	mg/L		05/21/22 12:16	05/23/22 21:20	1

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# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-136(0-4)-051322**

**Lab Sample ID: 500-216607-6**

Date Collected: 05/13/22 12:20

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 83.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:20	1
<b>Zinc</b>	<b>0.68</b>		0.50	0.020	mg/L		05/21/22 12:16	05/23/22 21:20	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>9700</b>		12	4.7	mg/Kg	☆	05/20/22 09:23	05/23/22 18:51	1
Antimony	<1.2		1.2	0.22	mg/Kg	☆	05/20/22 09:23	05/23/22 18:51	1
<b>Arsenic</b>	<b>6.1</b>		0.58	0.20	mg/Kg	☆	05/20/22 09:23	05/23/22 18:51	1
<b>Barium</b>	<b>78</b>		0.58	0.066	mg/Kg	☆	05/20/22 09:23	05/23/22 18:51	1
<b>Beryllium</b>	<b>0.67</b>		0.23	0.054	mg/Kg	☆	05/20/22 09:23	05/23/22 18:51	1
<b>Cadmium</b>	<b>0.21</b>	<b>B</b>	0.12	0.021	mg/Kg	☆	05/20/22 09:23	05/23/22 18:51	1
<b>Calcium</b>	<b>65000</b>	<b>B</b>	58	9.8	mg/Kg	☆	05/20/22 09:23	05/24/22 12:09	5
<b>Chromium</b>	<b>17</b>	<b>B</b>	0.58	0.29	mg/Kg	☆	05/20/22 09:23	05/23/22 18:51	1
<b>Cobalt</b>	<b>9.4</b>		0.29	0.075	mg/Kg	☆	05/20/22 09:23	05/23/22 18:51	1
<b>Copper</b>	<b>21</b>	<b>B</b>	0.58	0.16	mg/Kg	☆	05/20/22 09:23	05/23/22 18:51	1
<b>Iron</b>	<b>16000</b>	<b>B</b>	12	6.0	mg/Kg	☆	05/20/22 09:23	05/23/22 18:51	1
<b>Lead</b>	<b>15</b>		0.29	0.13	mg/Kg	☆	05/20/22 09:23	05/23/22 18:51	1
<b>Magnesium</b>	<b>29000</b>		5.8	2.9	mg/Kg	☆	05/20/22 09:23	05/23/22 18:51	1
<b>Manganese</b>	<b>370</b>		0.58	0.083	mg/Kg	☆	05/20/22 09:23	05/23/22 18:51	1
<b>Nickel</b>	<b>22</b>		0.58	0.17	mg/Kg	☆	05/20/22 09:23	05/23/22 18:51	1
<b>Potassium</b>	<b>1200</b>		29	10	mg/Kg	☆	05/20/22 09:23	05/23/22 18:51	1
<b>Selenium</b>	<b>0.54</b>	<b>J</b>	0.58	0.34	mg/Kg	☆	05/20/22 09:23	05/23/22 18:51	1
<b>Silver</b>	<b>0.24</b>	<b>J</b>	0.29	0.074	mg/Kg	☆	05/20/22 09:23	05/23/22 18:51	1
<b>Sodium</b>	<b>2000</b>		58	8.5	mg/Kg	☆	05/20/22 09:23	05/23/22 18:51	1
<b>Thallium</b>	<b>0.58</b>		0.58	0.29	mg/Kg	☆	05/20/22 09:23	05/23/22 18:51	1
<b>Vanadium</b>	<b>23</b>		0.29	0.068	mg/Kg	☆	05/20/22 09:23	05/23/22 18:51	1
<b>Zinc</b>	<b>77</b>		1.2	0.51	mg/Kg	☆	05/20/22 09:23	05/23/22 18:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/23/22 10:25	05/24/22 09:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/23/22 10:25	05/24/22 10:19	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.033</b>		0.018	0.0059	mg/Kg	☆	05/20/22 15:05	05/23/22 07:35	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.3</b>		0.2	0.2	SU			05/19/22 20:51	1

# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-136(4-9)-051322**

**Lab Sample ID: 500-216607-7**

**Date Collected: 05/13/22 12:25**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 77.2**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.020		0.020	0.0085	mg/Kg	✳	05/14/22 09:17	05/25/22 12:55	1
Benzene	<0.0020		0.0020	0.00050	mg/Kg	✳	05/14/22 09:17	05/25/22 12:55	1
Bromodichloromethane	<0.0020		0.0020	0.00040	mg/Kg	✳	05/14/22 09:17	05/25/22 12:55	1
Bromoform	<0.0020		0.0020	0.00057	mg/Kg	✳	05/14/22 09:17	05/25/22 12:55	1
Bromomethane	<0.0049		0.0049	0.0018	mg/Kg	✳	05/14/22 09:17	05/25/22 12:55	1
Carbon disulfide	<0.0049		0.0049	0.0010	mg/Kg	✳	05/14/22 09:17	05/25/22 12:55	1
Carbon tetrachloride	<0.0020		0.0020	0.00057	mg/Kg	✳	05/14/22 09:17	05/25/22 12:55	1
Chlorobenzene	<0.0020		0.0020	0.00072	mg/Kg	✳	05/14/22 09:17	05/25/22 12:55	1
Chloroethane	<0.0049		0.0049	0.0014	mg/Kg	✳	05/14/22 09:17	05/25/22 12:55	1
Chloroform	<0.0020		0.0020	0.00068	mg/Kg	✳	05/14/22 09:17	05/25/22 12:55	1
Chloromethane	<0.0049		0.0049	0.0020	mg/Kg	✳	05/14/22 09:17	05/25/22 12:55	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00055	mg/Kg	✳	05/14/22 09:17	05/25/22 12:55	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00059	mg/Kg	✳	05/14/22 09:17	05/25/22 12:55	1
Dibromochloromethane	<0.0020		0.0020	0.00064	mg/Kg	✳	05/14/22 09:17	05/25/22 12:55	1
1,1-Dichloroethane	<0.0020		0.0020	0.00067	mg/Kg	✳	05/14/22 09:17	05/25/22 12:55	1
1,2-Dichloroethane	<0.0049		0.0049	0.0015	mg/Kg	✳	05/14/22 09:17	05/25/22 12:55	1
1,1-Dichloroethene	<0.0020		0.0020	0.00067	mg/Kg	✳	05/14/22 09:17	05/25/22 12:55	1
1,2-Dichloropropane	<0.0020		0.0020	0.00050	mg/Kg	✳	05/14/22 09:17	05/25/22 12:55	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00069	mg/Kg	✳	05/14/22 09:17	05/25/22 12:55	1
Ethylbenzene	<0.0020		0.0020	0.00093	mg/Kg	✳	05/14/22 09:17	05/25/22 12:55	1
2-Hexanone	<0.0049		0.0049	0.0015	mg/Kg	✳	05/14/22 09:17	05/25/22 12:55	1
Methylene Chloride	<0.0049		0.0049	0.0019	mg/Kg	✳	05/14/22 09:17	05/25/22 12:55	1
Methyl Ethyl Ketone	<0.0049		0.0049	0.0022	mg/Kg	✳	05/14/22 09:17	05/25/22 12:55	1
methyl isobutyl ketone	<0.0049		0.0049	0.0014	mg/Kg	✳	05/14/22 09:17	05/25/22 12:55	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00057	mg/Kg	✳	05/14/22 09:17	05/25/22 12:55	1
Styrene	<0.0020		0.0020	0.00059	mg/Kg	✳	05/14/22 09:17	05/25/22 12:55	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00062	mg/Kg	✳	05/14/22 09:17	05/25/22 12:55	1
Tetrachloroethene	<0.0020		0.0020	0.00066	mg/Kg	✳	05/14/22 09:17	05/25/22 12:55	1
Toluene	<0.0020		0.0020	0.00049	mg/Kg	✳	05/14/22 09:17	05/25/22 12:55	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00086	mg/Kg	✳	05/14/22 09:17	05/25/22 12:55	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00069	mg/Kg	✳	05/14/22 09:17	05/25/22 12:55	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00065	mg/Kg	✳	05/14/22 09:17	05/25/22 12:55	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00084	mg/Kg	✳	05/14/22 09:17	05/25/22 12:55	1
<b>Trichloroethene</b>	<b>0.00093</b>	<b>J</b>	0.0020	0.00066	mg/Kg	✳	05/14/22 09:17	05/25/22 12:55	1
Vinyl chloride	<0.0020		0.0020	0.00086	mg/Kg	✳	05/14/22 09:17	05/25/22 12:55	1
Xylenes, Total	<0.0039		0.0039	0.00062	mg/Kg	✳	05/14/22 09:17	05/25/22 12:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		75 - 131	05/14/22 09:17	05/25/22 12:55	1
Dibromofluoromethane (Surr)	106		75 - 126	05/14/22 09:17	05/25/22 12:55	1
1,2-Dichloroethane-d4 (Surr)	113		70 - 134	05/14/22 09:17	05/25/22 12:55	1
Toluene-d8 (Surr)	99		75 - 124	05/14/22 09:17	05/25/22 12:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.21		0.21	0.044	mg/Kg	✳	05/26/22 14:04	05/27/22 15:23	1
1,2-Dichlorobenzene	<0.21		0.21	0.049	mg/Kg	✳	05/26/22 14:04	05/27/22 15:23	1
1,3-Dichlorobenzene	<0.21		0.21	0.046	mg/Kg	✳	05/26/22 14:04	05/27/22 15:23	1
1,4-Dichlorobenzene	<0.21		0.21	0.053	mg/Kg	✳	05/26/22 14:04	05/27/22 15:23	1
2,2'-oxybis[1-chloropropane]	<0.21	*+	0.21	0.048	mg/Kg	✳	05/26/22 14:04	05/27/22 15:23	1

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# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-136(4-9)-051322**

**Lab Sample ID: 500-216607-7**

Date Collected: 05/13/22 12:25

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 77.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.41		0.41	0.094	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
2,4,6-Trichlorophenol	<0.41		0.41	0.14	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
2,4-Dichlorophenol	<0.41		0.41	0.098	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
2,4-Dimethylphenol	<0.41		0.41	0.16	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
2,4-Dinitrophenol	<0.83		0.83	0.73	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
2,4-Dinitrotoluene	<0.21		0.21	0.066	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
2,6-Dinitrotoluene	<0.21		0.21	0.081	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
2-Chloronaphthalene	<0.21		0.21	0.046	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
2-Chlorophenol	<0.21		0.21	0.070	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
2-Methylnaphthalene	<0.083		0.083	0.0076	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
2-Methylphenol	<0.21		0.21	0.066	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
2-Nitroaniline	<0.21		0.21	0.056	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
2-Nitrophenol	<0.41		0.41	0.098	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
3 & 4 Methylphenol	<0.21		0.21	0.069	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
3,3'-Dichlorobenzidine	<0.21		0.21	0.058	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
3-Nitroaniline	<0.41		0.41	0.13	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
4,6-Dinitro-2-methylphenol	<0.83		0.83	0.33	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
4-Bromophenyl phenyl ether	<0.21		0.21	0.054	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
4-Chloro-3-methylphenol	<0.41		0.41	0.14	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
4-Chloroaniline	<0.83		0.83	0.19	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
4-Chlorophenyl phenyl ether	<0.21		0.21	0.048	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
4-Nitroaniline	<0.41		0.41	0.17	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
4-Nitrophenol	<0.83		0.83	0.39	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
Acenaphthene	<0.041		0.041	0.0074	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
Acenaphthylene	<0.041		0.041	0.0054	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
Anthracene	<0.041		0.041	0.0069	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
Benzo[a]anthracene	<0.041		0.041	0.0056	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
Benzo[a]pyrene	<0.041	*3	0.041	0.0080	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
Benzo[b]fluoranthene	<0.041	*3	0.041	0.0089	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
Benzo[g,h,i]perylene	<0.041	*3	0.041	0.013	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
Benzo[k]fluoranthene	<0.041	*3	0.041	0.012	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
Bis(2-chloroethoxy)methane	<0.21		0.21	0.042	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
Bis(2-chloroethyl)ether	<0.21	+	0.21	0.062	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
Bis(2-ethylhexyl) phthalate	<0.21		0.21	0.075	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
Butyl benzyl phthalate	<0.21		0.21	0.079	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
Carbazole	<0.21		0.21	0.10	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
Chrysene	<0.041		0.041	0.011	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
Dibenz(a,h)anthracene	<0.041	*3	0.041	0.0080	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
Dibenzofuran	<0.21		0.21	0.048	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
Diethyl phthalate	<0.21		0.21	0.070	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
Dimethyl phthalate	<0.21		0.21	0.054	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
Di-n-butyl phthalate	<0.21		0.21	0.063	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
Di-n-octyl phthalate	<0.21		0.21	0.067	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
<b>Fluoranthene</b>	<b>0.016</b>	<b>J</b>	0.041	0.0077	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
Fluorene	<0.041		0.041	0.0058	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
Hexachlorobenzene	<0.083		0.083	0.0096	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
Hexachlorobutadiene	<0.21		0.21	0.065	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
Hexachlorocyclopentadiene	<0.83	*-	0.83	0.24	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
Hexachloroethane	<0.21		0.21	0.063	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1

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# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-136(4-9)-051322**

**Lab Sample ID: 500-216607-7**

**Date Collected: 05/13/22 12:25**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 77.2**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.041	*3	0.041	0.011	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
Isophorone	<0.21		0.21	0.046	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
Naphthalene	<0.041		0.041	0.0063	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
Nitrobenzene	<0.041		0.041	0.010	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
N-Nitrosodi-n-propylamine	<0.083		0.083	0.050	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
N-Nitrosodiphenylamine	<0.21		0.21	0.049	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
Pentachlorophenol	<0.83		0.83	0.66	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
Phenanthrene	<0.041		0.041	0.0058	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
Phenol	<0.21		0.21	0.092	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1
<b>Pyrene</b>	<b>0.013</b>	<b>J</b>	0.041	0.0082	mg/Kg	☼	05/26/22 14:04	05/27/22 15:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	81		31 - 143	05/26/22 14:04	05/27/22 15:23	1
2-Fluorobiphenyl (Surr)	89		43 - 145	05/26/22 14:04	05/27/22 15:23	1
2-Fluorophenol (Surr)	108		31 - 166	05/26/22 14:04	05/27/22 15:23	1
Nitrobenzene-d5 (Surr)	92		37 - 147	05/26/22 14:04	05/27/22 15:23	1
Phenol-d5 (Surr)	113		30 - 153	05/26/22 14:04	05/27/22 15:23	1
Terphenyl-d14 (Surr)	166	S1+	42 - 157	05/26/22 14:04	05/27/22 15:23	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		05/21/22 12:12	05/23/22 13:46	1
<b>Barium</b>	<b>0.51</b>		0.50	0.050	mg/L		05/21/22 12:12	05/23/22 13:46	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/21/22 12:12	05/23/22 13:46	1
<b>Cadmium</b>	<b>0.0034</b>	<b>J</b>	0.0050	0.0020	mg/L		05/21/22 12:12	05/23/22 13:46	1
Chromium	<0.025		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 13:46	1
Cobalt	<0.025		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 13:46	1
Copper	<0.025		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 13:46	1
Iron	<0.40		0.40	0.20	mg/L		05/21/22 12:12	05/23/22 13:46	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/21/22 12:12	05/23/22 13:46	1
<b>Manganese</b>	<b>2.4</b>		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 13:46	1
<b>Nickel</b>	<b>0.018</b>	<b>J</b>	0.025	0.010	mg/L		05/21/22 12:12	05/23/22 13:46	1
Selenium	<0.050		0.050	0.020	mg/L		05/21/22 12:12	05/23/22 13:46	1
Silver	<0.025		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 13:46	1
<b>Zinc</b>	<b>0.055</b>	<b>J</b>	0.50	0.020	mg/L		05/21/22 12:12	05/23/22 13:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.036</b>	<b>J</b>	0.050	0.010	mg/L		05/21/22 12:16	05/23/22 21:23	1
<b>Barium</b>	<b>0.55</b>		0.50	0.050	mg/L		05/21/22 12:16	05/23/22 21:23	1
<b>Beryllium</b>	<b>0.0064</b>		0.0040	0.0040	mg/L		05/21/22 12:16	05/23/22 21:23	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/21/22 12:16	05/23/22 21:23	1
<b>Chromium</b>	<b>0.15</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:23	1
<b>Cobalt</b>	<b>0.035</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:23	1
<b>Copper</b>	<b>0.13</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:23	1
<b>Iron</b>	<b>170</b>		0.40	0.20	mg/L		05/21/22 12:16	05/23/22 21:23	1
<b>Lead</b>	<b>0.044</b>		0.0075	0.0075	mg/L		05/21/22 12:16	05/23/22 21:23	1
<b>Manganese</b>	<b>0.77</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:23	1
<b>Nickel</b>	<b>0.12</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:23	1
Selenium	<0.050		0.050	0.020	mg/L		05/21/22 12:16	05/23/22 21:23	1

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# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-136(4-9)-051322**

**Lab Sample ID: 500-216607-7**

Date Collected: 05/13/22 12:25

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 77.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:23	1
Zinc	0.49	J	0.50	0.020	mg/L		05/21/22 12:16	05/23/22 21:23	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8600		12	5.0	mg/Kg	☆	05/20/22 09:23	05/23/22 18:54	1
Antimony	<1.2		1.2	0.24	mg/Kg	☆	05/20/22 09:23	05/23/22 18:54	1
Arsenic	11		0.62	0.21	mg/Kg	☆	05/20/22 09:23	05/23/22 18:54	1
Barium	87		0.62	0.070	mg/Kg	☆	05/20/22 09:23	05/23/22 18:54	1
Beryllium	0.72		0.25	0.058	mg/Kg	☆	05/20/22 09:23	05/23/22 18:54	1
Cadmium	0.25	B	0.12	0.022	mg/Kg	☆	05/20/22 09:23	05/23/22 18:54	1
Calcium	49000	B	62	10	mg/Kg	☆	05/20/22 09:23	05/24/22 12:22	5
Chromium	13	B	0.62	0.31	mg/Kg	☆	05/20/22 09:23	05/23/22 18:54	1
Cobalt	12		0.31	0.081	mg/Kg	☆	05/20/22 09:23	05/23/22 18:54	1
Copper	22	B	0.62	0.17	mg/Kg	☆	05/20/22 09:23	05/23/22 18:54	1
Iron	22000	B	12	6.4	mg/Kg	☆	05/20/22 09:23	05/23/22 18:54	1
Lead	11		0.31	0.14	mg/Kg	☆	05/20/22 09:23	05/23/22 18:54	1
Magnesium	22000		6.2	3.1	mg/Kg	☆	05/20/22 09:23	05/23/22 18:54	1
Manganese	550		0.62	0.089	mg/Kg	☆	05/20/22 09:23	05/23/22 18:54	1
Nickel	23		0.62	0.18	mg/Kg	☆	05/20/22 09:23	05/23/22 18:54	1
Potassium	750		31	11	mg/Kg	☆	05/20/22 09:23	05/23/22 18:54	1
Selenium	<0.62		0.62	0.36	mg/Kg	☆	05/20/22 09:23	05/23/22 18:54	1
Silver	0.33		0.31	0.080	mg/Kg	☆	05/20/22 09:23	05/23/22 18:54	1
Sodium	850		62	9.1	mg/Kg	☆	05/20/22 09:23	05/23/22 18:54	1
Thallium	0.37	J	0.62	0.31	mg/Kg	☆	05/20/22 09:23	05/23/22 18:54	1
Vanadium	35		0.31	0.073	mg/Kg	☆	05/20/22 09:23	05/23/22 18:54	1
Zinc	78		1.2	0.54	mg/Kg	☆	05/20/22 09:23	05/23/22 18:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/23/22 10:25	05/24/22 09:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/23/22 10:25	05/24/22 10:25	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.038		0.020	0.0067	mg/Kg	☆	05/20/22 15:05	05/23/22 07:37	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.7		0.2	0.2	SU			05/19/22 20:53	1

# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-136(4-9)-051322D**

**Lab Sample ID: 500-216607-8**

**Date Collected: 05/13/22 12:25**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 76.3**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.020	*+	0.020	0.0089	mg/Kg	☼	05/14/22 09:17	05/24/22 17:47	1
Benzene	<0.0020		0.0020	0.00052	mg/Kg	☼	05/14/22 09:17	05/24/22 17:47	1
Bromodichloromethane	<0.0020		0.0020	0.00041	mg/Kg	☼	05/14/22 09:17	05/24/22 17:47	1
Bromoform	<0.0020		0.0020	0.00059	mg/Kg	☼	05/14/22 09:17	05/24/22 17:47	1
Bromomethane	<0.0051		0.0051	0.0019	mg/Kg	☼	05/14/22 09:17	05/24/22 17:47	1
Carbon disulfide	<0.0051		0.0051	0.0011	mg/Kg	☼	05/14/22 09:17	05/24/22 17:47	1
Carbon tetrachloride	<0.0020		0.0020	0.00059	mg/Kg	☼	05/14/22 09:17	05/24/22 17:47	1
Chlorobenzene	<0.0020		0.0020	0.00075	mg/Kg	☼	05/14/22 09:17	05/24/22 17:47	1
Chloroethane	<0.0051		0.0051	0.0015	mg/Kg	☼	05/14/22 09:17	05/24/22 17:47	1
Chloroform	<0.0020		0.0020	0.00071	mg/Kg	☼	05/14/22 09:17	05/24/22 17:47	1
Chloromethane	<0.0051		0.0051	0.0020	mg/Kg	☼	05/14/22 09:17	05/24/22 17:47	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00057	mg/Kg	☼	05/14/22 09:17	05/24/22 17:47	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00061	mg/Kg	☼	05/14/22 09:17	05/24/22 17:47	1
Dibromochloromethane	<0.0020		0.0020	0.00067	mg/Kg	☼	05/14/22 09:17	05/24/22 17:47	1
1,1-Dichloroethane	<0.0020		0.0020	0.00070	mg/Kg	☼	05/14/22 09:17	05/24/22 17:47	1
1,2-Dichloroethane	<0.0051		0.0051	0.0016	mg/Kg	☼	05/14/22 09:17	05/24/22 17:47	1
1,1-Dichloroethene	<0.0020		0.0020	0.00070	mg/Kg	☼	05/14/22 09:17	05/24/22 17:47	1
1,2-Dichloropropane	<0.0020		0.0020	0.00053	mg/Kg	☼	05/14/22 09:17	05/24/22 17:47	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00071	mg/Kg	☼	05/14/22 09:17	05/24/22 17:47	1
Ethylbenzene	<0.0020		0.0020	0.00097	mg/Kg	☼	05/14/22 09:17	05/24/22 17:47	1
2-Hexanone	<0.0051	*+	0.0051	0.0016	mg/Kg	☼	05/14/22 09:17	05/24/22 17:47	1
Methylene Chloride	<0.0051		0.0051	0.0020	mg/Kg	☼	05/14/22 09:17	05/24/22 17:47	1
Methyl Ethyl Ketone	<0.0051	*+	0.0051	0.0023	mg/Kg	☼	05/14/22 09:17	05/24/22 17:47	1
methyl isobutyl ketone	<0.0051		0.0051	0.0015	mg/Kg	☼	05/14/22 09:17	05/24/22 17:47	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00060	mg/Kg	☼	05/14/22 09:17	05/24/22 17:47	1
Styrene	<0.0020		0.0020	0.00061	mg/Kg	☼	05/14/22 09:17	05/24/22 17:47	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00065	mg/Kg	☼	05/14/22 09:17	05/24/22 17:47	1
Tetrachloroethene	<0.0020		0.0020	0.00069	mg/Kg	☼	05/14/22 09:17	05/24/22 17:47	1
Toluene	<0.0020		0.0020	0.00051	mg/Kg	☼	05/14/22 09:17	05/24/22 17:47	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00090	mg/Kg	☼	05/14/22 09:17	05/24/22 17:47	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00071	mg/Kg	☼	05/14/22 09:17	05/24/22 17:47	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00068	mg/Kg	☼	05/14/22 09:17	05/24/22 17:47	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00087	mg/Kg	☼	05/14/22 09:17	05/24/22 17:47	1
Trichloroethene	<0.0020		0.0020	0.00069	mg/Kg	☼	05/14/22 09:17	05/24/22 17:47	1
Vinyl chloride	<0.0020		0.0020	0.00090	mg/Kg	☼	05/14/22 09:17	05/24/22 17:47	1
Xylenes, Total	<0.0041		0.0041	0.00065	mg/Kg	☼	05/14/22 09:17	05/24/22 17:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		75 - 131	05/14/22 09:17	05/24/22 17:47	1
Dibromofluoromethane (Surr)	119		75 - 126	05/14/22 09:17	05/24/22 17:47	1
1,2-Dichloroethane-d4 (Surr)	116		70 - 134	05/14/22 09:17	05/24/22 17:47	1
Toluene-d8 (Surr)	108		75 - 124	05/14/22 09:17	05/24/22 17:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.21		0.21	0.045	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
1,2-Dichlorobenzene	<0.21		0.21	0.050	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
1,3-Dichlorobenzene	<0.21		0.21	0.047	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
1,4-Dichlorobenzene	<0.21		0.21	0.054	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
2,2'-oxybis[1-chloropropane]	<0.21	*+	0.21	0.048	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1

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# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-136(4-9)-051322D**

**Lab Sample ID: 500-216607-8**

Date Collected: 05/13/22 12:25

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 76.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.41		0.41	0.095	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
2,4,6-Trichlorophenol	<0.41		0.41	0.14	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
2,4-Dichlorophenol	<0.41		0.41	0.099	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
2,4-Dimethylphenol	<0.41		0.41	0.16	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
2,4-Dinitrophenol	<0.84		0.84	0.73	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
2,4-Dinitrotoluene	<0.21		0.21	0.066	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
2,6-Dinitrotoluene	<0.21		0.21	0.082	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
2-Chloronaphthalene	<0.21		0.21	0.046	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
2-Chlorophenol	<0.21		0.21	0.071	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
2-Methylnaphthalene	<0.084		0.084	0.0077	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
2-Methylphenol	<0.21		0.21	0.067	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
2-Nitroaniline	<0.21		0.21	0.056	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
2-Nitrophenol	<0.41		0.41	0.099	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
3 & 4 Methylphenol	<0.21		0.21	0.070	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
3,3'-Dichlorobenzidine	<0.21		0.21	0.058	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
3-Nitroaniline	<0.41		0.41	0.13	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
4,6-Dinitro-2-methylphenol	<0.84		0.84	0.34	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
4-Bromophenyl phenyl ether	<0.21		0.21	0.055	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
4-Chloro-3-methylphenol	<0.41		0.41	0.14	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
4-Chloroaniline	<0.84		0.84	0.20	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
4-Chlorophenyl phenyl ether	<0.21		0.21	0.049	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
4-Nitroaniline	<0.41		0.41	0.17	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
4-Nitrophenol	<0.84		0.84	0.40	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
Acenaphthene	<0.041		0.041	0.0075	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
Acenaphthylene	<0.041		0.041	0.0055	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
Anthracene	<0.041		0.041	0.0070	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
<b>Benzo[a]anthracene</b>	<b>0.010</b>	<b>J</b>	0.041	0.0056	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
<b>Benzo[a]pyrene</b>	<b>0.014</b>	<b>J *3</b>	0.041	0.0081	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
<b>Benzo[b]fluoranthene</b>	<b>0.028</b>	<b>J *3</b>	0.041	0.0090	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
Benzo[g,h,i]perylene	<0.041	*3	0.041	0.013	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
Benzo[k]fluoranthene	<0.041	*3	0.041	0.012	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
Bis(2-chloroethoxy)methane	<0.21		0.21	0.043	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
Bis(2-chloroethyl)ether	<0.21	+	0.21	0.063	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
Bis(2-ethylhexyl) phthalate	<0.21		0.21	0.076	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
Butyl benzyl phthalate	<0.21		0.21	0.079	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
Carbazole	<0.21		0.21	0.10	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
<b>Chrysene</b>	<b>0.013</b>	<b>J</b>	0.041	0.011	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
Dibenz(a,h)anthracene	<0.041	*3	0.041	0.0081	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
Dibenzofuran	<0.21		0.21	0.049	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
Diethyl phthalate	<0.21		0.21	0.071	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
Dimethyl phthalate	<0.21		0.21	0.055	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
Di-n-butyl phthalate	<0.21		0.21	0.064	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
Di-n-octyl phthalate	<0.21		0.21	0.068	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
<b>Fluoranthene</b>	<b>0.031</b>	<b>J</b>	0.041	0.0077	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
Fluorene	<0.041		0.041	0.0059	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
Hexachlorobenzene	<0.084		0.084	0.0097	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
Hexachlorobutadiene	<0.21		0.21	0.066	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
Hexachlorocyclopentadiene	<0.84	*-	0.84	0.24	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
Hexachloroethane	<0.21		0.21	0.063	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1

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# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-136(4-9)-051322D**

**Lab Sample ID: 500-216607-8**

**Date Collected: 05/13/22 12:25**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 76.3**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.041	*3	0.041	0.011	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
Isophorone	<0.21		0.21	0.047	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
Naphthalene	<0.041		0.041	0.0064	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
Nitrobenzene	<0.041		0.041	0.010	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
N-Nitrosodi-n-propylamine	<0.084		0.084	0.051	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
N-Nitrosodiphenylamine	<0.21		0.21	0.049	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
Pentachlorophenol	<0.84		0.84	0.67	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
<b>Phenanthrene</b>	<b>0.0089</b>	<b>J</b>	0.041	0.0058	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
Phenol	<0.21		0.21	0.093	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1
<b>Pyrene</b>	<b>0.028</b>	<b>J</b>	0.041	0.0083	mg/Kg	☼	05/26/22 14:04	05/27/22 15:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	84		31 - 143	05/26/22 14:04	05/27/22 15:45	1
2-Fluorobiphenyl (Surr)	87		43 - 145	05/26/22 14:04	05/27/22 15:45	1
2-Fluorophenol (Surr)	100		31 - 166	05/26/22 14:04	05/27/22 15:45	1
Nitrobenzene-d5 (Surr)	83		37 - 147	05/26/22 14:04	05/27/22 15:45	1
Phenol-d5 (Surr)	112		30 - 153	05/26/22 14:04	05/27/22 15:45	1
Terphenyl-d14 (Surr)	160	S1+	42 - 157	05/26/22 14:04	05/27/22 15:45	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		05/21/22 12:12	05/23/22 14:00	1
<b>Barium</b>	<b>0.51</b>		0.50	0.050	mg/L		05/21/22 12:12	05/23/22 14:00	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/21/22 12:12	05/23/22 14:00	1
<b>Cadmium</b>	<b>0.0032</b>	<b>J</b>	0.0050	0.0020	mg/L		05/21/22 12:12	05/23/22 14:00	1
Chromium	<0.025		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:00	1
Cobalt	<0.025		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:00	1
Copper	<0.025		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:00	1
Iron	<0.40		0.40	0.20	mg/L		05/21/22 12:12	05/23/22 14:00	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/21/22 12:12	05/23/22 14:00	1
<b>Manganese</b>	<b>1.7</b>		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:00	1
<b>Nickel</b>	<b>0.018</b>	<b>J</b>	0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:00	1
Selenium	<0.050		0.050	0.020	mg/L		05/21/22 12:12	05/23/22 14:00	1
Silver	<0.025		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:00	1
<b>Zinc</b>	<b>0.028</b>	<b>J</b>	0.50	0.020	mg/L		05/21/22 12:12	05/23/22 14:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.045</b>	<b>J</b>	0.050	0.010	mg/L		05/21/22 12:16	05/23/22 21:27	1
<b>Barium</b>	<b>0.81</b>		0.50	0.050	mg/L		05/21/22 12:16	05/23/22 21:27	1
<b>Beryllium</b>	<b>0.0093</b>		0.0040	0.0040	mg/L		05/21/22 12:16	05/23/22 21:27	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/21/22 12:16	05/23/22 21:27	1
<b>Chromium</b>	<b>0.22</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:27	1
<b>Cobalt</b>	<b>0.042</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:27	1
<b>Copper</b>	<b>0.16</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:27	1
<b>Iron</b>	<b>240</b>		0.40	0.20	mg/L		05/21/22 12:16	05/23/22 21:27	1
<b>Lead</b>	<b>0.071</b>		0.0075	0.0075	mg/L		05/21/22 12:16	05/23/22 21:27	1
<b>Manganese</b>	<b>0.99</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:27	1
<b>Nickel</b>	<b>0.16</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:27	1
Selenium	<0.050		0.050	0.020	mg/L		05/21/22 12:16	05/23/22 21:27	1

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# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-136(4-9)-051322D**

**Lab Sample ID: 500-216607-8**

Date Collected: 05/13/22 12:25

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 76.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:27	1
<b>Zinc</b>	<b>0.70</b>		0.50	0.020	mg/L		05/21/22 12:16	05/23/22 21:27	1

### Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>12000</b>		13	5.1	mg/Kg	☆	05/20/22 09:23	05/23/22 18:57	1
Antimony	<1.3		1.3	0.24	mg/Kg	☆	05/20/22 09:23	05/23/22 18:57	1
<b>Arsenic</b>	<b>4.7</b>		0.63	0.22	mg/Kg	☆	05/20/22 09:23	05/23/22 18:57	1
<b>Barium</b>	<b>77</b>		0.63	0.072	mg/Kg	☆	05/20/22 09:23	05/23/22 18:57	1
<b>Beryllium</b>	<b>0.75</b>		0.25	0.059	mg/Kg	☆	05/20/22 09:23	05/23/22 18:57	1
<b>Cadmium</b>	<b>0.17</b>	<b>B</b>	0.13	0.023	mg/Kg	☆	05/20/22 09:23	05/23/22 18:57	1
<b>Calcium</b>	<b>16000</b>	<b>B</b>	63	11	mg/Kg	☆	05/20/22 09:23	05/24/22 12:25	5
<b>Chromium</b>	<b>17</b>	<b>B</b>	0.63	0.31	mg/Kg	☆	05/20/22 09:23	05/23/22 18:57	1
<b>Cobalt</b>	<b>7.0</b>		0.31	0.082	mg/Kg	☆	05/20/22 09:23	05/23/22 18:57	1
<b>Copper</b>	<b>16</b>	<b>B</b>	0.63	0.18	mg/Kg	☆	05/20/22 09:23	05/23/22 18:57	1
<b>Iron</b>	<b>19000</b>	<b>B</b>	13	6.5	mg/Kg	☆	05/20/22 09:23	05/23/22 18:57	1
<b>Lead</b>	<b>11</b>		0.31	0.15	mg/Kg	☆	05/20/22 09:23	05/23/22 18:57	1
<b>Magnesium</b>	<b>8800</b>		6.3	3.1	mg/Kg	☆	05/20/22 09:23	05/23/22 18:57	1
<b>Manganese</b>	<b>340</b>		0.63	0.091	mg/Kg	☆	05/20/22 09:23	05/23/22 18:57	1
<b>Nickel</b>	<b>23</b>		0.63	0.18	mg/Kg	☆	05/20/22 09:23	05/23/22 18:57	1
<b>Potassium</b>	<b>950</b>		31	11	mg/Kg	☆	05/20/22 09:23	05/23/22 18:57	1
Selenium	<0.63		0.63	0.37	mg/Kg	☆	05/20/22 09:23	05/23/22 18:57	1
<b>Silver</b>	<b>0.41</b>		0.31	0.081	mg/Kg	☆	05/20/22 09:23	05/23/22 18:57	1
<b>Sodium</b>	<b>1000</b>		63	9.3	mg/Kg	☆	05/20/22 09:23	05/23/22 18:57	1
<b>Thallium</b>	<b>0.45</b>	<b>J</b>	0.63	0.31	mg/Kg	☆	05/20/22 09:23	05/23/22 18:57	1
<b>Vanadium</b>	<b>27</b>		0.31	0.074	mg/Kg	☆	05/20/22 09:23	05/23/22 18:57	1
<b>Zinc</b>	<b>69</b>		1.3	0.55	mg/Kg	☆	05/20/22 09:23	05/23/22 18:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/23/22 10:25	05/24/22 09:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/23/22 10:25	05/24/22 10:27	1

### Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.047</b>		0.020	0.0066	mg/Kg	☆	05/20/22 15:05	05/23/22 07:39	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>7.7</b>		0.2	0.2	SU			05/19/22 20:55	1

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# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-141(0-4)-051322**

**Lab Sample ID: 500-216607-9**

**Date Collected: 05/13/22 12:40**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 82.4**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>0.045</b>		0.019	0.0081	mg/Kg	☼	05/14/22 09:17	05/25/22 13:21	1
Benzene	<0.0019		0.0019	0.00048	mg/Kg	☼	05/14/22 09:17	05/25/22 13:21	1
Bromodichloromethane	<0.0019		0.0019	0.00038	mg/Kg	☼	05/14/22 09:17	05/25/22 13:21	1
Bromoform	<0.0019		0.0019	0.00054	mg/Kg	☼	05/14/22 09:17	05/25/22 13:21	1
Bromomethane	<0.0047		0.0047	0.0018	mg/Kg	☼	05/14/22 09:17	05/25/22 13:21	1
Carbon disulfide	<0.0047		0.0047	0.00097	mg/Kg	☼	05/14/22 09:17	05/25/22 13:21	1
Carbon tetrachloride	<0.0019		0.0019	0.00054	mg/Kg	☼	05/14/22 09:17	05/25/22 13:21	1
Chlorobenzene	<0.0019		0.0019	0.00069	mg/Kg	☼	05/14/22 09:17	05/25/22 13:21	1
Chloroethane	<0.0047		0.0047	0.0014	mg/Kg	☼	05/14/22 09:17	05/25/22 13:21	1
Chloroform	<0.0019		0.0019	0.00065	mg/Kg	☼	05/14/22 09:17	05/25/22 13:21	1
Chloromethane	<0.0047		0.0047	0.0019	mg/Kg	☼	05/14/22 09:17	05/25/22 13:21	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00052	mg/Kg	☼	05/14/22 09:17	05/25/22 13:21	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00056	mg/Kg	☼	05/14/22 09:17	05/25/22 13:21	1
Dibromochloromethane	<0.0019		0.0019	0.00061	mg/Kg	☼	05/14/22 09:17	05/25/22 13:21	1
1,1-Dichloroethane	<0.0019		0.0019	0.00064	mg/Kg	☼	05/14/22 09:17	05/25/22 13:21	1
1,2-Dichloroethane	<0.0047		0.0047	0.0015	mg/Kg	☼	05/14/22 09:17	05/25/22 13:21	1
1,1-Dichloroethene	<0.0019		0.0019	0.00064	mg/Kg	☼	05/14/22 09:17	05/25/22 13:21	1
1,2-Dichloropropane	<0.0019		0.0019	0.00048	mg/Kg	☼	05/14/22 09:17	05/25/22 13:21	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00065	mg/Kg	☼	05/14/22 09:17	05/25/22 13:21	1
Ethylbenzene	<0.0019		0.0019	0.00089	mg/Kg	☼	05/14/22 09:17	05/25/22 13:21	1
2-Hexanone	<0.0047		0.0047	0.0015	mg/Kg	☼	05/14/22 09:17	05/25/22 13:21	1
Methylene Chloride	<0.0047		0.0047	0.0018	mg/Kg	☼	05/14/22 09:17	05/25/22 13:21	1
<b>Methyl Ethyl Ketone</b>	<b>0.0092</b>		0.0047	0.0021	mg/Kg	☼	05/14/22 09:17	05/25/22 13:21	1
methyl isobutyl ketone	<0.0047		0.0047	0.0014	mg/Kg	☼	05/14/22 09:17	05/25/22 13:21	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00055	mg/Kg	☼	05/14/22 09:17	05/25/22 13:21	1
Styrene	<0.0019		0.0019	0.00056	mg/Kg	☼	05/14/22 09:17	05/25/22 13:21	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00060	mg/Kg	☼	05/14/22 09:17	05/25/22 13:21	1
Tetrachloroethene	<0.0019		0.0019	0.00063	mg/Kg	☼	05/14/22 09:17	05/25/22 13:21	1
Toluene	<0.0019		0.0019	0.00047	mg/Kg	☼	05/14/22 09:17	05/25/22 13:21	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00083	mg/Kg	☼	05/14/22 09:17	05/25/22 13:21	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00065	mg/Kg	☼	05/14/22 09:17	05/25/22 13:21	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00063	mg/Kg	☼	05/14/22 09:17	05/25/22 13:21	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00080	mg/Kg	☼	05/14/22 09:17	05/25/22 13:21	1
Trichloroethene	<0.0019		0.0019	0.00063	mg/Kg	☼	05/14/22 09:17	05/25/22 13:21	1
Vinyl chloride	<0.0019		0.0019	0.00083	mg/Kg	☼	05/14/22 09:17	05/25/22 13:21	1
Xylenes, Total	<0.0037		0.0037	0.00060	mg/Kg	☼	05/14/22 09:17	05/25/22 13:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		75 - 131	05/14/22 09:17	05/25/22 13:21	1
Dibromofluoromethane (Surr)	108		75 - 126	05/14/22 09:17	05/25/22 13:21	1
1,2-Dichloroethane-d4 (Surr)	119		70 - 134	05/14/22 09:17	05/25/22 13:21	1
Toluene-d8 (Surr)	98		75 - 124	05/14/22 09:17	05/25/22 13:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.043	mg/Kg	☼	05/26/22 14:04	05/27/22 16:06	1
1,2-Dichlorobenzene	<0.20		0.20	0.048	mg/Kg	☼	05/26/22 14:04	05/27/22 16:06	1
1,3-Dichlorobenzene	<0.20		0.20	0.045	mg/Kg	☼	05/26/22 14:04	05/27/22 16:06	1
1,4-Dichlorobenzene	<0.20		0.20	0.051	mg/Kg	☼	05/26/22 14:04	05/27/22 16:06	1
2,2'-oxybis[1-chloropropane]	<0.20	F1 +*	0.20	0.046	mg/Kg	☼	05/26/22 14:04	05/27/22 16:06	1

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# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-141(0-4)-051322**

**Lab Sample ID: 500-216607-9**

**Date Collected: 05/13/22 12:40**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 82.4**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.40		0.40	0.091	mg/Kg	☆	05/26/22 14:04	05/27/22 16:06	1
2,4,6-Trichlorophenol	<0.40		0.40	0.14	mg/Kg	☆	05/26/22 14:04	05/27/22 16:06	1
2,4-Dichlorophenol	<0.40		0.40	0.095	mg/Kg	☆	05/26/22 14:04	05/27/22 16:06	1
2,4-Dimethylphenol	<0.40		0.40	0.15	mg/Kg	☆	05/26/22 14:04	05/27/22 16:06	1
2,4-Dinitrophenol	<0.81	F1	0.81	0.71	mg/Kg	☆	05/26/22 14:04	05/27/22 16:06	1
2,4-Dinitrotoluene	<0.20		0.20	0.064	mg/Kg	☆	05/26/22 14:04	05/27/22 16:06	1
2,6-Dinitrotoluene	<0.20		0.20	0.079	mg/Kg	☆	05/26/22 14:04	05/27/22 16:06	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	☆	05/26/22 14:04	05/27/22 16:06	1
2-Chlorophenol	<0.20		0.20	0.068	mg/Kg	☆	05/26/22 14:04	05/27/22 16:06	1
2-Methylnaphthalene	<0.081		0.081	0.0074	mg/Kg	☆	05/26/22 14:04	05/27/22 16:06	1
2-Methylphenol	<0.20	F1	0.20	0.064	mg/Kg	☆	05/26/22 14:04	05/27/22 16:06	1
2-Nitroaniline	<0.20		0.20	0.054	mg/Kg	☆	05/26/22 14:04	05/27/22 16:06	1
2-Nitrophenol	<0.40		0.40	0.095	mg/Kg	☆	05/26/22 14:04	05/27/22 16:06	1
3 & 4 Methylphenol	<0.20		0.20	0.067	mg/Kg	☆	05/26/22 14:04	05/27/22 16:06	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.056	mg/Kg	☆	05/26/22 14:04	05/27/22 16:06	1
3-Nitroaniline	<0.40		0.40	0.12	mg/Kg	☆	05/26/22 14:04	05/27/22 16:06	1
4,6-Dinitro-2-methylphenol	<0.81		0.81	0.32	mg/Kg	☆	05/26/22 14:04	05/27/22 16:06	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.053	mg/Kg	☆	05/26/22 14:04	05/27/22 16:06	1
4-Chloro-3-methylphenol	<0.40		0.40	0.14	mg/Kg	☆	05/26/22 14:04	05/27/22 16:06	1
4-Chloroaniline	<0.81	F2	0.81	0.19	mg/Kg	☆	05/26/22 14:04	05/27/22 16:06	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.047	mg/Kg	☆	05/26/22 14:04	05/27/22 16:06	1
4-Nitroaniline	<0.40		0.40	0.17	mg/Kg	☆	05/26/22 14:04	05/27/22 16:06	1
4-Nitrophenol	<0.81		0.81	0.38	mg/Kg	☆	05/26/22 14:04	05/27/22 16:06	1
Acenaphthene	<0.040		0.040	0.0072	mg/Kg	☆	05/26/22 14:04	05/27/22 16:06	1
Acenaphthylene	<0.040		0.040	0.0053	mg/Kg	☆	05/26/22 14:04	05/27/22 16:06	1
Anthracene	<0.040		0.040	0.0067	mg/Kg	☆	05/26/22 14:04	05/27/22 16:06	1
Benzo[a]anthracene	<0.040		0.040	0.0054	mg/Kg	☆	05/26/22 14:04	05/27/22 16:06	1
Benzo[a]pyrene	<0.040	*3	0.040	0.0078	mg/Kg	☆	05/26/22 14:04	05/27/22 16:06	1
Benzo[b]fluoranthene	<0.040	*3	0.040	0.0086	mg/Kg	☆	05/26/22 14:04	05/27/22 16:06	1
Benzo[g,h,i]perylene	<0.040	F1 *3	0.040	0.013	mg/Kg	☆	05/26/22 14:04	05/27/22 16:06	1
Benzo[k]fluoranthene	<0.040	F1 *3	0.040	0.012	mg/Kg	☆	05/26/22 14:04	05/27/22 16:06	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.041	mg/Kg	☆	05/26/22 14:04	05/27/22 16:06	1
Bis(2-chloroethyl)ether	<0.20	F1 *+	0.20	0.060	mg/Kg	☆	05/26/22 14:04	05/27/22 16:06	1
Bis(2-ethylhexyl) phthalate	<0.20	F1	0.20	0.073	mg/Kg	☆	05/26/22 14:04	05/27/22 16:06	1
Butyl benzyl phthalate	<0.20	F1	0.20	0.076	mg/Kg	☆	05/26/22 14:04	05/27/22 16:06	1
Carbazole	<0.20		0.20	0.10	mg/Kg	☆	05/26/22 14:04	05/27/22 16:06	1
Chrysene	<0.040		0.040	0.011	mg/Kg	☆	05/26/22 14:04	05/27/22 16:06	1
Dibenz(a,h)anthracene	<0.040	F1 *3	0.040	0.0077	mg/Kg	☆	05/26/22 14:04	05/27/22 16:06	1
Dibenzofuran	<0.20		0.20	0.047	mg/Kg	☆	05/26/22 14:04	05/27/22 16:06	1
Diethyl phthalate	<0.20		0.20	0.068	mg/Kg	☆	05/26/22 14:04	05/27/22 16:06	1
Dimethyl phthalate	<0.20		0.20	0.052	mg/Kg	☆	05/26/22 14:04	05/27/22 16:06	1
Di-n-butyl phthalate	<0.20		0.20	0.061	mg/Kg	☆	05/26/22 14:04	05/27/22 16:06	1
Di-n-octyl phthalate	<0.20		0.20	0.065	mg/Kg	☆	05/26/22 14:04	05/27/22 16:06	1
<b>Fluoranthene</b>	<b>0.011</b>	<b>J</b>	0.040	0.0074	mg/Kg	☆	05/26/22 14:04	05/27/22 16:06	1
Fluorene	<0.040		0.040	0.0056	mg/Kg	☆	05/26/22 14:04	05/27/22 16:06	1
Hexachlorobenzene	<0.081		0.081	0.0093	mg/Kg	☆	05/26/22 14:04	05/27/22 16:06	1
Hexachlorobutadiene	<0.20		0.20	0.063	mg/Kg	☆	05/26/22 14:04	05/27/22 16:06	1
Hexachlorocyclopentadiene	<0.81	F1 *-	0.81	0.23	mg/Kg	☆	05/26/22 14:04	05/27/22 16:06	1
Hexachloroethane	<0.20		0.20	0.061	mg/Kg	☆	05/26/22 14:04	05/27/22 16:06	1

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# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-141(0-4)-051322**

**Lab Sample ID: 500-216607-9**

Date Collected: 05/13/22 12:40

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 82.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.040	F1 *3	0.040	0.010	mg/Kg	☼	05/26/22 14:04	05/27/22 16:06	1
Isophorone	<0.20		0.20	0.045	mg/Kg	☼	05/26/22 14:04	05/27/22 16:06	1
Naphthalene	<0.040		0.040	0.0062	mg/Kg	☼	05/26/22 14:04	05/27/22 16:06	1
Nitrobenzene	<0.040		0.040	0.010	mg/Kg	☼	05/26/22 14:04	05/27/22 16:06	1
N-Nitrosodi-n-propylamine	<0.081		0.081	0.049	mg/Kg	☼	05/26/22 14:04	05/27/22 16:06	1
N-Nitrosodiphenylamine	<0.20		0.20	0.047	mg/Kg	☼	05/26/22 14:04	05/27/22 16:06	1
Pentachlorophenol	<0.81		0.81	0.64	mg/Kg	☼	05/26/22 14:04	05/27/22 16:06	1
Phenanthrene	<0.040		0.040	0.0056	mg/Kg	☼	05/26/22 14:04	05/27/22 16:06	1
Phenol	<0.20		0.20	0.089	mg/Kg	☼	05/26/22 14:04	05/27/22 16:06	1
Pyrene	<0.040	F1	0.040	0.0080	mg/Kg	☼	05/26/22 14:04	05/27/22 16:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	81		31 - 143				05/26/22 14:04	05/27/22 16:06	1
2-Fluorobiphenyl (Surr)	86		43 - 145				05/26/22 14:04	05/27/22 16:06	1
2-Fluorophenol (Surr)	106		31 - 166				05/26/22 14:04	05/27/22 16:06	1
Nitrobenzene-d5 (Surr)	85		37 - 147				05/26/22 14:04	05/27/22 16:06	1
Phenol-d5 (Surr)	118		30 - 153				05/26/22 14:04	05/27/22 16:06	1
Terphenyl-d14 (Surr)	154		42 - 157				05/26/22 14:04	05/27/22 16:06	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.010</b>	<b>J</b>	0.050	0.010	mg/L		05/21/22 12:12	05/23/22 14:03	1
<b>Barium</b>	<b>0.91</b>		0.50	0.050	mg/L		05/21/22 12:12	05/23/22 14:03	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/21/22 12:12	05/23/22 14:03	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/21/22 12:12	05/23/22 14:03	1
Chromium	<0.025		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:03	1
<b>Cobalt</b>	<b>0.020</b>	<b>J</b>	0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:03	1
Copper	<0.025		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:03	1
<b>Iron</b>	<b>0.38</b>	<b>J</b>	0.40	0.20	mg/L		05/21/22 12:12	05/23/22 14:03	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/21/22 12:12	05/23/22 14:03	1
<b>Manganese</b>	<b>7.3</b>		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:03	1
<b>Nickel</b>	<b>0.013</b>	<b>J</b>	0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:03	1
Selenium	<0.050		0.050	0.020	mg/L		05/21/22 12:12	05/23/22 14:03	1
Silver	<0.025		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:03	1
<b>Zinc</b>	<b>0.071</b>	<b>J</b>	0.50	0.020	mg/L		05/21/22 12:12	05/23/22 14:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.035</b>	<b>J</b>	0.050	0.010	mg/L		05/21/22 12:16	05/23/22 21:36	1
<b>Barium</b>	<b>0.81</b>		0.50	0.050	mg/L		05/21/22 12:16	05/23/22 21:36	1
<b>Beryllium</b>	<b>0.0053</b>		0.0040	0.0040	mg/L		05/21/22 12:16	05/23/22 21:36	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/21/22 12:16	05/23/22 21:36	1
<b>Chromium</b>	<b>0.11</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:36	1
<b>Cobalt</b>	<b>0.036</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:36	1
<b>Copper</b>	<b>0.090</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:36	1
<b>Iron</b>	<b>110</b>		0.40	0.20	mg/L		05/21/22 12:16	05/23/22 21:36	1
<b>Lead</b>	<b>0.063</b>		0.0075	0.0075	mg/L		05/21/22 12:16	05/23/22 21:36	1
<b>Manganese</b>	<b>1.3</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:36	1
<b>Nickel</b>	<b>0.086</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:36	1
Selenium	<0.050		0.050	0.020	mg/L		05/21/22 12:16	05/23/22 21:36	1

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# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-141(0-4)-051322**

**Lab Sample ID: 500-216607-9**

Date Collected: 05/13/22 12:40

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 82.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:36	1
<b>Zinc</b>	<b>0.32</b>	<b>J</b>	0.50	0.020	mg/L		05/21/22 12:16	05/23/22 21:36	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>11000</b>		12	4.8	mg/Kg	☆	05/20/22 09:23	05/23/22 19:00	1
Antimony	<1.2		1.2	0.23	mg/Kg	☆	05/20/22 09:23	05/23/22 19:00	1
<b>Arsenic</b>	<b>4.1</b>		0.59	0.20	mg/Kg	☆	05/20/22 09:23	05/23/22 19:00	1
<b>Barium</b>	<b>100</b>		0.59	0.067	mg/Kg	☆	05/20/22 09:23	05/23/22 19:00	1
<b>Beryllium</b>	<b>0.67</b>		0.23	0.055	mg/Kg	☆	05/20/22 09:23	05/23/22 19:00	1
<b>Cadmium</b>	<b>0.077</b>	<b>J B</b>	0.12	0.021	mg/Kg	☆	05/20/22 09:23	05/23/22 19:00	1
<b>Calcium</b>	<b>17000</b>	<b>B</b>	59	9.9	mg/Kg	☆	05/20/22 09:23	05/24/22 12:28	5
<b>Chromium</b>	<b>14</b>	<b>B</b>	0.59	0.29	mg/Kg	☆	05/20/22 09:23	05/23/22 19:00	1
<b>Cobalt</b>	<b>7.1</b>		0.29	0.077	mg/Kg	☆	05/20/22 09:23	05/23/22 19:00	1
<b>Copper</b>	<b>12</b>	<b>B</b>	0.59	0.16	mg/Kg	☆	05/20/22 09:23	05/23/22 19:00	1
<b>Iron</b>	<b>14000</b>	<b>B</b>	12	6.1	mg/Kg	☆	05/20/22 09:23	05/23/22 19:00	1
<b>Lead</b>	<b>11</b>		0.29	0.14	mg/Kg	☆	05/20/22 09:23	05/23/22 19:00	1
<b>Magnesium</b>	<b>7800</b>		5.9	2.9	mg/Kg	☆	05/20/22 09:23	05/23/22 19:00	1
<b>Manganese</b>	<b>380</b>		0.59	0.085	mg/Kg	☆	05/20/22 09:23	05/23/22 19:00	1
<b>Nickel</b>	<b>14</b>		0.59	0.17	mg/Kg	☆	05/20/22 09:23	05/23/22 19:00	1
<b>Potassium</b>	<b>750</b>		29	10	mg/Kg	☆	05/20/22 09:23	05/23/22 19:00	1
<b>Selenium</b>	<b>0.40</b>	<b>J</b>	0.59	0.34	mg/Kg	☆	05/20/22 09:23	05/23/22 19:00	1
<b>Silver</b>	<b>0.29</b>		0.29	0.076	mg/Kg	☆	05/20/22 09:23	05/23/22 19:00	1
<b>Sodium</b>	<b>390</b>		59	8.7	mg/Kg	☆	05/20/22 09:23	05/23/22 19:00	1
<b>Thallium</b>	<b>0.48</b>	<b>J</b>	0.59	0.29	mg/Kg	☆	05/20/22 09:23	05/23/22 19:00	1
<b>Vanadium</b>	<b>24</b>		0.29	0.069	mg/Kg	☆	05/20/22 09:23	05/23/22 19:00	1
<b>Zinc</b>	<b>47</b>		1.2	0.51	mg/Kg	☆	05/20/22 09:23	05/23/22 19:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/23/22 10:25	05/24/22 09:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/23/22 10:25	05/24/22 10:29	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.046</b>		0.019	0.0063	mg/Kg	☆	05/20/22 15:05	05/23/22 07:41	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>7.0</b>		0.2	0.2	SU			05/19/22 20:58	1

# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-141(4-9)-051322**

**Lab Sample ID: 500-216607-10**

**Date Collected: 05/13/22 12:45**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 79.0**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>0.073</b>		0.020	0.0085	mg/Kg	✳	05/14/22 09:17	05/25/22 13:47	1
Benzene	<0.0020		0.0020	0.00050	mg/Kg	✳	05/14/22 09:17	05/25/22 13:47	1
Bromodichloromethane	<0.0020		0.0020	0.00040	mg/Kg	✳	05/14/22 09:17	05/25/22 13:47	1
Bromoform	<0.0020		0.0020	0.00057	mg/Kg	✳	05/14/22 09:17	05/25/22 13:47	1
Bromomethane	<0.0049		0.0049	0.0018	mg/Kg	✳	05/14/22 09:17	05/25/22 13:47	1
Carbon disulfide	<0.0049		0.0049	0.0010	mg/Kg	✳	05/14/22 09:17	05/25/22 13:47	1
Carbon tetrachloride	<0.0020		0.0020	0.00057	mg/Kg	✳	05/14/22 09:17	05/25/22 13:47	1
Chlorobenzene	<0.0020		0.0020	0.00072	mg/Kg	✳	05/14/22 09:17	05/25/22 13:47	1
Chloroethane	<0.0049		0.0049	0.0014	mg/Kg	✳	05/14/22 09:17	05/25/22 13:47	1
Chloroform	<0.0020		0.0020	0.00068	mg/Kg	✳	05/14/22 09:17	05/25/22 13:47	1
Chloromethane	<0.0049		0.0049	0.0020	mg/Kg	✳	05/14/22 09:17	05/25/22 13:47	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00055	mg/Kg	✳	05/14/22 09:17	05/25/22 13:47	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00059	mg/Kg	✳	05/14/22 09:17	05/25/22 13:47	1
Dibromochloromethane	<0.0020		0.0020	0.00064	mg/Kg	✳	05/14/22 09:17	05/25/22 13:47	1
1,1-Dichloroethane	<0.0020		0.0020	0.00067	mg/Kg	✳	05/14/22 09:17	05/25/22 13:47	1
1,2-Dichloroethane	<0.0049		0.0049	0.0015	mg/Kg	✳	05/14/22 09:17	05/25/22 13:47	1
1,1-Dichloroethene	<0.0020		0.0020	0.00067	mg/Kg	✳	05/14/22 09:17	05/25/22 13:47	1
1,2-Dichloropropane	<0.0020		0.0020	0.00051	mg/Kg	✳	05/14/22 09:17	05/25/22 13:47	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00069	mg/Kg	✳	05/14/22 09:17	05/25/22 13:47	1
Ethylbenzene	<0.0020		0.0020	0.00094	mg/Kg	✳	05/14/22 09:17	05/25/22 13:47	1
2-Hexanone	<0.0049		0.0049	0.0015	mg/Kg	✳	05/14/22 09:17	05/25/22 13:47	1
Methylene Chloride	<0.0049		0.0049	0.0019	mg/Kg	✳	05/14/22 09:17	05/25/22 13:47	1
<b>Methyl Ethyl Ketone</b>	<b>0.013</b>		0.0049	0.0022	mg/Kg	✳	05/14/22 09:17	05/25/22 13:47	1
methyl isobutyl ketone	<0.0049		0.0049	0.0014	mg/Kg	✳	05/14/22 09:17	05/25/22 13:47	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00057	mg/Kg	✳	05/14/22 09:17	05/25/22 13:47	1
Styrene	<0.0020		0.0020	0.00059	mg/Kg	✳	05/14/22 09:17	05/25/22 13:47	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00062	mg/Kg	✳	05/14/22 09:17	05/25/22 13:47	1
Tetrachloroethene	<0.0020		0.0020	0.00067	mg/Kg	✳	05/14/22 09:17	05/25/22 13:47	1
Toluene	<0.0020		0.0020	0.00049	mg/Kg	✳	05/14/22 09:17	05/25/22 13:47	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00087	mg/Kg	✳	05/14/22 09:17	05/25/22 13:47	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00069	mg/Kg	✳	05/14/22 09:17	05/25/22 13:47	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00066	mg/Kg	✳	05/14/22 09:17	05/25/22 13:47	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00084	mg/Kg	✳	05/14/22 09:17	05/25/22 13:47	1
<b>Trichloroethene</b>	<b>0.00085 J</b>		0.0020	0.00066	mg/Kg	✳	05/14/22 09:17	05/25/22 13:47	1
Vinyl chloride	<0.0020		0.0020	0.00086	mg/Kg	✳	05/14/22 09:17	05/25/22 13:47	1
Xylenes, Total	<0.0039		0.0039	0.00063	mg/Kg	✳	05/14/22 09:17	05/25/22 13:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		75 - 131	05/14/22 09:17	05/25/22 13:47	1
Dibromofluoromethane (Surr)	105		75 - 126	05/14/22 09:17	05/25/22 13:47	1
1,2-Dichloroethane-d4 (Surr)	118		70 - 134	05/14/22 09:17	05/25/22 13:47	1
Toluene-d8 (Surr)	99		75 - 124	05/14/22 09:17	05/25/22 13:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.043	mg/Kg	✳	05/26/22 14:04	05/27/22 17:11	1
1,2-Dichlorobenzene	<0.20		0.20	0.048	mg/Kg	✳	05/26/22 14:04	05/27/22 17:11	1
1,3-Dichlorobenzene	<0.20		0.20	0.045	mg/Kg	✳	05/26/22 14:04	05/27/22 17:11	1
1,4-Dichlorobenzene	<0.20		0.20	0.051	mg/Kg	✳	05/26/22 14:04	05/27/22 17:11	1
2,2'-oxybis[1-chloropropane]	<0.20	+	0.20	0.046	mg/Kg	✳	05/26/22 14:04	05/27/22 17:11	1

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Client Sample Results

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

Job ID: 500-216607-1

Client Sample ID: ROW-141(4-9)-051322

Lab Sample ID: 500-216607-10

Date Collected: 05/13/22 12:45

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 79.0

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

Table with 10 columns: Analyte, Result, Qualifier, RL, MDL, Unit, D, Prepared, Analyzed, Dil Fac. Rows include various analytes like Indeno[1,2,3-cd]pyrene, Phenanthrene, Pyrene, and a Surrogate section with %Recovery and Limits.

Method: 6010B - Metals (ICP) - TCLP

Table with 10 columns: Analyte, Result, Qualifier, RL, MDL, Unit, D, Prepared, Analyzed, Dil Fac. Rows include metals such as Arsenic, Barium, Cadmium, Copper, Lead, Nickel, Zinc, and Manganese.

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

Table with 10 columns: Analyte, Result, Qualifier, RL, MDL, Unit, D, Prepared, Analyzed, Dil Fac. Rows include metals such as Arsenic, Barium, Cadmium, Chromium, Copper, Lead, Nickel, and Selenium.

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# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-141(4-9)-051322**

**Lab Sample ID: 500-216607-10**

Date Collected: 05/13/22 12:45

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 79.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:39	1
Zinc	0.19	J	0.50	0.020	mg/L		05/21/22 12:16	05/23/22 21:39	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	13000		12	4.9	mg/Kg	*	05/20/22 09:23	05/23/22 19:04	1
Antimony	0.28	J	1.2	0.23	mg/Kg	*	05/20/22 09:23	05/23/22 19:04	1
Arsenic	8.4		0.60	0.21	mg/Kg	*	05/20/22 09:23	05/23/22 19:04	1
Barium	180		0.60	0.069	mg/Kg	*	05/20/22 09:23	05/23/22 19:04	1
Beryllium	0.94		0.24	0.056	mg/Kg	*	05/20/22 09:23	05/23/22 19:04	1
Cadmium	0.17	B	0.12	0.022	mg/Kg	*	05/20/22 09:23	05/23/22 19:04	1
Calcium	4600	B	12	2.0	mg/Kg	*	05/20/22 09:23	05/24/22 12:31	1
Chromium	18	B	0.60	0.30	mg/Kg	*	05/20/22 09:23	05/23/22 19:04	1
Cobalt	14		0.30	0.079	mg/Kg	*	05/20/22 09:23	05/23/22 19:04	1
Copper	25	B	0.60	0.17	mg/Kg	*	05/20/22 09:23	05/23/22 19:04	1
Iron	18000	B	12	6.2	mg/Kg	*	05/20/22 09:23	05/23/22 19:04	1
Lead	17		0.30	0.14	mg/Kg	*	05/20/22 09:23	05/23/22 19:04	1
Magnesium	4000		6.0	3.0	mg/Kg	*	05/20/22 09:23	05/23/22 19:04	1
Manganese	250		0.60	0.087	mg/Kg	*	05/20/22 09:23	05/23/22 19:04	1
Nickel	29		0.60	0.17	mg/Kg	*	05/20/22 09:23	05/23/22 19:04	1
Potassium	590		30	11	mg/Kg	*	05/20/22 09:23	05/23/22 19:04	1
Selenium	<0.60		0.60	0.35	mg/Kg	*	05/20/22 09:23	05/23/22 19:04	1
Silver	0.50		0.30	0.078	mg/Kg	*	05/20/22 09:23	05/23/22 19:04	1
Sodium	530		60	8.9	mg/Kg	*	05/20/22 09:23	05/23/22 19:04	1
Thallium	0.50	J	0.60	0.30	mg/Kg	*	05/20/22 09:23	05/23/22 19:04	1
Vanadium	36		0.30	0.071	mg/Kg	*	05/20/22 09:23	05/23/22 19:04	1
Zinc	59		1.2	0.53	mg/Kg	*	05/20/22 09:23	05/23/22 19:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/23/22 10:25	05/24/22 09:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/23/22 10:25	05/24/22 10:32	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.052	F1	0.019	0.0062	mg/Kg	*	05/20/22 15:05	05/23/22 07:43	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.5		0.2	0.2	SU			05/19/22 21:00	1







# Client Sample Results

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

Job ID: 500-216607-1

Client Sample ID: ROW-147(0-4)-051322

Lab Sample ID: 500-216607-11

Date Collected: 05/13/22 13:00

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 80.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:42	1
Zinc	0.77		0.50	0.020	mg/L		05/21/22 12:16	05/23/22 21:42	1

## Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	18000		12	4.9	mg/Kg	*	05/20/22 09:23	05/23/22 19:07	1
Antimony	<1.2		1.2	0.23	mg/Kg	*	05/20/22 09:23	05/23/22 19:07	1
Arsenic	5.8		0.60	0.21	mg/Kg	*	05/20/22 09:23	05/23/22 19:07	1
Barium	120		0.60	0.069	mg/Kg	*	05/20/22 09:23	05/23/22 19:07	1
Beryllium	0.93		0.24	0.056	mg/Kg	*	05/20/22 09:23	05/23/22 19:07	1
Cadmium	<0.12		0.12	0.022	mg/Kg	*	05/20/22 09:23	05/23/22 19:07	1
Calcium	9700	B	12	2.0	mg/Kg	*	05/20/22 09:23	05/24/22 12:34	1
Chromium	22	B	0.60	0.30	mg/Kg	*	05/20/22 09:23	05/23/22 19:07	1
Cobalt	11		0.30	0.079	mg/Kg	*	05/20/22 09:23	05/23/22 19:07	1
Copper	18	B	0.60	0.17	mg/Kg	*	05/20/22 09:23	05/23/22 19:07	1
Iron	19000	B	12	6.3	mg/Kg	*	05/20/22 09:23	05/23/22 19:07	1
Lead	18		0.30	0.14	mg/Kg	*	05/20/22 09:23	05/23/22 19:07	1
Magnesium	7100		6.0	3.0	mg/Kg	*	05/20/22 09:23	05/23/22 19:07	1
Manganese	460		0.60	0.087	mg/Kg	*	05/20/22 09:23	05/23/22 19:07	1
Nickel	22		0.60	0.18	mg/Kg	*	05/20/22 09:23	05/23/22 19:07	1
Potassium	1200		30	11	mg/Kg	*	05/20/22 09:23	05/23/22 19:07	1
Selenium	<0.60		0.60	0.35	mg/Kg	*	05/20/22 09:23	05/23/22 19:07	1
Silver	0.39		0.30	0.078	mg/Kg	*	05/20/22 09:23	05/23/22 19:07	1
Sodium	2100		60	8.9	mg/Kg	*	05/20/22 09:23	05/23/22 19:07	1
Thallium	0.67		0.60	0.30	mg/Kg	*	05/20/22 09:23	05/23/22 19:07	1
Vanadium	33		0.30	0.071	mg/Kg	*	05/20/22 09:23	05/23/22 19:07	1
Zinc	65		1.2	0.53	mg/Kg	*	05/20/22 09:23	05/23/22 19:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/23/22 10:25	05/24/22 09:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/23/22 10:25	05/24/22 10:34	1

## Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.052		0.019	0.0063	mg/Kg	*	05/20/22 15:05	05/23/22 07:51	1

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.7		0.2	0.2	SU			05/19/22 21:03	1









# Client Sample Results

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

Job ID: 500-216607-1

Client Sample ID: ROW-147(4-9)-051322

Lab Sample ID: 500-216607-12

Date Collected: 05/13/22 13:05

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 88.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:46	1
Zinc	0.51		0.50	0.020	mg/L		05/21/22 12:16	05/23/22 21:46	1

## Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7700		11	4.6	mg/Kg	☆	05/20/22 09:23	05/23/22 19:10	1
Antimony	<1.1		1.1	0.22	mg/Kg	☆	05/20/22 09:23	05/23/22 19:10	1
Arsenic	8.7		0.56	0.19	mg/Kg	☆	05/20/22 09:23	05/23/22 19:10	1
Barium	30		0.56	0.064	mg/Kg	☆	05/20/22 09:23	05/23/22 19:10	1
Beryllium	0.66		0.22	0.052	mg/Kg	☆	05/20/22 09:23	05/23/22 19:10	1
Cadmium	0.070	J B	0.11	0.020	mg/Kg	☆	05/20/22 09:23	05/23/22 19:10	1
Calcium	77000	B	56	9.5	mg/Kg	☆	05/20/22 09:23	05/24/22 12:37	5
Chromium	14	B	0.56	0.28	mg/Kg	☆	05/20/22 09:23	05/23/22 19:10	1
Cobalt	13		0.28	0.074	mg/Kg	☆	05/20/22 09:23	05/23/22 19:10	1
Copper	24	B	0.56	0.16	mg/Kg	☆	05/20/22 09:23	05/23/22 19:10	1
Iron	19000	B	11	5.8	mg/Kg	☆	05/20/22 09:23	05/23/22 19:10	1
Lead	15		0.28	0.13	mg/Kg	☆	05/20/22 09:23	05/23/22 19:10	1
Magnesium	33000		5.6	2.8	mg/Kg	☆	05/20/22 09:23	05/23/22 19:10	1
Manganese	370		0.56	0.081	mg/Kg	☆	05/20/22 09:23	05/23/22 19:10	1
Nickel	28		0.56	0.16	mg/Kg	☆	05/20/22 09:23	05/23/22 19:10	1
Potassium	1800		28	9.9	mg/Kg	☆	05/20/22 09:23	05/23/22 19:10	1
Selenium	<0.56		0.56	0.33	mg/Kg	☆	05/20/22 09:23	05/23/22 19:10	1
Silver	0.23	J	0.28	0.072	mg/Kg	☆	05/20/22 09:23	05/23/22 19:10	1
Sodium	550		56	8.3	mg/Kg	☆	05/20/22 09:23	05/23/22 19:10	1
Thallium	0.94		0.56	0.28	mg/Kg	☆	05/20/22 09:23	05/23/22 19:10	1
Vanadium	17		0.28	0.066	mg/Kg	☆	05/20/22 09:23	05/23/22 19:10	1
Zinc	58		1.1	0.49	mg/Kg	☆	05/20/22 09:23	05/23/22 19:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/23/22 10:25	05/24/22 09:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/23/22 10:25	05/24/22 10:36	1

## Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.030		0.017	0.0058	mg/Kg	☆	05/20/22 15:05	05/23/22 07:54	1

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.4		0.2	0.2	SU			05/19/22 21:05	1

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# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-151(0-5)-051322**

**Lab Sample ID: 500-216607-13**

Date Collected: 05/13/22 13:20

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 84.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:49	1
<b>Zinc</b>	<b>0.40</b>	<b>J</b>	0.50	0.020	mg/L		05/21/22 12:16	05/23/22 21:49	1

### Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>13000</b>		11	4.5	mg/Kg	✧	05/20/22 09:23	05/23/22 19:13	1
Antimony	<1.1		1.1	0.22	mg/Kg	✧	05/20/22 09:23	05/23/22 19:13	1
<b>Arsenic</b>	<b>7.3</b>		0.56	0.19	mg/Kg	✧	05/20/22 09:23	05/23/22 19:13	1
<b>Barium</b>	<b>65</b>		0.56	0.063	mg/Kg	✧	05/20/22 09:23	05/23/22 19:13	1
<b>Beryllium</b>	<b>0.80</b>		0.22	0.052	mg/Kg	✧	05/20/22 09:23	05/23/22 19:13	1
<b>Cadmium</b>	<b>0.048</b>	<b>J B</b>	0.11	0.020	mg/Kg	✧	05/20/22 09:23	05/23/22 19:13	1
<b>Calcium</b>	<b>34000</b>	<b>B</b>	56	9.4	mg/Kg	✧	05/20/22 09:23	05/24/22 12:41	5
<b>Chromium</b>	<b>17</b>	<b>B</b>	0.56	0.28	mg/Kg	✧	05/20/22 09:23	05/23/22 19:13	1
<b>Cobalt</b>	<b>12</b>		0.28	0.073	mg/Kg	✧	05/20/22 09:23	05/23/22 19:13	1
<b>Copper</b>	<b>18</b>	<b>B</b>	0.56	0.16	mg/Kg	✧	05/20/22 09:23	05/23/22 19:13	1
<b>Iron</b>	<b>19000</b>	<b>B</b>	11	5.8	mg/Kg	✧	05/20/22 09:23	05/23/22 19:13	1
<b>Lead</b>	<b>16</b>		0.28	0.13	mg/Kg	✧	05/20/22 09:23	05/23/22 19:13	1
<b>Magnesium</b>	<b>16000</b>		5.6	2.8	mg/Kg	✧	05/20/22 09:23	05/23/22 19:13	1
<b>Manganese</b>	<b>580</b>		0.56	0.081	mg/Kg	✧	05/20/22 09:23	05/23/22 19:13	1
<b>Nickel</b>	<b>24</b>		0.56	0.16	mg/Kg	✧	05/20/22 09:23	05/23/22 19:13	1
<b>Potassium</b>	<b>1500</b>		28	9.8	mg/Kg	✧	05/20/22 09:23	05/23/22 19:13	1
<b>Selenium</b>	<b>0.43</b>	<b>J</b>	0.56	0.33	mg/Kg	✧	05/20/22 09:23	05/23/22 19:13	1
<b>Silver</b>	<b>0.30</b>		0.28	0.072	mg/Kg	✧	05/20/22 09:23	05/23/22 19:13	1
<b>Sodium</b>	<b>620</b>		56	8.2	mg/Kg	✧	05/20/22 09:23	05/23/22 19:13	1
<b>Thallium</b>	<b>0.70</b>		0.56	0.28	mg/Kg	✧	05/20/22 09:23	05/23/22 19:13	1
<b>Vanadium</b>	<b>28</b>		0.28	0.066	mg/Kg	✧	05/20/22 09:23	05/23/22 19:13	1
<b>Zinc</b>	<b>55</b>		1.1	0.49	mg/Kg	✧	05/20/22 09:23	05/23/22 19:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/23/22 10:25	05/24/22 09:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/23/22 10:25	05/24/22 10:38	1

### Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.038</b>		0.019	0.0063	mg/Kg	✧	05/20/22 15:05	05/23/22 08:00	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.1</b>		0.2	0.2	SU			05/19/22 21:08	1





# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-151(5-10)-051322**

**Lab Sample ID: 500-216607-14**

Date Collected: 05/13/22 13:25

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 81.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.090	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
2,4,6-Trichlorophenol	<0.39		0.39	0.13	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
2,4-Dichlorophenol	<0.39		0.39	0.093	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
2,4-Dinitrophenol	<0.79		0.79	0.69	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
2,4-Dinitrotoluene	<0.20		0.20	0.062	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
2,6-Dinitrotoluene	<0.20		0.20	0.077	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
2-Chloronaphthalene	<0.20		0.20	0.043	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
2-Chlorophenol	<0.20		0.20	0.067	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
2-Methylnaphthalene	<0.079		0.079	0.0072	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
2-Nitrophenol	<0.39		0.39	0.093	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
3 & 4 Methylphenol	<0.20		0.20	0.065	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.32	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
4-Chloroaniline	<0.79		0.79	0.18	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
4-Nitroaniline	<0.39		0.39	0.16	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
4-Nitrophenol	<0.79		0.79	0.37	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
Acenaphthene	<0.039		0.039	0.0071	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
Anthracene	<0.039		0.039	0.0066	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
Benzo[a]anthracene	<0.039		0.039	0.0053	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
Benzo[a]pyrene	<0.039	*3	0.039	0.0076	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
Benzo[b]fluoranthene	<0.039	*3	0.039	0.0085	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
Benzo[g,h,i]perylene	<0.039	*3	0.039	0.013	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
Benzo[k]fluoranthene	<0.039	*3	0.039	0.012	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
Bis(2-chloroethyl)ether	<0.20	+	0.20	0.059	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
Butyl benzyl phthalate	<0.20		0.20	0.075	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
Carbazole	<0.20		0.20	0.098	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
Chrysene	<0.039		0.039	0.011	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
Dibenz(a,h)anthracene	<0.039	*3	0.039	0.0076	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
Diethyl phthalate	<0.20		0.20	0.067	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
Dimethyl phthalate	<0.20		0.20	0.051	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
<b>Fluoranthene</b>	<b>0.014</b>	<b>J</b>	0.039	0.0073	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
Fluorene	<0.039		0.039	0.0055	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
Hexachlorobenzene	<0.079		0.079	0.0091	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
Hexachlorocyclopentadiene	<0.79	*-	0.79	0.23	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
Hexachloroethane	<0.20		0.20	0.060	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1

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# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-151(5-10)-051322**

**Lab Sample ID: 500-216607-14**

Date Collected: 05/13/22 13:25

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 81.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.039	*3	0.039	0.010	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
Naphthalene	<0.039		0.039	0.0060	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
Nitrobenzene	<0.039		0.039	0.0098	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.048	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
N-Nitrosodiphenylamine	<0.20		0.20	0.046	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
Pentachlorophenol	<0.79		0.79	0.63	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
<b>Phenanthrene</b>	<b>0.0099</b>	<b>J</b>	0.039	0.0055	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
Phenol	<0.20		0.20	0.087	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
<b>Pyrene</b>	<b>0.0089</b>	<b>J</b>	0.039	0.0078	mg/Kg	☼	05/26/22 14:04	05/27/22 18:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	80		31 - 143				05/26/22 14:04	05/27/22 18:37	1
2-Fluorobiphenyl (Surr)	91		43 - 145				05/26/22 14:04	05/27/22 18:37	1
2-Fluorophenol (Surr)	108		31 - 166				05/26/22 14:04	05/27/22 18:37	1
Nitrobenzene-d5 (Surr)	139		37 - 147				05/26/22 14:04	05/27/22 18:37	1
Phenol-d5 (Surr)	117		30 - 153				05/26/22 14:04	05/27/22 18:37	1
Terphenyl-d14 (Surr)	147		42 - 157				05/26/22 14:04	05/27/22 18:37	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		05/21/22 12:12	05/23/22 14:23	1
<b>Barium</b>	<b>0.91</b>		0.50	0.050	mg/L		05/21/22 12:12	05/23/22 14:23	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/21/22 12:12	05/23/22 14:23	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/21/22 12:12	05/23/22 14:23	1
Chromium	<0.025		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:23	1
<b>Cobalt</b>	<b>0.016</b>	<b>J</b>	0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:23	1
Copper	<0.025		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:23	1
<b>Iron</b>	<b>0.24</b>	<b>J</b>	0.40	0.20	mg/L		05/21/22 12:12	05/23/22 14:23	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/21/22 12:12	05/23/22 14:23	1
<b>Manganese</b>	<b>4.9</b>		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:23	1
<b>Nickel</b>	<b>0.017</b>	<b>J</b>	0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:23	1
Selenium	<0.050		0.050	0.020	mg/L		05/21/22 12:12	05/23/22 14:23	1
Silver	<0.025		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:23	1
<b>Zinc</b>	<b>0.045</b>	<b>J</b>	0.50	0.020	mg/L		05/21/22 12:12	05/23/22 14:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.066</b>		0.050	0.010	mg/L		05/21/22 12:16	05/23/22 21:52	1
<b>Barium</b>	<b>0.64</b>		0.50	0.050	mg/L		05/21/22 12:16	05/23/22 21:52	1
<b>Beryllium</b>	<b>0.0065</b>		0.0040	0.0040	mg/L		05/21/22 12:16	05/23/22 21:52	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/21/22 12:16	05/23/22 21:52	1
<b>Chromium</b>	<b>0.12</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:52	1
<b>Cobalt</b>	<b>0.050</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:52	1
<b>Copper</b>	<b>0.15</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:52	1
<b>Iron</b>	<b>140</b>		0.40	0.20	mg/L		05/21/22 12:16	05/23/22 21:52	1
<b>Lead</b>	<b>0.082</b>		0.0075	0.0075	mg/L		05/21/22 12:16	05/23/22 21:52	1
<b>Manganese</b>	<b>0.86</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:52	1
<b>Nickel</b>	<b>0.14</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:52	1
Selenium	<0.050		0.050	0.020	mg/L		05/21/22 12:16	05/23/22 21:52	1

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# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-151(5-10)-051322**

**Lab Sample ID: 500-216607-14**

Date Collected: 05/13/22 13:25

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 81.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:52	1
<b>Zinc</b>	<b>0.38</b>	<b>J</b>	0.50	0.020	mg/L		05/21/22 12:16	05/23/22 21:52	1

### Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>13000</b>		12	4.7	mg/Kg	☆	05/20/22 09:23	05/23/22 19:17	1
Antimony	<1.2		1.2	0.23	mg/Kg	☆	05/20/22 09:23	05/23/22 19:17	1
<b>Arsenic</b>	<b>8.3</b>		0.58	0.20	mg/Kg	☆	05/20/22 09:23	05/23/22 19:17	1
<b>Barium</b>	<b>73</b>		0.58	0.066	mg/Kg	☆	05/20/22 09:23	05/23/22 19:17	1
<b>Beryllium</b>	<b>0.78</b>		0.23	0.054	mg/Kg	☆	05/20/22 09:23	05/23/22 19:17	1
<b>Cadmium</b>	<b>0.034</b>	<b>J B</b>	0.12	0.021	mg/Kg	☆	05/20/22 09:23	05/23/22 19:17	1
<b>Calcium</b>	<b>36000</b>	<b>B</b>	58	9.8	mg/Kg	☆	05/20/22 09:23	05/24/22 12:44	5
<b>Chromium</b>	<b>16</b>	<b>B</b>	0.58	0.29	mg/Kg	☆	05/20/22 09:23	05/23/22 19:17	1
<b>Cobalt</b>	<b>10</b>		0.29	0.076	mg/Kg	☆	05/20/22 09:23	05/23/22 19:17	1
<b>Copper</b>	<b>18</b>	<b>B</b>	0.58	0.16	mg/Kg	☆	05/20/22 09:23	05/23/22 19:17	1
<b>Iron</b>	<b>19000</b>	<b>B</b>	12	6.0	mg/Kg	☆	05/20/22 09:23	05/23/22 19:17	1
<b>Lead</b>	<b>15</b>		0.29	0.13	mg/Kg	☆	05/20/22 09:23	05/23/22 19:17	1
<b>Magnesium</b>	<b>17000</b>		5.8	2.9	mg/Kg	☆	05/20/22 09:23	05/23/22 19:17	1
<b>Manganese</b>	<b>480</b>		0.58	0.084	mg/Kg	☆	05/20/22 09:23	05/23/22 19:17	1
<b>Nickel</b>	<b>23</b>		0.58	0.17	mg/Kg	☆	05/20/22 09:23	05/23/22 19:17	1
<b>Potassium</b>	<b>1300</b>		29	10	mg/Kg	☆	05/20/22 09:23	05/23/22 19:17	1
Selenium	<0.58		0.58	0.34	mg/Kg	☆	05/20/22 09:23	05/23/22 19:17	1
<b>Silver</b>	<b>0.31</b>		0.29	0.075	mg/Kg	☆	05/20/22 09:23	05/23/22 19:17	1
<b>Sodium</b>	<b>410</b>		58	8.6	mg/Kg	☆	05/20/22 09:23	05/23/22 19:17	1
<b>Thallium</b>	<b>0.65</b>		0.58	0.29	mg/Kg	☆	05/20/22 09:23	05/23/22 19:17	1
<b>Vanadium</b>	<b>29</b>		0.29	0.068	mg/Kg	☆	05/20/22 09:23	05/23/22 19:17	1
<b>Zinc</b>	<b>64</b>		1.2	0.51	mg/Kg	☆	05/20/22 09:23	05/23/22 19:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/23/22 10:25	05/24/22 09:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/23/22 10:25	05/24/22 10:40	1

### Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.023</b>		0.018	0.0060	mg/Kg	☆	05/20/22 15:05	05/23/22 08:02	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>7.9</b>		0.2	0.2	SU			05/19/22 21:13	1

# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-151(10-16)-051322**

**Lab Sample ID: 500-216607-15**

**Date Collected: 05/13/22 13:30**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 87.8**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0072	mg/Kg	☼	05/14/22 09:17	05/25/22 14:38	1
Benzene	<0.0017		0.0017	0.00042	mg/Kg	☼	05/14/22 09:17	05/25/22 14:38	1
Bromodichloromethane	<0.0017		0.0017	0.00034	mg/Kg	☼	05/14/22 09:17	05/25/22 14:38	1
Bromoform	<0.0017		0.0017	0.00048	mg/Kg	☼	05/14/22 09:17	05/25/22 14:38	1
Bromomethane	<0.0041		0.0041	0.0016	mg/Kg	☼	05/14/22 09:17	05/25/22 14:38	1
Carbon disulfide	<0.0041		0.0041	0.00086	mg/Kg	☼	05/14/22 09:17	05/25/22 14:38	1
Carbon tetrachloride	<0.0017		0.0017	0.00048	mg/Kg	☼	05/14/22 09:17	05/25/22 14:38	1
Chlorobenzene	<0.0017		0.0017	0.00061	mg/Kg	☼	05/14/22 09:17	05/25/22 14:38	1
Chloroethane	<0.0041		0.0041	0.0012	mg/Kg	☼	05/14/22 09:17	05/25/22 14:38	1
Chloroform	<0.0017		0.0017	0.00057	mg/Kg	☼	05/14/22 09:17	05/25/22 14:38	1
Chloromethane	<0.0041		0.0041	0.0017	mg/Kg	☼	05/14/22 09:17	05/25/22 14:38	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00046	mg/Kg	☼	05/14/22 09:17	05/25/22 14:38	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00050	mg/Kg	☼	05/14/22 09:17	05/25/22 14:38	1
Dibromochloromethane	<0.0017		0.0017	0.00054	mg/Kg	☼	05/14/22 09:17	05/25/22 14:38	1
1,1-Dichloroethane	<0.0017		0.0017	0.00057	mg/Kg	☼	05/14/22 09:17	05/25/22 14:38	1
1,2-Dichloroethane	<0.0041		0.0041	0.0013	mg/Kg	☼	05/14/22 09:17	05/25/22 14:38	1
1,1-Dichloroethene	<0.0017		0.0017	0.00057	mg/Kg	☼	05/14/22 09:17	05/25/22 14:38	1
1,2-Dichloropropane	<0.0017		0.0017	0.00043	mg/Kg	☼	05/14/22 09:17	05/25/22 14:38	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00058	mg/Kg	☼	05/14/22 09:17	05/25/22 14:38	1
Ethylbenzene	<0.0017		0.0017	0.00079	mg/Kg	☼	05/14/22 09:17	05/25/22 14:38	1
2-Hexanone	<0.0041		0.0041	0.0013	mg/Kg	☼	05/14/22 09:17	05/25/22 14:38	1
Methylene Chloride	<0.0041		0.0041	0.0016	mg/Kg	☼	05/14/22 09:17	05/25/22 14:38	1
Methyl Ethyl Ketone	<0.0041		0.0041	0.0018	mg/Kg	☼	05/14/22 09:17	05/25/22 14:38	1
methyl isobutyl ketone	<0.0041		0.0041	0.0012	mg/Kg	☼	05/14/22 09:17	05/25/22 14:38	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00048	mg/Kg	☼	05/14/22 09:17	05/25/22 14:38	1
Styrene	<0.0017		0.0017	0.00050	mg/Kg	☼	05/14/22 09:17	05/25/22 14:38	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00053	mg/Kg	☼	05/14/22 09:17	05/25/22 14:38	1
Tetrachloroethene	<0.0017		0.0017	0.00056	mg/Kg	☼	05/14/22 09:17	05/25/22 14:38	1
Toluene	<0.0017		0.0017	0.00042	mg/Kg	☼	05/14/22 09:17	05/25/22 14:38	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00073	mg/Kg	☼	05/14/22 09:17	05/25/22 14:38	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00058	mg/Kg	☼	05/14/22 09:17	05/25/22 14:38	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00055	mg/Kg	☼	05/14/22 09:17	05/25/22 14:38	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00071	mg/Kg	☼	05/14/22 09:17	05/25/22 14:38	1
Trichloroethene	<0.0017		0.0017	0.00056	mg/Kg	☼	05/14/22 09:17	05/25/22 14:38	1
Vinyl chloride	<0.0017		0.0017	0.00073	mg/Kg	☼	05/14/22 09:17	05/25/22 14:38	1
Xylenes, Total	<0.0033		0.0033	0.00053	mg/Kg	☼	05/14/22 09:17	05/25/22 14:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		75 - 131	05/14/22 09:17	05/25/22 14:38	1
Dibromofluoromethane (Surr)	109		75 - 126	05/14/22 09:17	05/25/22 14:38	1
1,2-Dichloroethane-d4 (Surr)	119		70 - 134	05/14/22 09:17	05/25/22 14:38	1
Toluene-d8 (Surr)	97		75 - 124	05/14/22 09:17	05/25/22 14:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
1,2-Dichlorobenzene	<0.19		0.19	0.044	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
2,2'-oxybis[1-chloropropane]	<0.19	+	0.19	0.043	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1

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# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-151(10-16)-051322**

**Lab Sample ID: 500-216607-15**

**Date Collected: 05/13/22 13:30**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 87.8**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.085	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
2,4-Dichlorophenol	<0.37		0.37	0.088	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
2,4-Dinitrophenol	<0.75		0.75	0.65	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
2,4-Dinitrotoluene	<0.19		0.19	0.059	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
2,6-Dinitrotoluene	<0.19		0.19	0.073	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
2-Chlorophenol	<0.19		0.19	0.063	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
2-Methylnaphthalene	<0.075		0.075	0.0068	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
2-Nitrophenol	<0.37		0.37	0.088	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
3 & 4 Methylphenol	<0.19		0.19	0.062	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.052	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
3-Nitroaniline	<0.37		0.37	0.11	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.30	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
4-Chloroaniline	<0.75		0.75	0.17	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.043	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
4-Nitrophenol	<0.75		0.75	0.35	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
Acenaphthene	<0.037		0.037	0.0067	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
Acenaphthylene	<0.037		0.037	0.0049	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
Anthracene	<0.037		0.037	0.0062	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
Benzo[a]anthracene	<0.037		0.037	0.0050	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
Benzo[a]pyrene	<0.037	*3	0.037	0.0072	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
Benzo[b]fluoranthene	<0.037	*3	0.037	0.0080	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
Benzo[g,h,i]perylene	<0.037	*3	0.037	0.012	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
Benzo[k]fluoranthene	<0.037	*3	0.037	0.011	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
Bis(2-chloroethyl)ether	<0.19	+	0.19	0.056	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.068	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
Butyl benzyl phthalate	<0.19		0.19	0.071	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
Carbazole	<0.19		0.19	0.093	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
Chrysene	<0.037		0.037	0.010	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
Dibenz(a,h)anthracene	<0.037	*3	0.037	0.0072	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
Dibenzofuran	<0.19		0.19	0.043	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
Diethyl phthalate	<0.19		0.19	0.063	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
Dimethyl phthalate	<0.19		0.19	0.048	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
Di-n-butyl phthalate	<0.19		0.19	0.056	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
Fluoranthene	<0.037		0.037	0.0069	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
Fluorene	<0.037		0.037	0.0052	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
Hexachlorobenzene	<0.075		0.075	0.0086	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
Hexachlorobutadiene	<0.19		0.19	0.058	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
Hexachlorocyclopentadiene	<0.75	*-	0.75	0.21	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
Hexachloroethane	<0.19		0.19	0.056	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1

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# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-151(10-16)-051322**

**Lab Sample ID: 500-216607-15**

**Date Collected: 05/13/22 13:30**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 87.8**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.037	*3	0.037	0.0096	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
Naphthalene	<0.037		0.037	0.0057	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
Nitrobenzene	<0.037		0.037	0.0093	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.045	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
Pentachlorophenol	<0.75		0.75	0.60	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
Phenanthrene	<0.037		0.037	0.0052	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
Phenol	<0.19		0.19	0.082	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1
Pyrene	<0.037		0.037	0.0074	mg/Kg	☼	05/26/22 14:04	05/27/22 18:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	69		31 - 143	05/26/22 14:04	05/27/22 18:58	1
2-Fluorobiphenyl (Surr)	79		43 - 145	05/26/22 14:04	05/27/22 18:58	1
2-Fluorophenol (Surr)	103		31 - 166	05/26/22 14:04	05/27/22 18:58	1
Nitrobenzene-d5 (Surr)	76		37 - 147	05/26/22 14:04	05/27/22 18:58	1
Phenol-d5 (Surr)	109		30 - 153	05/26/22 14:04	05/27/22 18:58	1
Terphenyl-d14 (Surr)	149		42 - 157	05/26/22 14:04	05/27/22 18:58	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		05/21/22 12:12	05/23/22 14:26	1
<b>Barium</b>	<b>0.71</b>		0.50	0.050	mg/L		05/21/22 12:12	05/23/22 14:26	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/21/22 12:12	05/23/22 14:26	1
<b>Cadmium</b>	<b>0.0023</b>	<b>J</b>	0.0050	0.0020	mg/L		05/21/22 12:12	05/23/22 14:26	1
Chromium	<0.025		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:26	1
<b>Cobalt</b>	<b>0.029</b>		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:26	1
Copper	<0.025		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:26	1
Iron	<0.40		0.40	0.20	mg/L		05/21/22 12:12	05/23/22 14:26	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/21/22 12:12	05/23/22 14:26	1
<b>Manganese</b>	<b>7.1</b>		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:26	1
<b>Nickel</b>	<b>0.035</b>		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:26	1
Selenium	<0.050		0.050	0.020	mg/L		05/21/22 12:12	05/23/22 14:26	1
Silver	<0.025		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:26	1
<b>Zinc</b>	<b>0.14</b>	<b>J</b>	0.50	0.020	mg/L		05/21/22 12:12	05/23/22 14:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.047</b>	<b>J</b>	0.050	0.010	mg/L		05/21/22 12:16	05/23/22 21:55	1
<b>Barium</b>	<b>0.41</b>	<b>J</b>	0.50	0.050	mg/L		05/21/22 12:16	05/23/22 21:55	1
<b>Beryllium</b>	<b>0.0050</b>		0.0040	0.0040	mg/L		05/21/22 12:16	05/23/22 21:55	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/21/22 12:16	05/23/22 21:55	1
<b>Chromium</b>	<b>0.096</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:55	1
<b>Cobalt</b>	<b>0.040</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:55	1
<b>Copper</b>	<b>0.13</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:55	1
<b>Iron</b>	<b>110</b>		0.40	0.20	mg/L		05/21/22 12:16	05/23/22 21:55	1
<b>Lead</b>	<b>0.057</b>		0.0075	0.0075	mg/L		05/21/22 12:16	05/23/22 21:55	1
<b>Manganese</b>	<b>1.0</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:55	1
<b>Nickel</b>	<b>0.11</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:55	1
Selenium	<0.050		0.050	0.020	mg/L		05/21/22 12:16	05/23/22 21:55	1

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# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-151(10-16)-051322**

**Lab Sample ID: 500-216607-15**

Date Collected: 05/13/22 13:30

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 87.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:55	1
<b>Zinc</b>	<b>0.31</b>	<b>J</b>	0.50	0.020	mg/L		05/21/22 12:16	05/23/22 21:55	1

### Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>7200</b>		11	4.5	mg/Kg	☆	05/20/22 09:23	05/23/22 19:20	1
Antimony	<1.1		1.1	0.21	mg/Kg	☆	05/20/22 09:23	05/23/22 19:20	1
<b>Arsenic</b>	<b>6.4</b>		0.55	0.19	mg/Kg	☆	05/20/22 09:23	05/23/22 19:20	1
<b>Barium</b>	<b>47</b>		1.1	0.13	mg/Kg	☆	05/20/22 09:23	05/24/22 12:47	2
<b>Beryllium</b>	<b>0.52</b>		0.22	0.052	mg/Kg	☆	05/20/22 09:23	05/23/22 19:20	1
<b>Cadmium</b>	<b>0.063</b>	<b>J B</b>	0.11	0.020	mg/Kg	☆	05/20/22 09:23	05/23/22 19:20	1
<b>Calcium</b>	<b>90000</b>	<b>B</b>	55	9.3	mg/Kg	☆	05/20/22 09:23	05/24/22 12:50	5
<b>Chromium</b>	<b>11</b>	<b>B</b>	0.55	0.27	mg/Kg	☆	05/20/22 09:23	05/23/22 19:20	1
<b>Cobalt</b>	<b>7.2</b>		0.28	0.072	mg/Kg	☆	05/20/22 09:23	05/23/22 19:20	1
<b>Copper</b>	<b>14</b>	<b>B</b>	0.55	0.15	mg/Kg	☆	05/20/22 09:23	05/23/22 19:20	1
<b>Iron</b>	<b>15000</b>	<b>B</b>	22	11	mg/Kg	☆	05/20/22 09:23	05/24/22 12:47	2
<b>Lead</b>	<b>10</b>		0.28	0.13	mg/Kg	☆	05/20/22 09:23	05/23/22 19:20	1
<b>Magnesium</b>	<b>50000</b>		11	5.5	mg/Kg	☆	05/20/22 09:23	05/24/22 12:47	2
<b>Manganese</b>	<b>390</b>		0.55	0.080	mg/Kg	☆	05/20/22 09:23	05/23/22 19:20	1
<b>Nickel</b>	<b>17</b>		0.55	0.16	mg/Kg	☆	05/20/22 09:23	05/23/22 19:20	1
<b>Potassium</b>	<b>1100</b>		28	9.8	mg/Kg	☆	05/20/22 09:23	05/23/22 19:20	1
Selenium	<0.55		0.55	0.32	mg/Kg	☆	05/20/22 09:23	05/23/22 19:20	1
<b>Silver</b>	<b>0.14</b>	<b>J</b>	0.28	0.071	mg/Kg	☆	05/20/22 09:23	05/23/22 19:20	1
<b>Sodium</b>	<b>360</b>		55	8.2	mg/Kg	☆	05/20/22 09:23	05/23/22 19:20	1
<b>Thallium</b>	<b>0.37</b>	<b>J</b>	0.55	0.28	mg/Kg	☆	05/20/22 09:23	05/23/22 19:20	1
<b>Vanadium</b>	<b>17</b>		0.28	0.065	mg/Kg	☆	05/20/22 09:23	05/23/22 19:20	1
<b>Zinc</b>	<b>44</b>		1.1	0.48	mg/Kg	☆	05/20/22 09:23	05/23/22 19:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/23/22 10:25	05/24/22 09:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/23/22 10:25	05/24/22 10:42	1

### Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.031</b>		0.018	0.0058	mg/Kg	☆	05/20/22 15:05	05/23/22 08:04	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.0</b>		0.2	0.2	SU			05/19/22 21:18	1

# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-153(0-4)-051322**

**Lab Sample ID: 500-216607-16**

**Date Collected: 05/13/22 13:45**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 85.2**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0069	mg/Kg	☼	05/14/22 09:17	05/25/22 15:03	1
Benzene	<0.0016		0.0016	0.00041	mg/Kg	☼	05/14/22 09:17	05/25/22 15:03	1
Bromodichloromethane	<0.0016		0.0016	0.00032	mg/Kg	☼	05/14/22 09:17	05/25/22 15:03	1
Bromoform	<0.0016		0.0016	0.00046	mg/Kg	☼	05/14/22 09:17	05/25/22 15:03	1
Bromomethane	<0.0040		0.0040	0.0015	mg/Kg	☼	05/14/22 09:17	05/25/22 15:03	1
Carbon disulfide	<0.0040		0.0040	0.00083	mg/Kg	☼	05/14/22 09:17	05/25/22 15:03	1
Carbon tetrachloride	<0.0016		0.0016	0.00046	mg/Kg	☼	05/14/22 09:17	05/25/22 15:03	1
Chlorobenzene	<0.0016		0.0016	0.00059	mg/Kg	☼	05/14/22 09:17	05/25/22 15:03	1
Chloroethane	<0.0040		0.0040	0.0012	mg/Kg	☼	05/14/22 09:17	05/25/22 15:03	1
Chloroform	<0.0016		0.0016	0.00055	mg/Kg	☼	05/14/22 09:17	05/25/22 15:03	1
Chloromethane	<0.0040		0.0040	0.0016	mg/Kg	☼	05/14/22 09:17	05/25/22 15:03	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00044	mg/Kg	☼	05/14/22 09:17	05/25/22 15:03	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00048	mg/Kg	☼	05/14/22 09:17	05/25/22 15:03	1
Dibromochloromethane	<0.0016		0.0016	0.00052	mg/Kg	☼	05/14/22 09:17	05/25/22 15:03	1
1,1-Dichloroethane	<0.0016		0.0016	0.00054	mg/Kg	☼	05/14/22 09:17	05/25/22 15:03	1
1,2-Dichloroethane	<0.0040		0.0040	0.0012	mg/Kg	☼	05/14/22 09:17	05/25/22 15:03	1
1,1-Dichloroethene	<0.0016		0.0016	0.00055	mg/Kg	☼	05/14/22 09:17	05/25/22 15:03	1
1,2-Dichloropropane	<0.0016		0.0016	0.00041	mg/Kg	☼	05/14/22 09:17	05/25/22 15:03	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00056	mg/Kg	☼	05/14/22 09:17	05/25/22 15:03	1
Ethylbenzene	<0.0016		0.0016	0.00076	mg/Kg	☼	05/14/22 09:17	05/25/22 15:03	1
2-Hexanone	<0.0040		0.0040	0.0012	mg/Kg	☼	05/14/22 09:17	05/25/22 15:03	1
Methylene Chloride	<0.0040		0.0040	0.0016	mg/Kg	☼	05/14/22 09:17	05/25/22 15:03	1
Methyl Ethyl Ketone	<0.0040		0.0040	0.0018	mg/Kg	☼	05/14/22 09:17	05/25/22 15:03	1
methyl isobutyl ketone	<0.0040		0.0040	0.0012	mg/Kg	☼	05/14/22 09:17	05/25/22 15:03	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00047	mg/Kg	☼	05/14/22 09:17	05/25/22 15:03	1
Styrene	<0.0016		0.0016	0.00048	mg/Kg	☼	05/14/22 09:17	05/25/22 15:03	1
1,1,2,2-Tetrachloroethane	<0.0016	*3	0.0016	0.00051	mg/Kg	☼	05/14/22 09:17	05/25/22 15:03	1
Tetrachloroethene	<0.0016		0.0016	0.00054	mg/Kg	☼	05/14/22 09:17	05/25/22 15:03	1
Toluene	<0.0016		0.0016	0.00040	mg/Kg	☼	05/14/22 09:17	05/25/22 15:03	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00070	mg/Kg	☼	05/14/22 09:17	05/25/22 15:03	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00056	mg/Kg	☼	05/14/22 09:17	05/25/22 15:03	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00053	mg/Kg	☼	05/14/22 09:17	05/25/22 15:03	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00068	mg/Kg	☼	05/14/22 09:17	05/25/22 15:03	1
Trichloroethene	<0.0016		0.0016	0.00054	mg/Kg	☼	05/14/22 09:17	05/25/22 15:03	1
Vinyl chloride	<0.0016		0.0016	0.00070	mg/Kg	☼	05/14/22 09:17	05/25/22 15:03	1
Xylenes, Total	<0.0032		0.0032	0.00051	mg/Kg	☼	05/14/22 09:17	05/25/22 15:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	*3 S1+	75 - 131	05/14/22 09:17	05/25/22 15:03	1
Dibromofluoromethane (Surr)	108		75 - 126	05/14/22 09:17	05/25/22 15:03	1
1,2-Dichloroethane-d4 (Surr)	116		70 - 134	05/14/22 09:17	05/25/22 15:03	1
Toluene-d8 (Surr)	114		75 - 124	05/14/22 09:17	05/25/22 15:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
1,4-Dichlorobenzene	<0.19		0.19	0.050	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
2,2'-oxybis[1-chloropropane]	<0.19	*+	0.19	0.045	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1

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# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-153(0-4)-051322**

**Lab Sample ID: 500-216607-16**

**Date Collected: 05/13/22 13:45**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 85.2**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.088	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
2,4-Dichlorophenol	<0.38		0.38	0.092	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
2,4-Dimethylphenol	<0.38		0.38	0.15	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
2,4-Dinitrophenol	<0.78		0.78	0.68	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
2,4-Dinitrotoluene	<0.19		0.19	0.061	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
2,6-Dinitrotoluene	<0.19		0.19	0.076	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
2-Chloronaphthalene	<0.19		0.19	0.043	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
2-Chlorophenol	<0.19		0.19	0.066	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
2-Methylnaphthalene	<0.078		0.078	0.0071	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
2-Methylphenol	<0.19		0.19	0.062	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
2-Nitroaniline	<0.19		0.19	0.052	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
2-Nitrophenol	<0.38		0.38	0.091	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
3 & 4 Methylphenol	<0.19		0.19	0.064	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.054	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
4,6-Dinitro-2-methylphenol	<0.78		0.78	0.31	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.051	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
4-Chloroaniline	<0.78		0.78	0.18	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
4-Nitrophenol	<0.78		0.78	0.37	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
<b>Acenaphthene</b>	<b>0.0084</b>	<b>J</b>	0.038	0.0069	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
Acenaphthylene	<0.038		0.038	0.0051	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
<b>Anthracene</b>	<b>0.016</b>	<b>J</b>	0.038	0.0065	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
<b>Benzo[a]anthracene</b>	<b>0.028</b>	<b>J</b>	0.038	0.0052	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
<b>Benzo[a]pyrene</b>	<b>0.042</b>	<b>*3</b>	0.038	0.0075	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
<b>Benzo[b]fluoranthene</b>	<b>0.077</b>	<b>*3</b>	0.038	0.0083	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
<b>Benzo[g,h,i]perylene</b>	<b>0.025</b>	<b>J *3</b>	0.038	0.012	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
Benzo[k]fluoranthene	<0.038	<b>*3</b>	0.038	0.011	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
Bis(2-chloroethyl)ether	<0.19	<b>+</b>	0.19	0.058	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.071	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
Butyl benzyl phthalate	<0.19		0.19	0.074	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
Carbazole	<0.19		0.19	0.097	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
<b>Chrysene</b>	<b>0.061</b>		0.038	0.011	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
Dibenz(a,h)anthracene	<0.038	<b>*3</b>	0.038	0.0075	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
Diethyl phthalate	<0.19		0.19	0.065	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
Di-n-butyl phthalate	<0.19		0.19	0.059	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
Di-n-octyl phthalate	<0.19		0.19	0.063	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
<b>Fluoranthene</b>	<b>0.079</b>		0.038	0.0072	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
Fluorene	<0.038		0.038	0.0054	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
Hexachlorobenzene	<0.078		0.078	0.0090	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
Hexachlorobutadiene	<0.19		0.19	0.061	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
Hexachlorocyclopentadiene	<0.78	<b>*-</b>	0.78	0.22	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
Hexachloroethane	<0.19		0.19	0.059	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1

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# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-153(0-4)-051322**

**Lab Sample ID: 500-216607-16**

**Date Collected: 05/13/22 13:45**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 85.2**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.038	*3	0.038	0.010	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
Naphthalene	<0.038		0.038	0.0059	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
Nitrobenzene	<0.038		0.038	0.0096	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
N-Nitrosodi-n-propylamine	<0.078		0.078	0.047	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
N-Nitrosodiphenylamine	<0.19		0.19	0.046	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
Pentachlorophenol	<0.78		0.78	0.62	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
<b>Phenanthrene</b>	<b>0.058</b>		0.038	0.0054	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
Phenol	<0.19		0.19	0.086	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
<b>Pyrene</b>	<b>0.096</b>		0.038	0.0077	mg/Kg	☼	05/26/22 14:04	05/27/22 19:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	79		31 - 143				05/26/22 14:04	05/27/22 19:20	1
2-Fluorobiphenyl (Surr)	83		43 - 145				05/26/22 14:04	05/27/22 19:20	1
2-Fluorophenol (Surr)	96		31 - 166				05/26/22 14:04	05/27/22 19:20	1
Nitrobenzene-d5 (Surr)	65		37 - 147				05/26/22 14:04	05/27/22 19:20	1
Phenol-d5 (Surr)	96		30 - 153				05/26/22 14:04	05/27/22 19:20	1
Terphenyl-d14 (Surr)	160	S1+	42 - 157				05/26/22 14:04	05/27/22 19:20	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		05/21/22 12:12	05/23/22 14:29	1
<b>Barium</b>	<b>0.32</b>	<b>J</b>	0.50	0.050	mg/L		05/21/22 12:12	05/23/22 14:29	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/21/22 12:12	05/23/22 14:29	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/21/22 12:12	05/23/22 14:29	1
Chromium	<0.025		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:29	1
<b>Cobalt</b>	<b>0.040</b>		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:29	1
<b>Copper</b>	<b>0.014</b>	<b>J</b>	0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:29	1
Iron	<0.40		0.40	0.20	mg/L		05/21/22 12:12	05/23/22 14:29	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/21/22 12:12	05/23/22 14:29	1
<b>Manganese</b>	<b>3.3</b>		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:29	1
<b>Nickel</b>	<b>0.066</b>		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:29	1
Selenium	<0.050		0.050	0.020	mg/L		05/21/22 12:12	05/23/22 14:29	1
Silver	<0.025		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:29	1
<b>Zinc</b>	<b>0.12</b>	<b>J</b>	0.50	0.020	mg/L		05/21/22 12:12	05/23/22 14:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		05/21/22 12:16	05/23/22 21:58	1
<b>Barium</b>	<b>0.059</b>	<b>J</b>	0.50	0.050	mg/L		05/21/22 12:16	05/23/22 21:58	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/21/22 12:16	05/23/22 21:58	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/21/22 12:16	05/23/22 21:58	1
<b>Chromium</b>	<b>0.027</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:58	1
<b>Cobalt</b>	<b>0.010</b>	<b>J</b>	0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:58	1
<b>Copper</b>	<b>0.025</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:58	1
<b>Iron</b>	<b>16</b>		0.40	0.20	mg/L		05/21/22 12:16	05/23/22 21:58	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/21/22 12:16	05/23/22 21:58	1
<b>Manganese</b>	<b>0.17</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:58	1
<b>Nickel</b>	<b>0.023</b>	<b>J</b>	0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:58	1
Selenium	<0.050		0.050	0.020	mg/L		05/21/22 12:16	05/23/22 21:58	1

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# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-153(0-4)-051322**

**Lab Sample ID: 500-216607-16**

Date Collected: 05/13/22 13:45

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 85.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 21:58	1
<b>Zinc</b>	<b>0.045</b>	<b>J</b>	0.50	0.020	mg/L		05/21/22 12:16	05/23/22 21:58	1

### Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>10000</b>		11	4.4	mg/Kg	☆	05/20/22 09:23	05/23/22 19:33	1
Antimony	<1.1		1.1	0.21	mg/Kg	☆	05/20/22 09:23	05/23/22 19:33	1
<b>Arsenic</b>	<b>8.1</b>		0.54	0.18	mg/Kg	☆	05/20/22 09:23	05/23/22 19:33	1
<b>Barium</b>	<b>31</b>		0.54	0.062	mg/Kg	☆	05/20/22 09:23	05/23/22 19:33	1
<b>Beryllium</b>	<b>0.81</b>		0.22	0.050	mg/Kg	☆	05/20/22 09:23	05/23/22 19:33	1
<b>Cadmium</b>	<b>0.043</b>	<b>J B</b>	0.11	0.019	mg/Kg	☆	05/20/22 09:23	05/23/22 19:33	1
<b>Calcium</b>	<b>78000</b>	<b>B</b>	54	9.2	mg/Kg	☆	05/20/22 09:23	05/24/22 13:00	5
<b>Chromium</b>	<b>17</b>	<b>B</b>	0.54	0.27	mg/Kg	☆	05/20/22 09:23	05/23/22 19:33	1
<b>Cobalt</b>	<b>13</b>		0.27	0.071	mg/Kg	☆	05/20/22 09:23	05/23/22 19:33	1
<b>Copper</b>	<b>25</b>	<b>B</b>	0.54	0.15	mg/Kg	☆	05/20/22 09:23	05/23/22 19:33	1
<b>Iron</b>	<b>19000</b>	<b>B</b>	11	5.6	mg/Kg	☆	05/20/22 09:23	05/23/22 19:33	1
<b>Lead</b>	<b>15</b>		0.27	0.12	mg/Kg	☆	05/20/22 09:23	05/23/22 19:33	1
<b>Magnesium</b>	<b>32000</b>		5.4	2.7	mg/Kg	☆	05/20/22 09:23	05/23/22 19:33	1
<b>Manganese</b>	<b>380</b>		0.54	0.078	mg/Kg	☆	05/20/22 09:23	05/23/22 19:33	1
<b>Nickel</b>	<b>30</b>		0.54	0.16	mg/Kg	☆	05/20/22 09:23	05/23/22 19:33	1
<b>Potassium</b>	<b>2900</b>		27	9.6	mg/Kg	☆	05/20/22 09:23	05/23/22 19:33	1
<b>Selenium</b>	<b>0.37</b>	<b>J</b>	0.54	0.32	mg/Kg	☆	05/20/22 09:23	05/23/22 19:33	1
<b>Silver</b>	<b>0.22</b>	<b>J</b>	0.27	0.070	mg/Kg	☆	05/20/22 09:23	05/23/22 19:33	1
<b>Sodium</b>	<b>630</b>		54	8.0	mg/Kg	☆	05/20/22 09:23	05/23/22 19:33	1
<b>Thallium</b>	<b>1.3</b>		0.54	0.27	mg/Kg	☆	05/20/22 09:23	05/23/22 19:33	1
<b>Vanadium</b>	<b>19</b>		0.27	0.064	mg/Kg	☆	05/20/22 09:23	05/23/22 19:33	1
<b>Zinc</b>	<b>53</b>		1.1	0.47	mg/Kg	☆	05/20/22 09:23	05/23/22 19:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/23/22 10:25	05/24/22 09:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/23/22 10:25	05/24/22 10:44	1

### Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.030</b>		0.019	0.0062	mg/Kg	☆	05/20/22 15:05	05/23/22 08:06	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>7.7</b>		0.2	0.2	SU			05/19/22 21:20	1

# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-153(4-9)-051322**

**Lab Sample ID: 500-216607-17**

**Date Collected: 05/13/22 13:50**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 88.1**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0072	mg/Kg	✳	05/14/22 09:17	05/25/22 15:29	1
Benzene	<0.0016		0.0016	0.00042	mg/Kg	✳	05/14/22 09:17	05/25/22 15:29	1
Bromodichloromethane	<0.0016		0.0016	0.00034	mg/Kg	✳	05/14/22 09:17	05/25/22 15:29	1
Bromoform	<0.0016		0.0016	0.00048	mg/Kg	✳	05/14/22 09:17	05/25/22 15:29	1
Bromomethane	<0.0041		0.0041	0.0016	mg/Kg	✳	05/14/22 09:17	05/25/22 15:29	1
Carbon disulfide	<0.0041		0.0041	0.00086	mg/Kg	✳	05/14/22 09:17	05/25/22 15:29	1
Carbon tetrachloride	<0.0016		0.0016	0.00048	mg/Kg	✳	05/14/22 09:17	05/25/22 15:29	1
Chlorobenzene	<0.0016		0.0016	0.00061	mg/Kg	✳	05/14/22 09:17	05/25/22 15:29	1
Chloroethane	<0.0041		0.0041	0.0012	mg/Kg	✳	05/14/22 09:17	05/25/22 15:29	1
Chloroform	<0.0016		0.0016	0.00057	mg/Kg	✳	05/14/22 09:17	05/25/22 15:29	1
Chloromethane	<0.0041		0.0041	0.0017	mg/Kg	✳	05/14/22 09:17	05/25/22 15:29	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00046	mg/Kg	✳	05/14/22 09:17	05/25/22 15:29	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00050	mg/Kg	✳	05/14/22 09:17	05/25/22 15:29	1
Dibromochloromethane	<0.0016		0.0016	0.00054	mg/Kg	✳	05/14/22 09:17	05/25/22 15:29	1
1,1-Dichloroethane	<0.0016		0.0016	0.00056	mg/Kg	✳	05/14/22 09:17	05/25/22 15:29	1
1,2-Dichloroethane	<0.0041		0.0041	0.0013	mg/Kg	✳	05/14/22 09:17	05/25/22 15:29	1
1,1-Dichloroethene	<0.0016		0.0016	0.00057	mg/Kg	✳	05/14/22 09:17	05/25/22 15:29	1
1,2-Dichloropropane	<0.0016		0.0016	0.00043	mg/Kg	✳	05/14/22 09:17	05/25/22 15:29	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00058	mg/Kg	✳	05/14/22 09:17	05/25/22 15:29	1
Ethylbenzene	<0.0016		0.0016	0.00079	mg/Kg	✳	05/14/22 09:17	05/25/22 15:29	1
2-Hexanone	<0.0041		0.0041	0.0013	mg/Kg	✳	05/14/22 09:17	05/25/22 15:29	1
Methylene Chloride	<0.0041		0.0041	0.0016	mg/Kg	✳	05/14/22 09:17	05/25/22 15:29	1
Methyl Ethyl Ketone	<0.0041		0.0041	0.0018	mg/Kg	✳	05/14/22 09:17	05/25/22 15:29	1
methyl isobutyl ketone	<0.0041		0.0041	0.0012	mg/Kg	✳	05/14/22 09:17	05/25/22 15:29	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00048	mg/Kg	✳	05/14/22 09:17	05/25/22 15:29	1
Styrene	<0.0016		0.0016	0.00050	mg/Kg	✳	05/14/22 09:17	05/25/22 15:29	1
1,1,2,2-Tetrachloroethane	<0.0016	*3	0.0016	0.00053	mg/Kg	✳	05/14/22 09:17	05/25/22 15:29	1
Tetrachloroethene	<0.0016		0.0016	0.00056	mg/Kg	✳	05/14/22 09:17	05/25/22 15:29	1
Toluene	<0.0016		0.0016	0.00042	mg/Kg	✳	05/14/22 09:17	05/25/22 15:29	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00073	mg/Kg	✳	05/14/22 09:17	05/25/22 15:29	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00058	mg/Kg	✳	05/14/22 09:17	05/25/22 15:29	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00055	mg/Kg	✳	05/14/22 09:17	05/25/22 15:29	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00071	mg/Kg	✳	05/14/22 09:17	05/25/22 15:29	1
Trichloroethene	<0.0016		0.0016	0.00056	mg/Kg	✳	05/14/22 09:17	05/25/22 15:29	1
Vinyl chloride	<0.0016		0.0016	0.00073	mg/Kg	✳	05/14/22 09:17	05/25/22 15:29	1
Xylenes, Total	<0.0033		0.0033	0.00053	mg/Kg	✳	05/14/22 09:17	05/25/22 15:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	145	*3 S1+	75 - 131	05/14/22 09:17	05/25/22 15:29	1
Dibromofluoromethane (Surr)	109		75 - 126	05/14/22 09:17	05/25/22 15:29	1
1,2-Dichloroethane-d4 (Surr)	115		70 - 134	05/14/22 09:17	05/25/22 15:29	1
Toluene-d8 (Surr)	114		75 - 124	05/14/22 09:17	05/25/22 15:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.040	mg/Kg	✳	05/26/22 14:04	05/27/22 19:41	1
1,2-Dichlorobenzene	<0.18		0.18	0.044	mg/Kg	✳	05/26/22 14:04	05/27/22 19:41	1
1,3-Dichlorobenzene	<0.18		0.18	0.041	mg/Kg	✳	05/26/22 14:04	05/27/22 19:41	1
1,4-Dichlorobenzene	<0.18		0.18	0.047	mg/Kg	✳	05/26/22 14:04	05/27/22 19:41	1
2,2'-oxybis[1-chloropropane]	<0.18	*+	0.18	0.043	mg/Kg	✳	05/26/22 14:04	05/27/22 19:41	1

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# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-153(4-9)-051322**

**Lab Sample ID: 500-216607-17**

Date Collected: 05/13/22 13:50

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 88.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.36		0.36	0.084	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
2,4,6-Trichlorophenol	<0.36		0.36	0.13	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
2,4-Dichlorophenol	<0.36		0.36	0.087	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
2,4-Dimethylphenol	<0.36		0.36	0.14	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
2,4-Dinitrophenol	<0.74		0.74	0.65	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
2,4-Dinitrotoluene	<0.18		0.18	0.058	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
2,6-Dinitrotoluene	<0.18		0.18	0.072	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
2-Chloronaphthalene	<0.18		0.18	0.041	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
2-Chlorophenol	<0.18		0.18	0.063	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
<b>2-Methylnaphthalene</b>	<b>0.012</b>	<b>J</b>	0.074	0.0067	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
2-Methylphenol	<0.18		0.18	0.059	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
2-Nitroaniline	<0.18		0.18	0.049	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
2-Nitrophenol	<0.36		0.36	0.087	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
3 & 4 Methylphenol	<0.18		0.18	0.061	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.051	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
3-Nitroaniline	<0.36		0.36	0.11	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
4,6-Dinitro-2-methylphenol	<0.74		0.74	0.29	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.048	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
4-Chloro-3-methylphenol	<0.36		0.36	0.12	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
4-Chloroaniline	<0.74		0.74	0.17	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.043	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
4-Nitroaniline	<0.36		0.36	0.15	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
4-Nitrophenol	<0.74		0.74	0.35	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
<b>Acenaphthene</b>	<b>0.0091</b>	<b>J</b>	0.036	0.0066	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
Acenaphthylene	<0.036		0.036	0.0048	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
<b>Anthracene</b>	<b>0.0090</b>	<b>J</b>	0.036	0.0061	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
<b>Benzo[a]anthracene</b>	<b>0.0087</b>	<b>J</b>	0.036	0.0049	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
Benzo[a]pyrene	<0.036	*3	0.036	0.0071	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
Benzo[b]fluoranthene	<0.036	*3	0.036	0.0079	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
<b>Benzo[g,h,i]perylene</b>	<b>0.018</b>	<b>J *3</b>	0.036	0.012	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
Benzo[k]fluoranthene	<0.036	*3	0.036	0.011	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.037	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
Bis(2-chloroethyl)ether	<0.18	+	0.18	0.055	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.067	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
Butyl benzyl phthalate	<0.18		0.18	0.070	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
Carbazole	<0.18		0.18	0.092	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
<b>Chrysene</b>	<b>0.023</b>	<b>J</b>	0.036	0.010	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
Dibenz(a,h)anthracene	<0.036	*3	0.036	0.0071	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
Dibenzofuran	<0.18		0.18	0.043	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
Diethyl phthalate	<0.18		0.18	0.062	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
Dimethyl phthalate	<0.18		0.18	0.048	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
Di-n-butyl phthalate	<0.18		0.18	0.056	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
Di-n-octyl phthalate	<0.18		0.18	0.060	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
<b>Fluoranthene</b>	<b>0.022</b>	<b>J</b>	0.036	0.0068	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
<b>Fluorene</b>	<b>0.0084</b>	<b>J</b>	0.036	0.0052	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
Hexachlorobenzene	<0.074		0.074	0.0085	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
Hexachlorobutadiene	<0.18		0.18	0.058	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
Hexachlorocyclopentadiene	<0.74	*-	0.74	0.21	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
Hexachloroethane	<0.18		0.18	0.056	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1

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# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-153(4-9)-051322**

**Lab Sample ID: 500-216607-17**

**Date Collected: 05/13/22 13:50**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 88.1**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.036	*3	0.036	0.0095	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
Isophorone	<0.18		0.18	0.041	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
Naphthalene	<0.036		0.036	0.0056	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
Nitrobenzene	<0.036		0.036	0.0092	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
N-Nitrosodi-n-propylamine	<0.074		0.074	0.045	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
N-Nitrosodiphenylamine	<0.18		0.18	0.043	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
Pentachlorophenol	<0.74		0.74	0.59	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
<b>Phenanthrene</b>	<b>0.041</b>		0.036	0.0051	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
Phenol	<0.18		0.18	0.081	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1
<b>Pyrene</b>	<b>0.035</b>	<b>J</b>	0.036	0.0073	mg/Kg	☼	05/26/22 14:04	05/27/22 19:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	82		31 - 143	05/26/22 14:04	05/27/22 19:41	1
2-Fluorobiphenyl (Surr)	94		43 - 145	05/26/22 14:04	05/27/22 19:41	1
2-Fluorophenol (Surr)	111		31 - 166	05/26/22 14:04	05/27/22 19:41	1
Nitrobenzene-d5 (Surr)	79		37 - 147	05/26/22 14:04	05/27/22 19:41	1
Phenol-d5 (Surr)	104		30 - 153	05/26/22 14:04	05/27/22 19:41	1
Terphenyl-d14 (Surr)	158	S1+	42 - 157	05/26/22 14:04	05/27/22 19:41	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		05/21/22 12:12	05/23/22 14:33	1
<b>Barium</b>	<b>0.38</b>	<b>J</b>	0.50	0.050	mg/L		05/21/22 12:12	05/23/22 14:33	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/21/22 12:12	05/23/22 14:33	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/21/22 12:12	05/23/22 14:33	1
Chromium	<0.025		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:33	1
<b>Cobalt</b>	<b>0.027</b>		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:33	1
<b>Copper</b>	<b>0.012</b>	<b>J</b>	0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:33	1
Iron	<0.40		0.40	0.20	mg/L		05/21/22 12:12	05/23/22 14:33	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/21/22 12:12	05/23/22 14:33	1
<b>Manganese</b>	<b>2.1</b>		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:33	1
<b>Nickel</b>	<b>0.051</b>		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:33	1
Selenium	<0.050		0.050	0.020	mg/L		05/21/22 12:12	05/23/22 14:33	1
Silver	<0.025		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:33	1
<b>Zinc</b>	<b>0.030</b>	<b>J</b>	0.50	0.020	mg/L		05/21/22 12:12	05/23/22 14:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		05/21/22 12:16	05/23/22 22:02	1
Barium	<0.50		0.50	0.050	mg/L		05/21/22 12:16	05/23/22 22:02	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/21/22 12:16	05/23/22 22:02	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/21/22 12:16	05/23/22 22:02	1
Chromium	<0.025		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 22:02	1
Cobalt	<0.025		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 22:02	1
Copper	<0.025		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 22:02	1
<b>Iron</b>	<b>1.6</b>	<b>F1</b>	0.40	0.20	mg/L		05/21/22 12:16	05/23/22 22:02	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/21/22 12:16	05/23/22 22:02	1
<b>Manganese</b>	<b>0.029</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 22:02	1
Nickel	<0.025		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 22:02	1
Selenium	<0.050		0.050	0.020	mg/L		05/21/22 12:16	05/23/22 22:02	1

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# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-153(4-9)-051322**

**Lab Sample ID: 500-216607-17**

Date Collected: 05/13/22 13:50

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 88.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 22:02	1
Zinc	<0.50		0.50	0.020	mg/L		05/21/22 12:16	05/23/22 22:02	1

### Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8300		11	4.5	mg/Kg	☆	05/20/22 09:23	05/23/22 19:37	1
Antimony	<1.1		1.1	0.21	mg/Kg	☆	05/20/22 09:23	05/23/22 19:37	1
Arsenic	7.4		0.55	0.19	mg/Kg	☆	05/20/22 09:23	05/23/22 19:37	1
Barium	27		1.1	0.13	mg/Kg	☆	05/20/22 09:23	05/24/22 13:03	2
Beryllium	0.67		0.22	0.051	mg/Kg	☆	05/20/22 09:23	05/23/22 19:37	1
Cadmium	0.042	J B	0.11	0.020	mg/Kg	☆	05/20/22 09:23	05/23/22 19:37	1
Calcium	90000	B	55	9.3	mg/Kg	☆	05/20/22 09:23	05/24/22 13:06	5
Chromium	14	B	0.55	0.27	mg/Kg	☆	05/20/22 09:23	05/23/22 19:37	1
Cobalt	11		0.27	0.072	mg/Kg	☆	05/20/22 09:23	05/23/22 19:37	1
Copper	24	B	0.55	0.15	mg/Kg	☆	05/20/22 09:23	05/23/22 19:37	1
Iron	19000	B	22	11	mg/Kg	☆	05/20/22 09:23	05/24/22 13:03	2
Lead	12		0.27	0.13	mg/Kg	☆	05/20/22 09:23	05/23/22 19:37	1
Magnesium	48000		11	5.4	mg/Kg	☆	05/20/22 09:23	05/24/22 13:03	2
Manganese	360		0.55	0.080	mg/Kg	☆	05/20/22 09:23	05/23/22 19:37	1
Nickel	25		0.55	0.16	mg/Kg	☆	05/20/22 09:23	05/23/22 19:37	1
Potassium	2400		27	9.7	mg/Kg	☆	05/20/22 09:23	05/23/22 19:37	1
Selenium	<0.55		0.55	0.32	mg/Kg	☆	05/20/22 09:23	05/23/22 19:37	1
Silver	0.16	J	0.27	0.071	mg/Kg	☆	05/20/22 09:23	05/23/22 19:37	1
Sodium	290		55	8.1	mg/Kg	☆	05/20/22 09:23	05/23/22 19:37	1
Thallium	0.74		0.55	0.27	mg/Kg	☆	05/20/22 09:23	05/23/22 19:37	1
Vanadium	17		0.27	0.065	mg/Kg	☆	05/20/22 09:23	05/23/22 19:37	1
Zinc	44		1.1	0.48	mg/Kg	☆	05/20/22 09:23	05/23/22 19:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/23/22 10:25	05/24/22 09:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/23/22 10:25	05/24/22 11:11	1

### Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.021		0.018	0.0060	mg/Kg	☆	05/20/22 15:05	05/23/22 08:08	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.7		0.2	0.2	SU			05/19/22 21:23	1

# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-158(0-4)-051322**

**Lab Sample ID: 500-216607-18**

**Date Collected: 05/13/22 14:00**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 87.0**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0076	mg/Kg	☼	05/14/22 09:17	05/25/22 15:55	1
Benzene	<0.0017		0.0017	0.00045	mg/Kg	☼	05/14/22 09:17	05/25/22 15:55	1
Bromodichloromethane	<0.0017		0.0017	0.00036	mg/Kg	☼	05/14/22 09:17	05/25/22 15:55	1
Bromoform	<0.0017		0.0017	0.00051	mg/Kg	☼	05/14/22 09:17	05/25/22 15:55	1
Bromomethane	<0.0044		0.0044	0.0016	mg/Kg	☼	05/14/22 09:17	05/25/22 15:55	1
Carbon disulfide	<0.0044		0.0044	0.00091	mg/Kg	☼	05/14/22 09:17	05/25/22 15:55	1
Carbon tetrachloride	<0.0017		0.0017	0.00051	mg/Kg	☼	05/14/22 09:17	05/25/22 15:55	1
Chlorobenzene	<0.0017		0.0017	0.00064	mg/Kg	☼	05/14/22 09:17	05/25/22 15:55	1
Chloroethane	<0.0044		0.0044	0.0013	mg/Kg	☼	05/14/22 09:17	05/25/22 15:55	1
Chloroform	<0.0017		0.0017	0.00061	mg/Kg	☼	05/14/22 09:17	05/25/22 15:55	1
Chloromethane	<0.0044		0.0044	0.0018	mg/Kg	☼	05/14/22 09:17	05/25/22 15:55	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00049	mg/Kg	☼	05/14/22 09:17	05/25/22 15:55	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00053	mg/Kg	☼	05/14/22 09:17	05/25/22 15:55	1
Dibromochloromethane	<0.0017		0.0017	0.00057	mg/Kg	☼	05/14/22 09:17	05/25/22 15:55	1
1,1-Dichloroethane	<0.0017		0.0017	0.00060	mg/Kg	☼	05/14/22 09:17	05/25/22 15:55	1
1,2-Dichloroethane	<0.0044		0.0044	0.0014	mg/Kg	☼	05/14/22 09:17	05/25/22 15:55	1
1,1-Dichloroethene	<0.0017		0.0017	0.00060	mg/Kg	☼	05/14/22 09:17	05/25/22 15:55	1
1,2-Dichloropropane	<0.0017		0.0017	0.00045	mg/Kg	☼	05/14/22 09:17	05/25/22 15:55	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00061	mg/Kg	☼	05/14/22 09:17	05/25/22 15:55	1
Ethylbenzene	<0.0017		0.0017	0.00084	mg/Kg	☼	05/14/22 09:17	05/25/22 15:55	1
2-Hexanone	<0.0044		0.0044	0.0014	mg/Kg	☼	05/14/22 09:17	05/25/22 15:55	1
Methylene Chloride	<0.0044		0.0044	0.0017	mg/Kg	☼	05/14/22 09:17	05/25/22 15:55	1
Methyl Ethyl Ketone	<0.0044		0.0044	0.0019	mg/Kg	☼	05/14/22 09:17	05/25/22 15:55	1
methyl isobutyl ketone	<0.0044		0.0044	0.0013	mg/Kg	☼	05/14/22 09:17	05/25/22 15:55	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00051	mg/Kg	☼	05/14/22 09:17	05/25/22 15:55	1
Styrene	<0.0017		0.0017	0.00053	mg/Kg	☼	05/14/22 09:17	05/25/22 15:55	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00056	mg/Kg	☼	05/14/22 09:17	05/25/22 15:55	1
Tetrachloroethene	<0.0017		0.0017	0.00059	mg/Kg	☼	05/14/22 09:17	05/25/22 15:55	1
Toluene	<0.0017		0.0017	0.00044	mg/Kg	☼	05/14/22 09:17	05/25/22 15:55	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00077	mg/Kg	☼	05/14/22 09:17	05/25/22 15:55	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00061	mg/Kg	☼	05/14/22 09:17	05/25/22 15:55	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00059	mg/Kg	☼	05/14/22 09:17	05/25/22 15:55	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00075	mg/Kg	☼	05/14/22 09:17	05/25/22 15:55	1
Trichloroethene	<0.0017		0.0017	0.00059	mg/Kg	☼	05/14/22 09:17	05/25/22 15:55	1
Vinyl chloride	<0.0017		0.0017	0.00077	mg/Kg	☼	05/14/22 09:17	05/25/22 15:55	1
Xylenes, Total	<0.0035		0.0035	0.00056	mg/Kg	☼	05/14/22 09:17	05/25/22 15:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		75 - 131	05/14/22 09:17	05/25/22 15:55	1
Dibromofluoromethane (Surr)	108		75 - 126	05/14/22 09:17	05/25/22 15:55	1
1,2-Dichloroethane-d4 (Surr)	118		70 - 134	05/14/22 09:17	05/25/22 15:55	1
Toluene-d8 (Surr)	99		75 - 124	05/14/22 09:17	05/25/22 15:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.039	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
1,2-Dichlorobenzene	<0.18		0.18	0.043	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
1,3-Dichlorobenzene	<0.18		0.18	0.040	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
1,4-Dichlorobenzene	<0.18		0.18	0.046	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
2,2'-oxybis[1-chloropropane]	<0.18	*+	0.18	0.042	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1

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# Client Sample Results

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

Job ID: 500-216607-1

Client Sample ID: ROW-158(0-4)-051322

Lab Sample ID: 500-216607-18

Date Collected: 05/13/22 14:00

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 87.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.36		0.36	0.082	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
2,4,6-Trichlorophenol	<0.36		0.36	0.12	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
2,4-Dichlorophenol	<0.36		0.36	0.085	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
2,4-Dimethylphenol	<0.36		0.36	0.14	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
2,4-Dinitrophenol	<0.72		0.72	0.63	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
2,4-Dinitrotoluene	<0.18		0.18	0.057	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
2,6-Dinitrotoluene	<0.18		0.18	0.071	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
2-Chloronaphthalene	<0.18		0.18	0.040	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
2-Chlorophenol	<0.18		0.18	0.061	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
2-Methylnaphthalene	<0.072		0.072	0.0066	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
2-Methylphenol	<0.18		0.18	0.058	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
2-Nitroaniline	<0.18		0.18	0.048	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
2-Nitrophenol	<0.36		0.36	0.085	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
3 & 4 Methylphenol	<0.18		0.18	0.060	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.050	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
3-Nitroaniline	<0.36		0.36	0.11	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
4,6-Dinitro-2-methylphenol	<0.72		0.72	0.29	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.047	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
4-Chloro-3-methylphenol	<0.36		0.36	0.12	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
4-Chloroaniline	<0.72		0.72	0.17	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.042	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
4-Nitroaniline	<0.36		0.36	0.15	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
4-Nitrophenol	<0.72		0.72	0.34	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
Acenaphthene	<0.036		0.036	0.0065	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
<b>Acenaphthylene</b>	<b>0.010</b>	<b>J</b>	0.036	0.0047	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
Anthracene	<0.036		0.036	0.0060	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
<b>Benzo[a]anthracene</b>	<b>0.018</b>	<b>J</b>	0.036	0.0048	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
<b>Benzo[a]pyrene</b>	<b>0.028</b>	<b>J *3</b>	0.036	0.0069	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
<b>Benzo[b]fluoranthene</b>	<b>0.050</b>	<b>*3</b>	0.036	0.0077	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
<b>Benzo[g,h,i]perylene</b>	<b>0.012</b>	<b>J *3</b>	0.036	0.012	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
<b>Benzo[k]fluoranthene</b>	<b>0.019</b>	<b>J *3</b>	0.036	0.011	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.037	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
Bis(2-chloroethyl)ether	<0.18	*+	0.18	0.054	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.066	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
Butyl benzyl phthalate	<0.18		0.18	0.068	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
Carbazole	<0.18		0.18	0.090	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
<b>Chrysene</b>	<b>0.024</b>	<b>J</b>	0.036	0.0098	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
Dibenz(a,h)anthracene	<0.036	*3	0.036	0.0069	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
Dibenzofuran	<0.18		0.18	0.042	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
Diethyl phthalate	<0.18		0.18	0.061	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
Dimethyl phthalate	<0.18		0.18	0.047	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
Di-n-butyl phthalate	<0.18		0.18	0.055	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
Di-n-octyl phthalate	<0.18		0.18	0.059	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
<b>Fluoranthene</b>	<b>0.054</b>		0.036	0.0067	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
Fluorene	<0.036		0.036	0.0050	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
Hexachlorobenzene	<0.072		0.072	0.0083	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
Hexachlorobutadiene	<0.18		0.18	0.056	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
Hexachlorocyclopentadiene	<0.72	*-	0.72	0.21	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
Hexachloroethane	<0.18		0.18	0.055	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1

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# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-158(0-4)-051322**

**Lab Sample ID: 500-216607-18**

**Date Collected: 05/13/22 14:00**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 87.0**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.017</b>	<b>J*3</b>	0.036	0.0093	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
Isophorone	<0.18		0.18	0.040	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
Naphthalene	<0.036		0.036	0.0055	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
Nitrobenzene	<0.036		0.036	0.0090	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
N-Nitrosodi-n-propylamine	<0.072		0.072	0.044	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
N-Nitrosodiphenylamine	<0.18		0.18	0.042	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
Pentachlorophenol	<0.72		0.72	0.58	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
<b>Phenanthrene</b>	<b>0.031</b>	<b>J</b>	0.036	0.0050	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
Phenol	<0.18		0.18	0.080	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
<b>Pyrene</b>	<b>0.057</b>		0.036	0.0071	mg/Kg	☼	05/26/22 14:04	05/27/22 20:03	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
2,4,6-Tribromophenol (Surr)	80		31 - 143				05/26/22 14:04	05/27/22 20:03	1
2-Fluorobiphenyl (Surr)	89		43 - 145				05/26/22 14:04	05/27/22 20:03	1
2-Fluorophenol (Surr)	110		31 - 166				05/26/22 14:04	05/27/22 20:03	1
Nitrobenzene-d5 (Surr)	86		37 - 147				05/26/22 14:04	05/27/22 20:03	1
Phenol-d5 (Surr)	126		30 - 153				05/26/22 14:04	05/27/22 20:03	1
Terphenyl-d14 (Surr)	173	S1+	42 - 157				05/26/22 14:04	05/27/22 20:03	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		05/21/22 12:12	05/23/22 14:53	1
<b>Barium</b>	<b>0.30</b>	<b>J</b>	0.50	0.050	mg/L		05/21/22 12:12	05/23/22 14:53	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/21/22 12:12	05/23/22 14:53	1
<b>Cadmium</b>	<b>0.0030</b>	<b>J</b>	0.0050	0.0020	mg/L		05/21/22 12:12	05/23/22 14:53	1
Chromium	<0.025		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:53	1
<b>Cobalt</b>	<b>0.040</b>		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:53	1
Copper	<0.025		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:53	1
Iron	<0.40		0.40	0.20	mg/L		05/21/22 12:12	05/23/22 14:53	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/21/22 12:12	05/24/22 11:02	1
<b>Manganese</b>	<b>3.8</b>		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:53	1
<b>Nickel</b>	<b>0.037</b>		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:53	1
Selenium	<0.050		0.050	0.020	mg/L		05/21/22 12:12	05/23/22 14:53	1
Silver	<0.025		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:53	1
<b>Zinc</b>	<b>1.2</b>		0.50	0.020	mg/L		05/21/22 12:12	05/23/22 14:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.075</b>		0.050	0.010	mg/L		05/21/22 12:16	05/23/22 22:21	1
<b>Barium</b>	<b>0.39</b>	<b>J</b>	0.50	0.050	mg/L		05/21/22 12:16	05/23/22 22:21	1
<b>Beryllium</b>	<b>0.0073</b>		0.0040	0.0040	mg/L		05/21/22 12:16	05/23/22 22:21	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/21/22 12:16	05/23/22 22:21	1
<b>Chromium</b>	<b>0.13</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 22:21	1
<b>Cobalt</b>	<b>0.064</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 22:21	1
<b>Copper</b>	<b>0.22</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 22:21	1
<b>Iron</b>	<b>170</b>		0.40	0.20	mg/L		05/21/22 12:16	05/23/22 22:21	1
<b>Lead</b>	<b>0.11</b>		0.0075	0.0075	mg/L		05/21/22 12:16	05/23/22 22:21	1
<b>Manganese</b>	<b>0.95</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 22:21	1
<b>Nickel</b>	<b>0.19</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 22:21	1
Selenium	<0.050		0.050	0.020	mg/L		05/21/22 12:16	05/23/22 22:21	1

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# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-158(0-4)-051322**

**Lab Sample ID: 500-216607-18**

Date Collected: 05/13/22 14:00

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 87.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 22:21	1
<b>Zinc</b>	<b>1.3</b>		0.50	0.020	mg/L		05/21/22 12:16	05/23/22 22:21	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>8400</b>		11	4.6	mg/Kg	☆	05/20/22 09:23	05/23/22 19:40	1
Antimony	<1.1		1.1	0.22	mg/Kg	☆	05/20/22 09:23	05/23/22 19:40	1
<b>Arsenic</b>	<b>5.7</b>		0.56	0.19	mg/Kg	☆	05/20/22 09:23	05/23/22 19:40	1
<b>Barium</b>	<b>34</b>		1.1	0.13	mg/Kg	☆	05/20/22 09:23	05/24/22 13:09	2
<b>Beryllium</b>	<b>0.63</b>		0.22	0.052	mg/Kg	☆	05/20/22 09:23	05/23/22 19:40	1
<b>Cadmium</b>	<b>0.076</b>	<b>J B</b>	0.11	0.020	mg/Kg	☆	05/20/22 09:23	05/23/22 19:40	1
<b>Calcium</b>	<b>93000</b>	<b>B</b>	56	9.5	mg/Kg	☆	05/20/22 09:23	05/24/22 13:12	5
<b>Chromium</b>	<b>14</b>	<b>B</b>	0.56	0.28	mg/Kg	☆	05/20/22 09:23	05/23/22 19:40	1
<b>Cobalt</b>	<b>9.5</b>		0.28	0.073	mg/Kg	☆	05/20/22 09:23	05/23/22 19:40	1
<b>Copper</b>	<b>18</b>	<b>B</b>	0.56	0.16	mg/Kg	☆	05/20/22 09:23	05/23/22 19:40	1
<b>Iron</b>	<b>17000</b>	<b>B</b>	22	12	mg/Kg	☆	05/20/22 09:23	05/24/22 13:09	2
<b>Lead</b>	<b>13</b>		0.28	0.13	mg/Kg	☆	05/20/22 09:23	05/23/22 19:40	1
<b>Magnesium</b>	<b>54000</b>		11	5.5	mg/Kg	☆	05/20/22 09:23	05/24/22 13:09	2
<b>Manganese</b>	<b>320</b>		0.56	0.081	mg/Kg	☆	05/20/22 09:23	05/23/22 19:40	1
<b>Nickel</b>	<b>23</b>		0.56	0.16	mg/Kg	☆	05/20/22 09:23	05/23/22 19:40	1
<b>Potassium</b>	<b>2100</b>		28	9.9	mg/Kg	☆	05/20/22 09:23	05/23/22 19:40	1
Selenium	<0.56		0.56	0.33	mg/Kg	☆	05/20/22 09:23	05/23/22 19:40	1
<b>Silver</b>	<b>0.18</b>	<b>J</b>	0.28	0.072	mg/Kg	☆	05/20/22 09:23	05/23/22 19:40	1
<b>Sodium</b>	<b>810</b>		56	8.3	mg/Kg	☆	05/20/22 09:23	05/23/22 19:40	1
<b>Thallium</b>	<b>0.68</b>		0.56	0.28	mg/Kg	☆	05/20/22 09:23	05/23/22 19:40	1
<b>Vanadium</b>	<b>17</b>		0.28	0.066	mg/Kg	☆	05/20/22 09:23	05/23/22 19:40	1
<b>Zinc</b>	<b>170</b>		1.1	0.49	mg/Kg	☆	05/20/22 09:23	05/23/22 19:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/23/22 10:25	05/24/22 09:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/23/22 10:25	05/24/22 11:18	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.017</b>		0.017	0.0057	mg/Kg	☆	05/20/22 15:05	05/23/22 08:10	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.5</b>		0.2	0.2	SU			05/19/22 21:25	1

# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-158(0-4)-051322D**

**Lab Sample ID: 500-216607-19**

**Date Collected: 05/13/22 14:00**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 85.9**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015		0.015	0.0067	mg/Kg	☼	05/14/22 09:17	05/25/22 16:47	1
Benzene	<0.0015		0.0015	0.00039	mg/Kg	☼	05/14/22 09:17	05/25/22 16:47	1
Bromodichloromethane	<0.0015		0.0015	0.00031	mg/Kg	☼	05/14/22 09:17	05/25/22 16:47	1
Bromoform	<0.0015		0.0015	0.00045	mg/Kg	☼	05/14/22 09:17	05/25/22 16:47	1
Bromomethane	<0.0039		0.0039	0.0015	mg/Kg	☼	05/14/22 09:17	05/25/22 16:47	1
Carbon disulfide	<0.0039		0.0039	0.00080	mg/Kg	☼	05/14/22 09:17	05/25/22 16:47	1
Carbon tetrachloride	<0.0015		0.0015	0.00045	mg/Kg	☼	05/14/22 09:17	05/25/22 16:47	1
Chlorobenzene	<0.0015		0.0015	0.00057	mg/Kg	☼	05/14/22 09:17	05/25/22 16:47	1
Chloroethane	<0.0039		0.0039	0.0011	mg/Kg	☼	05/14/22 09:17	05/25/22 16:47	1
Chloroform	<0.0015		0.0015	0.00054	mg/Kg	☼	05/14/22 09:17	05/25/22 16:47	1
Chloromethane	<0.0039		0.0039	0.0016	mg/Kg	☼	05/14/22 09:17	05/25/22 16:47	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00043	mg/Kg	☼	05/14/22 09:17	05/25/22 16:47	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00047	mg/Kg	☼	05/14/22 09:17	05/25/22 16:47	1
Dibromochloromethane	<0.0015		0.0015	0.00051	mg/Kg	☼	05/14/22 09:17	05/25/22 16:47	1
1,1-Dichloroethane	<0.0015		0.0015	0.00053	mg/Kg	☼	05/14/22 09:17	05/25/22 16:47	1
1,2-Dichloroethane	<0.0039		0.0039	0.0012	mg/Kg	☼	05/14/22 09:17	05/25/22 16:47	1
1,1-Dichloroethene	<0.0015		0.0015	0.00053	mg/Kg	☼	05/14/22 09:17	05/25/22 16:47	1
1,2-Dichloropropane	<0.0015		0.0015	0.00040	mg/Kg	☼	05/14/22 09:17	05/25/22 16:47	1
1,3-Dichloropropene, Total	<0.0015		0.0015	0.00054	mg/Kg	☼	05/14/22 09:17	05/25/22 16:47	1
Ethylbenzene	<0.0015		0.0015	0.00074	mg/Kg	☼	05/14/22 09:17	05/25/22 16:47	1
2-Hexanone	<0.0039		0.0039	0.0012	mg/Kg	☼	05/14/22 09:17	05/25/22 16:47	1
Methylene Chloride	<0.0039		0.0039	0.0015	mg/Kg	☼	05/14/22 09:17	05/25/22 16:47	1
Methyl Ethyl Ketone	<0.0039		0.0039	0.0017	mg/Kg	☼	05/14/22 09:17	05/25/22 16:47	1
methyl isobutyl ketone	<0.0039		0.0039	0.0011	mg/Kg	☼	05/14/22 09:17	05/25/22 16:47	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00045	mg/Kg	☼	05/14/22 09:17	05/25/22 16:47	1
Styrene	<0.0015		0.0015	0.00047	mg/Kg	☼	05/14/22 09:17	05/25/22 16:47	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00049	mg/Kg	☼	05/14/22 09:17	05/25/22 16:47	1
Tetrachloroethene	<0.0015		0.0015	0.00053	mg/Kg	☼	05/14/22 09:17	05/25/22 16:47	1
Toluene	<0.0015		0.0015	0.00039	mg/Kg	☼	05/14/22 09:17	05/25/22 16:47	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00068	mg/Kg	☼	05/14/22 09:17	05/25/22 16:47	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00054	mg/Kg	☼	05/14/22 09:17	05/25/22 16:47	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00052	mg/Kg	☼	05/14/22 09:17	05/25/22 16:47	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00066	mg/Kg	☼	05/14/22 09:17	05/25/22 16:47	1
Trichloroethene	<0.0015		0.0015	0.00052	mg/Kg	☼	05/14/22 09:17	05/25/22 16:47	1
Vinyl chloride	<0.0015		0.0015	0.00068	mg/Kg	☼	05/14/22 09:17	05/25/22 16:47	1
Xylenes, Total	<0.0031		0.0031	0.00049	mg/Kg	☼	05/14/22 09:17	05/25/22 16:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		75 - 131	05/14/22 09:17	05/25/22 16:47	1
Dibromofluoromethane (Surr)	108		75 - 126	05/14/22 09:17	05/25/22 16:47	1
1,2-Dichloroethane-d4 (Surr)	117		70 - 134	05/14/22 09:17	05/25/22 16:47	1
Toluene-d8 (Surr)	100		75 - 124	05/14/22 09:17	05/25/22 16:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
2,2'-oxybis[1-chloropropane]	<0.19	*+	0.19	0.044	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1

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# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-158(0-4)-051322D**

**Lab Sample ID: 500-216607-19**

Date Collected: 05/13/22 14:00

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 85.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.087	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
2,4-Dichlorophenol	<0.38		0.38	0.091	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
2,4-Dimethylphenol	<0.38		0.38	0.14	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
2,4-Dinitrophenol	<0.77		0.77	0.67	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
2,4-Dinitrotoluene	<0.19		0.19	0.061	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
2,6-Dinitrotoluene	<0.19		0.19	0.075	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
2-Chlorophenol	<0.19		0.19	0.065	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
2-Methylnaphthalene	<0.077		0.077	0.0070	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
2-Methylphenol	<0.19		0.19	0.061	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
2-Nitrophenol	<0.38		0.38	0.090	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
3 & 4 Methylphenol	<0.19		0.19	0.064	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.053	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
4,6-Dinitro-2-methylphenol	<0.77		0.77	0.31	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
4-Chloroaniline	<0.77		0.77	0.18	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
4-Nitrophenol	<0.77		0.77	0.36	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
Acenaphthene	<0.038		0.038	0.0069	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
Acenaphthylene	<0.038		0.038	0.0050	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
Anthracene	<0.038		0.038	0.0064	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
Benzo[a]anthracene	<0.038		0.038	0.0051	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
Benzo[a]pyrene	<0.038	*3	0.038	0.0074	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
Benzo[b]fluoranthene	<0.038	*3	0.038	0.0082	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
Benzo[g,h,i]perylene	<0.038	*3	0.038	0.012	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
Benzo[k]fluoranthene	<0.038	*3	0.038	0.011	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
Bis(2-chloroethyl)ether	<0.19	*+	0.19	0.057	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.070	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
Butyl benzyl phthalate	<0.19		0.19	0.073	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
Carbazole	<0.19		0.19	0.095	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
<b>Chrysene</b>	<b>0.010</b>	<b>J</b>	0.038	0.010	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
Dibenz(a,h)anthracene	<0.038	*3	0.038	0.0074	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
Diethyl phthalate	<0.19		0.19	0.065	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
Di-n-butyl phthalate	<0.19		0.19	0.058	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
Di-n-octyl phthalate	<0.19		0.19	0.062	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
<b>Fluoranthene</b>	<b>0.017</b>	<b>J</b>	0.038	0.0071	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
Fluorene	<0.038		0.038	0.0054	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
Hexachlorobenzene	<0.077		0.077	0.0089	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
Hexachlorobutadiene	<0.19		0.19	0.060	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
Hexachlorocyclopentadiene	<0.77	*-	0.77	0.22	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
Hexachloroethane	<0.19		0.19	0.058	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1

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# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-158(0-4)-051322D**

**Lab Sample ID: 500-216607-19**

**Date Collected: 05/13/22 14:00**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 85.9**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.038	*3	0.038	0.0099	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
Naphthalene	<0.038		0.038	0.0059	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
Nitrobenzene	<0.038		0.038	0.0095	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
N-Nitrosodi-n-propylamine	<0.077		0.077	0.047	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
Pentachlorophenol	<0.77		0.77	0.61	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
Phenanthrene	<0.038		0.038	0.0053	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
Phenol	<0.19		0.19	0.085	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
<b>Pyrene</b>	<b>0.019</b>	<b>J</b>	0.038	0.0076	mg/Kg	☼	05/26/22 14:04	05/27/22 20:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	76		31 - 143				05/26/22 14:04	05/27/22 20:24	1
2-Fluorobiphenyl (Surr)	93		43 - 145				05/26/22 14:04	05/27/22 20:24	1
2-Fluorophenol (Surr)	107		31 - 166				05/26/22 14:04	05/27/22 20:24	1
Nitrobenzene-d5 (Surr)	88		37 - 147				05/26/22 14:04	05/27/22 20:24	1
Phenol-d5 (Surr)	115		30 - 153				05/26/22 14:04	05/27/22 20:24	1
Terphenyl-d14 (Surr)	171	S1+	42 - 157				05/26/22 14:04	05/27/22 20:24	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		05/21/22 12:12	05/23/22 15:03	1
<b>Barium</b>	<b>0.27</b>	<b>J</b>	0.50	0.050	mg/L		05/21/22 12:12	05/23/22 15:03	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/21/22 12:12	05/23/22 15:03	1
<b>Cadmium</b>	<b>0.0031</b>	<b>J</b>	0.0050	0.0020	mg/L		05/21/22 12:12	05/23/22 15:03	1
Chromium	<0.025		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 15:03	1
<b>Cobalt</b>	<b>0.028</b>		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 15:03	1
Copper	<0.025		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 15:03	1
Iron	<0.40		0.40	0.20	mg/L		05/21/22 12:12	05/23/22 15:03	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/21/22 12:12	05/24/22 11:11	1
<b>Manganese</b>	<b>3.4</b>		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 15:03	1
<b>Nickel</b>	<b>0.034</b>		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 15:03	1
Selenium	<0.050		0.050	0.020	mg/L		05/21/22 12:12	05/23/22 15:03	1
Silver	<0.025		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 15:03	1
<b>Zinc</b>	<b>0.71</b>		0.50	0.020	mg/L		05/21/22 12:12	05/23/22 15:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.069</b>		0.050	0.010	mg/L		05/21/22 12:16	05/23/22 22:24	1
<b>Barium</b>	<b>0.35</b>	<b>J</b>	0.50	0.050	mg/L		05/21/22 12:16	05/23/22 22:24	1
<b>Beryllium</b>	<b>0.0063</b>		0.0040	0.0040	mg/L		05/21/22 12:16	05/23/22 22:24	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/21/22 12:16	05/23/22 22:24	1
<b>Chromium</b>	<b>0.12</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 22:24	1
<b>Cobalt</b>	<b>0.053</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 22:24	1
<b>Copper</b>	<b>0.19</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 22:24	1
<b>Iron</b>	<b>140</b>		0.40	0.20	mg/L		05/21/22 12:16	05/23/22 22:24	1
<b>Lead</b>	<b>0.096</b>		0.0075	0.0075	mg/L		05/21/22 12:16	05/23/22 22:24	1
<b>Manganese</b>	<b>0.80</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 22:24	1
<b>Nickel</b>	<b>0.16</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 22:24	1
Selenium	<0.050		0.050	0.020	mg/L		05/21/22 12:16	05/23/22 22:24	1

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# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-158(0-4)-051322D**

**Lab Sample ID: 500-216607-19**

Date Collected: 05/13/22 14:00

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 85.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 22:24	1
Zinc	1.0		0.50	0.020	mg/L		05/21/22 12:16	05/23/22 22:24	1

### Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8000		11	4.4	mg/Kg	☆	05/20/22 09:23	05/23/22 19:43	1
Antimony	<1.1		1.1	0.21	mg/Kg	☆	05/20/22 09:23	05/23/22 19:43	1
Arsenic	6.4		0.54	0.18	mg/Kg	☆	05/20/22 09:23	05/23/22 19:43	1
Barium	35		1.1	0.12	mg/Kg	☆	05/20/22 09:23	05/24/22 13:16	2
Beryllium	0.63		0.22	0.051	mg/Kg	☆	05/20/22 09:23	05/23/22 19:43	1
Cadmium	0.058	J B	0.11	0.019	mg/Kg	☆	05/20/22 09:23	05/23/22 19:43	1
Calcium	79000	B	54	9.2	mg/Kg	☆	05/20/22 09:23	05/24/22 13:19	5
Chromium	14	B	0.54	0.27	mg/Kg	☆	05/20/22 09:23	05/23/22 19:43	1
Cobalt	9.5		0.27	0.071	mg/Kg	☆	05/20/22 09:23	05/23/22 19:43	1
Copper	19	B	0.54	0.15	mg/Kg	☆	05/20/22 09:23	05/23/22 19:43	1
Iron	18000	B	22	11	mg/Kg	☆	05/20/22 09:23	05/24/22 13:16	2
Lead	13		0.27	0.12	mg/Kg	☆	05/20/22 09:23	05/23/22 19:43	1
Magnesium	47000		11	5.4	mg/Kg	☆	05/20/22 09:23	05/24/22 13:16	2
Manganese	320		0.54	0.078	mg/Kg	☆	05/20/22 09:23	05/23/22 19:43	1
Nickel	23		0.54	0.16	mg/Kg	☆	05/20/22 09:23	05/23/22 19:43	1
Potassium	1700		27	9.6	mg/Kg	☆	05/20/22 09:23	05/23/22 19:43	1
Selenium	<0.54		0.54	0.32	mg/Kg	☆	05/20/22 09:23	05/23/22 19:43	1
Silver	0.17	J	0.27	0.070	mg/Kg	☆	05/20/22 09:23	05/23/22 19:43	1
Sodium	930		54	8.0	mg/Kg	☆	05/20/22 09:23	05/23/22 19:43	1
Thallium	0.95		0.54	0.27	mg/Kg	☆	05/20/22 09:23	05/23/22 19:43	1
Vanadium	18		0.27	0.064	mg/Kg	☆	05/20/22 09:23	05/23/22 19:43	1
Zinc	130		1.1	0.47	mg/Kg	☆	05/20/22 09:23	05/23/22 19:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/23/22 10:25	05/24/22 10:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/23/22 10:25	05/24/22 11:20	1

### Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.012	J	0.019	0.0062	mg/Kg	☆	05/20/22 15:05	05/23/22 08:12	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.7		0.2	0.2	SU			05/19/22 21:28	1

# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-158(4-9)-051322**

**Lab Sample ID: 500-216607-20**

**Date Collected: 05/13/22 14:05**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 88.8**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0068	mg/Kg	✳	05/14/22 09:17	05/25/22 17:13	1
Benzene	<0.0016		0.0016	0.00040	mg/Kg	✳	05/14/22 09:17	05/25/22 17:13	1
Bromodichloromethane	<0.0016		0.0016	0.00032	mg/Kg	✳	05/14/22 09:17	05/25/22 17:13	1
Bromoform	<0.0016		0.0016	0.00045	mg/Kg	✳	05/14/22 09:17	05/25/22 17:13	1
Bromomethane	<0.0039		0.0039	0.0015	mg/Kg	✳	05/14/22 09:17	05/25/22 17:13	1
Carbon disulfide	<0.0039		0.0039	0.00081	mg/Kg	✳	05/14/22 09:17	05/25/22 17:13	1
Carbon tetrachloride	<0.0016		0.0016	0.00045	mg/Kg	✳	05/14/22 09:17	05/25/22 17:13	1
Chlorobenzene	<0.0016		0.0016	0.00057	mg/Kg	✳	05/14/22 09:17	05/25/22 17:13	1
Chloroethane	<0.0039		0.0039	0.0012	mg/Kg	✳	05/14/22 09:17	05/25/22 17:13	1
Chloroform	<0.0016		0.0016	0.00054	mg/Kg	✳	05/14/22 09:17	05/25/22 17:13	1
Chloromethane	<0.0039		0.0039	0.0016	mg/Kg	✳	05/14/22 09:17	05/25/22 17:13	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00043	mg/Kg	✳	05/14/22 09:17	05/25/22 17:13	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00047	mg/Kg	✳	05/14/22 09:17	05/25/22 17:13	1
Dibromochloromethane	<0.0016		0.0016	0.00051	mg/Kg	✳	05/14/22 09:17	05/25/22 17:13	1
1,1-Dichloroethane	<0.0016		0.0016	0.00053	mg/Kg	✳	05/14/22 09:17	05/25/22 17:13	1
1,2-Dichloroethane	<0.0039		0.0039	0.0012	mg/Kg	✳	05/14/22 09:17	05/25/22 17:13	1
1,1-Dichloroethene	<0.0016		0.0016	0.00054	mg/Kg	✳	05/14/22 09:17	05/25/22 17:13	1
1,2-Dichloropropane	<0.0016		0.0016	0.00040	mg/Kg	✳	05/14/22 09:17	05/25/22 17:13	1
1,3-Dichloropropane, Total	<0.0016		0.0016	0.00055	mg/Kg	✳	05/14/22 09:17	05/25/22 17:13	1
Ethylbenzene	<0.0016		0.0016	0.00074	mg/Kg	✳	05/14/22 09:17	05/25/22 17:13	1
2-Hexanone	<0.0039		0.0039	0.0012	mg/Kg	✳	05/14/22 09:17	05/25/22 17:13	1
Methylene Chloride	<0.0039		0.0039	0.0015	mg/Kg	✳	05/14/22 09:17	05/25/22 17:13	1
Methyl Ethyl Ketone	<0.0039		0.0039	0.0017	mg/Kg	✳	05/14/22 09:17	05/25/22 17:13	1
methyl isobutyl ketone	<0.0039		0.0039	0.0012	mg/Kg	✳	05/14/22 09:17	05/25/22 17:13	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00046	mg/Kg	✳	05/14/22 09:17	05/25/22 17:13	1
Styrene	<0.0016		0.0016	0.00047	mg/Kg	✳	05/14/22 09:17	05/25/22 17:13	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00050	mg/Kg	✳	05/14/22 09:17	05/25/22 17:13	1
Tetrachloroethene	<0.0016		0.0016	0.00053	mg/Kg	✳	05/14/22 09:17	05/25/22 17:13	1
Toluene	<0.0016		0.0016	0.00039	mg/Kg	✳	05/14/22 09:17	05/25/22 17:13	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00069	mg/Kg	✳	05/14/22 09:17	05/25/22 17:13	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00055	mg/Kg	✳	05/14/22 09:17	05/25/22 17:13	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00052	mg/Kg	✳	05/14/22 09:17	05/25/22 17:13	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00067	mg/Kg	✳	05/14/22 09:17	05/25/22 17:13	1
Trichloroethene	<0.0016		0.0016	0.00053	mg/Kg	✳	05/14/22 09:17	05/25/22 17:13	1
Vinyl chloride	<0.0016		0.0016	0.00069	mg/Kg	✳	05/14/22 09:17	05/25/22 17:13	1
Xylenes, Total	<0.0031		0.0031	0.00050	mg/Kg	✳	05/14/22 09:17	05/25/22 17:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		75 - 131	05/14/22 09:17	05/25/22 17:13	1
Dibromofluoromethane (Surr)	110		75 - 126	05/14/22 09:17	05/25/22 17:13	1
1,2-Dichloroethane-d4 (Surr)	119		70 - 134	05/14/22 09:17	05/25/22 17:13	1
Toluene-d8 (Surr)	100		75 - 124	05/14/22 09:17	05/25/22 17:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.039	mg/Kg	✳	05/26/22 14:04	05/27/22 20:46	1
1,2-Dichlorobenzene	<0.18		0.18	0.043	mg/Kg	✳	05/26/22 14:04	05/27/22 20:46	1
1,3-Dichlorobenzene	<0.18		0.18	0.041	mg/Kg	✳	05/26/22 14:04	05/27/22 20:46	1
1,4-Dichlorobenzene	<0.18		0.18	0.046	mg/Kg	✳	05/26/22 14:04	05/27/22 20:46	1
2,2'-oxybis[1-chloropropane]	<0.18	*+	0.18	0.042	mg/Kg	✳	05/26/22 14:04	05/27/22 20:46	1

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# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-158(4-9)-051322**

**Lab Sample ID: 500-216607-20**

**Date Collected: 05/13/22 14:05**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 88.8**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.36		0.36	0.082	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
2,4,6-Trichlorophenol	<0.36		0.36	0.12	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
2,4-Dichlorophenol	<0.36		0.36	0.086	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
2,4-Dimethylphenol	<0.36		0.36	0.14	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
2,4-Dinitrophenol	<0.73		0.73	0.63	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
2,4-Dinitrotoluene	<0.18		0.18	0.057	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
2,6-Dinitrotoluene	<0.18		0.18	0.071	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
2-Chloronaphthalene	<0.18		0.18	0.040	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
2-Chlorophenol	<0.18		0.18	0.061	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
2-Methylnaphthalene	<0.073		0.073	0.0066	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
2-Methylphenol	<0.18		0.18	0.058	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
2-Nitroaniline	<0.18		0.18	0.048	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
2-Nitrophenol	<0.36		0.36	0.085	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
3 & 4 Methylphenol	<0.18		0.18	0.060	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.050	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
3-Nitroaniline	<0.36		0.36	0.11	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
4,6-Dinitro-2-methylphenol	<0.73		0.73	0.29	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.047	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
4-Chloro-3-methylphenol	<0.36		0.36	0.12	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
4-Chloroaniline	<0.73		0.73	0.17	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.042	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
4-Nitroaniline	<0.36		0.36	0.15	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
4-Nitrophenol	<0.73		0.73	0.34	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
Acenaphthene	<0.036		0.036	0.0065	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
Acenaphthylene	<0.036		0.036	0.0047	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
Anthracene	<0.036		0.036	0.0060	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
<b>Benzo[a]anthracene</b>	<b>0.013</b>	<b>J</b>	0.036	0.0048	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
<b>Benzo[a]pyrene</b>	<b>0.035</b>	<b>J *3</b>	0.036	0.0070	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
<b>Benzo[b]fluoranthene</b>	<b>0.064</b>	<b>*3</b>	0.036	0.0078	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
<b>Benzo[g,h,i]perylene</b>	<b>0.014</b>	<b>J *3</b>	0.036	0.012	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
<b>Benzo[k]fluoranthene</b>	<b>0.018</b>	<b>J *3</b>	0.036	0.011	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.037	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
Bis(2-chloroethyl)ether	<0.18	*+	0.18	0.054	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.066	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
Butyl benzyl phthalate	<0.18		0.18	0.069	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
Carbazole	<0.18		0.18	0.090	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
<b>Chrysene</b>	<b>0.12</b>		0.036	0.0098	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
Dibenz(a,h)anthracene	<0.036	*3	0.036	0.0070	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
Dibenzofuran	<0.18		0.18	0.042	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
Diethyl phthalate	<0.18		0.18	0.061	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
Dimethyl phthalate	<0.18		0.18	0.047	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
Di-n-butyl phthalate	<0.18		0.18	0.055	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
Di-n-octyl phthalate	<0.18		0.18	0.059	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
<b>Fluoranthene</b>	<b>0.045</b>		0.036	0.0067	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
Fluorene	<0.036		0.036	0.0051	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
Hexachlorobenzene	<0.073		0.073	0.0083	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
Hexachlorobutadiene	<0.18		0.18	0.057	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
Hexachlorocyclopentadiene	<0.73	*-	0.73	0.21	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
Hexachloroethane	<0.18		0.18	0.055	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1

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# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-158(4-9)-051322**

**Lab Sample ID: 500-216607-20**

**Date Collected: 05/13/22 14:05**

**Matrix: Solid**

**Date Received: 05/13/22 17:05**

**Percent Solids: 88.8**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.036	*3	0.036	0.0093	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
Isophorone	<0.18		0.18	0.040	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
Naphthalene	<0.036		0.036	0.0055	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
Nitrobenzene	<0.036		0.036	0.0090	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
N-Nitrosodi-n-propylamine	<0.073		0.073	0.044	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
N-Nitrosodiphenylamine	<0.18		0.18	0.042	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
Pentachlorophenol	<0.73		0.73	0.58	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
<b>Phenanthrene</b>	<b>0.020</b>	<b>J</b>	0.036	0.0050	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
Phenol	<0.18		0.18	0.080	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
<b>Pyrene</b>	<b>0.047</b>		0.036	0.0072	mg/Kg	☼	05/26/22 14:04	05/27/22 20:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	80		31 - 143				05/26/22 14:04	05/27/22 20:46	1
2-Fluorobiphenyl (Surr)	91		43 - 145				05/26/22 14:04	05/27/22 20:46	1
2-Fluorophenol (Surr)	124		31 - 166				05/26/22 14:04	05/27/22 20:46	1
Nitrobenzene-d5 (Surr)	86		37 - 147				05/26/22 14:04	05/27/22 20:46	1
Phenol-d5 (Surr)	147		30 - 153				05/26/22 14:04	05/27/22 20:46	1
Terphenyl-d14 (Surr)	187	S1+	42 - 157				05/26/22 14:04	05/27/22 20:46	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		05/21/22 12:12	05/23/22 14:36	1
<b>Barium</b>	<b>0.23</b>	<b>J</b>	0.50	0.050	mg/L		05/21/22 12:12	05/23/22 14:36	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/21/22 12:12	05/23/22 14:36	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/21/22 12:12	05/23/22 14:36	1
Chromium	<0.025		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:36	1
<b>Cobalt</b>	<b>0.015</b>	<b>J</b>	0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:36	1
Copper	<0.025		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:36	1
Iron	<0.40		0.40	0.20	mg/L		05/21/22 12:12	05/23/22 14:36	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/21/22 12:12	05/23/22 14:36	1
<b>Manganese</b>	<b>2.2</b>		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:36	1
<b>Nickel</b>	<b>0.033</b>		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:36	1
Selenium	<0.050		0.050	0.020	mg/L		05/21/22 12:12	05/23/22 14:36	1
Silver	<0.025		0.025	0.010	mg/L		05/21/22 12:12	05/23/22 14:36	1
<b>Zinc</b>	<b>0.082</b>	<b>J</b>	0.50	0.020	mg/L		05/21/22 12:12	05/23/22 14:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.039</b>	<b>J</b>	0.050	0.010	mg/L		05/21/22 12:16	05/23/22 22:27	1
<b>Barium</b>	<b>0.17</b>	<b>J</b>	0.50	0.050	mg/L		05/21/22 12:16	05/23/22 22:27	1
<b>Beryllium</b>	<b>0.0058</b>		0.0040	0.0040	mg/L		05/21/22 12:16	05/23/22 22:27	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/21/22 12:16	05/23/22 22:27	1
<b>Chromium</b>	<b>0.084</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 22:27	1
<b>Cobalt</b>	<b>0.037</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 22:27	1
<b>Copper</b>	<b>0.10</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 22:27	1
<b>Iron</b>	<b>88</b>		0.40	0.20	mg/L		05/21/22 12:16	05/23/22 22:27	1
<b>Lead</b>	<b>0.099</b>		0.0075	0.0075	mg/L		05/21/22 12:16	05/23/22 22:27	1
<b>Manganese</b>	<b>0.66</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 22:27	1
<b>Nickel</b>	<b>0.11</b>		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 22:27	1
Selenium	<0.050		0.050	0.020	mg/L		05/21/22 12:16	05/23/22 22:27	1

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# Client Sample Results

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

Job ID: 500-216607-1

**Client Sample ID: ROW-158(4-9)-051322**

**Lab Sample ID: 500-216607-20**

Date Collected: 05/13/22 14:05

Matrix: Solid

Date Received: 05/13/22 17:05

Percent Solids: 88.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		05/21/22 12:16	05/23/22 22:27	1
Zinc	0.27	J	0.50	0.020	mg/L		05/21/22 12:16	05/23/22 22:27	1

### Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5600		11	4.5	mg/Kg	☆	05/20/22 09:23	05/23/22 19:46	1
Antimony	<1.1		1.1	0.21	mg/Kg	☆	05/20/22 09:23	05/23/22 19:46	1
Arsenic	7.1		0.55	0.19	mg/Kg	☆	05/20/22 09:23	05/23/22 19:46	1
Barium	26		1.1	0.13	mg/Kg	☆	05/20/22 09:23	05/24/22 13:22	2
Beryllium	0.64		0.22	0.052	mg/Kg	☆	05/20/22 09:23	05/23/22 19:46	1
Cadmium	0.032	J B	0.11	0.020	mg/Kg	☆	05/20/22 09:23	05/23/22 19:46	1
Calcium	98000	B	55	9.4	mg/Kg	☆	05/20/22 09:23	05/24/22 13:25	5
Chromium	9.0	B	0.55	0.27	mg/Kg	☆	05/20/22 09:23	05/23/22 19:46	1
Cobalt	8.9		0.28	0.072	mg/Kg	☆	05/20/22 09:23	05/23/22 19:46	1
Copper	15	B	0.55	0.15	mg/Kg	☆	05/20/22 09:23	05/23/22 19:46	1
Iron	15000	B	22	11	mg/Kg	☆	05/20/22 09:23	05/24/22 13:22	2
Lead	24		0.28	0.13	mg/Kg	☆	05/20/22 09:23	05/23/22 19:46	1
Magnesium	55000		11	5.5	mg/Kg	☆	05/20/22 09:23	05/24/22 13:22	2
Manganese	360		0.55	0.080	mg/Kg	☆	05/20/22 09:23	05/23/22 19:46	1
Nickel	21		0.55	0.16	mg/Kg	☆	05/20/22 09:23	05/23/22 19:46	1
Potassium	2100		28	9.8	mg/Kg	☆	05/20/22 09:23	05/23/22 19:46	1
Selenium	<0.55		0.55	0.32	mg/Kg	☆	05/20/22 09:23	05/23/22 19:46	1
Silver	0.22	J	0.28	0.071	mg/Kg	☆	05/20/22 09:23	05/23/22 19:46	1
Sodium	470		55	8.2	mg/Kg	☆	05/20/22 09:23	05/23/22 19:46	1
Thallium	0.47	J	0.55	0.28	mg/Kg	☆	05/20/22 09:23	05/23/22 19:46	1
Vanadium	9.7		0.28	0.065	mg/Kg	☆	05/20/22 09:23	05/23/22 19:46	1
Zinc	60		1.1	0.48	mg/Kg	☆	05/20/22 09:23	05/23/22 19:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/23/22 10:25	05/24/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/23/22 10:25	05/24/22 11:22	1

### Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.029		0.017	0.0058	mg/Kg	☆	05/20/22 15:05	05/23/22 08:14	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.7		0.2	0.2	SU			05/19/22 21:30	1

# Definitions/Glossary

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

Job ID: 500-216607-1

## 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
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*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.
S1+	Surrogate recovery exceeds control limits, high biased.

### Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
E	Result exceeded calibration range.
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

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# Definitions/Glossary

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

Job ID: 500-216607-1

## Glossary (Continued)

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

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# Chain of Custody Record

524238



Environment Testing  
TestAmerica

TAL-8210

Address: \_\_\_\_\_

Regulatory Program:  DW  NPDES  RCRA  Other

<b>Client Contact</b>		<b>Project Manager:</b> A Slos vs			<b>Site Contact:</b> / 2nd		<b>Date:</b> 5/13/22		<b>COC No.</b>					
Company Name: <i>Wornton Services</i>		Tel/Email:			Lab Contact:		Carrier:		2 of 4 COCs					
Address: <i>300 Kaysville Blvd, Dayton, OH</i>		<b>Analysis Turnaround Time</b>			Filtered Sample (Y/N) Perform MS/MSD (Y/N) VGCs SNOc Total metals TCLP/SPLP etc.		500-216607 COC		Sampler					
City/State/Zip: <i>Dayton, OH 45404</i>		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____							For Lab Use Only: <input type="checkbox"/>		Walk-in Client: <input type="checkbox"/>			
Phone:		<input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day							Lab Sampling		Job / SDG No.			
Fax:									500-216607				Sample Specific Notes.	
Project Name: <i>7205 017</i>														
Site: <i>7-80</i>														
P O #														
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.								
Row-120 (4-1)-051322		5/3/22	1055	6	S	6	X	X	X	X				
Row-121 ( )-051322			1100											
Row-122 (0-9)-051322			1105											
Row-125 (0-4)-051322			1115											
Row-125 (0-4)-051322			1115											
Row-125 (4-9)-051322			1120											
Row-131 (0-6)-051322			1135											
Row-131 (6-2)-051322			1140											
Row-131 (12-18)-051322			1145											
Row-134 (0- )-051322			12.0											
Row-134 (0-9)-051322			12.15											
Row-136 (0-4)-051322			1220											
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other														
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample							Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)							
<input checked="" type="checkbox"/> Non-Hazardous <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown							<input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months							
Special Instructions/QC Requirements & Comments: <i>Include TCLP/SPLP Fe + Mn 38-228, 41-201, 117-7108, 417-2307</i>														
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No			Cooler Temp. (°C) Obs'd		Corr'd		Therm ID No					
Relinquished by: <i>[Signature]</i>		Company: <i>WS</i>			Date/Time: <i>5/13/22/105</i>		Received by:		Company: <i>[Signature]</i>					
Relinquished by:		Company:			Date/Time:		Received by:		Company:					
Relinquished by:		Company:			Date/Time:		Received in Laboratory by: <i>[Signature]</i>		Company: <i>ETA</i>					

# Chain of Custody Record

524237



Environment Testing  
TestAmerica

TAL-8210

Address \_\_\_\_\_

Regulatory Program:  DW  NPDES  RCRA  Other

<b>Client Contact</b>		<b>Project Manager:</b> <i>A. Blessors</i>		<b>Site Contact:</b> <i>C. Rose</i>		<b>Date</b>		<b>COC No</b>	
Company Name: <i>Western Solutions</i>		Tel/Email:		Lab Contact: <i>R. Wright</i>		Carrier:		3 of 4 COCs	
Address: <i>300 Knightbridge Pl NW 80030</i>		<b>Analysis Turnaround Time</b> <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____ <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day							
City/State/Zip: <i>Lincolnville SC 29667</i>									
Phone:									
Fax:									
Project Name: <i>ZDOT 019</i>									
Site: <i>R-80</i>		P.O.#		Job / SDG No <i>500-216607</i>		For Lab Use Only: Walk-in Client Lab Sampling			
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
7	ROW-136 (4-9) -051322	5.13.22	1225	6	S	6			
8	ROW-136 (4-9) -051322D		1225						
9	ROW-141 (0-4) -051322		1240						
10	ROW-141 (4-9) -051322		1225						
11	ROW-147 (0-4) -051322		1300						
12	ROW-147 (4-9) -051322		1325						
13	ROW-151 (0-5) -051322		1320						
14	ROW-151 (5-10) -051322		1325						
15	ROW-151 (10-16) -051322		1330						
16	ROW-153 (0-4) -051322		1345						
17	ROW-153 (4-9) -051322		1350						
18	ROW-158 (0-4) -051322		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)		
<input checked="" type="checkbox"/> Non Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown							<input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months		
Special Instructions/QC Requirements & Comments: <i>Include TCLP/SLP Fe + Mn</i>									
Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temp (°C) Obs'd _____ Corr'd _____		Therm ID No _____			
Relinquished by <i>[Signature]</i>		Company: <i>WS</i>		Date/Time: <i>5/13/22 1625</i>		Received by <i>[Signature]</i>		Company: <i>EETA</i>	
Relinquished by <i>[Signature]</i>		Company: <i>EETA</i>		Date/Time: <i>5/13/22</i>		Received by		Company: _____	
Relinquished by <i>[Signature]</i>		Company: _____		Date/Time: _____		Received in Laboratory by <i>[Signature]</i>		Company: <i>EETA</i>	





## ANALYTICAL REPORT

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

Laboratory Job ID: 500-217164-1  
Client Project/Site: IDOT - I-80 - WO 019

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

Attn: Mr. Andris Slesers



Authorized for release by:  
6/10/2022 3:17:38 PM

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

[Richard.Wright@et.eurofinsus.com](mailto:Richard.Wright@et.eurofinsus.com)

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

# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-101(0-4)-052422**

**Lab Sample ID: 500-217164-1**

**Date Collected: 05/24/22 21:00**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 79.0**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>0.13</b>		0.020	0.0089	mg/Kg	☼	05/26/22 17:29	05/31/22 16:47	1
Benzene	<0.0020		0.0020	0.00052	mg/Kg	☼	05/26/22 17:29	05/31/22 16:47	1
Bromodichloromethane	<0.0020		0.0020	0.00041	mg/Kg	☼	05/26/22 17:29	05/31/22 16:47	1
Bromoform	<0.0020		0.0020	0.00060	mg/Kg	☼	05/26/22 17:29	05/31/22 16:47	1
Bromomethane	<0.0051		0.0051	0.0019	mg/Kg	☼	05/26/22 17:29	05/31/22 16:47	1
Carbon disulfide	<0.0051		0.0051	0.0011	mg/Kg	☼	05/26/22 17:29	05/31/22 16:47	1
Carbon tetrachloride	<0.0020		0.0020	0.00059	mg/Kg	☼	05/26/22 17:29	05/31/22 16:47	1
Chlorobenzene	<0.0020		0.0020	0.00075	mg/Kg	☼	05/26/22 17:29	05/31/22 16:47	1
Chloroethane	<0.0051		0.0051	0.0015	mg/Kg	☼	05/26/22 17:29	05/31/22 16:47	1
Chloroform	<0.0020		0.0020	0.00071	mg/Kg	☼	05/26/22 17:29	05/31/22 16:47	1
Chloromethane	<0.0051		0.0051	0.0020	mg/Kg	☼	05/26/22 17:29	05/31/22 16:47	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00057	mg/Kg	☼	05/26/22 17:29	05/31/22 16:47	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00061	mg/Kg	☼	05/26/22 17:29	05/31/22 16:47	1
Dibromochloromethane	<0.0020		0.0020	0.00067	mg/Kg	☼	05/26/22 17:29	05/31/22 16:47	1
1,1-Dichloroethane	<0.0020		0.0020	0.00070	mg/Kg	☼	05/26/22 17:29	05/31/22 16:47	1
1,2-Dichloroethane	<0.0051		0.0051	0.0016	mg/Kg	☼	05/26/22 17:29	05/31/22 16:47	1
1,1-Dichloroethene	<0.0020		0.0020	0.00070	mg/Kg	☼	05/26/22 17:29	05/31/22 16:47	1
1,2-Dichloropropane	<0.0020		0.0020	0.00053	mg/Kg	☼	05/26/22 17:29	05/31/22 16:47	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00072	mg/Kg	☼	05/26/22 17:29	05/31/22 16:47	1
Ethylbenzene	<0.0020		0.0020	0.00098	mg/Kg	☼	05/26/22 17:29	05/31/22 16:47	1
2-Hexanone	<0.0051		0.0051	0.0016	mg/Kg	☼	05/26/22 17:29	05/31/22 16:47	1
Methylene Chloride	<0.0051		0.0051	0.0020	mg/Kg	☼	05/26/22 17:29	05/31/22 16:47	1
<b>Methyl Ethyl Ketone</b>	<b>0.026</b>		0.0051	0.0023	mg/Kg	☼	05/26/22 17:29	05/31/22 16:47	1
methyl isobutyl ketone	<0.0051		0.0051	0.0015	mg/Kg	☼	05/26/22 17:29	05/31/22 16:47	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00060	mg/Kg	☼	05/26/22 17:29	05/31/22 16:47	1
Styrene	<0.0020		0.0020	0.00062	mg/Kg	☼	05/26/22 17:29	05/31/22 16:47	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00065	mg/Kg	☼	05/26/22 17:29	05/31/22 16:47	1
Tetrachloroethene	<0.0020		0.0020	0.00069	mg/Kg	☼	05/26/22 17:29	05/31/22 16:47	1
Toluene	<0.0020		0.0020	0.00051	mg/Kg	☼	05/26/22 17:29	05/31/22 16:47	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00090	mg/Kg	☼	05/26/22 17:29	05/31/22 16:47	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00072	mg/Kg	☼	05/26/22 17:29	05/31/22 16:47	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00068	mg/Kg	☼	05/26/22 17:29	05/31/22 16:47	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00087	mg/Kg	☼	05/26/22 17:29	05/31/22 16:47	1
<b>Trichloroethene</b>	<b>0.0010 J</b>		0.0020	0.00069	mg/Kg	☼	05/26/22 17:29	05/31/22 16:47	1
Vinyl chloride	<0.0020		0.0020	0.00090	mg/Kg	☼	05/26/22 17:29	05/31/22 16:47	1
Xylenes, Total	<0.0041		0.0041	0.00065	mg/Kg	☼	05/26/22 17:29	05/31/22 16:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		75 - 131	05/26/22 17:29	05/31/22 16:47	1
Dibromofluoromethane (Surr)	104		75 - 126	05/26/22 17:29	05/31/22 16:47	1
1,2-Dichloroethane-d4 (Surr)	111		70 - 134	05/26/22 17:29	05/31/22 16:47	1
Toluene-d8 (Surr)	104		75 - 124	05/26/22 17:29	05/31/22 16:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.043	mg/Kg	☼	06/06/22 14:06	06/07/22 14:52	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	06/06/22 14:06	06/07/22 14:52	1
1,3-Dichlorobenzene	<0.20		0.20	0.045	mg/Kg	☼	06/06/22 14:06	06/07/22 14:52	1
1,4-Dichlorobenzene	<0.20		0.20	0.051	mg/Kg	☼	06/06/22 14:06	06/07/22 14:52	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	☼	06/06/22 14:06	06/07/22 14:52	1

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# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-101(0-4)-052422**

**Lab Sample ID: 500-217164-1**

**Date Collected: 05/24/22 21:00**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 79.0**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.090	mg/Kg	☆	06/06/22 14:06	06/07/22 14:52	1
2,4,6-Trichlorophenol	<0.39		0.39	0.14	mg/Kg	☆	06/06/22 14:06	06/07/22 14:52	1
2,4-Dichlorophenol	<0.39		0.39	0.094	mg/Kg	☆	06/06/22 14:06	06/07/22 14:52	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	☆	06/06/22 14:06	06/07/22 14:52	1
2,4-Dinitrophenol	<0.80		0.80	0.70	mg/Kg	☆	06/06/22 14:06	06/07/22 14:52	1
2,4-Dinitrotoluene	<0.20		0.20	0.063	mg/Kg	☆	06/06/22 14:06	06/07/22 14:52	1
2,6-Dinitrotoluene	<0.20		0.20	0.078	mg/Kg	☆	06/06/22 14:06	06/07/22 14:52	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	☆	06/06/22 14:06	06/07/22 14:52	1
2-Chlorophenol	<0.20		0.20	0.067	mg/Kg	☆	06/06/22 14:06	06/07/22 14:52	1
2-Methylnaphthalene	<0.080		0.080	0.0073	mg/Kg	☆	06/06/22 14:06	06/07/22 14:52	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	☆	06/06/22 14:06	06/07/22 14:52	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	☆	06/06/22 14:06	06/07/22 14:52	1
2-Nitrophenol	<0.39		0.39	0.093	mg/Kg	☆	06/06/22 14:06	06/07/22 14:52	1
3 & 4 Methylphenol	<0.20		0.20	0.066	mg/Kg	☆	06/06/22 14:06	06/07/22 14:52	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	☆	06/06/22 14:06	06/07/22 14:52	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☆	06/06/22 14:06	06/07/22 14:52	1
4,6-Dinitro-2-methylphenol	<0.80		0.80	0.32	mg/Kg	☆	06/06/22 14:06	06/07/22 14:52	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☆	06/06/22 14:06	06/07/22 14:52	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	☆	06/06/22 14:06	06/07/22 14:52	1
4-Chloroaniline	<0.80		0.80	0.19	mg/Kg	☆	06/06/22 14:06	06/07/22 14:52	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	☆	06/06/22 14:06	06/07/22 14:52	1
4-Nitroaniline	<0.39		0.39	0.17	mg/Kg	☆	06/06/22 14:06	06/07/22 14:52	1
4-Nitrophenol	<0.80		0.80	0.38	mg/Kg	☆	06/06/22 14:06	06/07/22 14:52	1
Acenaphthene	<0.039		0.039	0.0071	mg/Kg	☆	06/06/22 14:06	06/07/22 14:52	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	☆	06/06/22 14:06	06/07/22 14:52	1
Anthracene	<0.039		0.039	0.0066	mg/Kg	☆	06/06/22 14:06	06/07/22 14:52	1
Benzo[a]anthracene	<0.039		0.039	0.0053	mg/Kg	☆	06/06/22 14:06	06/07/22 14:52	1
Benzo[a]pyrene	<0.039		0.039	0.0077	mg/Kg	☆	06/06/22 14:06	06/07/22 14:52	1
Benzo[b]fluoranthene	<0.039		0.039	0.0085	mg/Kg	☆	06/06/22 14:06	06/07/22 14:52	1
Benzo[g,h,i]perylene	<0.039		0.039	0.013	mg/Kg	☆	06/06/22 14:06	06/07/22 14:52	1
Benzo[k]fluoranthene	<0.039		0.039	0.012	mg/Kg	☆	06/06/22 14:06	06/07/22 14:52	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	☆	06/06/22 14:06	06/07/22 14:52	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	☆	06/06/22 14:06	06/07/22 14:52	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	☆	06/06/22 14:06	06/07/22 14:52	1
Butyl benzyl phthalate	<0.20		0.20	0.075	mg/Kg	☆	06/06/22 14:06	06/07/22 14:52	1
Carbazole	<0.20		0.20	0.099	mg/Kg	☆	06/06/22 14:06	06/07/22 14:52	1
Chrysene	<0.039		0.039	0.011	mg/Kg	☆	06/06/22 14:06	06/07/22 14:52	1
Dibenz(a,h)anthracene	<0.039		0.039	0.0076	mg/Kg	☆	06/06/22 14:06	06/07/22 14:52	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	☆	06/06/22 14:06	06/07/22 14:52	1
Diethyl phthalate	<0.20		0.20	0.067	mg/Kg	☆	06/06/22 14:06	06/07/22 14:52	1
Dimethyl phthalate	<0.20		0.20	0.052	mg/Kg	☆	06/06/22 14:06	06/07/22 14:52	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	☆	06/06/22 14:06	06/07/22 14:52	1
Di-n-octyl phthalate	<0.20		0.20	0.065	mg/Kg	☆	06/06/22 14:06	06/07/22 14:52	1
Fluoranthene	<0.039		0.039	0.0073	mg/Kg	☆	06/06/22 14:06	06/07/22 14:52	1
Fluorene	<0.039		0.039	0.0056	mg/Kg	☆	06/06/22 14:06	06/07/22 14:52	1
Hexachlorobenzene	<0.080		0.080	0.0092	mg/Kg	☆	06/06/22 14:06	06/07/22 14:52	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	☆	06/06/22 14:06	06/07/22 14:52	1
Hexachlorocyclopentadiene	<0.80		0.80	0.23	mg/Kg	☆	06/06/22 14:06	06/07/22 14:52	1
Hexachloroethane	<0.20		0.20	0.060	mg/Kg	☆	06/06/22 14:06	06/07/22 14:52	1

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# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-101(0-4)-052422**

**Lab Sample ID: 500-217164-1**

**Date Collected: 05/24/22 21:00**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 79.0**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.039		0.039	0.010	mg/Kg	☼	06/06/22 14:06	06/07/22 14:52	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	06/06/22 14:06	06/07/22 14:52	1
Naphthalene	<0.039		0.039	0.0061	mg/Kg	☼	06/06/22 14:06	06/07/22 14:52	1
Nitrobenzene	<0.039		0.039	0.0099	mg/Kg	☼	06/06/22 14:06	06/07/22 14:52	1
N-Nitrosodi-n-propylamine	<0.080		0.080	0.048	mg/Kg	☼	06/06/22 14:06	06/07/22 14:52	1
N-Nitrosodiphenylamine	<0.20		0.20	0.047	mg/Kg	☼	06/06/22 14:06	06/07/22 14:52	1
Pentachlorophenol	<0.80		0.80	0.63	mg/Kg	☼	06/06/22 14:06	06/07/22 14:52	1
Phenanthrene	<0.039		0.039	0.0055	mg/Kg	☼	06/06/22 14:06	06/07/22 14:52	1
Phenol	<0.20		0.20	0.088	mg/Kg	☼	06/06/22 14:06	06/07/22 14:52	1
Pyrene	<0.039		0.039	0.0079	mg/Kg	☼	06/06/22 14:06	06/07/22 14:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	151	S1+	31 - 143				06/06/22 14:06	06/07/22 14:52	1
2-Fluorobiphenyl (Surr)	89		43 - 145				06/06/22 14:06	06/07/22 14:52	1
2-Fluorophenol (Surr)	103		31 - 166				06/06/22 14:06	06/07/22 14:52	1
Nitrobenzene-d5 (Surr)	74		37 - 147				06/06/22 14:06	06/07/22 14:52	1
Phenol-d5 (Surr)	100		30 - 153				06/06/22 14:06	06/07/22 14:52	1
Terphenyl-d14 (Surr)	114		42 - 157				06/06/22 14:06	06/07/22 14:52	1

### Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.010</b>	<b>J</b>	0.050	0.010	mg/L		06/03/22 07:54	06/03/22 20:02	1
<b>Barium</b>	<b>0.53</b>		0.50	0.050	mg/L		06/03/22 07:54	06/03/22 20:02	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/22 07:54	06/03/22 20:02	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/22 07:54	06/03/22 20:02	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 20:02	1
<b>Cobalt</b>	<b>0.021</b>	<b>J</b>	0.025	0.010	mg/L		06/03/22 07:54	06/03/22 20:02	1
Copper	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 20:02	1
<b>Iron</b>	<b>0.39</b>	<b>J</b>	0.40	0.20	mg/L		06/03/22 07:54	06/03/22 20:02	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/22 07:54	06/03/22 20:02	1
<b>Manganese</b>	<b>8.6</b>		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 20:02	1
Nickel	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 20:02	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/22 07:54	06/03/22 20:02	1
Silver	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 20:02	1
<b>Zinc</b>	<b>0.025</b>	<b>J</b>	0.50	0.020	mg/L		06/03/22 07:54	06/03/22 20:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.033</b>	<b>J</b>	0.050	0.010	mg/L		06/03/22 07:58	06/03/22 16:07	1
<b>Barium</b>	<b>0.78</b>		0.50	0.050	mg/L		06/03/22 07:58	06/03/22 16:07	1
<b>Beryllium</b>	<b>0.0048</b>		0.0040	0.0040	mg/L		06/03/22 07:58	06/03/22 16:07	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/22 07:58	06/03/22 16:07	1
<b>Chromium</b>	<b>0.11</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:07	1
<b>Cobalt</b>	<b>0.038</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:07	1
<b>Copper</b>	<b>0.076</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:07	1
<b>Iron</b>	<b>110</b>		0.40	0.20	mg/L		06/03/22 07:58	06/03/22 16:07	1
<b>Lead</b>	<b>0.053</b>		0.0075	0.0075	mg/L		06/03/22 07:58	06/03/22 16:07	1
<b>Manganese</b>	<b>1.4</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:07	1
<b>Nickel</b>	<b>0.080</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:07	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/22 07:58	06/03/22 16:07	1

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# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-101(0-4)-052422**

**Lab Sample ID: 500-217164-1**

Date Collected: 05/24/22 21:00

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 79.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:07	1
<b>Zinc</b>	<b>0.33</b>	<b>J</b>	0.50	0.020	mg/L		06/03/22 07:58	06/03/22 16:07	1

### Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>12000</b>		12	5.1	mg/Kg	☆	06/02/22 09:47	06/03/22 13:12	1
<b>Antimony</b>	<b>0.37</b>	<b>J F1</b>	1.2	0.24	mg/Kg	☆	06/02/22 09:47	06/03/22 13:12	1
<b>Arsenic</b>	<b>6.7</b>	<b>F1</b>	0.62	0.21	mg/Kg	☆	06/02/22 09:47	06/03/22 13:12	1
<b>Barium</b>	<b>110</b>		0.62	0.071	mg/Kg	☆	06/02/22 09:47	06/03/22 13:12	1
<b>Beryllium</b>	<b>0.78</b>		0.25	0.058	mg/Kg	☆	06/02/22 09:47	06/03/22 13:12	1
Cadmium	<0.12	F1	0.12	0.022	mg/Kg	☆	06/02/22 09:47	06/03/22 13:12	1
<b>Calcium</b>	<b>2600</b>		12	2.1	mg/Kg	☆	06/02/22 09:47	06/03/22 13:12	1
<b>Chromium</b>	<b>15</b>		0.62	0.31	mg/Kg	☆	06/02/22 09:47	06/03/22 13:12	1
<b>Cobalt</b>	<b>11</b>		0.31	0.081	mg/Kg	☆	06/02/22 09:47	06/03/22 13:12	1
<b>Copper</b>	<b>13</b>	<b>B</b>	0.62	0.17	mg/Kg	☆	06/02/22 09:47	06/03/22 13:12	1
<b>Iron</b>	<b>18000</b>		12	6.4	mg/Kg	☆	06/02/22 09:47	06/03/22 13:12	1
<b>Lead</b>	<b>16</b>		0.31	0.14	mg/Kg	☆	06/02/22 09:47	06/03/22 13:12	1
<b>Magnesium</b>	<b>2600</b>		6.2	3.1	mg/Kg	☆	06/02/22 09:47	06/03/22 13:12	1
<b>Manganese</b>	<b>360</b>	<b>F2</b>	0.62	0.090	mg/Kg	☆	06/02/22 09:47	06/03/22 13:12	1
<b>Nickel</b>	<b>17</b>		0.62	0.18	mg/Kg	☆	06/02/22 09:47	06/03/22 13:12	1
<b>Potassium</b>	<b>1000</b>	<b>F1</b>	31	11	mg/Kg	☆	06/02/22 09:47	06/03/22 13:12	1
<b>Selenium</b>	<b>0.42</b>	<b>J F1</b>	0.62	0.36	mg/Kg	☆	06/02/22 09:47	06/03/22 13:12	1
<b>Silver</b>	<b>0.41</b>	<b>F1</b>	0.31	0.080	mg/Kg	☆	06/02/22 09:47	06/03/22 13:12	1
<b>Sodium</b>	<b>1500</b>	<b>F1</b>	62	9.2	mg/Kg	☆	06/02/22 09:47	06/03/22 13:12	1
Thallium	<0.62		0.62	0.31	mg/Kg	☆	06/02/22 09:47	06/03/22 13:12	1
<b>Vanadium</b>	<b>26</b>		0.31	0.073	mg/Kg	☆	06/02/22 09:47	06/03/22 13:12	1
<b>Zinc</b>	<b>45</b>		1.2	0.54	mg/Kg	☆	06/02/22 09:47	06/03/22 13:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/02/22 15:10	06/03/22 09:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/02/22 15:10	06/03/22 11:24	1

### Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.034</b>		0.019	0.0062	mg/Kg	☆	05/31/22 16:00	06/01/22 07:27	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>7.1</b>		0.2	0.2	SU			05/27/22 13:39	1

# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-101(4-9)-052422**

**Lab Sample ID: 500-217164-2**

**Date Collected: 05/24/22 21:05**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 78.8**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>0.044</b>		0.019	0.0082	mg/Kg	☼	05/26/22 17:29	05/31/22 17:14	1
Benzene	<0.0019		0.0019	0.00048	mg/Kg	☼	05/26/22 17:29	05/31/22 17:14	1
Bromodichloromethane	<0.0019		0.0019	0.00038	mg/Kg	☼	05/26/22 17:29	05/31/22 17:14	1
Bromoform	<0.0019		0.0019	0.00055	mg/Kg	☼	05/26/22 17:29	05/31/22 17:14	1
Bromomethane	<0.0047		0.0047	0.0018	mg/Kg	☼	05/26/22 17:29	05/31/22 17:14	1
Carbon disulfide	<0.0047		0.0047	0.00098	mg/Kg	☼	05/26/22 17:29	05/31/22 17:14	1
Carbon tetrachloride	<0.0019		0.0019	0.00054	mg/Kg	☼	05/26/22 17:29	05/31/22 17:14	1
Chlorobenzene	<0.0019		0.0019	0.00069	mg/Kg	☼	05/26/22 17:29	05/31/22 17:14	1
Chloroethane	<0.0047		0.0047	0.0014	mg/Kg	☼	05/26/22 17:29	05/31/22 17:14	1
Chloroform	<0.0019		0.0019	0.00065	mg/Kg	☼	05/26/22 17:29	05/31/22 17:14	1
Chloromethane	<0.0047		0.0047	0.0019	mg/Kg	☼	05/26/22 17:29	05/31/22 17:14	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00052	mg/Kg	☼	05/26/22 17:29	05/31/22 17:14	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00057	mg/Kg	☼	05/26/22 17:29	05/31/22 17:14	1
Dibromochloromethane	<0.0019		0.0019	0.00061	mg/Kg	☼	05/26/22 17:29	05/31/22 17:14	1
1,1-Dichloroethane	<0.0019		0.0019	0.00064	mg/Kg	☼	05/26/22 17:29	05/31/22 17:14	1
1,2-Dichloroethane	<0.0047		0.0047	0.0015	mg/Kg	☼	05/26/22 17:29	05/31/22 17:14	1
1,1-Dichloroethene	<0.0019		0.0019	0.00065	mg/Kg	☼	05/26/22 17:29	05/31/22 17:14	1
1,2-Dichloropropane	<0.0019		0.0019	0.00049	mg/Kg	☼	05/26/22 17:29	05/31/22 17:14	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00066	mg/Kg	☼	05/26/22 17:29	05/31/22 17:14	1
Ethylbenzene	<0.0019		0.0019	0.00090	mg/Kg	☼	05/26/22 17:29	05/31/22 17:14	1
2-Hexanone	<0.0047		0.0047	0.0015	mg/Kg	☼	05/26/22 17:29	05/31/22 17:14	1
Methylene Chloride	<0.0047		0.0047	0.0018	mg/Kg	☼	05/26/22 17:29	05/31/22 17:14	1
<b>Methyl Ethyl Ketone</b>	<b>0.0063</b>		0.0047	0.0021	mg/Kg	☼	05/26/22 17:29	05/31/22 17:14	1
methyl isobutyl ketone	<0.0047		0.0047	0.0014	mg/Kg	☼	05/26/22 17:29	05/31/22 17:14	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00055	mg/Kg	☼	05/26/22 17:29	05/31/22 17:14	1
Styrene	<0.0019		0.0019	0.00057	mg/Kg	☼	05/26/22 17:29	05/31/22 17:14	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00060	mg/Kg	☼	05/26/22 17:29	05/31/22 17:14	1
Tetrachloroethene	<0.0019		0.0019	0.00064	mg/Kg	☼	05/26/22 17:29	05/31/22 17:14	1
Toluene	<0.0019		0.0019	0.00047	mg/Kg	☼	05/26/22 17:29	05/31/22 17:14	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00083	mg/Kg	☼	05/26/22 17:29	05/31/22 17:14	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00066	mg/Kg	☼	05/26/22 17:29	05/31/22 17:14	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00063	mg/Kg	☼	05/26/22 17:29	05/31/22 17:14	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00081	mg/Kg	☼	05/26/22 17:29	05/31/22 17:14	1
<b>Trichloroethene</b>	<b>0.00067 J</b>		0.0019	0.00063	mg/Kg	☼	05/26/22 17:29	05/31/22 17:14	1
Vinyl chloride	<0.0019		0.0019	0.00083	mg/Kg	☼	05/26/22 17:29	05/31/22 17:14	1
Xylenes, Total	<0.0038		0.0038	0.00060	mg/Kg	☼	05/26/22 17:29	05/31/22 17:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		75 - 131	05/26/22 17:29	05/31/22 17:14	1
Dibromofluoromethane (Surr)	99		75 - 126	05/26/22 17:29	05/31/22 17:14	1
1,2-Dichloroethane-d4 (Surr)	108		70 - 134	05/26/22 17:29	05/31/22 17:14	1
Toluene-d8 (Surr)	108		75 - 124	05/26/22 17:29	05/31/22 17:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.21		0.21	0.045	mg/Kg	☼	06/06/22 14:06	06/07/22 15:16	1
1,2-Dichlorobenzene	<0.21		0.21	0.049	mg/Kg	☼	06/06/22 14:06	06/07/22 15:16	1
1,3-Dichlorobenzene	<0.21		0.21	0.047	mg/Kg	☼	06/06/22 14:06	06/07/22 15:16	1
1,4-Dichlorobenzene	<0.21		0.21	0.053	mg/Kg	☼	06/06/22 14:06	06/07/22 15:16	1
2,2'-oxybis[1-chloropropane]	<0.21		0.21	0.048	mg/Kg	☼	06/06/22 14:06	06/07/22 15:16	1

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# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-101(4-9)-052422**

**Lab Sample ID: 500-217164-2**

**Date Collected: 05/24/22 21:05**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 78.8**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.41		0.41	0.094	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
2,4,6-Trichlorophenol	<0.41		0.41	0.14	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
2,4-Dichlorophenol	<0.41		0.41	0.098	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
2,4-Dimethylphenol	<0.41		0.41	0.16	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
2,4-Dinitrophenol	<0.83		0.83	0.73	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
2,4-Dinitrotoluene	<0.21		0.21	0.066	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
2,6-Dinitrotoluene	<0.21		0.21	0.081	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
2-Chloronaphthalene	<0.21		0.21	0.046	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
2-Chlorophenol	<0.21		0.21	0.071	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
2-Methylnaphthalene	<0.083		0.083	0.0076	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
2-Methylphenol	<0.21		0.21	0.066	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
2-Nitroaniline	<0.21		0.21	0.056	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
2-Nitrophenol	<0.41		0.41	0.098	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
3 & 4 Methylphenol	<0.21		0.21	0.069	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
3,3'-Dichlorobenzidine	<0.21		0.21	0.058	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
3-Nitroaniline	<0.41		0.41	0.13	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
4,6-Dinitro-2-methylphenol	<0.83		0.83	0.33	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
4-Bromophenyl phenyl ether	<0.21		0.21	0.055	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
4-Chloro-3-methylphenol	<0.41		0.41	0.14	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
4-Chloroaniline	<0.83		0.83	0.19	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
4-Chlorophenyl phenyl ether	<0.21		0.21	0.048	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
4-Nitroaniline	<0.41		0.41	0.17	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
4-Nitrophenol	<0.83		0.83	0.39	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
Acenaphthene	<0.041		0.041	0.0074	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
Acenaphthylene	<0.041		0.041	0.0055	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
Anthracene	<0.041		0.041	0.0069	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
Benzo[a]anthracene	<0.041		0.041	0.0056	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
Benzo[a]pyrene	<0.041		0.041	0.0080	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
Benzo[b]fluoranthene	<0.041		0.041	0.0089	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
Benzo[g,h,i]perylene	<0.041		0.041	0.013	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
Benzo[k]fluoranthene	<0.041		0.041	0.012	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
Bis(2-chloroethoxy)methane	<0.21		0.21	0.042	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
Bis(2-chloroethyl)ether	<0.21		0.21	0.062	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
Bis(2-ethylhexyl) phthalate	<0.21		0.21	0.076	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
Butyl benzyl phthalate	<0.21		0.21	0.079	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
Carbazole	<0.21		0.21	0.10	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
Chrysene	<0.041		0.041	0.011	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
Dibenz(a,h)anthracene	<0.041		0.041	0.0080	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
Dibenzofuran	<0.21		0.21	0.048	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
Diethyl phthalate	<0.21		0.21	0.070	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
Dimethyl phthalate	<0.21		0.21	0.054	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
Di-n-butyl phthalate	<0.21		0.21	0.063	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
Di-n-octyl phthalate	<0.21		0.21	0.067	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
Fluoranthene	<0.041		0.041	0.0077	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
Fluorene	<0.041		0.041	0.0058	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
Hexachlorobenzene	<0.083		0.083	0.0096	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
Hexachlorobutadiene	<0.21		0.21	0.065	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
Hexachlorocyclopentadiene	<0.83		0.83	0.24	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
Hexachloroethane	<0.21		0.21	0.063	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1

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# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-101(4-9)-052422**

**Lab Sample ID: 500-217164-2**

Date Collected: 05/24/22 21:05

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 78.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.041		0.041	0.011	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
Isophorone	<0.21		0.21	0.046	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
Naphthalene	<0.041		0.041	0.0064	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
Nitrobenzene	<0.041		0.041	0.010	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
N-Nitrosodi-n-propylamine	<0.083		0.083	0.051	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
N-Nitrosodiphenylamine	<0.21		0.21	0.049	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
Pentachlorophenol	<0.83		0.83	0.66	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
Phenanthrene	<0.041		0.041	0.0058	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
Phenol	<0.21		0.21	0.092	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
Pyrene	<0.041		0.041	0.0082	mg/Kg	✱	06/06/22 14:06	06/07/22 15:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	84		31 - 143				06/06/22 14:06	06/07/22 15:16	1
2-Fluorobiphenyl (Surr)	62		43 - 145				06/06/22 14:06	06/07/22 15:16	1
2-Fluorophenol (Surr)	83		31 - 166				06/06/22 14:06	06/07/22 15:16	1
Nitrobenzene-d5 (Surr)	49		37 - 147				06/06/22 14:06	06/07/22 15:16	1
Phenol-d5 (Surr)	72		30 - 153				06/06/22 14:06	06/07/22 15:16	1
Terphenyl-d14 (Surr)	74		42 - 157				06/06/22 14:06	06/07/22 15:16	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.011</b>	<b>J</b>	0.050	0.010	mg/L		06/03/22 07:54	06/03/22 20:05	1
<b>Barium</b>	<b>0.70</b>		0.50	0.050	mg/L		06/03/22 07:54	06/03/22 20:05	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/22 07:54	06/03/22 20:05	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/22 07:54	06/03/22 20:05	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 20:05	1
<b>Cobalt</b>	<b>0.038</b>		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 20:05	1
Copper	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 20:05	1
Iron	<0.40		0.40	0.20	mg/L		06/03/22 07:54	06/03/22 20:05	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/22 07:54	06/03/22 20:05	1
<b>Manganese</b>	<b>13</b>		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 20:05	1
<b>Nickel</b>	<b>0.036</b>		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 20:05	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/22 07:54	06/03/22 20:05	1
Silver	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 20:05	1
<b>Zinc</b>	<b>0.035</b>	<b>J</b>	0.50	0.020	mg/L		06/03/22 07:54	06/03/22 20:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.064</b>		0.050	0.010	mg/L		06/03/22 07:58	06/03/22 16:10	1
<b>Barium</b>	<b>0.71</b>		0.50	0.050	mg/L		06/03/22 07:58	06/03/22 16:10	1
<b>Beryllium</b>	<b>0.0071</b>		0.0040	0.0040	mg/L		06/03/22 07:58	06/03/22 16:10	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/22 07:58	06/03/22 16:10	1
<b>Chromium</b>	<b>0.14</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:10	1
<b>Cobalt</b>	<b>0.065</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:10	1
<b>Copper</b>	<b>0.15</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:10	1
<b>Iron</b>	<b>150</b>		0.40	0.20	mg/L		06/03/22 07:58	06/03/22 16:10	1
<b>Lead</b>	<b>0.076</b>		0.0075	0.0075	mg/L		06/03/22 07:58	06/03/22 16:10	1
<b>Manganese</b>	<b>1.7</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:10	1
<b>Nickel</b>	<b>0.18</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:10	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/22 07:58	06/03/22 16:10	1

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# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-101(4-9)-052422**

**Lab Sample ID: 500-217164-2**

Date Collected: 05/24/22 21:05

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 78.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:10	1
Zinc	0.36	J	0.50	0.020	mg/L		06/03/22 07:58	06/03/22 16:10	1

## Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	11000		12	5.1	mg/Kg	☆	06/02/22 09:47	06/03/22 13:35	1
Antimony	0.46	J	1.2	0.24	mg/Kg	☆	06/02/22 09:47	06/03/22 13:35	1
Arsenic	9.1		0.62	0.21	mg/Kg	☆	06/02/22 09:47	06/03/22 13:35	1
Barium	87		0.62	0.071	mg/Kg	☆	06/02/22 09:47	06/03/22 13:35	1
Beryllium	0.81		0.25	0.058	mg/Kg	☆	06/02/22 09:47	06/03/22 13:35	1
Cadmium	<0.12		0.12	0.022	mg/Kg	☆	06/02/22 09:47	06/03/22 13:35	1
Calcium	18000		12	2.1	mg/Kg	☆	06/02/22 09:47	06/03/22 13:35	1
Chromium	15		0.62	0.31	mg/Kg	☆	06/02/22 09:47	06/03/22 13:35	1
Cobalt	13		0.31	0.081	mg/Kg	☆	06/02/22 09:47	06/03/22 13:35	1
Copper	21	B	0.62	0.17	mg/Kg	☆	06/02/22 09:47	06/03/22 13:35	1
Iron	20000		12	6.5	mg/Kg	☆	06/02/22 09:47	06/03/22 13:35	1
Lead	16		0.31	0.14	mg/Kg	☆	06/02/22 09:47	06/03/22 13:35	1
Magnesium	12000		6.2	3.1	mg/Kg	☆	06/02/22 09:47	06/03/22 13:35	1
Manganese	530		0.62	0.090	mg/Kg	☆	06/02/22 09:47	06/03/22 13:35	1
Nickel	32		0.62	0.18	mg/Kg	☆	06/02/22 09:47	06/03/22 13:35	1
Potassium	1200		31	11	mg/Kg	☆	06/02/22 09:47	06/03/22 13:35	1
Selenium	<0.62		0.62	0.36	mg/Kg	☆	06/02/22 09:47	06/03/22 13:35	1
Silver	0.36		0.31	0.080	mg/Kg	☆	06/02/22 09:47	06/03/22 13:35	1
Sodium	1100		62	9.2	mg/Kg	☆	06/02/22 09:47	06/03/22 13:35	1
Thallium	0.43	J	0.62	0.31	mg/Kg	☆	06/02/22 09:47	06/03/22 13:35	1
Vanadium	23		0.31	0.073	mg/Kg	☆	06/02/22 09:47	06/03/22 13:35	1
Zinc	55		1.2	0.54	mg/Kg	☆	06/02/22 09:47	06/03/22 13:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/02/22 15:10	06/03/22 09:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/02/22 15:10	06/03/22 11:26	1

## Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.038		0.019	0.0064	mg/Kg	☆	05/31/22 16:00	06/01/22 07:30	1

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.1		0.2	0.2	SU			05/27/22 13:39	1







# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-102(4-9)-052422**

**Lab Sample ID: 500-217164-3**

Date Collected: 05/24/22 21:15

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 80.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:13	1
<b>Zinc</b>	<b>0.30</b>	<b>J</b>	0.50	0.020	mg/L		06/03/22 07:58	06/03/22 16:13	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>11000</b>		12	4.8	mg/Kg	✧	06/02/22 09:47	06/03/22 13:38	1
<b>Antimony</b>	<b>0.50</b>	<b>J</b>	1.2	0.23	mg/Kg	✧	06/02/22 09:47	06/03/22 13:38	1
<b>Arsenic</b>	<b>9.2</b>		0.59	0.20	mg/Kg	✧	06/02/22 09:47	06/03/22 13:38	1
<b>Barium</b>	<b>87</b>		0.59	0.068	mg/Kg	✧	06/02/22 09:47	06/03/22 13:38	1
<b>Beryllium</b>	<b>0.83</b>		0.24	0.055	mg/Kg	✧	06/02/22 09:47	06/03/22 13:38	1
Cadmium	<0.12		0.12	0.021	mg/Kg	✧	06/02/22 09:47	06/03/22 13:38	1
<b>Calcium</b>	<b>18000</b>		12	2.0	mg/Kg	✧	06/02/22 09:47	06/03/22 13:38	1
<b>Chromium</b>	<b>16</b>		0.59	0.29	mg/Kg	✧	06/02/22 09:47	06/03/22 13:38	1
<b>Cobalt</b>	<b>15</b>		0.30	0.078	mg/Kg	✧	06/02/22 09:47	06/03/22 13:38	1
<b>Copper</b>	<b>22</b>	<b>B</b>	0.59	0.17	mg/Kg	✧	06/02/22 09:47	06/03/22 13:38	1
<b>Iron</b>	<b>21000</b>		12	6.2	mg/Kg	✧	06/02/22 09:47	06/03/22 13:38	1
<b>Lead</b>	<b>18</b>		0.30	0.14	mg/Kg	✧	06/02/22 09:47	06/03/22 13:38	1
<b>Magnesium</b>	<b>11000</b>		5.9	2.9	mg/Kg	✧	06/02/22 09:47	06/03/22 13:38	1
<b>Manganese</b>	<b>610</b>		0.59	0.086	mg/Kg	✧	06/02/22 09:47	06/03/22 13:38	1
<b>Nickel</b>	<b>36</b>		0.59	0.17	mg/Kg	✧	06/02/22 09:47	06/03/22 13:38	1
<b>Potassium</b>	<b>1200</b>		30	10	mg/Kg	✧	06/02/22 09:47	06/03/22 13:38	1
Selenium	<0.59		0.59	0.35	mg/Kg	✧	06/02/22 09:47	06/03/22 13:38	1
<b>Silver</b>	<b>0.41</b>		0.30	0.077	mg/Kg	✧	06/02/22 09:47	06/03/22 13:38	1
<b>Sodium</b>	<b>760</b>		59	8.8	mg/Kg	✧	06/02/22 09:47	06/03/22 13:38	1
<b>Thallium</b>	<b>0.44</b>	<b>J</b>	0.59	0.30	mg/Kg	✧	06/02/22 09:47	06/03/22 13:38	1
<b>Vanadium</b>	<b>23</b>		0.30	0.070	mg/Kg	✧	06/02/22 09:47	06/03/22 13:38	1
<b>Zinc</b>	<b>57</b>		1.2	0.52	mg/Kg	✧	06/02/22 09:47	06/03/22 13:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/02/22 15:10	06/03/22 09:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/02/22 15:10	06/03/22 11:32	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.043</b>		0.018	0.0061	mg/Kg	✧	05/31/22 16:00	06/01/22 07:32	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.4</b>		0.2	0.2	SU			05/27/22 13:39	1















Client Sample Results

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

Job ID: 500-217164-1

Client Sample ID: ROW-103(4-9)-052422

Lab Sample ID: 500-217164-5

Date Collected: 05/24/22 21:25

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 85.0

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

Table with columns: Analyte, Result, Qualifier, RL, MDL, Unit, D, Prepared, Analyzed, Dil Fac. Includes entries for Indeno[1,2,3-cd]pyrene, Isophorone, Naphthalene, Nitrobenzene, N-Nitrosodi-n-propylamine, N-Nitrosodiphenylamine, Pentachlorophenol, Phenanthrene, Phenol, Pyrene, and a Surrogate section with %Recovery and Limits.

Method: 6010B - Metals (ICP) - TCLP

Table with columns: Analyte, Result, Qualifier, RL, MDL, Unit, D, Prepared, Analyzed, Dil Fac. Lists various metals such as Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Iron, Lead, Manganese, Nickel, Selenium, Silver, and Zinc.

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

Table with columns: Analyte, Result, Qualifier, RL, MDL, Unit, D, Prepared, Analyzed, Dil Fac. Lists various metals such as Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Iron, Lead, Manganese, Nickel, and Selenium.

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# Client Sample Results

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

Job ID: 500-217164-1

Client Sample ID: ROW-105(0-4)-052422

Lab Sample ID: 500-217164-6

Date Collected: 05/24/22 22:00

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 76.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:32	1
Zinc	0.32	J	0.50	0.020	mg/L		06/03/22 07:58	06/03/22 16:32	1

## Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	14000		13	5.3	mg/Kg	☆	06/02/22 09:47	06/03/22 13:48	1
Antimony	0.40	J	1.3	0.25	mg/Kg	☆	06/02/22 09:47	06/03/22 13:48	1
Arsenic	4.8		0.65	0.22	mg/Kg	☆	06/02/22 09:47	06/03/22 13:48	1
Barium	160		0.65	0.074	mg/Kg	☆	06/02/22 09:47	06/03/22 13:48	1
Beryllium	0.85		0.26	0.061	mg/Kg	☆	06/02/22 09:47	06/03/22 13:48	1
Cadmium	<0.13		0.13	0.023	mg/Kg	☆	06/02/22 09:47	06/03/22 13:48	1
Calcium	3700		13	2.2	mg/Kg	☆	06/02/22 09:47	06/03/22 13:48	1
Chromium	15		0.65	0.32	mg/Kg	☆	06/02/22 09:47	06/03/22 13:48	1
Cobalt	9.7		0.32	0.085	mg/Kg	☆	06/02/22 09:47	06/03/22 13:48	1
Copper	16	B	0.65	0.18	mg/Kg	☆	06/02/22 09:47	06/03/22 13:48	1
Iron	15000		13	6.8	mg/Kg	☆	06/02/22 09:47	06/03/22 13:48	1
Lead	15		0.32	0.15	mg/Kg	☆	06/02/22 09:47	06/03/22 13:48	1
Magnesium	2600		6.5	3.2	mg/Kg	☆	06/02/22 09:47	06/03/22 13:48	1
Manganese	330		0.65	0.094	mg/Kg	☆	06/02/22 09:47	06/03/22 13:48	1
Nickel	15		0.65	0.19	mg/Kg	☆	06/02/22 09:47	06/03/22 13:48	1
Potassium	820		32	11	mg/Kg	☆	06/02/22 09:47	06/03/22 13:48	1
Selenium	0.42	J	0.65	0.38	mg/Kg	☆	06/02/22 09:47	06/03/22 13:48	1
Silver	0.47		0.32	0.084	mg/Kg	☆	06/02/22 09:47	06/03/22 13:48	1
Sodium	1000		65	9.6	mg/Kg	☆	06/02/22 09:47	06/03/22 13:48	1
Thallium	<0.65		0.65	0.32	mg/Kg	☆	06/02/22 09:47	06/03/22 13:48	1
Vanadium	28		0.32	0.077	mg/Kg	☆	06/02/22 09:47	06/03/22 13:48	1
Zinc	58		1.3	0.57	mg/Kg	☆	06/02/22 09:47	06/03/22 13:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/02/22 15:10	06/03/22 09:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/02/22 15:10	06/03/22 11:39	1

## Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.045		0.020	0.0067	mg/Kg	☆	05/31/22 16:00	06/01/22 07:41	1

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.3		0.2	0.2	SU			05/27/22 13:39	1

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# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-105(4-9)-052422**

**Lab Sample ID: 500-217164-7**

Date Collected: 05/24/22 22:05

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 84.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>0.040</b>		0.019	0.0081	mg/Kg	☼	05/26/22 17:29	05/31/22 19:32	1
Benzene	<0.0019		0.0019	0.00048	mg/Kg	☼	05/26/22 17:29	05/31/22 19:32	1
Bromodichloromethane	<0.0019		0.0019	0.00038	mg/Kg	☼	05/26/22 17:29	05/31/22 19:32	1
Bromoform	<0.0019		0.0019	0.00055	mg/Kg	☼	05/26/22 17:29	05/31/22 19:32	1
Bromomethane	<0.0047		0.0047	0.0018	mg/Kg	☼	05/26/22 17:29	05/31/22 19:32	1
Carbon disulfide	<0.0047		0.0047	0.00097	mg/Kg	☼	05/26/22 17:29	05/31/22 19:32	1
Carbon tetrachloride	<0.0019		0.0019	0.00054	mg/Kg	☼	05/26/22 17:29	05/31/22 19:32	1
Chlorobenzene	<0.0019		0.0019	0.00069	mg/Kg	☼	05/26/22 17:29	05/31/22 19:32	1
Chloroethane	<0.0047		0.0047	0.0014	mg/Kg	☼	05/26/22 17:29	05/31/22 19:32	1
Chloroform	<0.0019		0.0019	0.00065	mg/Kg	☼	05/26/22 17:29	05/31/22 19:32	1
Chloromethane	<0.0047		0.0047	0.0019	mg/Kg	☼	05/26/22 17:29	05/31/22 19:32	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00052	mg/Kg	☼	05/26/22 17:29	05/31/22 19:32	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00056	mg/Kg	☼	05/26/22 17:29	05/31/22 19:32	1
Dibromochloromethane	<0.0019		0.0019	0.00061	mg/Kg	☼	05/26/22 17:29	05/31/22 19:32	1
1,1-Dichloroethane	<0.0019		0.0019	0.00064	mg/Kg	☼	05/26/22 17:29	05/31/22 19:32	1
1,2-Dichloroethane	<0.0047		0.0047	0.0015	mg/Kg	☼	05/26/22 17:29	05/31/22 19:32	1
1,1-Dichloroethene	<0.0019		0.0019	0.00064	mg/Kg	☼	05/26/22 17:29	05/31/22 19:32	1
1,2-Dichloropropane	<0.0019		0.0019	0.00048	mg/Kg	☼	05/26/22 17:29	05/31/22 19:32	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00066	mg/Kg	☼	05/26/22 17:29	05/31/22 19:32	1
Ethylbenzene	<0.0019		0.0019	0.00089	mg/Kg	☼	05/26/22 17:29	05/31/22 19:32	1
2-Hexanone	<0.0047		0.0047	0.0015	mg/Kg	☼	05/26/22 17:29	05/31/22 19:32	1
Methylene Chloride	<0.0047		0.0047	0.0018	mg/Kg	☼	05/26/22 17:29	05/31/22 19:32	1
Methyl Ethyl Ketone	<0.0047		0.0047	0.0021	mg/Kg	☼	05/26/22 17:29	05/31/22 19:32	1
methyl isobutyl ketone	<0.0047		0.0047	0.0014	mg/Kg	☼	05/26/22 17:29	05/31/22 19:32	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00055	mg/Kg	☼	05/26/22 17:29	05/31/22 19:32	1
Styrene	<0.0019		0.0019	0.00056	mg/Kg	☼	05/26/22 17:29	05/31/22 19:32	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00060	mg/Kg	☼	05/26/22 17:29	05/31/22 19:32	1
Tetrachloroethene	<0.0019		0.0019	0.00064	mg/Kg	☼	05/26/22 17:29	05/31/22 19:32	1
Toluene	<0.0019		0.0019	0.00047	mg/Kg	☼	05/26/22 17:29	05/31/22 19:32	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00083	mg/Kg	☼	05/26/22 17:29	05/31/22 19:32	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00066	mg/Kg	☼	05/26/22 17:29	05/31/22 19:32	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00063	mg/Kg	☼	05/26/22 17:29	05/31/22 19:32	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00080	mg/Kg	☼	05/26/22 17:29	05/31/22 19:32	1
<b>Trichloroethene</b>	<b>0.0014 J</b>		0.0019	0.00063	mg/Kg	☼	05/26/22 17:29	05/31/22 19:32	1
Vinyl chloride	<0.0019		0.0019	0.00083	mg/Kg	☼	05/26/22 17:29	05/31/22 19:32	1
Xylenes, Total	<0.0037		0.0037	0.00060	mg/Kg	☼	05/26/22 17:29	05/31/22 19:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		75 - 131	05/26/22 17:29	05/31/22 19:32	1
Dibromofluoromethane (Surr)	100		75 - 126	05/26/22 17:29	05/31/22 19:32	1
1,2-Dichloroethane-d4 (Surr)	111		70 - 134	05/26/22 17:29	05/31/22 19:32	1
Toluene-d8 (Surr)	107		75 - 124	05/26/22 17:29	05/31/22 19:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	☼	06/06/22 14:06	06/08/22 14:09	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	☼	06/06/22 14:06	06/08/22 14:09	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	06/06/22 14:06	06/08/22 14:09	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	☼	06/06/22 14:06	06/08/22 14:09	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	☼	06/06/22 14:06	06/08/22 14:09	1

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# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-105(4-9)-052422**

**Lab Sample ID: 500-217164-7**

**Date Collected: 05/24/22 22:05**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 84.4**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.085	mg/Kg	✳	06/06/22 14:06	06/08/22 14:09	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	✳	06/06/22 14:06	06/08/22 14:09	1
2,4-Dichlorophenol	<0.37		0.37	0.089	mg/Kg	✳	06/06/22 14:06	06/08/22 14:09	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	✳	06/06/22 14:06	06/08/22 14:09	1
2,4-Dinitrophenol	<0.75		0.75	0.66	mg/Kg	✳	06/06/22 14:06	06/08/22 14:09	1
2,4-Dinitrotoluene	<0.19		0.19	0.059	mg/Kg	✳	06/06/22 14:06	06/08/22 14:09	1
2,6-Dinitrotoluene	<0.19		0.19	0.074	mg/Kg	✳	06/06/22 14:06	06/08/22 14:09	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	✳	06/06/22 14:06	06/08/22 14:09	1
2-Chlorophenol	<0.19		0.19	0.064	mg/Kg	✳	06/06/22 14:06	06/08/22 14:09	1
2-Methylnaphthalene	<0.075		0.075	0.0069	mg/Kg	✳	06/06/22 14:06	06/08/22 14:09	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	✳	06/06/22 14:06	06/08/22 14:09	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	✳	06/06/22 14:06	06/08/22 14:09	1
2-Nitrophenol	<0.37		0.37	0.088	mg/Kg	✳	06/06/22 14:06	06/08/22 14:09	1
3 & 4 Methylphenol	<0.19		0.19	0.062	mg/Kg	✳	06/06/22 14:06	06/08/22 14:09	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.052	mg/Kg	✳	06/06/22 14:06	06/08/22 14:09	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	✳	06/06/22 14:06	06/08/22 14:09	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.30	mg/Kg	✳	06/06/22 14:06	06/08/22 14:09	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	✳	06/06/22 14:06	06/08/22 14:09	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	✳	06/06/22 14:06	06/08/22 14:09	1
4-Chloroaniline	<0.75		0.75	0.18	mg/Kg	✳	06/06/22 14:06	06/08/22 14:09	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	✳	06/06/22 14:06	06/08/22 14:09	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	✳	06/06/22 14:06	06/08/22 14:09	1
4-Nitrophenol	<0.75		0.75	0.36	mg/Kg	✳	06/06/22 14:06	06/08/22 14:09	1
Acenaphthene	<0.037		0.037	0.0067	mg/Kg	✳	06/06/22 14:06	06/08/22 14:09	1
Acenaphthylene	<0.037		0.037	0.0049	mg/Kg	✳	06/06/22 14:06	06/08/22 14:09	1
Anthracene	<0.037		0.037	0.0062	mg/Kg	✳	06/06/22 14:06	06/08/22 14:09	1
<b>Benzo[a]anthracene</b>	<b>0.0079</b>	<b>J</b>	0.037	0.0050	mg/Kg	✳	06/06/22 14:06	06/08/22 14:09	1
<b>Benzo[a]pyrene</b>	<b>0.016</b>	<b>J *3</b>	0.037	0.0072	mg/Kg	✳	06/06/22 14:06	06/08/22 14:09	1
<b>Benzo[b]fluoranthene</b>	<b>0.030</b>	<b>J *3</b>	0.037	0.0081	mg/Kg	✳	06/06/22 14:06	06/08/22 14:09	1
Benzo[g,h,i]perylene	<0.037	*3	0.037	0.012	mg/Kg	✳	06/06/22 14:06	06/08/22 14:09	1
Benzo[k]fluoranthene	<0.037	*3	0.037	0.011	mg/Kg	✳	06/06/22 14:06	06/08/22 14:09	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	✳	06/06/22 14:06	06/08/22 14:09	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	✳	06/06/22 14:06	06/08/22 14:09	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.068	mg/Kg	✳	06/06/22 14:06	06/08/22 14:09	1
Butyl benzyl phthalate	<0.19		0.19	0.071	mg/Kg	✳	06/06/22 14:06	06/08/22 14:09	1
Carbazole	<0.19		0.19	0.093	mg/Kg	✳	06/06/22 14:06	06/08/22 14:09	1
<b>Chrysene</b>	<b>0.013</b>	<b>J</b>	0.037	0.010	mg/Kg	✳	06/06/22 14:06	06/08/22 14:09	1
Dibenz(a,h)anthracene	<0.037	*3	0.037	0.0072	mg/Kg	✳	06/06/22 14:06	06/08/22 14:09	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	✳	06/06/22 14:06	06/08/22 14:09	1
Diethyl phthalate	<0.19		0.19	0.063	mg/Kg	✳	06/06/22 14:06	06/08/22 14:09	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	✳	06/06/22 14:06	06/08/22 14:09	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	✳	06/06/22 14:06	06/08/22 14:09	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	✳	06/06/22 14:06	06/08/22 14:09	1
<b>Fluoranthene</b>	<b>0.024</b>	<b>J</b>	0.037	0.0069	mg/Kg	✳	06/06/22 14:06	06/08/22 14:09	1
Fluorene	<0.037		0.037	0.0053	mg/Kg	✳	06/06/22 14:06	06/08/22 14:09	1
Hexachlorobenzene	<0.075		0.075	0.0087	mg/Kg	✳	06/06/22 14:06	06/08/22 14:09	1
Hexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	✳	06/06/22 14:06	06/08/22 14:09	1
Hexachlorocyclopentadiene	<0.75		0.75	0.22	mg/Kg	✳	06/06/22 14:06	06/08/22 14:09	1
Hexachloroethane	<0.19		0.19	0.057	mg/Kg	✳	06/06/22 14:06	06/08/22 14:09	1

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# Client Sample Results

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

Job ID: 500-217164-1

Client Sample ID: ROW-105(4-9)-052422

Lab Sample ID: 500-217164-7

Date Collected: 05/24/22 22:05

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 84.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.011	J*3	0.037	0.0097	mg/Kg	☼	06/06/22 14:06	06/08/22 14:09	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	06/06/22 14:06	06/08/22 14:09	1
Naphthalene	<0.037		0.037	0.0058	mg/Kg	☼	06/06/22 14:06	06/08/22 14:09	1
Nitrobenzene	<0.037		0.037	0.0093	mg/Kg	☼	06/06/22 14:06	06/08/22 14:09	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.046	mg/Kg	☼	06/06/22 14:06	06/08/22 14:09	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☼	06/06/22 14:06	06/08/22 14:09	1
Pentachlorophenol	<0.75		0.75	0.60	mg/Kg	☼	06/06/22 14:06	06/08/22 14:09	1
Phenanthrene	0.0075	J	0.037	0.0052	mg/Kg	☼	06/06/22 14:06	06/08/22 14:09	1
Phenol	<0.19		0.19	0.083	mg/Kg	☼	06/06/22 14:06	06/08/22 14:09	1
Pyrene	0.018	J	0.037	0.0074	mg/Kg	☼	06/06/22 14:06	06/08/22 14:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	63		31 - 143				06/06/22 14:06	06/08/22 14:09	1
2-Fluorobiphenyl (Surr)	76		43 - 145				06/06/22 14:06	06/08/22 14:09	1
2-Fluorophenol (Surr)	89		31 - 166				06/06/22 14:06	06/08/22 14:09	1
Nitrobenzene-d5 (Surr)	64		37 - 147				06/06/22 14:06	06/08/22 14:09	1
Phenol-d5 (Surr)	88		30 - 153				06/06/22 14:06	06/08/22 14:09	1
Terphenyl-d14 (Surr)	155		42 - 157				06/06/22 14:06	06/08/22 14:09	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/22 07:54	06/03/22 20:38	1
Barium	0.85		0.50	0.050	mg/L		06/03/22 07:54	06/03/22 20:38	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/22 07:54	06/03/22 20:38	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/22 07:54	06/03/22 20:38	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 20:38	1
Cobalt	0.024	J	0.025	0.010	mg/L		06/03/22 07:54	06/03/22 20:38	1
Copper	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 20:38	1
Iron	<0.40		0.40	0.20	mg/L		06/03/22 07:54	06/03/22 20:38	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/22 07:54	06/03/22 20:38	1
Manganese	9.8		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 20:38	1
Nickel	0.029		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 20:38	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/22 07:54	06/03/22 20:38	1
Silver	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 20:38	1
Zinc	0.21	J	0.50	0.020	mg/L		06/03/22 07:54	06/03/22 20:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.063		0.050	0.010	mg/L		06/03/22 07:58	06/03/22 16:36	1
Barium	0.49	J	0.50	0.050	mg/L		06/03/22 07:58	06/03/22 16:36	1
Beryllium	0.0049		0.0040	0.0040	mg/L		06/03/22 07:58	06/03/22 16:36	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/22 07:58	06/03/22 16:36	1
Chromium	0.10		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:36	1
Cobalt	0.044		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:36	1
Copper	0.14		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:36	1
Iron	120		0.40	0.20	mg/L		06/03/22 07:58	06/03/22 16:36	1
Lead	0.057		0.0075	0.0075	mg/L		06/03/22 07:58	06/03/22 16:36	1
Manganese	1.1		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:36	1
Nickel	0.12		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:36	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/22 07:58	06/03/22 16:36	1

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# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-105(4-9)-052422**

**Lab Sample ID: 500-217164-7**

Date Collected: 05/24/22 22:05

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 84.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:36	1
<b>Zinc</b>	<b>0.53</b>		0.50	0.020	mg/L		06/03/22 07:58	06/03/22 16:36	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>9200</b>		11	4.6	mg/Kg	☆	06/02/22 09:47	06/03/22 13:51	1
<b>Antimony</b>	<b>0.65</b>	<b>J</b>	1.1	0.22	mg/Kg	☆	06/02/22 09:47	06/03/22 13:51	1
<b>Arsenic</b>	<b>12</b>		0.56	0.19	mg/Kg	☆	06/02/22 09:47	06/03/22 13:51	1
<b>Barium</b>	<b>70</b>		0.56	0.063	mg/Kg	☆	06/02/22 09:47	06/03/22 13:51	1
<b>Beryllium</b>	<b>0.73</b>		0.22	0.052	mg/Kg	☆	06/02/22 09:47	06/03/22 13:51	1
Cadmium	<0.11		0.11	0.020	mg/Kg	☆	06/02/22 09:47	06/03/22 13:51	1
<b>Calcium</b>	<b>44000</b>		56	9.4	mg/Kg	☆	06/02/22 09:47	06/06/22 11:04	5
<b>Chromium</b>	<b>14</b>		0.56	0.28	mg/Kg	☆	06/02/22 09:47	06/03/22 13:51	1
<b>Cobalt</b>	<b>11</b>		0.28	0.073	mg/Kg	☆	06/02/22 09:47	06/03/22 13:51	1
<b>Copper</b>	<b>22</b>	<b>B</b>	0.56	0.16	mg/Kg	☆	06/02/22 09:47	06/03/22 13:51	1
<b>Iron</b>	<b>24000</b>		11	5.8	mg/Kg	☆	06/02/22 09:47	06/03/22 13:51	1
<b>Lead</b>	<b>13</b>		0.28	0.13	mg/Kg	☆	06/02/22 09:47	06/03/22 13:51	1
<b>Magnesium</b>	<b>20000</b>		5.6	2.8	mg/Kg	☆	06/02/22 09:47	06/03/22 13:51	1
<b>Manganese</b>	<b>560</b>		0.56	0.081	mg/Kg	☆	06/02/22 09:47	06/03/22 13:51	1
<b>Nickel</b>	<b>28</b>		0.56	0.16	mg/Kg	☆	06/02/22 09:47	06/03/22 13:51	1
<b>Potassium</b>	<b>1200</b>		28	9.9	mg/Kg	☆	06/02/22 09:47	06/03/22 13:51	1
Selenium	<0.56		0.56	0.33	mg/Kg	☆	06/02/22 09:47	06/03/22 13:51	1
<b>Silver</b>	<b>0.34</b>		0.28	0.072	mg/Kg	☆	06/02/22 09:47	06/03/22 13:51	1
<b>Sodium</b>	<b>880</b>		56	8.2	mg/Kg	☆	06/02/22 09:47	06/03/22 13:51	1
Thallium	<0.56		0.56	0.28	mg/Kg	☆	06/02/22 09:47	06/03/22 13:51	1
<b>Vanadium</b>	<b>21</b>		0.28	0.066	mg/Kg	☆	06/02/22 09:47	06/03/22 13:51	1
<b>Zinc</b>	<b>88</b>		1.1	0.49	mg/Kg	☆	06/02/22 09:47	06/03/22 13:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/02/22 15:10	06/03/22 09:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/02/22 15:10	06/03/22 11:41	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.029</b>		0.018	0.0060	mg/Kg	☆	05/31/22 16:00	06/01/22 07:43	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>7.9</b>		0.2	0.2	SU			05/27/22 13:39	1

# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-106(0-4)-052422**

**Lab Sample ID: 500-217164-8**

**Date Collected: 05/24/22 22:10**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 81.7**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>0.012</b>	<b>J</b>	0.019	0.0082	mg/Kg	☼	05/26/22 17:29	06/01/22 13:23	1
Benzene	<0.0019		0.0019	0.00048	mg/Kg	☼	05/26/22 17:29	06/01/22 13:23	1
Bromodichloromethane	<0.0019		0.0019	0.00038	mg/Kg	☼	05/26/22 17:29	06/01/22 13:23	1
Bromoform	<0.0019		0.0019	0.00055	mg/Kg	☼	05/26/22 17:29	06/01/22 13:23	1
Bromomethane	<0.0047		0.0047	0.0018	mg/Kg	☼	05/26/22 17:29	06/01/22 13:23	1
Carbon disulfide	<0.0047		0.0047	0.00098	mg/Kg	☼	05/26/22 17:29	06/01/22 13:23	1
Carbon tetrachloride	<0.0019		0.0019	0.00055	mg/Kg	☼	05/26/22 17:29	06/01/22 13:23	1
Chlorobenzene	<0.0019		0.0019	0.00069	mg/Kg	☼	05/26/22 17:29	06/01/22 13:23	1
Chloroethane	<0.0047		0.0047	0.0014	mg/Kg	☼	05/26/22 17:29	06/01/22 13:23	1
Chloroform	<0.0019		0.0019	0.00065	mg/Kg	☼	05/26/22 17:29	06/01/22 13:23	1
Chloromethane	<0.0047		0.0047	0.0019	mg/Kg	☼	05/26/22 17:29	06/01/22 13:23	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00053	mg/Kg	☼	05/26/22 17:29	06/01/22 13:23	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00057	mg/Kg	☼	05/26/22 17:29	06/01/22 13:23	1
Dibromochloromethane	<0.0019		0.0019	0.00061	mg/Kg	☼	05/26/22 17:29	06/01/22 13:23	1
1,1-Dichloroethane	<0.0019		0.0019	0.00064	mg/Kg	☼	05/26/22 17:29	06/01/22 13:23	1
1,2-Dichloroethane	<0.0047		0.0047	0.0015	mg/Kg	☼	05/26/22 17:29	06/01/22 13:23	1
1,1-Dichloroethene	<0.0019		0.0019	0.00065	mg/Kg	☼	05/26/22 17:29	06/01/22 13:23	1
1,2-Dichloropropane	<0.0019		0.0019	0.00049	mg/Kg	☼	05/26/22 17:29	06/01/22 13:23	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00066	mg/Kg	☼	05/26/22 17:29	06/01/22 13:23	1
Ethylbenzene	<0.0019		0.0019	0.00090	mg/Kg	☼	05/26/22 17:29	06/01/22 13:23	1
2-Hexanone	<0.0047		0.0047	0.0015	mg/Kg	☼	05/26/22 17:29	06/01/22 13:23	1
Methylene Chloride	<0.0047		0.0047	0.0019	mg/Kg	☼	05/26/22 17:29	06/01/22 13:23	1
Methyl Ethyl Ketone	<0.0047		0.0047	0.0021	mg/Kg	☼	05/26/22 17:29	06/01/22 13:23	1
methyl isobutyl ketone	<0.0047		0.0047	0.0014	mg/Kg	☼	05/26/22 17:29	06/01/22 13:23	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00055	mg/Kg	☼	05/26/22 17:29	06/01/22 13:23	1
Styrene	<0.0019		0.0019	0.00057	mg/Kg	☼	05/26/22 17:29	06/01/22 13:23	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00060	mg/Kg	☼	05/26/22 17:29	06/01/22 13:23	1
Tetrachloroethene	<0.0019		0.0019	0.00064	mg/Kg	☼	05/26/22 17:29	06/01/22 13:23	1
Toluene	<0.0019		0.0019	0.00047	mg/Kg	☼	05/26/22 17:29	06/01/22 13:23	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00083	mg/Kg	☼	05/26/22 17:29	06/01/22 13:23	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00066	mg/Kg	☼	05/26/22 17:29	06/01/22 13:23	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00063	mg/Kg	☼	05/26/22 17:29	06/01/22 13:23	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00081	mg/Kg	☼	05/26/22 17:29	06/01/22 13:23	1
<b>Trichloroethene</b>	<b>0.00067</b>	<b>J</b>	0.0019	0.00064	mg/Kg	☼	05/26/22 17:29	06/01/22 13:23	1
Vinyl chloride	<0.0019		0.0019	0.00083	mg/Kg	☼	05/26/22 17:29	06/01/22 13:23	1
Xylenes, Total	<0.0038		0.0038	0.00060	mg/Kg	☼	05/26/22 17:29	06/01/22 13:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		75 - 131	05/26/22 17:29	06/01/22 13:23	1
Dibromofluoromethane (Surr)	111		75 - 126	05/26/22 17:29	06/01/22 13:23	1
1,2-Dichloroethane-d4 (Surr)	126		70 - 134	05/26/22 17:29	06/01/22 13:23	1
Toluene-d8 (Surr)	96		75 - 124	05/26/22 17:29	06/01/22 13:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.042	mg/Kg	☼	06/06/22 14:06	06/07/22 17:18	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	06/06/22 14:06	06/07/22 17:18	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	06/06/22 14:06	06/07/22 17:18	1
1,4-Dichlorobenzene	<0.20		0.20	0.050	mg/Kg	☼	06/06/22 14:06	06/07/22 17:18	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.045	mg/Kg	☼	06/06/22 14:06	06/07/22 17:18	1

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# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-106(0-4)-052422**

**Lab Sample ID: 500-217164-8**

**Date Collected: 05/24/22 22:10**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 81.7**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.089	mg/Kg	☆	06/06/22 14:06	06/07/22 17:18	1
2,4,6-Trichlorophenol	<0.39		0.39	0.13	mg/Kg	☆	06/06/22 14:06	06/07/22 17:18	1
2,4-Dichlorophenol	<0.39		0.39	0.093	mg/Kg	☆	06/06/22 14:06	06/07/22 17:18	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	☆	06/06/22 14:06	06/07/22 17:18	1
2,4-Dinitrophenol	<0.79		0.79	0.69	mg/Kg	☆	06/06/22 14:06	06/07/22 17:18	1
2,4-Dinitrotoluene	<0.20		0.20	0.062	mg/Kg	☆	06/06/22 14:06	06/07/22 17:18	1
2,6-Dinitrotoluene	<0.20		0.20	0.077	mg/Kg	☆	06/06/22 14:06	06/07/22 17:18	1
2-Chloronaphthalene	<0.20		0.20	0.043	mg/Kg	☆	06/06/22 14:06	06/07/22 17:18	1
2-Chlorophenol	<0.20		0.20	0.067	mg/Kg	☆	06/06/22 14:06	06/07/22 17:18	1
2-Methylnaphthalene	<0.079		0.079	0.0072	mg/Kg	☆	06/06/22 14:06	06/07/22 17:18	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	☆	06/06/22 14:06	06/07/22 17:18	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	☆	06/06/22 14:06	06/07/22 17:18	1
2-Nitrophenol	<0.39		0.39	0.093	mg/Kg	☆	06/06/22 14:06	06/07/22 17:18	1
3 & 4 Methylphenol	<0.20		0.20	0.065	mg/Kg	☆	06/06/22 14:06	06/07/22 17:18	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	☆	06/06/22 14:06	06/07/22 17:18	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☆	06/06/22 14:06	06/07/22 17:18	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.31	mg/Kg	☆	06/06/22 14:06	06/07/22 17:18	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☆	06/06/22 14:06	06/07/22 17:18	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	☆	06/06/22 14:06	06/07/22 17:18	1
4-Chloroaniline	<0.79		0.79	0.18	mg/Kg	☆	06/06/22 14:06	06/07/22 17:18	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	☆	06/06/22 14:06	06/07/22 17:18	1
4-Nitroaniline	<0.39		0.39	0.16	mg/Kg	☆	06/06/22 14:06	06/07/22 17:18	1
4-Nitrophenol	<0.79		0.79	0.37	mg/Kg	☆	06/06/22 14:06	06/07/22 17:18	1
Acenaphthene	<0.039		0.039	0.0070	mg/Kg	☆	06/06/22 14:06	06/07/22 17:18	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	☆	06/06/22 14:06	06/07/22 17:18	1
Anthracene	<0.039		0.039	0.0065	mg/Kg	☆	06/06/22 14:06	06/07/22 17:18	1
Benzo[a]anthracene	<0.039		0.039	0.0053	mg/Kg	☆	06/06/22 14:06	06/07/22 17:18	1
Benzo[a]pyrene	<0.039		0.039	0.0076	mg/Kg	☆	06/06/22 14:06	06/07/22 17:18	1
Benzo[b]fluoranthene	<0.039		0.039	0.0085	mg/Kg	☆	06/06/22 14:06	06/07/22 17:18	1
Benzo[g,h,i]perylene	<0.039		0.039	0.013	mg/Kg	☆	06/06/22 14:06	06/07/22 17:18	1
Benzo[k]fluoranthene	<0.039		0.039	0.012	mg/Kg	☆	06/06/22 14:06	06/07/22 17:18	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	☆	06/06/22 14:06	06/07/22 17:18	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	☆	06/06/22 14:06	06/07/22 17:18	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	☆	06/06/22 14:06	06/07/22 17:18	1
Butyl benzyl phthalate	<0.20		0.20	0.075	mg/Kg	☆	06/06/22 14:06	06/07/22 17:18	1
Carbazole	<0.20		0.20	0.098	mg/Kg	☆	06/06/22 14:06	06/07/22 17:18	1
Chrysene	<0.039		0.039	0.011	mg/Kg	☆	06/06/22 14:06	06/07/22 17:18	1
Dibenz(a,h)anthracene	<0.039		0.039	0.0076	mg/Kg	☆	06/06/22 14:06	06/07/22 17:18	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	☆	06/06/22 14:06	06/07/22 17:18	1
Diethyl phthalate	<0.20		0.20	0.066	mg/Kg	☆	06/06/22 14:06	06/07/22 17:18	1
Dimethyl phthalate	<0.20		0.20	0.051	mg/Kg	☆	06/06/22 14:06	06/07/22 17:18	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	☆	06/06/22 14:06	06/07/22 17:18	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	☆	06/06/22 14:06	06/07/22 17:18	1
Fluoranthene	<0.039		0.039	0.0073	mg/Kg	☆	06/06/22 14:06	06/07/22 17:18	1
Fluorene	<0.039		0.039	0.0055	mg/Kg	☆	06/06/22 14:06	06/07/22 17:18	1
Hexachlorobenzene	<0.079		0.079	0.0091	mg/Kg	☆	06/06/22 14:06	06/07/22 17:18	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	☆	06/06/22 14:06	06/07/22 17:18	1
Hexachlorocyclopentadiene	<0.79		0.79	0.23	mg/Kg	☆	06/06/22 14:06	06/07/22 17:18	1
Hexachloroethane	<0.20		0.20	0.060	mg/Kg	☆	06/06/22 14:06	06/07/22 17:18	1

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# Client Sample Results

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

Job ID: 500-217164-1

Client Sample ID: ROW-106(0-4)-052422

Lab Sample ID: 500-217164-8

Date Collected: 05/24/22 22:10

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 81.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.039		0.039	0.010	mg/Kg	☼	06/06/22 14:06	06/07/22 17:18	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	06/06/22 14:06	06/07/22 17:18	1
Naphthalene	<0.039		0.039	0.0060	mg/Kg	☼	06/06/22 14:06	06/07/22 17:18	1
Nitrobenzene	<0.039		0.039	0.0098	mg/Kg	☼	06/06/22 14:06	06/07/22 17:18	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.048	mg/Kg	☼	06/06/22 14:06	06/07/22 17:18	1
N-Nitrosodiphenylamine	<0.20		0.20	0.046	mg/Kg	☼	06/06/22 14:06	06/07/22 17:18	1
Pentachlorophenol	<0.79		0.79	0.63	mg/Kg	☼	06/06/22 14:06	06/07/22 17:18	1
Phenanthrene	<0.039		0.039	0.0055	mg/Kg	☼	06/06/22 14:06	06/07/22 17:18	1
Phenol	<0.20		0.20	0.087	mg/Kg	☼	06/06/22 14:06	06/07/22 17:18	1
Pyrene	<0.039		0.039	0.0078	mg/Kg	☼	06/06/22 14:06	06/07/22 17:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	111		31 - 143				06/06/22 14:06	06/07/22 17:18	1
2-Fluorobiphenyl (Surr)	74		43 - 145				06/06/22 14:06	06/07/22 17:18	1
2-Fluorophenol (Surr)	84		31 - 166				06/06/22 14:06	06/07/22 17:18	1
Nitrobenzene-d5 (Surr)	58		37 - 147				06/06/22 14:06	06/07/22 17:18	1
Phenol-d5 (Surr)	69		30 - 153				06/06/22 14:06	06/07/22 17:18	1
Terphenyl-d14 (Surr)	99		42 - 157				06/06/22 14:06	06/07/22 17:18	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/22 07:54	06/03/22 20:42	1
Barium	0.99		0.50	0.050	mg/L		06/03/22 07:54	06/03/22 20:42	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/22 07:54	06/03/22 20:42	1
Cadmium	0.0026	J	0.0050	0.0020	mg/L		06/03/22 07:54	06/03/22 20:42	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 20:42	1
Cobalt	0.030		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 20:42	1
Copper	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 20:42	1
Iron	0.36	J	0.40	0.20	mg/L		06/03/22 07:54	06/03/22 20:42	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/22 07:54	06/03/22 20:42	1
Manganese	11		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 20:42	1
Nickel	0.054		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 20:42	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/22 07:54	06/03/22 20:42	1
Silver	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 20:42	1
Zinc	<0.50		0.50	0.020	mg/L		06/03/22 07:54	06/03/22 20:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.036	J	0.050	0.010	mg/L		06/03/22 07:58	06/03/22 16:39	1
Barium	0.79		0.50	0.050	mg/L		06/03/22 07:58	06/03/22 16:39	1
Beryllium	0.0054		0.0040	0.0040	mg/L		06/03/22 07:58	06/03/22 16:39	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/22 07:58	06/03/22 16:39	1
Chromium	0.13		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:39	1
Cobalt	0.045		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:39	1
Copper	0.12		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:39	1
Iron	120		0.40	0.20	mg/L		06/03/22 07:58	06/03/22 16:39	1
Lead	0.043		0.0075	0.0075	mg/L		06/03/22 07:58	06/03/22 16:39	1
Manganese	1.5		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:39	1
Nickel	0.14		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:39	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/22 07:58	06/03/22 16:39	1

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# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-106(0-4)-052422**

**Lab Sample ID: 500-217164-8**

Date Collected: 05/24/22 22:10

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 81.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:39	1
<b>Zinc</b>	<b>0.34</b>	<b>J</b>	0.50	0.020	mg/L		06/03/22 07:58	06/03/22 16:39	1

## Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>10000</b>		12	4.7	mg/Kg	☆	06/02/22 09:47	06/03/22 13:54	1
<b>Antimony</b>	<b>0.45</b>	<b>J</b>	1.2	0.22	mg/Kg	☆	06/02/22 09:47	06/03/22 13:54	1
<b>Arsenic</b>	<b>8.0</b>		0.58	0.20	mg/Kg	☆	06/02/22 09:47	06/03/22 13:54	1
<b>Barium</b>	<b>80</b>		0.58	0.066	mg/Kg	☆	06/02/22 09:47	06/03/22 13:54	1
<b>Beryllium</b>	<b>0.74</b>		0.23	0.054	mg/Kg	☆	06/02/22 09:47	06/03/22 13:54	1
Cadmium	<0.12		0.12	0.021	mg/Kg	☆	06/02/22 09:47	06/03/22 13:54	1
<b>Calcium</b>	<b>65000</b>		58	9.8	mg/Kg	☆	06/02/22 09:47	06/06/22 11:13	5
<b>Chromium</b>	<b>13</b>		0.58	0.29	mg/Kg	☆	06/02/22 09:47	06/03/22 13:54	1
<b>Cobalt</b>	<b>14</b>		0.29	0.076	mg/Kg	☆	06/02/22 09:47	06/03/22 13:54	1
<b>Copper</b>	<b>21</b>	<b>B</b>	0.58	0.16	mg/Kg	☆	06/02/22 09:47	06/03/22 13:54	1
<b>Iron</b>	<b>18000</b>		12	6.0	mg/Kg	☆	06/02/22 09:47	06/03/22 13:54	1
<b>Lead</b>	<b>14</b>		0.29	0.13	mg/Kg	☆	06/02/22 09:47	06/03/22 13:54	1
<b>Magnesium</b>	<b>28000</b>		5.8	2.9	mg/Kg	☆	06/02/22 09:47	06/03/22 13:54	1
<b>Manganese</b>	<b>630</b>		0.58	0.084	mg/Kg	☆	06/02/22 09:47	06/03/22 13:54	1
<b>Nickel</b>	<b>32</b>		0.58	0.17	mg/Kg	☆	06/02/22 09:47	06/03/22 13:54	1
<b>Potassium</b>	<b>1200</b>		29	10	mg/Kg	☆	06/02/22 09:47	06/03/22 13:54	1
Selenium	<0.58		0.58	0.34	mg/Kg	☆	06/02/22 09:47	06/03/22 13:54	1
<b>Silver</b>	<b>0.27</b>	<b>J</b>	0.29	0.074	mg/Kg	☆	06/02/22 09:47	06/03/22 13:54	1
<b>Sodium</b>	<b>1500</b>		58	8.5	mg/Kg	☆	06/02/22 09:47	06/03/22 13:54	1
Thallium	<0.58		0.58	0.29	mg/Kg	☆	06/02/22 09:47	06/03/22 13:54	1
<b>Vanadium</b>	<b>22</b>		0.29	0.068	mg/Kg	☆	06/02/22 09:47	06/03/22 13:54	1
<b>Zinc</b>	<b>53</b>		1.2	0.51	mg/Kg	☆	06/02/22 09:47	06/03/22 13:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/02/22 15:10	06/03/22 09:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/02/22 15:10	06/03/22 11:43	1

## Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.052</b>		0.018	0.0061	mg/Kg	☆	05/31/22 16:00	06/01/22 07:45	1

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.0</b>		0.2	0.2	SU			05/27/22 13:39	1

# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-106(4-9)-052422**

**Lab Sample ID: 500-217164-9**

**Date Collected: 05/24/22 22:15**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 85.0**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015		0.015	0.0067	mg/Kg	☼	05/26/22 17:29	06/01/22 13:49	1
Benzene	<0.0015		0.0015	0.00039	mg/Kg	☼	05/26/22 17:29	06/01/22 13:49	1
Bromodichloromethane	<0.0015		0.0015	0.00031	mg/Kg	☼	05/26/22 17:29	06/01/22 13:49	1
Bromoform	<0.0015		0.0015	0.00045	mg/Kg	☼	05/26/22 17:29	06/01/22 13:49	1
Bromomethane	<0.0038		0.0038	0.0015	mg/Kg	☼	05/26/22 17:29	06/01/22 13:49	1
Carbon disulfide	<0.0038		0.0038	0.00080	mg/Kg	☼	05/26/22 17:29	06/01/22 13:49	1
Carbon tetrachloride	<0.0015		0.0015	0.00045	mg/Kg	☼	05/26/22 17:29	06/01/22 13:49	1
Chlorobenzene	<0.0015		0.0015	0.00057	mg/Kg	☼	05/26/22 17:29	06/01/22 13:49	1
Chloroethane	<0.0038		0.0038	0.0011	mg/Kg	☼	05/26/22 17:29	06/01/22 13:49	1
Chloroform	<0.0015		0.0015	0.00053	mg/Kg	☼	05/26/22 17:29	06/01/22 13:49	1
Chloromethane	<0.0038		0.0038	0.0015	mg/Kg	☼	05/26/22 17:29	06/01/22 13:49	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00043	mg/Kg	☼	05/26/22 17:29	06/01/22 13:49	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00046	mg/Kg	☼	05/26/22 17:29	06/01/22 13:49	1
Dibromochloromethane	<0.0015		0.0015	0.00050	mg/Kg	☼	05/26/22 17:29	06/01/22 13:49	1
1,1-Dichloroethane	<0.0015		0.0015	0.00053	mg/Kg	☼	05/26/22 17:29	06/01/22 13:49	1
1,2-Dichloroethane	<0.0038		0.0038	0.0012	mg/Kg	☼	05/26/22 17:29	06/01/22 13:49	1
1,1-Dichloroethene	<0.0015		0.0015	0.00053	mg/Kg	☼	05/26/22 17:29	06/01/22 13:49	1
1,2-Dichloropropane	<0.0015		0.0015	0.00040	mg/Kg	☼	05/26/22 17:29	06/01/22 13:49	1
1,3-Dichloropropene, Total	<0.0015		0.0015	0.00054	mg/Kg	☼	05/26/22 17:29	06/01/22 13:49	1
Ethylbenzene	<0.0015		0.0015	0.00074	mg/Kg	☼	05/26/22 17:29	06/01/22 13:49	1
2-Hexanone	<0.0038		0.0038	0.0012	mg/Kg	☼	05/26/22 17:29	06/01/22 13:49	1
Methylene Chloride	<0.0038		0.0038	0.0015	mg/Kg	☼	05/26/22 17:29	06/01/22 13:49	1
Methyl Ethyl Ketone	<0.0038		0.0038	0.0017	mg/Kg	☼	05/26/22 17:29	06/01/22 13:49	1
methyl isobutyl ketone	<0.0038		0.0038	0.0011	mg/Kg	☼	05/26/22 17:29	06/01/22 13:49	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00045	mg/Kg	☼	05/26/22 17:29	06/01/22 13:49	1
Styrene	<0.0015		0.0015	0.00046	mg/Kg	☼	05/26/22 17:29	06/01/22 13:49	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00049	mg/Kg	☼	05/26/22 17:29	06/01/22 13:49	1
Tetrachloroethene	<0.0015		0.0015	0.00052	mg/Kg	☼	05/26/22 17:29	06/01/22 13:49	1
Toluene	<0.0015		0.0015	0.00039	mg/Kg	☼	05/26/22 17:29	06/01/22 13:49	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00068	mg/Kg	☼	05/26/22 17:29	06/01/22 13:49	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00054	mg/Kg	☼	05/26/22 17:29	06/01/22 13:49	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00052	mg/Kg	☼	05/26/22 17:29	06/01/22 13:49	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00066	mg/Kg	☼	05/26/22 17:29	06/01/22 13:49	1
Trichloroethene	<0.0015		0.0015	0.00052	mg/Kg	☼	05/26/22 17:29	06/01/22 13:49	1
Vinyl chloride	<0.0015		0.0015	0.00068	mg/Kg	☼	05/26/22 17:29	06/01/22 13:49	1
Xylenes, Total	<0.0031		0.0031	0.00049	mg/Kg	☼	05/26/22 17:29	06/01/22 13:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		75 - 131	05/26/22 17:29	06/01/22 13:49	1
Dibromofluoromethane (Surr)	110		75 - 126	05/26/22 17:29	06/01/22 13:49	1
1,2-Dichloroethane-d4 (Surr)	119		70 - 134	05/26/22 17:29	06/01/22 13:49	1
Toluene-d8 (Surr)	99		75 - 124	05/26/22 17:29	06/01/22 13:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	☼	06/06/22 14:06	06/09/22 21:00	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	☼	06/06/22 14:06	06/09/22 21:00	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	☼	06/06/22 14:06	06/09/22 21:00	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	☼	06/06/22 14:06	06/09/22 21:00	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.045	mg/Kg	☼	06/06/22 14:06	06/09/22 21:00	1

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# Client Sample Results

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

Job ID: 500-217164-1

Client Sample ID: ROW-106(4-9)-052422

Lab Sample ID: 500-217164-9

Date Collected: 05/24/22 22:15

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 85.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.088	mg/Kg	✳	06/06/22 14:06	06/09/22 21:00	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	✳	06/06/22 14:06	06/09/22 21:00	1
2,4-Dichlorophenol	<0.38		0.38	0.091	mg/Kg	✳	06/06/22 14:06	06/09/22 21:00	1
2,4-Dimethylphenol	<0.38		0.38	0.15	mg/Kg	✳	06/06/22 14:06	06/09/22 21:00	1
2,4-Dinitrophenol	<0.77		0.77	0.68	mg/Kg	✳	06/06/22 14:06	06/09/22 21:00	1
2,4-Dinitrotoluene	<0.19		0.19	0.061	mg/Kg	✳	06/06/22 14:06	06/09/22 21:00	1
2,6-Dinitrotoluene	<0.19		0.19	0.076	mg/Kg	✳	06/06/22 14:06	06/09/22 21:00	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	✳	06/06/22 14:06	06/09/22 21:00	1
2-Chlorophenol	<0.19		0.19	0.066	mg/Kg	✳	06/06/22 14:06	06/09/22 21:00	1
2-Methylnaphthalene	<0.077		0.077	0.0071	mg/Kg	✳	06/06/22 14:06	06/09/22 21:00	1
2-Methylphenol	<0.19		0.19	0.062	mg/Kg	✳	06/06/22 14:06	06/09/22 21:00	1
2-Nitroaniline	<0.19		0.19	0.052	mg/Kg	✳	06/06/22 14:06	06/09/22 21:00	1
2-Nitrophenol	<0.38		0.38	0.091	mg/Kg	✳	06/06/22 14:06	06/09/22 21:00	1
3 & 4 Methylphenol	<0.19		0.19	0.064	mg/Kg	✳	06/06/22 14:06	06/09/22 21:00	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.054	mg/Kg	✳	06/06/22 14:06	06/09/22 21:00	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	✳	06/06/22 14:06	06/09/22 21:00	1
4,6-Dinitro-2-methylphenol	<0.77		0.77	0.31	mg/Kg	✳	06/06/22 14:06	06/09/22 21:00	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.051	mg/Kg	✳	06/06/22 14:06	06/09/22 21:00	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	✳	06/06/22 14:06	06/09/22 21:00	1
4-Chloroaniline	<0.77		0.77	0.18	mg/Kg	✳	06/06/22 14:06	06/09/22 21:00	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	✳	06/06/22 14:06	06/09/22 21:00	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	✳	06/06/22 14:06	06/09/22 21:00	1
4-Nitrophenol	<0.77		0.77	0.37	mg/Kg	✳	06/06/22 14:06	06/09/22 21:00	1
Acenaphthene	<0.038		0.038	0.0069	mg/Kg	✳	06/06/22 14:06	06/09/22 21:00	1
Acenaphthylene	<0.038		0.038	0.0051	mg/Kg	✳	06/06/22 14:06	06/09/22 21:00	1
Anthracene	<0.038		0.038	0.0064	mg/Kg	✳	06/06/22 14:06	06/09/22 21:00	1
Benzo[a]anthracene	<0.038		0.038	0.0052	mg/Kg	✳	06/06/22 14:06	06/09/22 21:00	1
Benzo[a]pyrene	<0.038	*3	0.038	0.0074	mg/Kg	✳	06/06/22 14:06	06/09/22 21:00	1
Benzo[b]fluoranthene	<0.038	*3	0.038	0.0083	mg/Kg	✳	06/06/22 14:06	06/09/22 21:00	1
Benzo[g,h,i]perylene	<0.038	*3	0.038	0.012	mg/Kg	✳	06/06/22 14:06	06/09/22 21:00	1
Benzo[k]fluoranthene	<0.038	*3	0.038	0.011	mg/Kg	✳	06/06/22 14:06	06/09/22 21:00	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	✳	06/06/22 14:06	06/09/22 21:00	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.058	mg/Kg	✳	06/06/22 14:06	06/09/22 21:00	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.070	mg/Kg	✳	06/06/22 14:06	06/09/22 21:00	1
Butyl benzyl phthalate	<0.19		0.19	0.073	mg/Kg	✳	06/06/22 14:06	06/09/22 21:00	1
Carbazole	<0.19		0.19	0.096	mg/Kg	✳	06/06/22 14:06	06/09/22 21:00	1
Chrysene	<0.038		0.038	0.010	mg/Kg	✳	06/06/22 14:06	06/09/22 21:00	1
Dibenz(a,h)anthracene	<0.038	*3	0.038	0.0074	mg/Kg	✳	06/06/22 14:06	06/09/22 21:00	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	✳	06/06/22 14:06	06/09/22 21:00	1
Diethyl phthalate	<0.19		0.19	0.065	mg/Kg	✳	06/06/22 14:06	06/09/22 21:00	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	✳	06/06/22 14:06	06/09/22 21:00	1
Di-n-butyl phthalate	<0.19		0.19	0.059	mg/Kg	✳	06/06/22 14:06	06/09/22 21:00	1
Di-n-octyl phthalate	<0.19		0.19	0.063	mg/Kg	✳	06/06/22 14:06	06/09/22 21:00	1
Fluoranthene	<0.038		0.038	0.0071	mg/Kg	✳	06/06/22 14:06	06/09/22 21:00	1
Fluorene	<0.038		0.038	0.0054	mg/Kg	✳	06/06/22 14:06	06/09/22 21:00	1
Hexachlorobenzene	<0.077		0.077	0.0089	mg/Kg	✳	06/06/22 14:06	06/09/22 21:00	1
Hexachlorobutadiene	<0.19		0.19	0.060	mg/Kg	✳	06/06/22 14:06	06/09/22 21:00	1
Hexachlorocyclopentadiene	<0.77		0.77	0.22	mg/Kg	✳	06/06/22 14:06	06/09/22 21:00	1
Hexachloroethane	<0.19		0.19	0.058	mg/Kg	✳	06/06/22 14:06	06/09/22 21:00	1

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# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-106(4-9)-052422**

**Lab Sample ID: 500-217164-9**

**Date Collected: 05/24/22 22:15**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 85.0**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.038	*3	0.038	0.010	mg/Kg	☼	06/06/22 14:06	06/09/22 21:00	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	06/06/22 14:06	06/09/22 21:00	1
Naphthalene	<0.038		0.038	0.0059	mg/Kg	☼	06/06/22 14:06	06/09/22 21:00	1
Nitrobenzene	<0.038		0.038	0.0096	mg/Kg	☼	06/06/22 14:06	06/09/22 21:00	1
N-Nitrosodi-n-propylamine	<0.077		0.077	0.047	mg/Kg	☼	06/06/22 14:06	06/09/22 21:00	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	☼	06/06/22 14:06	06/09/22 21:00	1
Pentachlorophenol	<0.77		0.77	0.62	mg/Kg	☼	06/06/22 14:06	06/09/22 21:00	1
Phenanthrene	<0.038		0.038	0.0054	mg/Kg	☼	06/06/22 14:06	06/09/22 21:00	1
Phenol	<0.19		0.19	0.085	mg/Kg	☼	06/06/22 14:06	06/09/22 21:00	1
Pyrene	<0.038		0.038	0.0076	mg/Kg	☼	06/06/22 14:06	06/09/22 21:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	56		31 - 143				06/06/22 14:06	06/09/22 21:00	1
2-Fluorobiphenyl (Surr)	69		43 - 145				06/06/22 14:06	06/09/22 21:00	1
2-Fluorophenol (Surr)	101		31 - 166				06/06/22 14:06	06/09/22 21:00	1
Nitrobenzene-d5 (Surr)	65		37 - 147				06/06/22 14:06	06/09/22 21:00	1
Phenol-d5 (Surr)	82		30 - 153				06/06/22 14:06	06/09/22 21:00	1
Terphenyl-d14 (Surr)	140		42 - 157				06/06/22 14:06	06/09/22 21:00	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/22 07:54	06/03/22 20:45	1
<b>Barium</b>	<b>0.38</b>	<b>J</b>	0.50	0.050	mg/L		06/03/22 07:54	06/03/22 20:45	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/22 07:54	06/03/22 20:45	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/22 07:54	06/03/22 20:45	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 20:45	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 20:45	1
Copper	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 20:45	1
Iron	<0.40		0.40	0.20	mg/L		06/03/22 07:54	06/03/22 20:45	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/22 07:54	06/03/22 20:45	1
<b>Manganese</b>	<b>0.83</b>		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 20:45	1
Nickel	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 20:45	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/22 07:54	06/03/22 20:45	1
Silver	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 20:45	1
Zinc	<0.50		0.50	0.020	mg/L		06/03/22 07:54	06/03/22 20:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.068</b>		0.050	0.010	mg/L		06/03/22 07:58	06/03/22 16:42	1
<b>Barium</b>	<b>0.29</b>	<b>J</b>	0.50	0.050	mg/L		06/03/22 07:58	06/03/22 16:42	1
<b>Beryllium</b>	<b>0.0062</b>		0.0040	0.0040	mg/L		06/03/22 07:58	06/03/22 16:42	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/22 07:58	06/03/22 16:42	1
<b>Chromium</b>	<b>0.11</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:42	1
<b>Cobalt</b>	<b>0.062</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:42	1
<b>Copper</b>	<b>0.15</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:42	1
<b>Iron</b>	<b>140</b>		0.40	0.20	mg/L		06/03/22 07:58	06/03/22 16:42	1
<b>Lead</b>	<b>0.083</b>		0.0075	0.0075	mg/L		06/03/22 07:58	06/03/22 16:42	1
<b>Manganese</b>	<b>0.60</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:42	1
<b>Nickel</b>	<b>0.18</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:42	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/22 07:58	06/03/22 16:42	1

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# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-106(4-9)-052422**

**Lab Sample ID: 500-217164-9**

Date Collected: 05/24/22 22:15

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 85.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:42	1
<b>Zinc</b>	<b>0.36</b>	<b>J</b>	0.50	0.020	mg/L		06/03/22 07:58	06/03/22 16:42	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>9500</b>		11	4.7	mg/Kg	✱	06/02/22 09:47	06/03/22 13:57	1
<b>Antimony</b>	<b>0.31</b>	<b>J</b>	1.1	0.22	mg/Kg	✱	06/02/22 09:47	06/03/22 13:57	1
<b>Arsenic</b>	<b>7.4</b>		0.57	0.20	mg/Kg	✱	06/02/22 09:47	06/03/22 13:57	1
<b>Barium</b>	<b>32</b>		0.57	0.065	mg/Kg	✱	06/02/22 09:47	06/03/22 13:57	1
<b>Beryllium</b>	<b>0.73</b>		0.23	0.053	mg/Kg	✱	06/02/22 09:47	06/03/22 13:57	1
Cadmium	<0.11		0.11	0.021	mg/Kg	✱	06/02/22 09:47	06/03/22 13:57	1
<b>Calcium</b>	<b>66000</b>		57	9.7	mg/Kg	✱	06/02/22 09:47	06/06/22 11:17	5
<b>Chromium</b>	<b>14</b>		0.57	0.28	mg/Kg	✱	06/02/22 09:47	06/03/22 13:57	1
<b>Cobalt</b>	<b>13</b>		0.29	0.075	mg/Kg	✱	06/02/22 09:47	06/03/22 13:57	1
<b>Copper</b>	<b>20</b>	<b>B</b>	0.57	0.16	mg/Kg	✱	06/02/22 09:47	06/03/22 13:57	1
<b>Iron</b>	<b>19000</b>		11	5.9	mg/Kg	✱	06/02/22 09:47	06/03/22 13:57	1
<b>Lead</b>	<b>13</b>		0.29	0.13	mg/Kg	✱	06/02/22 09:47	06/03/22 13:57	1
<b>Magnesium</b>	<b>27000</b>		5.7	2.8	mg/Kg	✱	06/02/22 09:47	06/03/22 13:57	1
<b>Manganese</b>	<b>290</b>		0.57	0.083	mg/Kg	✱	06/02/22 09:47	06/03/22 13:57	1
<b>Nickel</b>	<b>30</b>		0.57	0.17	mg/Kg	✱	06/02/22 09:47	06/03/22 13:57	1
<b>Potassium</b>	<b>2100</b>		29	10	mg/Kg	✱	06/02/22 09:47	06/03/22 13:57	1
Selenium	<0.57		0.57	0.34	mg/Kg	✱	06/02/22 09:47	06/03/22 13:57	1
<b>Silver</b>	<b>0.23</b>	<b>J</b>	0.29	0.074	mg/Kg	✱	06/02/22 09:47	06/03/22 13:57	1
<b>Sodium</b>	<b>700</b>		57	8.4	mg/Kg	✱	06/02/22 09:47	06/03/22 13:57	1
<b>Thallium</b>	<b>0.43</b>	<b>J</b>	0.57	0.28	mg/Kg	✱	06/02/22 09:47	06/03/22 13:57	1
<b>Vanadium</b>	<b>17</b>		0.29	0.067	mg/Kg	✱	06/02/22 09:47	06/03/22 13:57	1
<b>Zinc</b>	<b>52</b>		1.1	0.50	mg/Kg	✱	06/02/22 09:47	06/03/22 13:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/02/22 15:10	06/03/22 09:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/02/22 15:10	06/03/22 11:45	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.025</b>		0.018	0.0060	mg/Kg	✱	05/31/22 16:00	06/01/22 07:47	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.0</b>		0.2	0.2	SU			05/27/22 13:39	1

# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-107(0-4)-052422**

**Lab Sample ID: 500-217164-10**

Date Collected: 05/24/22 22:20

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 79.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>0.042</b>		0.018	0.0077	mg/Kg	☼	05/26/22 17:29	06/01/22 14:15	1
Benzene	<0.0018		0.0018	0.00045	mg/Kg	☼	05/26/22 17:29	06/01/22 14:15	1
Bromodichloromethane	<0.0018		0.0018	0.00036	mg/Kg	☼	05/26/22 17:29	06/01/22 14:15	1
Bromoform	<0.0018		0.0018	0.00052	mg/Kg	☼	05/26/22 17:29	06/01/22 14:15	1
Bromomethane	<0.0044		0.0044	0.0017	mg/Kg	☼	05/26/22 17:29	06/01/22 14:15	1
Carbon disulfide	<0.0044		0.0044	0.00092	mg/Kg	☼	05/26/22 17:29	06/01/22 14:15	1
Carbon tetrachloride	<0.0018		0.0018	0.00051	mg/Kg	☼	05/26/22 17:29	06/01/22 14:15	1
Chlorobenzene	<0.0018		0.0018	0.00065	mg/Kg	☼	05/26/22 17:29	06/01/22 14:15	1
Chloroethane	<0.0044		0.0044	0.0013	mg/Kg	☼	05/26/22 17:29	06/01/22 14:15	1
Chloroform	<0.0018		0.0018	0.00061	mg/Kg	☼	05/26/22 17:29	06/01/22 14:15	1
Chloromethane	<0.0044		0.0044	0.0018	mg/Kg	☼	05/26/22 17:29	06/01/22 14:15	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00049	mg/Kg	☼	05/26/22 17:29	06/01/22 14:15	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00053	mg/Kg	☼	05/26/22 17:29	06/01/22 14:15	1
Dibromochloromethane	<0.0018		0.0018	0.00058	mg/Kg	☼	05/26/22 17:29	06/01/22 14:15	1
1,1-Dichloroethane	<0.0018		0.0018	0.00060	mg/Kg	☼	05/26/22 17:29	06/01/22 14:15	1
1,2-Dichloroethane	<0.0044		0.0044	0.0014	mg/Kg	☼	05/26/22 17:29	06/01/22 14:15	1
1,1-Dichloroethene	<0.0018		0.0018	0.00061	mg/Kg	☼	05/26/22 17:29	06/01/22 14:15	1
1,2-Dichloropropane	<0.0018		0.0018	0.00046	mg/Kg	☼	05/26/22 17:29	06/01/22 14:15	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00062	mg/Kg	☼	05/26/22 17:29	06/01/22 14:15	1
Ethylbenzene	<0.0018		0.0018	0.00084	mg/Kg	☼	05/26/22 17:29	06/01/22 14:15	1
2-Hexanone	<0.0044		0.0044	0.0014	mg/Kg	☼	05/26/22 17:29	06/01/22 14:15	1
Methylene Chloride	<0.0044		0.0044	0.0017	mg/Kg	☼	05/26/22 17:29	06/01/22 14:15	1
<b>Methyl Ethyl Ketone</b>	<b>0.0069</b>		0.0044	0.0020	mg/Kg	☼	05/26/22 17:29	06/01/22 14:15	1
methyl isobutyl ketone	<0.0044		0.0044	0.0013	mg/Kg	☼	05/26/22 17:29	06/01/22 14:15	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00052	mg/Kg	☼	05/26/22 17:29	06/01/22 14:15	1
Styrene	<0.0018		0.0018	0.00053	mg/Kg	☼	05/26/22 17:29	06/01/22 14:15	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00056	mg/Kg	☼	05/26/22 17:29	06/01/22 14:15	1
Tetrachloroethene	<0.0018		0.0018	0.00060	mg/Kg	☼	05/26/22 17:29	06/01/22 14:15	1
Toluene	<0.0018		0.0018	0.00045	mg/Kg	☼	05/26/22 17:29	06/01/22 14:15	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00078	mg/Kg	☼	05/26/22 17:29	06/01/22 14:15	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00062	mg/Kg	☼	05/26/22 17:29	06/01/22 14:15	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00059	mg/Kg	☼	05/26/22 17:29	06/01/22 14:15	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00076	mg/Kg	☼	05/26/22 17:29	06/01/22 14:15	1
Trichloroethene	<0.0018		0.0018	0.00060	mg/Kg	☼	05/26/22 17:29	06/01/22 14:15	1
Vinyl chloride	<0.0018		0.0018	0.00078	mg/Kg	☼	05/26/22 17:29	06/01/22 14:15	1
Xylenes, Total	<0.0035		0.0035	0.00056	mg/Kg	☼	05/26/22 17:29	06/01/22 14:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		75 - 131	05/26/22 17:29	06/01/22 14:15	1
Dibromofluoromethane (Surr)	107		75 - 126	05/26/22 17:29	06/01/22 14:15	1
1,2-Dichloroethane-d4 (Surr)	122		70 - 134	05/26/22 17:29	06/01/22 14:15	1
Toluene-d8 (Surr)	98		75 - 124	05/26/22 17:29	06/01/22 14:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	06/06/22 14:06	06/10/22 13:54	1
1,2-Dichlorobenzene	<0.20		0.20	0.049	mg/Kg	☼	06/06/22 14:06	06/10/22 13:54	1
1,3-Dichlorobenzene	<0.20		0.20	0.046	mg/Kg	☼	06/06/22 14:06	06/10/22 13:54	1
1,4-Dichlorobenzene	<0.20		0.20	0.052	mg/Kg	☼	06/06/22 14:06	06/10/22 13:54	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.047	mg/Kg	☼	06/06/22 14:06	06/10/22 13:54	1

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# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-107(0-4)-052422**

**Lab Sample ID: 500-217164-10**

Date Collected: 05/24/22 22:20

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 79.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.40		0.40	0.093	mg/Kg	✳	06/06/22 14:06	06/10/22 13:54	1
2,4,6-Trichlorophenol	<0.40		0.40	0.14	mg/Kg	✳	06/06/22 14:06	06/10/22 13:54	1
2,4-Dichlorophenol	<0.40		0.40	0.097	mg/Kg	✳	06/06/22 14:06	06/10/22 13:54	1
2,4-Dimethylphenol	<0.40		0.40	0.15	mg/Kg	✳	06/06/22 14:06	06/10/22 13:54	1
2,4-Dinitrophenol	<0.82		0.82	0.72	mg/Kg	✳	06/06/22 14:06	06/10/22 13:54	1
2,4-Dinitrotoluene	<0.20		0.20	0.065	mg/Kg	✳	06/06/22 14:06	06/10/22 13:54	1
2,6-Dinitrotoluene	<0.20		0.20	0.080	mg/Kg	✳	06/06/22 14:06	06/10/22 13:54	1
2-Chloronaphthalene	<0.20		0.20	0.045	mg/Kg	✳	06/06/22 14:06	06/10/22 13:54	1
2-Chlorophenol	<0.20		0.20	0.069	mg/Kg	✳	06/06/22 14:06	06/10/22 13:54	1
2-Methylnaphthalene	<0.082		0.082	0.0075	mg/Kg	✳	06/06/22 14:06	06/10/22 13:54	1
2-Methylphenol	<0.20		0.20	0.065	mg/Kg	✳	06/06/22 14:06	06/10/22 13:54	1
2-Nitroaniline	<0.20		0.20	0.055	mg/Kg	✳	06/06/22 14:06	06/10/22 13:54	1
2-Nitrophenol	<0.40		0.40	0.096	mg/Kg	✳	06/06/22 14:06	06/10/22 13:54	1
3 & 4 Methylphenol	<0.20		0.20	0.068	mg/Kg	✳	06/06/22 14:06	06/10/22 13:54	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.057	mg/Kg	✳	06/06/22 14:06	06/10/22 13:54	1
3-Nitroaniline	<0.40		0.40	0.13	mg/Kg	✳	06/06/22 14:06	06/10/22 13:54	1
4,6-Dinitro-2-methylphenol	<0.82		0.82	0.33	mg/Kg	✳	06/06/22 14:06	06/10/22 13:54	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.054	mg/Kg	✳	06/06/22 14:06	06/10/22 13:54	1
4-Chloro-3-methylphenol	<0.40		0.40	0.14	mg/Kg	✳	06/06/22 14:06	06/10/22 13:54	1
4-Chloroaniline	<0.82		0.82	0.19	mg/Kg	✳	06/06/22 14:06	06/10/22 13:54	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.047	mg/Kg	✳	06/06/22 14:06	06/10/22 13:54	1
4-Nitroaniline	<0.40		0.40	0.17	mg/Kg	✳	06/06/22 14:06	06/10/22 13:54	1
4-Nitrophenol	<0.82		0.82	0.39	mg/Kg	✳	06/06/22 14:06	06/10/22 13:54	1
Acenaphthene	<0.040		0.040	0.0073	mg/Kg	✳	06/06/22 14:06	06/10/22 13:54	1
Acenaphthylene	<0.040		0.040	0.0054	mg/Kg	✳	06/06/22 14:06	06/10/22 13:54	1
Anthracene	<0.040		0.040	0.0068	mg/Kg	✳	06/06/22 14:06	06/10/22 13:54	1
<b>Benzo[a]anthracene</b>	<b>0.019 J</b>		0.040	0.0055	mg/Kg	✳	06/06/22 14:06	06/10/22 13:54	1
<b>Benzo[a]pyrene</b>	<b>0.025 J</b>		0.040	0.0079	mg/Kg	✳	06/06/22 14:06	06/10/22 13:54	1
<b>Benzo[b]fluoranthene</b>	<b>0.035 J</b>		0.040	0.0088	mg/Kg	✳	06/06/22 14:06	06/10/22 13:54	1
<b>Benzo[g,h,i]perylene</b>	<b>0.019 J</b>		0.040	0.013	mg/Kg	✳	06/06/22 14:06	06/10/22 13:54	1
<b>Benzo[k]fluoranthene</b>	<b>0.014 J</b>		0.040	0.012	mg/Kg	✳	06/06/22 14:06	06/10/22 13:54	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.041	mg/Kg	✳	06/06/22 14:06	06/10/22 13:54	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.061	mg/Kg	✳	06/06/22 14:06	06/10/22 13:54	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.074	mg/Kg	✳	06/06/22 14:06	06/10/22 13:54	1
Butyl benzyl phthalate	<0.20		0.20	0.077	mg/Kg	✳	06/06/22 14:06	06/10/22 13:54	1
Carbazole	<0.20		0.20	0.10	mg/Kg	✳	06/06/22 14:06	06/10/22 13:54	1
<b>Chrysene</b>	<b>0.027 J</b>		0.040	0.011	mg/Kg	✳	06/06/22 14:06	06/10/22 13:54	1
Dibenz(a,h)anthracene	<0.040		0.040	0.0079	mg/Kg	✳	06/06/22 14:06	06/10/22 13:54	1
Dibenzofuran	<0.20		0.20	0.048	mg/Kg	✳	06/06/22 14:06	06/10/22 13:54	1
Diethyl phthalate	<0.20		0.20	0.069	mg/Kg	✳	06/06/22 14:06	06/10/22 13:54	1
Dimethyl phthalate	<0.20		0.20	0.053	mg/Kg	✳	06/06/22 14:06	06/10/22 13:54	1
Di-n-butyl phthalate	<0.20		0.20	0.062	mg/Kg	✳	06/06/22 14:06	06/10/22 13:54	1
Di-n-octyl phthalate	<0.20		0.20	0.066	mg/Kg	✳	06/06/22 14:06	06/10/22 13:54	1
<b>Fluoranthene</b>	<b>0.041</b>		0.040	0.0075	mg/Kg	✳	06/06/22 14:06	06/10/22 13:54	1
Fluorene	<0.040		0.040	0.0057	mg/Kg	✳	06/06/22 14:06	06/10/22 13:54	1
Hexachlorobenzene	<0.082		0.082	0.0094	mg/Kg	✳	06/06/22 14:06	06/10/22 13:54	1
Hexachlorobutadiene	<0.20		0.20	0.064	mg/Kg	✳	06/06/22 14:06	06/10/22 13:54	1
Hexachlorocyclopentadiene	<0.82		0.82	0.23	mg/Kg	✳	06/06/22 14:06	06/10/22 13:54	1
Hexachloroethane	<0.20		0.20	0.062	mg/Kg	✳	06/06/22 14:06	06/10/22 13:54	1

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# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-107(0-4)-052422**

**Lab Sample ID: 500-217164-10**

**Date Collected: 05/24/22 22:20**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 79.7**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.014</b>	<b>J</b>	0.040	0.011	mg/Kg	☼	06/06/22 14:06	06/10/22 13:54	1
Isophorone	<0.20		0.20	0.046	mg/Kg	☼	06/06/22 14:06	06/10/22 13:54	1
Naphthalene	<0.040		0.040	0.0063	mg/Kg	☼	06/06/22 14:06	06/10/22 13:54	1
Nitrobenzene	<0.040		0.040	0.010	mg/Kg	☼	06/06/22 14:06	06/10/22 13:54	1
N-Nitrosodi-n-propylamine	<0.082		0.082	0.050	mg/Kg	☼	06/06/22 14:06	06/10/22 13:54	1
N-Nitrosodiphenylamine	<0.20		0.20	0.048	mg/Kg	☼	06/06/22 14:06	06/10/22 13:54	1
Pentachlorophenol	<0.82		0.82	0.65	mg/Kg	☼	06/06/22 14:06	06/10/22 13:54	1
<b>Phenanthrene</b>	<b>0.013</b>	<b>J</b>	0.040	0.0057	mg/Kg	☼	06/06/22 14:06	06/10/22 13:54	1
Phenol	<0.20		0.20	0.090	mg/Kg	☼	06/06/22 14:06	06/10/22 13:54	1
<b>Pyrene</b>	<b>0.033</b>	<b>J</b>	0.040	0.0081	mg/Kg	☼	06/06/22 14:06	06/10/22 13:54	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
<i>2,4,6-Tribromophenol (Surr)</i>	131		31 - 143				06/06/22 14:06	06/10/22 13:54	1
<i>2-Fluorobiphenyl (Surr)</i>	63		43 - 145				06/06/22 14:06	06/10/22 13:54	1
<i>2-Fluorophenol (Surr)</i>	65		31 - 166				06/06/22 14:06	06/10/22 13:54	1
<i>Nitrobenzene-d5 (Surr)</i>	44		37 - 147				06/06/22 14:06	06/10/22 13:54	1
<i>Phenol-d5 (Surr)</i>	57		30 - 153				06/06/22 14:06	06/10/22 13:54	1
<i>Terphenyl-d14 (Surr)</i>	90		42 - 157				06/06/22 14:06	06/10/22 13:54	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/22 07:54	06/03/22 20:48	1
<b>Barium</b>	<b>0.89</b>		0.50	0.050	mg/L		06/03/22 07:54	06/03/22 20:48	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/22 07:54	06/03/22 20:48	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/22 07:54	06/03/22 20:48	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 20:48	1
<b>Cobalt</b>	<b>0.015</b>	<b>J</b>	0.025	0.010	mg/L		06/03/22 07:54	06/03/22 20:48	1
Copper	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 20:48	1
Iron	<0.40		0.40	0.20	mg/L		06/03/22 07:54	06/03/22 20:48	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/22 07:54	06/03/22 20:48	1
<b>Manganese</b>	<b>5.4</b>		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 20:48	1
Nickel	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 20:48	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/22 07:54	06/03/22 20:48	1
Silver	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 20:48	1
<b>Zinc</b>	<b>0.020</b>	<b>J</b>	0.50	0.020	mg/L		06/03/22 07:54	06/03/22 20:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.035</b>	<b>J</b>	0.050	0.010	mg/L		06/03/22 07:58	06/03/22 16:45	1
<b>Barium</b>	<b>0.65</b>		0.50	0.050	mg/L		06/03/22 07:58	06/03/22 16:45	1
<b>Beryllium</b>	<b>0.0052</b>		0.0040	0.0040	mg/L		06/03/22 07:58	06/03/22 16:45	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/22 07:58	06/03/22 16:45	1
<b>Chromium</b>	<b>0.11</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:45	1
<b>Cobalt</b>	<b>0.030</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:45	1
<b>Copper</b>	<b>0.091</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:45	1
<b>Iron</b>	<b>110</b>		0.40	0.20	mg/L		06/03/22 07:58	06/03/22 16:45	1
<b>Lead</b>	<b>0.058</b>		0.0075	0.0075	mg/L		06/03/22 07:58	06/03/22 16:45	1
<b>Manganese</b>	<b>1.2</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:45	1
<b>Nickel</b>	<b>0.090</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:45	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/22 07:58	06/03/22 16:45	1

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# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-107(0-4)-052422**

**Lab Sample ID: 500-217164-10**

Date Collected: 05/24/22 22:20

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 79.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:45	1
<b>Zinc</b>	<b>0.33</b>	<b>J</b>	0.50	0.020	mg/L		06/03/22 07:58	06/03/22 16:45	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>11000</b>		12	4.9	mg/Kg	✱	06/02/22 09:47	06/03/22 14:07	1
<b>Antimony</b>	<b>0.25</b>	<b>J</b>	1.2	0.23	mg/Kg	✱	06/02/22 09:47	06/03/22 14:07	1
<b>Arsenic</b>	<b>5.8</b>		0.59	0.20	mg/Kg	✱	06/02/22 09:47	06/03/22 14:07	1
<b>Barium</b>	<b>110</b>		0.59	0.068	mg/Kg	✱	06/02/22 09:47	06/03/22 14:07	1
<b>Beryllium</b>	<b>0.81</b>		0.24	0.055	mg/Kg	✱	06/02/22 09:47	06/03/22 14:07	1
Cadmium	<0.12		0.12	0.021	mg/Kg	✱	06/02/22 09:47	06/03/22 14:07	1
<b>Calcium</b>	<b>35000</b>		12	2.0	mg/Kg	✱	06/02/22 09:47	06/03/22 14:07	1
<b>Chromium</b>	<b>14</b>		0.59	0.29	mg/Kg	✱	06/02/22 09:47	06/03/22 14:07	1
<b>Cobalt</b>	<b>9.3</b>		0.30	0.078	mg/Kg	✱	06/02/22 09:47	06/03/22 14:07	1
<b>Copper</b>	<b>15</b>	<b>B</b>	0.59	0.17	mg/Kg	✱	06/02/22 09:47	06/03/22 14:07	1
<b>Iron</b>	<b>16000</b>		12	6.2	mg/Kg	✱	06/02/22 09:47	06/03/22 14:07	1
<b>Lead</b>	<b>14</b>		0.30	0.14	mg/Kg	✱	06/02/22 09:47	06/03/22 14:07	1
<b>Magnesium</b>	<b>17000</b>		5.9	2.9	mg/Kg	✱	06/02/22 09:47	06/03/22 14:07	1
<b>Manganese</b>	<b>390</b>		0.59	0.086	mg/Kg	✱	06/02/22 09:47	06/03/22 14:07	1
<b>Nickel</b>	<b>20</b>		0.59	0.17	mg/Kg	✱	06/02/22 09:47	06/03/22 14:07	1
<b>Potassium</b>	<b>970</b>		30	11	mg/Kg	✱	06/02/22 09:47	06/03/22 14:07	1
Selenium	<0.59		0.59	0.35	mg/Kg	✱	06/02/22 09:47	06/03/22 14:07	1
<b>Silver</b>	<b>0.30</b>		0.30	0.077	mg/Kg	✱	06/02/22 09:47	06/03/22 14:07	1
<b>Sodium</b>	<b>1300</b>		59	8.8	mg/Kg	✱	06/02/22 09:47	06/03/22 14:07	1
Thallium	<0.59		0.59	0.30	mg/Kg	✱	06/02/22 09:47	06/03/22 14:07	1
<b>Vanadium</b>	<b>21</b>		0.30	0.070	mg/Kg	✱	06/02/22 09:47	06/03/22 14:07	1
<b>Zinc</b>	<b>53</b>		1.2	0.52	mg/Kg	✱	06/02/22 09:47	06/03/22 14:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/02/22 15:10	06/03/22 09:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/02/22 15:10	06/03/22 11:47	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.035</b>		0.019	0.0063	mg/Kg	✱	05/31/22 16:00	06/01/22 07:55	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>7.5</b>		0.2	0.2	SU			05/27/22 13:39	1

# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-107(0-4)-052422D**

**Lab Sample ID: 500-217164-11**

Date Collected: 05/24/22 22:20

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 76.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>0.064</b>		0.019	0.0084	mg/Kg	✳	05/26/22 17:29	06/01/22 14:41	1
Benzene	<0.0019		0.0019	0.00049	mg/Kg	✳	05/26/22 17:29	06/01/22 14:41	1
Bromodichloromethane	<0.0019		0.0019	0.00039	mg/Kg	✳	05/26/22 17:29	06/01/22 14:41	1
Bromoform	<0.0019		0.0019	0.00056	mg/Kg	✳	05/26/22 17:29	06/01/22 14:41	1
Bromomethane	<0.0048		0.0048	0.0018	mg/Kg	✳	05/26/22 17:29	06/01/22 14:41	1
<b>Carbon disulfide</b>	<b>0.0012</b>	<b>J</b>	0.0048	0.0010	mg/Kg	✳	05/26/22 17:29	06/01/22 14:41	1
Carbon tetrachloride	<0.0019		0.0019	0.00056	mg/Kg	✳	05/26/22 17:29	06/01/22 14:41	1
Chlorobenzene	<0.0019		0.0019	0.00071	mg/Kg	✳	05/26/22 17:29	06/01/22 14:41	1
Chloroethane	<0.0048		0.0048	0.0014	mg/Kg	✳	05/26/22 17:29	06/01/22 14:41	1
Chloroform	<0.0019		0.0019	0.00067	mg/Kg	✳	05/26/22 17:29	06/01/22 14:41	1
Chloromethane	<0.0048		0.0048	0.0019	mg/Kg	✳	05/26/22 17:29	06/01/22 14:41	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00054	mg/Kg	✳	05/26/22 17:29	06/01/22 14:41	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00058	mg/Kg	✳	05/26/22 17:29	06/01/22 14:41	1
Dibromochloromethane	<0.0019		0.0019	0.00063	mg/Kg	✳	05/26/22 17:29	06/01/22 14:41	1
1,1-Dichloroethane	<0.0019		0.0019	0.00066	mg/Kg	✳	05/26/22 17:29	06/01/22 14:41	1
1,2-Dichloroethane	<0.0048		0.0048	0.0015	mg/Kg	✳	05/26/22 17:29	06/01/22 14:41	1
1,1-Dichloroethene	<0.0019		0.0019	0.00067	mg/Kg	✳	05/26/22 17:29	06/01/22 14:41	1
1,2-Dichloropropane	<0.0019		0.0019	0.00050	mg/Kg	✳	05/26/22 17:29	06/01/22 14:41	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00068	mg/Kg	✳	05/26/22 17:29	06/01/22 14:41	1
Ethylbenzene	<0.0019		0.0019	0.00093	mg/Kg	✳	05/26/22 17:29	06/01/22 14:41	1
2-Hexanone	<0.0048		0.0048	0.0015	mg/Kg	✳	05/26/22 17:29	06/01/22 14:41	1
Methylene Chloride	<0.0048		0.0048	0.0019	mg/Kg	✳	05/26/22 17:29	06/01/22 14:41	1
<b>Methyl Ethyl Ketone</b>	<b>0.012</b>		0.0048	0.0021	mg/Kg	✳	05/26/22 17:29	06/01/22 14:41	1
methyl isobutyl ketone	<0.0048		0.0048	0.0014	mg/Kg	✳	05/26/22 17:29	06/01/22 14:41	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00057	mg/Kg	✳	05/26/22 17:29	06/01/22 14:41	1
Styrene	<0.0019		0.0019	0.00058	mg/Kg	✳	05/26/22 17:29	06/01/22 14:41	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00062	mg/Kg	✳	05/26/22 17:29	06/01/22 14:41	1
Tetrachloroethene	<0.0019		0.0019	0.00066	mg/Kg	✳	05/26/22 17:29	06/01/22 14:41	1
Toluene	<0.0019		0.0019	0.00049	mg/Kg	✳	05/26/22 17:29	06/01/22 14:41	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00086	mg/Kg	✳	05/26/22 17:29	06/01/22 14:41	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00068	mg/Kg	✳	05/26/22 17:29	06/01/22 14:41	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00065	mg/Kg	✳	05/26/22 17:29	06/01/22 14:41	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00083	mg/Kg	✳	05/26/22 17:29	06/01/22 14:41	1
Trichloroethene	<0.0019		0.0019	0.00065	mg/Kg	✳	05/26/22 17:29	06/01/22 14:41	1
Vinyl chloride	<0.0019		0.0019	0.00086	mg/Kg	✳	05/26/22 17:29	06/01/22 14:41	1
Xylenes, Total	<0.0039		0.0039	0.00062	mg/Kg	✳	05/26/22 17:29	06/01/22 14:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		75 - 131	05/26/22 17:29	06/01/22 14:41	1
Dibromofluoromethane (Surr)	112		75 - 126	05/26/22 17:29	06/01/22 14:41	1
1,2-Dichloroethane-d4 (Surr)	126		70 - 134	05/26/22 17:29	06/01/22 14:41	1
Toluene-d8 (Surr)	98		75 - 124	05/26/22 17:29	06/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.22		0.22	0.046	mg/Kg	✳	06/06/22 14:06	06/08/22 14:52	1
1,2-Dichlorobenzene	<0.22		0.22	0.051	mg/Kg	✳	06/06/22 14:06	06/08/22 14:52	1
1,3-Dichlorobenzene	<0.22		0.22	0.048	mg/Kg	✳	06/06/22 14:06	06/08/22 14:52	1
1,4-Dichlorobenzene	<0.22		0.22	0.055	mg/Kg	✳	06/06/22 14:06	06/08/22 14:52	1
2,2'-oxybis[1-chloropropane]	<0.22		0.22	0.050	mg/Kg	✳	06/06/22 14:06	06/08/22 14:52	1

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# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-107(0-4)-052422D**

**Lab Sample ID: 500-217164-11**

Date Collected: 05/24/22 22:20

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 76.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.43		0.43	0.098	mg/Kg	✱	06/06/22 14:06	06/08/22 14:52	1
2,4,6-Trichlorophenol	<0.43		0.43	0.15	mg/Kg	✱	06/06/22 14:06	06/08/22 14:52	1
2,4-Dichlorophenol	<0.43		0.43	0.10	mg/Kg	✱	06/06/22 14:06	06/08/22 14:52	1
2,4-Dimethylphenol	<0.43		0.43	0.16	mg/Kg	✱	06/06/22 14:06	06/08/22 14:52	1
2,4-Dinitrophenol	<0.87		0.87	0.76	mg/Kg	✱	06/06/22 14:06	06/08/22 14:52	1
2,4-Dinitrotoluene	<0.22		0.22	0.068	mg/Kg	✱	06/06/22 14:06	06/08/22 14:52	1
2,6-Dinitrotoluene	<0.22		0.22	0.085	mg/Kg	✱	06/06/22 14:06	06/08/22 14:52	1
2-Chloronaphthalene	<0.22		0.22	0.048	mg/Kg	✱	06/06/22 14:06	06/08/22 14:52	1
2-Chlorophenol	<0.22		0.22	0.074	mg/Kg	✱	06/06/22 14:06	06/08/22 14:52	1
2-Methylnaphthalene	<0.087		0.087	0.0079	mg/Kg	✱	06/06/22 14:06	06/08/22 14:52	1
2-Methylphenol	<0.22		0.22	0.069	mg/Kg	✱	06/06/22 14:06	06/08/22 14:52	1
2-Nitroaniline	<0.22		0.22	0.058	mg/Kg	✱	06/06/22 14:06	06/08/22 14:52	1
2-Nitrophenol	<0.43		0.43	0.10	mg/Kg	✱	06/06/22 14:06	06/08/22 14:52	1
3 & 4 Methylphenol	<0.22		0.22	0.072	mg/Kg	✱	06/06/22 14:06	06/08/22 14:52	1
3,3'-Dichlorobenzidine	<0.22		0.22	0.060	mg/Kg	✱	06/06/22 14:06	06/08/22 14:52	1
3-Nitroaniline	<0.43		0.43	0.13	mg/Kg	✱	06/06/22 14:06	06/08/22 14:52	1
4,6-Dinitro-2-methylphenol	<0.87		0.87	0.35	mg/Kg	✱	06/06/22 14:06	06/08/22 14:52	1
4-Bromophenyl phenyl ether	<0.22		0.22	0.057	mg/Kg	✱	06/06/22 14:06	06/08/22 14:52	1
4-Chloro-3-methylphenol	<0.43		0.43	0.15	mg/Kg	✱	06/06/22 14:06	06/08/22 14:52	1
4-Chloroaniline	<0.87		0.87	0.20	mg/Kg	✱	06/06/22 14:06	06/08/22 14:52	1
4-Chlorophenyl phenyl ether	<0.22		0.22	0.050	mg/Kg	✱	06/06/22 14:06	06/08/22 14:52	1
4-Nitroaniline	<0.43		0.43	0.18	mg/Kg	✱	06/06/22 14:06	06/08/22 14:52	1
4-Nitrophenol	<0.87		0.87	0.41	mg/Kg	✱	06/06/22 14:06	06/08/22 14:52	1
Acenaphthene	<0.043		0.043	0.0077	mg/Kg	✱	06/06/22 14:06	06/08/22 14:52	1
Acenaphthylene	<0.043		0.043	0.0057	mg/Kg	✱	06/06/22 14:06	06/08/22 14:52	1
Anthracene	<0.043		0.043	0.0072	mg/Kg	✱	06/06/22 14:06	06/08/22 14:52	1
Benzo[a]anthracene	<0.043		0.043	0.0058	mg/Kg	✱	06/06/22 14:06	06/08/22 14:52	1
<b>Benzo[a]pyrene</b>	<b>0.0097</b>	<b>J *3</b>	0.043	0.0083	mg/Kg	✱	06/06/22 14:06	06/08/22 14:52	1
<b>Benzo[b]fluoranthene</b>	<b>0.017</b>	<b>J *3</b>	0.043	0.0093	mg/Kg	✱	06/06/22 14:06	06/08/22 14:52	1
Benzo[g,h,i]perylene	<0.043	*3	0.043	0.014	mg/Kg	✱	06/06/22 14:06	06/08/22 14:52	1
Benzo[k]fluoranthene	<0.043	*3	0.043	0.013	mg/Kg	✱	06/06/22 14:06	06/08/22 14:52	1
Bis(2-chloroethoxy)methane	<0.22		0.22	0.044	mg/Kg	✱	06/06/22 14:06	06/08/22 14:52	1
Bis(2-chloroethyl)ether	<0.22		0.22	0.065	mg/Kg	✱	06/06/22 14:06	06/08/22 14:52	1
Bis(2-ethylhexyl) phthalate	<0.22		0.22	0.079	mg/Kg	✱	06/06/22 14:06	06/08/22 14:52	1
Butyl benzyl phthalate	<0.22		0.22	0.082	mg/Kg	✱	06/06/22 14:06	06/08/22 14:52	1
Carbazole	<0.22		0.22	0.11	mg/Kg	✱	06/06/22 14:06	06/08/22 14:52	1
Chrysene	<0.043		0.043	0.012	mg/Kg	✱	06/06/22 14:06	06/08/22 14:52	1
Dibenz(a,h)anthracene	<0.043	*3	0.043	0.0083	mg/Kg	✱	06/06/22 14:06	06/08/22 14:52	1
Dibenzofuran	<0.22		0.22	0.050	mg/Kg	✱	06/06/22 14:06	06/08/22 14:52	1
Diethyl phthalate	<0.22		0.22	0.073	mg/Kg	✱	06/06/22 14:06	06/08/22 14:52	1
Dimethyl phthalate	<0.22		0.22	0.056	mg/Kg	✱	06/06/22 14:06	06/08/22 14:52	1
Di-n-butyl phthalate	<0.22		0.22	0.066	mg/Kg	✱	06/06/22 14:06	06/08/22 14:52	1
Di-n-octyl phthalate	<0.22		0.22	0.070	mg/Kg	✱	06/06/22 14:06	06/08/22 14:52	1
<b>Fluoranthene</b>	<b>0.016</b>	<b>J</b>	0.043	0.0080	mg/Kg	✱	06/06/22 14:06	06/08/22 14:52	1
Fluorene	<0.043		0.043	0.0061	mg/Kg	✱	06/06/22 14:06	06/08/22 14:52	1
Hexachlorobenzene	<0.087		0.087	0.010	mg/Kg	✱	06/06/22 14:06	06/08/22 14:52	1
Hexachlorobutadiene	<0.22		0.22	0.068	mg/Kg	✱	06/06/22 14:06	06/08/22 14:52	1
Hexachlorocyclopentadiene	<0.87		0.87	0.25	mg/Kg	✱	06/06/22 14:06	06/08/22 14:52	1
Hexachloroethane	<0.22		0.22	0.065	mg/Kg	✱	06/06/22 14:06	06/08/22 14:52	1

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# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-107(0-4)-052422D**

**Lab Sample ID: 500-217164-11**

Date Collected: 05/24/22 22:20

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 76.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.043	*3	0.043	0.011	mg/Kg	☼	06/06/22 14:06	06/08/22 14:52	1
Isophorone	<0.22		0.22	0.048	mg/Kg	☼	06/06/22 14:06	06/08/22 14:52	1
Naphthalene	<0.043		0.043	0.0066	mg/Kg	☼	06/06/22 14:06	06/08/22 14:52	1
Nitrobenzene	<0.043		0.043	0.011	mg/Kg	☼	06/06/22 14:06	06/08/22 14:52	1
N-Nitrosodi-n-propylamine	<0.087		0.087	0.053	mg/Kg	☼	06/06/22 14:06	06/08/22 14:52	1
N-Nitrosodiphenylamine	<0.22		0.22	0.051	mg/Kg	☼	06/06/22 14:06	06/08/22 14:52	1
Pentachlorophenol	<0.87		0.87	0.69	mg/Kg	☼	06/06/22 14:06	06/08/22 14:52	1
<b>Phenanthrene</b>	<b>0.0064</b>	<b>J</b>	0.043	0.0060	mg/Kg	☼	06/06/22 14:06	06/08/22 14:52	1
Phenol	<0.22		0.22	0.096	mg/Kg	☼	06/06/22 14:06	06/08/22 14:52	1
<b>Pyrene</b>	<b>0.011</b>	<b>J</b>	0.043	0.0086	mg/Kg	☼	06/06/22 14:06	06/08/22 14:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	73		31 - 143	06/06/22 14:06	06/08/22 14:52	1
2-Fluorobiphenyl (Surr)	57		43 - 145	06/06/22 14:06	06/08/22 14:52	1
2-Fluorophenol (Surr)	78		31 - 166	06/06/22 14:06	06/08/22 14:52	1
Nitrobenzene-d5 (Surr)	51		37 - 147	06/06/22 14:06	06/08/22 14:52	1
Phenol-d5 (Surr)	79		30 - 153	06/06/22 14:06	06/08/22 14:52	1
Terphenyl-d14 (Surr)	147		42 - 157	06/06/22 14:06	06/08/22 14:52	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.010</b>	<b>J</b>	0.050	0.010	mg/L		06/03/22 07:54	06/03/22 20:52	1
<b>Barium</b>	<b>0.87</b>		0.50	0.050	mg/L		06/03/22 07:54	06/03/22 20:52	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/22 07:54	06/03/22 20:52	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/22 07:54	06/03/22 20:52	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 20:52	1
<b>Cobalt</b>	<b>0.018</b>	<b>J</b>	0.025	0.010	mg/L		06/03/22 07:54	06/03/22 20:52	1
Copper	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 20:52	1
Iron	<0.40		0.40	0.20	mg/L		06/03/22 07:54	06/03/22 20:52	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/22 07:54	06/03/22 20:52	1
<b>Manganese</b>	<b>6.1</b>		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 20:52	1
Nickel	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 20:52	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/22 07:54	06/03/22 20:52	1
Silver	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 20:52	1
Zinc	<0.50		0.50	0.020	mg/L		06/03/22 07:54	06/03/22 20:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.038</b>	<b>J</b>	0.050	0.010	mg/L		06/03/22 07:58	06/03/22 16:48	1
<b>Barium</b>	<b>0.74</b>		0.50	0.050	mg/L		06/03/22 07:58	06/03/22 16:48	1
<b>Beryllium</b>	<b>0.0057</b>		0.0040	0.0040	mg/L		06/03/22 07:58	06/03/22 16:48	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/22 07:58	06/03/22 16:48	1
<b>Chromium</b>	<b>0.13</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:48	1
<b>Cobalt</b>	<b>0.038</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:48	1
<b>Copper</b>	<b>0.090</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:48	1
<b>Iron</b>	<b>120</b>		0.40	0.20	mg/L		06/03/22 07:58	06/03/22 16:48	1
<b>Lead</b>	<b>0.073</b>		0.0075	0.0075	mg/L		06/03/22 07:58	06/03/22 16:48	1
<b>Manganese</b>	<b>1.1</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:48	1
<b>Nickel</b>	<b>0.088</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:48	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/22 07:58	06/03/22 16:48	1

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# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-107(0-4)-052422D**

**Lab Sample ID: 500-217164-11**

Date Collected: 05/24/22 22:20

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 76.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:48	1
Zinc	0.36	J	0.50	0.020	mg/L		06/03/22 07:58	06/03/22 16:48	1

### Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	15000		12	4.9	mg/Kg	☆	06/02/22 09:47	06/03/22 14:10	1
Antimony	0.31	J	1.2	0.23	mg/Kg	☆	06/02/22 09:47	06/03/22 14:10	1
Arsenic	5.1		0.60	0.21	mg/Kg	☆	06/02/22 09:47	06/03/22 14:10	1
Barium	130		0.60	0.068	mg/Kg	☆	06/02/22 09:47	06/03/22 14:10	1
Beryllium	0.83		0.24	0.056	mg/Kg	☆	06/02/22 09:47	06/03/22 14:10	1
Cadmium	<0.12		0.12	0.022	mg/Kg	☆	06/02/22 09:47	06/03/22 14:10	1
Calcium	20000		12	2.0	mg/Kg	☆	06/02/22 09:47	06/03/22 14:10	1
Chromium	15		0.60	0.30	mg/Kg	☆	06/02/22 09:47	06/03/22 14:10	1
Cobalt	10		0.30	0.079	mg/Kg	☆	06/02/22 09:47	06/03/22 14:10	1
Copper	14	B	0.60	0.17	mg/Kg	☆	06/02/22 09:47	06/03/22 14:10	1
Iron	16000		12	6.2	mg/Kg	☆	06/02/22 09:47	06/03/22 14:10	1
Lead	17		0.30	0.14	mg/Kg	☆	06/02/22 09:47	06/03/22 14:10	1
Magnesium	11000		6.0	3.0	mg/Kg	☆	06/02/22 09:47	06/03/22 14:10	1
Manganese	210		0.60	0.087	mg/Kg	☆	06/02/22 09:47	06/03/22 14:10	1
Nickel	16		0.60	0.17	mg/Kg	☆	06/02/22 09:47	06/03/22 14:10	1
Potassium	980		30	11	mg/Kg	☆	06/02/22 09:47	06/03/22 14:10	1
Selenium	<0.60		0.60	0.35	mg/Kg	☆	06/02/22 09:47	06/03/22 14:10	1
Silver	0.36		0.30	0.077	mg/Kg	☆	06/02/22 09:47	06/03/22 14:10	1
Sodium	2800		60	8.9	mg/Kg	☆	06/02/22 09:47	06/03/22 14:10	1
Thallium	0.35	J	0.60	0.30	mg/Kg	☆	06/02/22 09:47	06/03/22 14:10	1
Vanadium	30		0.30	0.071	mg/Kg	☆	06/02/22 09:47	06/03/22 14:10	1
Zinc	59		1.2	0.53	mg/Kg	☆	06/02/22 09:47	06/03/22 14:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/02/22 15:10	06/03/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/02/22 15:10	06/03/22 11:49	1

### Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.034		0.019	0.0063	mg/Kg	☆	05/31/22 16:00	06/01/22 07:57	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.4		0.2	0.2	SU			05/27/22 13:39	1

# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-107(4-9)-052422**

**Lab Sample ID: 500-217164-12**

Date Collected: 05/24/22 22:25

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 79.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>0.017</b>	<b>J</b>	0.019	0.0084	mg/Kg	☼	05/26/22 17:29	06/01/22 15:06	1
Benzene	<0.0019		0.0019	0.00049	mg/Kg	☼	05/26/22 17:29	06/01/22 15:06	1
Bromodichloromethane	<0.0019		0.0019	0.00039	mg/Kg	☼	05/26/22 17:29	06/01/22 15:06	1
Bromoform	<0.0019		0.0019	0.00057	mg/Kg	☼	05/26/22 17:29	06/01/22 15:06	1
Bromomethane	<0.0048		0.0048	0.0018	mg/Kg	☼	05/26/22 17:29	06/01/22 15:06	1
Carbon disulfide	<0.0048		0.0048	0.0010	mg/Kg	☼	05/26/22 17:29	06/01/22 15:06	1
Carbon tetrachloride	<0.0019		0.0019	0.00056	mg/Kg	☼	05/26/22 17:29	06/01/22 15:06	1
Chlorobenzene	<0.0019		0.0019	0.00072	mg/Kg	☼	05/26/22 17:29	06/01/22 15:06	1
Chloroethane	<0.0048		0.0048	0.0014	mg/Kg	☼	05/26/22 17:29	06/01/22 15:06	1
Chloroform	<0.0019		0.0019	0.00067	mg/Kg	☼	05/26/22 17:29	06/01/22 15:06	1
Chloromethane	<0.0048		0.0048	0.0019	mg/Kg	☼	05/26/22 17:29	06/01/22 15:06	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00054	mg/Kg	☼	05/26/22 17:29	06/01/22 15:06	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00058	mg/Kg	☼	05/26/22 17:29	06/01/22 15:06	1
Dibromochloromethane	<0.0019		0.0019	0.00063	mg/Kg	☼	05/26/22 17:29	06/01/22 15:06	1
1,1-Dichloroethane	<0.0019		0.0019	0.00066	mg/Kg	☼	05/26/22 17:29	06/01/22 15:06	1
1,2-Dichloroethane	<0.0048		0.0048	0.0015	mg/Kg	☼	05/26/22 17:29	06/01/22 15:06	1
1,1-Dichloroethene	<0.0019		0.0019	0.00067	mg/Kg	☼	05/26/22 17:29	06/01/22 15:06	1
1,2-Dichloropropane	<0.0019		0.0019	0.00050	mg/Kg	☼	05/26/22 17:29	06/01/22 15:06	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00068	mg/Kg	☼	05/26/22 17:29	06/01/22 15:06	1
Ethylbenzene	<0.0019		0.0019	0.00093	mg/Kg	☼	05/26/22 17:29	06/01/22 15:06	1
2-Hexanone	<0.0048		0.0048	0.0015	mg/Kg	☼	05/26/22 17:29	06/01/22 15:06	1
Methylene Chloride	<0.0048		0.0048	0.0019	mg/Kg	☼	05/26/22 17:29	06/01/22 15:06	1
<b>Methyl Ethyl Ketone</b>	<b>0.0027</b>	<b>J</b>	0.0048	0.0022	mg/Kg	☼	05/26/22 17:29	06/01/22 15:06	1
methyl isobutyl ketone	<0.0048		0.0048	0.0014	mg/Kg	☼	05/26/22 17:29	06/01/22 15:06	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00057	mg/Kg	☼	05/26/22 17:29	06/01/22 15:06	1
Styrene	<0.0019		0.0019	0.00059	mg/Kg	☼	05/26/22 17:29	06/01/22 15:06	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00062	mg/Kg	☼	05/26/22 17:29	06/01/22 15:06	1
Tetrachloroethene	<0.0019		0.0019	0.00066	mg/Kg	☼	05/26/22 17:29	06/01/22 15:06	1
Toluene	<0.0019		0.0019	0.00049	mg/Kg	☼	05/26/22 17:29	06/01/22 15:06	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00086	mg/Kg	☼	05/26/22 17:29	06/01/22 15:06	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00068	mg/Kg	☼	05/26/22 17:29	06/01/22 15:06	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00065	mg/Kg	☼	05/26/22 17:29	06/01/22 15:06	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00083	mg/Kg	☼	05/26/22 17:29	06/01/22 15:06	1
Trichloroethene	<0.0019		0.0019	0.00066	mg/Kg	☼	05/26/22 17:29	06/01/22 15:06	1
Vinyl chloride	<0.0019		0.0019	0.00086	mg/Kg	☼	05/26/22 17:29	06/01/22 15:06	1
Xylenes, Total	<0.0039		0.0039	0.00062	mg/Kg	☼	05/26/22 17:29	06/01/22 15:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		75 - 131	05/26/22 17:29	06/01/22 15:06	1
Dibromofluoromethane (Surr)	111		75 - 126	05/26/22 17:29	06/01/22 15:06	1
1,2-Dichloroethane-d4 (Surr)	120		70 - 134	05/26/22 17:29	06/01/22 15:06	1
Toluene-d8 (Surr)	96		75 - 124	05/26/22 17:29	06/01/22 15:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	06/06/22 14:06	06/09/22 18:08	1
1,2-Dichlorobenzene	<0.20		0.20	0.049	mg/Kg	☼	06/06/22 14:06	06/09/22 18:08	1
1,3-Dichlorobenzene	<0.20		0.20	0.046	mg/Kg	☼	06/06/22 14:06	06/09/22 18:08	1
1,4-Dichlorobenzene	<0.20		0.20	0.052	mg/Kg	☼	06/06/22 14:06	06/09/22 18:08	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.047	mg/Kg	☼	06/06/22 14:06	06/09/22 18:08	1

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# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-107(4-9)-052422**

**Lab Sample ID: 500-217164-12**

**Date Collected: 05/24/22 22:25**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 79.3**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.40		0.40	0.093	mg/Kg	✱	06/06/22 14:06	06/09/22 18:08	1
2,4,6-Trichlorophenol	<0.40		0.40	0.14	mg/Kg	✱	06/06/22 14:06	06/09/22 18:08	1
2,4-Dichlorophenol	<0.40		0.40	0.097	mg/Kg	✱	06/06/22 14:06	06/09/22 18:08	1
2,4-Dimethylphenol	<0.40		0.40	0.15	mg/Kg	✱	06/06/22 14:06	06/09/22 18:08	1
2,4-Dinitrophenol	<0.82		0.82	0.72	mg/Kg	✱	06/06/22 14:06	06/09/22 18:08	1
2,4-Dinitrotoluene	<0.20		0.20	0.065	mg/Kg	✱	06/06/22 14:06	06/09/22 18:08	1
2,6-Dinitrotoluene	<0.20		0.20	0.080	mg/Kg	✱	06/06/22 14:06	06/09/22 18:08	1
2-Chloronaphthalene	<0.20		0.20	0.045	mg/Kg	✱	06/06/22 14:06	06/09/22 18:08	1
2-Chlorophenol	<0.20		0.20	0.069	mg/Kg	✱	06/06/22 14:06	06/09/22 18:08	1
2-Methylnaphthalene	<0.082		0.082	0.0075	mg/Kg	✱	06/06/22 14:06	06/09/22 18:08	1
2-Methylphenol	<0.20		0.20	0.065	mg/Kg	✱	06/06/22 14:06	06/09/22 18:08	1
2-Nitroaniline	<0.20		0.20	0.055	mg/Kg	✱	06/06/22 14:06	06/09/22 18:08	1
2-Nitrophenol	<0.40		0.40	0.096	mg/Kg	✱	06/06/22 14:06	06/09/22 18:08	1
3 & 4 Methylphenol	<0.20		0.20	0.068	mg/Kg	✱	06/06/22 14:06	06/09/22 18:08	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.057	mg/Kg	✱	06/06/22 14:06	06/09/22 18:08	1
3-Nitroaniline	<0.40		0.40	0.13	mg/Kg	✱	06/06/22 14:06	06/09/22 18:08	1
4,6-Dinitro-2-methylphenol	<0.82		0.82	0.33	mg/Kg	✱	06/06/22 14:06	06/09/22 18:08	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.054	mg/Kg	✱	06/06/22 14:06	06/09/22 18:08	1
4-Chloro-3-methylphenol	<0.40		0.40	0.14	mg/Kg	✱	06/06/22 14:06	06/09/22 18:08	1
4-Chloroaniline	<0.82		0.82	0.19	mg/Kg	✱	06/06/22 14:06	06/09/22 18:08	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.048	mg/Kg	✱	06/06/22 14:06	06/09/22 18:08	1
4-Nitroaniline	<0.40		0.40	0.17	mg/Kg	✱	06/06/22 14:06	06/09/22 18:08	1
4-Nitrophenol	<0.82		0.82	0.39	mg/Kg	✱	06/06/22 14:06	06/09/22 18:08	1
Acenaphthene	<0.040		0.040	0.0073	mg/Kg	✱	06/06/22 14:06	06/09/22 18:08	1
Acenaphthylene	<0.040		0.040	0.0054	mg/Kg	✱	06/06/22 14:06	06/09/22 18:08	1
Anthracene	<0.040		0.040	0.0068	mg/Kg	✱	06/06/22 14:06	06/09/22 18:08	1
<b>Benzo[a]anthracene</b>	<b>0.0089</b>	<b>J</b>	0.040	0.0055	mg/Kg	✱	06/06/22 14:06	06/09/22 18:08	1
<b>Benzo[a]pyrene</b>	<b>0.022</b>	<b>J *3</b>	0.040	0.0079	mg/Kg	✱	06/06/22 14:06	06/09/22 18:08	1
<b>Benzo[b]fluoranthene</b>	<b>0.044</b>	<b>*3</b>	0.040	0.0088	mg/Kg	✱	06/06/22 14:06	06/09/22 18:08	1
Benzo[g,h,i]perylene	<0.040	*3	0.040	0.013	mg/Kg	✱	06/06/22 14:06	06/09/22 18:08	1
Benzo[k]fluoranthene	<0.040	*3	0.040	0.012	mg/Kg	✱	06/06/22 14:06	06/09/22 18:08	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.042	mg/Kg	✱	06/06/22 14:06	06/09/22 18:08	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.061	mg/Kg	✱	06/06/22 14:06	06/09/22 18:08	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.074	mg/Kg	✱	06/06/22 14:06	06/09/22 18:08	1
Butyl benzyl phthalate	<0.20		0.20	0.077	mg/Kg	✱	06/06/22 14:06	06/09/22 18:08	1
Carbazole	<0.20		0.20	0.10	mg/Kg	✱	06/06/22 14:06	06/09/22 18:08	1
<b>Chrysene</b>	<b>0.018</b>	<b>J</b>	0.040	0.011	mg/Kg	✱	06/06/22 14:06	06/09/22 18:08	1
Dibenz(a,h)anthracene	<0.040	*3	0.040	0.0079	mg/Kg	✱	06/06/22 14:06	06/09/22 18:08	1
Dibenzofuran	<0.20		0.20	0.048	mg/Kg	✱	06/06/22 14:06	06/09/22 18:08	1
Diethyl phthalate	<0.20		0.20	0.069	mg/Kg	✱	06/06/22 14:06	06/09/22 18:08	1
Dimethyl phthalate	<0.20		0.20	0.053	mg/Kg	✱	06/06/22 14:06	06/09/22 18:08	1
Di-n-butyl phthalate	<0.20		0.20	0.062	mg/Kg	✱	06/06/22 14:06	06/09/22 18:08	1
Di-n-octyl phthalate	<0.20		0.20	0.066	mg/Kg	✱	06/06/22 14:06	06/09/22 18:08	1
<b>Fluoranthene</b>	<b>0.025</b>	<b>J</b>	0.040	0.0075	mg/Kg	✱	06/06/22 14:06	06/09/22 18:08	1
Fluorene	<0.040		0.040	0.0057	mg/Kg	✱	06/06/22 14:06	06/09/22 18:08	1
Hexachlorobenzene	<0.082		0.082	0.0094	mg/Kg	✱	06/06/22 14:06	06/09/22 18:08	1
Hexachlorobutadiene	<0.20		0.20	0.064	mg/Kg	✱	06/06/22 14:06	06/09/22 18:08	1
Hexachlorocyclopentadiene	<0.82		0.82	0.23	mg/Kg	✱	06/06/22 14:06	06/09/22 18:08	1
Hexachloroethane	<0.20		0.20	0.062	mg/Kg	✱	06/06/22 14:06	06/09/22 18:08	1

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# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-107(4-9)-052422**

**Lab Sample ID: 500-217164-12**

**Date Collected: 05/24/22 22:25**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 79.3**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.015</b>	<b>J*3</b>	0.040	0.011	mg/Kg	☼	06/06/22 14:06	06/09/22 18:08	1
Isophorone	<0.20		0.20	0.046	mg/Kg	☼	06/06/22 14:06	06/09/22 18:08	1
Naphthalene	<0.040		0.040	0.0063	mg/Kg	☼	06/06/22 14:06	06/09/22 18:08	1
Nitrobenzene	<0.040		0.040	0.010	mg/Kg	☼	06/06/22 14:06	06/09/22 18:08	1
N-Nitrosodi-n-propylamine	<0.082		0.082	0.050	mg/Kg	☼	06/06/22 14:06	06/09/22 18:08	1
N-Nitrosodiphenylamine	<0.20		0.20	0.048	mg/Kg	☼	06/06/22 14:06	06/09/22 18:08	1
Pentachlorophenol	<0.82		0.82	0.65	mg/Kg	☼	06/06/22 14:06	06/09/22 18:08	1
<b>Phenanthrene</b>	<b>0.011</b>	<b>J</b>	0.040	0.0057	mg/Kg	☼	06/06/22 14:06	06/09/22 18:08	1
Phenol	<0.20		0.20	0.090	mg/Kg	☼	06/06/22 14:06	06/09/22 18:08	1
<b>Pyrene</b>	<b>0.026</b>	<b>J</b>	0.040	0.0081	mg/Kg	☼	06/06/22 14:06	06/09/22 18:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>2,4,6-Tribromophenol (Surr)</i>	52		31 - 143	06/06/22 14:06	06/09/22 18:08	1
<i>2-Fluorobiphenyl (Surr)</i>	60		43 - 145	06/06/22 14:06	06/09/22 18:08	1
<i>2-Fluorophenol (Surr)</i>	75		31 - 166	06/06/22 14:06	06/09/22 18:08	1
<i>Nitrobenzene-d5 (Surr)</i>	66		37 - 147	06/06/22 14:06	06/09/22 18:08	1
<i>Phenol-d5 (Surr)</i>	67		30 - 153	06/06/22 14:06	06/09/22 18:08	1
<i>Terphenyl-d14 (Surr)</i>	81		42 - 157	06/06/22 14:06	06/09/22 18:08	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/22 07:54	06/03/22 21:05	1
<b>Barium</b>	<b>0.53</b>		0.50	0.050	mg/L		06/03/22 07:54	06/03/22 21:05	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/22 07:54	06/03/22 21:05	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/22 07:54	06/03/22 21:05	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 21:05	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 21:05	1
Copper	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 21:05	1
Iron	<0.40		0.40	0.20	mg/L		06/03/22 07:54	06/03/22 21:05	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/22 07:54	06/03/22 21:05	1
<b>Manganese</b>	<b>1.6</b>		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 21:05	1
<b>Nickel</b>	<b>0.033</b>		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 21:05	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/22 07:54	06/03/22 21:05	1
Silver	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 21:05	1
Zinc	<0.50		0.50	0.020	mg/L		06/03/22 07:54	06/03/22 21:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.062</b>		0.050	0.010	mg/L		06/03/22 07:58	06/03/22 16:51	1
<b>Barium</b>	<b>0.43</b>	<b>J</b>	0.50	0.050	mg/L		06/03/22 07:58	06/03/22 16:51	1
<b>Beryllium</b>	<b>0.0054</b>		0.0040	0.0040	mg/L		06/03/22 07:58	06/03/22 16:51	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/22 07:58	06/03/22 16:51	1
<b>Chromium</b>	<b>0.13</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:51	1
<b>Cobalt</b>	<b>0.023</b>	<b>J</b>	0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:51	1
<b>Copper</b>	<b>0.098</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:51	1
<b>Iron</b>	<b>140</b>		0.40	0.20	mg/L		06/03/22 07:58	06/03/22 16:51	1
<b>Lead</b>	<b>0.036</b>		0.0075	0.0075	mg/L		06/03/22 07:58	06/03/22 16:51	1
<b>Manganese</b>	<b>0.46</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:51	1
<b>Nickel</b>	<b>0.092</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:51	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/22 07:58	06/03/22 16:51	1

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# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-107(4-9)-052422**

**Lab Sample ID: 500-217164-12**

Date Collected: 05/24/22 22:25

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 79.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:51	1
<b>Zinc</b>	<b>0.40</b>	<b>J</b>	0.50	0.020	mg/L		06/03/22 07:58	06/03/22 16:51	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>9900</b>		12	4.8	mg/Kg	☆	06/02/22 09:47	06/03/22 14:13	1
<b>Antimony</b>	<b>0.34</b>	<b>J</b>	1.2	0.23	mg/Kg	☆	06/02/22 09:47	06/03/22 14:13	1
<b>Arsenic</b>	<b>6.7</b>		0.59	0.20	mg/Kg	☆	06/02/22 09:47	06/03/22 14:13	1
<b>Barium</b>	<b>83</b>		0.59	0.068	mg/Kg	☆	06/02/22 09:47	06/03/22 14:13	1
<b>Beryllium</b>	<b>0.65</b>		0.24	0.055	mg/Kg	☆	06/02/22 09:47	06/03/22 14:13	1
Cadmium	<0.12		0.12	0.021	mg/Kg	☆	06/02/22 09:47	06/03/22 14:13	1
<b>Calcium</b>	<b>6200</b>		12	2.0	mg/Kg	☆	06/02/22 09:47	06/03/22 14:13	1
<b>Chromium</b>	<b>15</b>		0.59	0.29	mg/Kg	☆	06/02/22 09:47	06/03/22 14:13	1
<b>Cobalt</b>	<b>8.3</b>		0.30	0.078	mg/Kg	☆	06/02/22 09:47	06/03/22 14:13	1
<b>Copper</b>	<b>15</b>	<b>B</b>	0.59	0.17	mg/Kg	☆	06/02/22 09:47	06/03/22 14:13	1
<b>Iron</b>	<b>16000</b>		12	6.2	mg/Kg	☆	06/02/22 09:47	06/03/22 14:13	1
<b>Lead</b>	<b>11</b>		0.30	0.14	mg/Kg	☆	06/02/22 09:47	06/03/22 14:13	1
<b>Magnesium</b>	<b>5000</b>		5.9	2.9	mg/Kg	☆	06/02/22 09:47	06/03/22 14:13	1
<b>Manganese</b>	<b>320</b>		0.59	0.086	mg/Kg	☆	06/02/22 09:47	06/03/22 14:13	1
<b>Nickel</b>	<b>23</b>		0.59	0.17	mg/Kg	☆	06/02/22 09:47	06/03/22 14:13	1
<b>Potassium</b>	<b>800</b>		30	11	mg/Kg	☆	06/02/22 09:47	06/03/22 14:13	1
Selenium	<0.59		0.59	0.35	mg/Kg	☆	06/02/22 09:47	06/03/22 14:13	1
<b>Silver</b>	<b>0.43</b>		0.30	0.077	mg/Kg	☆	06/02/22 09:47	06/03/22 14:13	1
<b>Sodium</b>	<b>780</b>		59	8.8	mg/Kg	☆	06/02/22 09:47	06/03/22 14:13	1
Thallium	<0.59		0.59	0.30	mg/Kg	☆	06/02/22 09:47	06/03/22 14:13	1
<b>Vanadium</b>	<b>22</b>		0.30	0.070	mg/Kg	☆	06/02/22 09:47	06/03/22 14:13	1
<b>Zinc</b>	<b>65</b>		1.2	0.52	mg/Kg	☆	06/02/22 09:47	06/03/22 14:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/02/22 15:10	06/03/22 09:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/02/22 15:10	06/03/22 11:51	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.030</b>		0.020	0.0067	mg/Kg	☆	05/31/22 16:00	06/01/22 07:59	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>7.5</b>		0.2	0.2	SU			05/27/22 13:39	1

# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-108(0-4)-052422**

**Lab Sample ID: 500-217164-13**

Date Collected: 05/24/22 22:50

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 80.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>0.040</b>		0.020	0.0087	mg/Kg	✳	05/26/22 17:29	06/01/22 15:32	1
Benzene	<0.0020		0.0020	0.00051	mg/Kg	✳	05/26/22 17:29	06/01/22 15:32	1
Bromodichloromethane	<0.0020		0.0020	0.00041	mg/Kg	✳	05/26/22 17:29	06/01/22 15:32	1
Bromoform	<0.0020		0.0020	0.00058	mg/Kg	✳	05/26/22 17:29	06/01/22 15:32	1
Bromomethane	<0.0050		0.0050	0.0019	mg/Kg	✳	05/26/22 17:29	06/01/22 15:32	1
Carbon disulfide	<0.0050		0.0050	0.0010	mg/Kg	✳	05/26/22 17:29	06/01/22 15:32	1
Carbon tetrachloride	<0.0020		0.0020	0.00058	mg/Kg	✳	05/26/22 17:29	06/01/22 15:32	1
Chlorobenzene	<0.0020		0.0020	0.00074	mg/Kg	✳	05/26/22 17:29	06/01/22 15:32	1
Chloroethane	<0.0050		0.0050	0.0015	mg/Kg	✳	05/26/22 17:29	06/01/22 15:32	1
Chloroform	<0.0020		0.0020	0.00069	mg/Kg	✳	05/26/22 17:29	06/01/22 15:32	1
Chloromethane	<0.0050		0.0050	0.0020	mg/Kg	✳	05/26/22 17:29	06/01/22 15:32	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00056	mg/Kg	✳	05/26/22 17:29	06/01/22 15:32	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00060	mg/Kg	✳	05/26/22 17:29	06/01/22 15:32	1
Dibromochloromethane	<0.0020		0.0020	0.00065	mg/Kg	✳	05/26/22 17:29	06/01/22 15:32	1
1,1-Dichloroethane	<0.0020		0.0020	0.00068	mg/Kg	✳	05/26/22 17:29	06/01/22 15:32	1
1,2-Dichloroethane	<0.0050		0.0050	0.0016	mg/Kg	✳	05/26/22 17:29	06/01/22 15:32	1
1,1-Dichloroethene	<0.0020		0.0020	0.00069	mg/Kg	✳	05/26/22 17:29	06/01/22 15:32	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg	✳	05/26/22 17:29	06/01/22 15:32	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00070	mg/Kg	✳	05/26/22 17:29	06/01/22 15:32	1
Ethylbenzene	<0.0020		0.0020	0.00096	mg/Kg	✳	05/26/22 17:29	06/01/22 15:32	1
2-Hexanone	<0.0050		0.0050	0.0016	mg/Kg	✳	05/26/22 17:29	06/01/22 15:32	1
Methylene Chloride	<0.0050		0.0050	0.0020	mg/Kg	✳	05/26/22 17:29	06/01/22 15:32	1
<b>Methyl Ethyl Ketone</b>	<b>0.0098</b>		0.0050	0.0022	mg/Kg	✳	05/26/22 17:29	06/01/22 15:32	1
methyl isobutyl ketone	<0.0050		0.0050	0.0015	mg/Kg	✳	05/26/22 17:29	06/01/22 15:32	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00059	mg/Kg	✳	05/26/22 17:29	06/01/22 15:32	1
Styrene	<0.0020		0.0020	0.00060	mg/Kg	✳	05/26/22 17:29	06/01/22 15:32	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00064	mg/Kg	✳	05/26/22 17:29	06/01/22 15:32	1
Tetrachloroethene	<0.0020		0.0020	0.00068	mg/Kg	✳	05/26/22 17:29	06/01/22 15:32	1
Toluene	<0.0020		0.0020	0.00050	mg/Kg	✳	05/26/22 17:29	06/01/22 15:32	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00089	mg/Kg	✳	05/26/22 17:29	06/01/22 15:32	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00070	mg/Kg	✳	05/26/22 17:29	06/01/22 15:32	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00067	mg/Kg	✳	05/26/22 17:29	06/01/22 15:32	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00086	mg/Kg	✳	05/26/22 17:29	06/01/22 15:32	1
Trichloroethene	<0.0020		0.0020	0.00068	mg/Kg	✳	05/26/22 17:29	06/01/22 15:32	1
Vinyl chloride	<0.0020		0.0020	0.00088	mg/Kg	✳	05/26/22 17:29	06/01/22 15:32	1
Xylenes, Total	<0.0040		0.0040	0.00064	mg/Kg	✳	05/26/22 17:29	06/01/22 15:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		75 - 131	05/26/22 17:29	06/01/22 15:32	1
Dibromofluoromethane (Surr)	108		75 - 126	05/26/22 17:29	06/01/22 15:32	1
1,2-Dichloroethane-d4 (Surr)	119		70 - 134	05/26/22 17:29	06/01/22 15:32	1
Toluene-d8 (Surr)	98		75 - 124	05/26/22 17:29	06/01/22 15:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.043	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
1,4-Dichlorobenzene	<0.20		0.20	0.051	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1

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# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-108(0-4)-052422**

**Lab Sample ID: 500-217164-13**

**Date Collected: 05/24/22 22:50**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 80.2**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.090	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
2,4,6-Trichlorophenol	<0.39		0.39	0.14	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
2,4-Dichlorophenol	<0.39		0.39	0.094	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
2,4-Dinitrophenol	<0.80		0.80	0.69	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
2,4-Dinitrotoluene	<0.20		0.20	0.063	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
2,6-Dinitrotoluene	<0.20		0.20	0.078	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
2-Chlorophenol	<0.20		0.20	0.067	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
2-Methylnaphthalene	<0.080		0.080	0.0073	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
2-Nitrophenol	<0.39		0.39	0.093	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
3 & 4 Methylphenol	<0.20		0.20	0.066	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
4,6-Dinitro-2-methylphenol	<0.80		0.80	0.32	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
4-Chloroaniline	<0.80		0.80	0.19	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
4-Nitroaniline	<0.39		0.39	0.17	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
4-Nitrophenol	<0.80		0.80	0.38	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
Acenaphthene	<0.039		0.039	0.0071	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
Anthracene	<0.039		0.039	0.0066	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
Benzo[a]anthracene	<0.039		0.039	0.0053	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
Benzo[a]pyrene	<0.039		0.039	0.0076	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
Benzo[b]fluoranthene	<0.039		0.039	0.0085	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
Benzo[g,h,i]perylene	<0.039		0.039	0.013	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
Benzo[k]fluoranthene	<0.039		0.039	0.012	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
Butyl benzyl phthalate	<0.20		0.20	0.075	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
Carbazole	<0.20		0.20	0.099	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
Chrysene	<0.039		0.039	0.011	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
Dibenz(a,h)anthracene	<0.039		0.039	0.0076	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
Diethyl phthalate	<0.20		0.20	0.067	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
Dimethyl phthalate	<0.20		0.20	0.052	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
Fluoranthene	<0.039		0.039	0.0073	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
Fluorene	<0.039		0.039	0.0055	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
Hexachlorobenzene	<0.080		0.080	0.0091	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
Hexachlorocyclopentadiene	<0.80		0.80	0.23	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1
Hexachloroethane	<0.20		0.20	0.060	mg/Kg	✳	06/06/22 14:06	06/07/22 18:07	1

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# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-108(0-4)-052422**

**Lab Sample ID: 500-217164-13**

**Date Collected: 05/24/22 22:50**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 80.2**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.039		0.039	0.010	mg/Kg	☼	06/06/22 14:06	06/07/22 18:07	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	06/06/22 14:06	06/07/22 18:07	1
Naphthalene	<0.039		0.039	0.0061	mg/Kg	☼	06/06/22 14:06	06/07/22 18:07	1
Nitrobenzene	<0.039		0.039	0.0098	mg/Kg	☼	06/06/22 14:06	06/07/22 18:07	1
N-Nitrosodi-n-propylamine	<0.080		0.080	0.048	mg/Kg	☼	06/06/22 14:06	06/07/22 18:07	1
N-Nitrosodiphenylamine	<0.20		0.20	0.047	mg/Kg	☼	06/06/22 14:06	06/07/22 18:07	1
Pentachlorophenol	<0.80		0.80	0.63	mg/Kg	☼	06/06/22 14:06	06/07/22 18:07	1
Phenanthrene	<0.039		0.039	0.0055	mg/Kg	☼	06/06/22 14:06	06/07/22 18:07	1
Phenol	<0.20		0.20	0.088	mg/Kg	☼	06/06/22 14:06	06/07/22 18:07	1
Pyrene	<0.039		0.039	0.0078	mg/Kg	☼	06/06/22 14:06	06/07/22 18:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	113		31 - 143				06/06/22 14:06	06/07/22 18:07	1
2-Fluorobiphenyl (Surr)	62		43 - 145				06/06/22 14:06	06/07/22 18:07	1
2-Fluorophenol (Surr)	80		31 - 166				06/06/22 14:06	06/07/22 18:07	1
Nitrobenzene-d5 (Surr)	49		37 - 147				06/06/22 14:06	06/07/22 18:07	1
Phenol-d5 (Surr)	78		30 - 153				06/06/22 14:06	06/07/22 18:07	1
Terphenyl-d14 (Surr)	98		42 - 157				06/06/22 14:06	06/07/22 18:07	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.011</b>	<b>J</b>	0.050	0.010	mg/L		06/03/22 07:54	06/03/22 21:09	1
<b>Barium</b>	<b>0.43</b>	<b>J</b>	0.50	0.050	mg/L		06/03/22 07:54	06/03/22 21:09	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/22 07:54	06/03/22 21:09	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/22 07:54	06/03/22 21:09	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 21:09	1
<b>Cobalt</b>	<b>0.014</b>	<b>J</b>	0.025	0.010	mg/L		06/03/22 07:54	06/03/22 21:09	1
<b>Copper</b>	<b>0.011</b>	<b>J B</b>	0.025	0.010	mg/L		06/03/22 07:54	06/03/22 21:09	1
<b>Iron</b>	<b>0.36</b>	<b>J</b>	0.40	0.20	mg/L		06/03/22 07:54	06/03/22 21:09	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/22 07:54	06/03/22 21:09	1
<b>Manganese</b>	<b>5.2</b>		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 21:09	1
<b>Nickel</b>	<b>0.011</b>	<b>J</b>	0.025	0.010	mg/L		06/03/22 07:54	06/03/22 21:09	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/22 07:54	06/03/22 21:09	1
Silver	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 21:09	1
<b>Zinc</b>	<b>0.035</b>	<b>J</b>	0.50	0.020	mg/L		06/03/22 07:54	06/03/22 21:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.054</b>		0.050	0.010	mg/L		06/03/22 07:58	06/03/22 16:54	1
<b>Barium</b>	<b>0.46</b>	<b>J</b>	0.50	0.050	mg/L		06/03/22 07:58	06/03/22 16:54	1
<b>Beryllium</b>	<b>0.0052</b>		0.0040	0.0040	mg/L		06/03/22 07:58	06/03/22 16:54	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/22 07:58	06/03/22 16:54	1
<b>Chromium</b>	<b>0.10</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:54	1
<b>Cobalt</b>	<b>0.044</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:54	1
<b>Copper</b>	<b>0.10</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:54	1
<b>Iron</b>	<b>110</b>		0.40	0.20	mg/L		06/03/22 07:58	06/03/22 16:54	1
<b>Lead</b>	<b>0.054</b>		0.0075	0.0075	mg/L		06/03/22 07:58	06/03/22 16:54	1
<b>Manganese</b>	<b>0.97</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:54	1
<b>Nickel</b>	<b>0.12</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:54	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/22 07:58	06/03/22 16:54	1

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# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-108(0-4)-052422**

**Lab Sample ID: 500-217164-13**

Date Collected: 05/24/22 22:50

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 80.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:54	1
Zinc	0.29	J	0.50	0.020	mg/L		06/03/22 07:58	06/03/22 16:54	1

### Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	15000		12	4.7	mg/Kg	☆	06/02/22 09:47	06/03/22 14:16	1
Antimony	0.40	J	1.2	0.22	mg/Kg	☆	06/02/22 09:47	06/03/22 14:16	1
Arsenic	9.8		0.58	0.20	mg/Kg	☆	06/02/22 09:47	06/03/22 14:16	1
Barium	85		0.58	0.066	mg/Kg	☆	06/02/22 09:47	06/03/22 14:16	1
Beryllium	0.99		0.23	0.054	mg/Kg	☆	06/02/22 09:47	06/03/22 14:16	1
Cadmium	0.16	J B	0.23	0.042	mg/Kg	☆	06/02/22 09:47	06/06/22 11:20	2
Calcium	2200		12	2.0	mg/Kg	☆	06/02/22 09:47	06/03/22 14:16	1
Chromium	20		0.58	0.29	mg/Kg	☆	06/02/22 09:47	06/03/22 14:16	1
Cobalt	17		0.29	0.076	mg/Kg	☆	06/02/22 09:47	06/03/22 14:16	1
Copper	26	B	0.58	0.16	mg/Kg	☆	06/02/22 09:47	06/03/22 14:16	1
Iron	26000		12	6.0	mg/Kg	☆	06/02/22 09:47	06/03/22 14:16	1
Lead	18		0.29	0.13	mg/Kg	☆	06/02/22 09:47	06/03/22 14:16	1
Magnesium	4200		5.8	2.9	mg/Kg	☆	06/02/22 09:47	06/03/22 14:16	1
Manganese	420		0.58	0.084	mg/Kg	☆	06/02/22 09:47	06/03/22 14:16	1
Nickel	41		0.58	0.17	mg/Kg	☆	06/02/22 09:47	06/03/22 14:16	1
Potassium	1700		29	10	mg/Kg	☆	06/02/22 09:47	06/03/22 14:16	1
Selenium	<0.58		0.58	0.34	mg/Kg	☆	06/02/22 09:47	06/03/22 14:16	1
Silver	0.46		0.29	0.074	mg/Kg	☆	06/02/22 09:47	06/03/22 14:16	1
Sodium	470		58	8.5	mg/Kg	☆	06/02/22 09:47	06/03/22 14:16	1
Thallium	0.87		0.58	0.29	mg/Kg	☆	06/02/22 09:47	06/03/22 14:16	1
Vanadium	28		0.29	0.068	mg/Kg	☆	06/02/22 09:47	06/03/22 14:16	1
Zinc	73		1.2	0.51	mg/Kg	☆	06/02/22 09:47	06/03/22 14:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00078		0.00020	0.00020	mg/L		06/02/22 15:10	06/03/22 09:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/02/22 15:10	06/03/22 11:58	1

### Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.043		0.020	0.0068	mg/Kg	☆	05/31/22 16:00	06/01/22 08:05	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.2		0.2	0.2	SU			05/27/22 13:39	1

# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-108(4-9)-052422**

**Lab Sample ID: 500-217164-14**

**Date Collected: 05/24/22 22:55**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 87.8**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0075	mg/Kg	✳	05/26/22 17:29	06/01/22 15:58	1
Benzene	<0.0017		0.0017	0.00044	mg/Kg	✳	05/26/22 17:29	06/01/22 15:58	1
Bromodichloromethane	<0.0017		0.0017	0.00035	mg/Kg	✳	05/26/22 17:29	06/01/22 15:58	1
Bromoform	<0.0017		0.0017	0.00050	mg/Kg	✳	05/26/22 17:29	06/01/22 15:58	1
Bromomethane	<0.0043		0.0043	0.0016	mg/Kg	✳	05/26/22 17:29	06/01/22 15:58	1
Carbon disulfide	<0.0043		0.0043	0.00090	mg/Kg	✳	05/26/22 17:29	06/01/22 15:58	1
Carbon tetrachloride	<0.0017		0.0017	0.00050	mg/Kg	✳	05/26/22 17:29	06/01/22 15:58	1
Chlorobenzene	<0.0017		0.0017	0.00064	mg/Kg	✳	05/26/22 17:29	06/01/22 15:58	1
Chloroethane	<0.0043		0.0043	0.0013	mg/Kg	✳	05/26/22 17:29	06/01/22 15:58	1
Chloroform	<0.0017		0.0017	0.00060	mg/Kg	✳	05/26/22 17:29	06/01/22 15:58	1
Chloromethane	<0.0043		0.0043	0.0017	mg/Kg	✳	05/26/22 17:29	06/01/22 15:58	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00048	mg/Kg	✳	05/26/22 17:29	06/01/22 15:58	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00052	mg/Kg	✳	05/26/22 17:29	06/01/22 15:58	1
Dibromochloromethane	<0.0017		0.0017	0.00057	mg/Kg	✳	05/26/22 17:29	06/01/22 15:58	1
1,1-Dichloroethane	<0.0017		0.0017	0.00059	mg/Kg	✳	05/26/22 17:29	06/01/22 15:58	1
1,2-Dichloroethane	<0.0043		0.0043	0.0013	mg/Kg	✳	05/26/22 17:29	06/01/22 15:58	1
1,1-Dichloroethene	<0.0017		0.0017	0.00059	mg/Kg	✳	05/26/22 17:29	06/01/22 15:58	1
1,2-Dichloropropane	<0.0017		0.0017	0.00045	mg/Kg	✳	05/26/22 17:29	06/01/22 15:58	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00061	mg/Kg	✳	05/26/22 17:29	06/01/22 15:58	1
Ethylbenzene	<0.0017		0.0017	0.00083	mg/Kg	✳	05/26/22 17:29	06/01/22 15:58	1
2-Hexanone	<0.0043		0.0043	0.0013	mg/Kg	✳	05/26/22 17:29	06/01/22 15:58	1
Methylene Chloride	<0.0043		0.0043	0.0017	mg/Kg	✳	05/26/22 17:29	06/01/22 15:58	1
Methyl Ethyl Ketone	<0.0043		0.0043	0.0019	mg/Kg	✳	05/26/22 17:29	06/01/22 15:58	1
methyl isobutyl ketone	<0.0043		0.0043	0.0013	mg/Kg	✳	05/26/22 17:29	06/01/22 15:58	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00051	mg/Kg	✳	05/26/22 17:29	06/01/22 15:58	1
Styrene	<0.0017		0.0017	0.00052	mg/Kg	✳	05/26/22 17:29	06/01/22 15:58	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00055	mg/Kg	✳	05/26/22 17:29	06/01/22 15:58	1
Tetrachloroethene	<0.0017		0.0017	0.00059	mg/Kg	✳	05/26/22 17:29	06/01/22 15:58	1
Toluene	<0.0017		0.0017	0.00044	mg/Kg	✳	05/26/22 17:29	06/01/22 15:58	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00077	mg/Kg	✳	05/26/22 17:29	06/01/22 15:58	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00061	mg/Kg	✳	05/26/22 17:29	06/01/22 15:58	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00058	mg/Kg	✳	05/26/22 17:29	06/01/22 15:58	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00074	mg/Kg	✳	05/26/22 17:29	06/01/22 15:58	1
Trichloroethene	<0.0017		0.0017	0.00058	mg/Kg	✳	05/26/22 17:29	06/01/22 15:58	1
Vinyl chloride	<0.0017		0.0017	0.00076	mg/Kg	✳	05/26/22 17:29	06/01/22 15:58	1
Xylenes, Total	<0.0035		0.0035	0.00055	mg/Kg	✳	05/26/22 17:29	06/01/22 15:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		75 - 131	05/26/22 17:29	06/01/22 15:58	1
Dibromofluoromethane (Surr)	109		75 - 126	05/26/22 17:29	06/01/22 15:58	1
1,2-Dichloroethane-d4 (Surr)	119		70 - 134	05/26/22 17:29	06/01/22 15:58	1
Toluene-d8 (Surr)	99		75 - 124	05/26/22 17:29	06/01/22 15:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	✳	06/06/22 14:06	06/07/22 18:31	1
1,2-Dichlorobenzene	<0.19		0.19	0.044	mg/Kg	✳	06/06/22 14:06	06/07/22 18:31	1
1,3-Dichlorobenzene	<0.19		0.19	0.041	mg/Kg	✳	06/06/22 14:06	06/07/22 18:31	1
1,4-Dichlorobenzene	<0.19		0.19	0.047	mg/Kg	✳	06/06/22 14:06	06/07/22 18:31	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	✳	06/06/22 14:06	06/07/22 18:31	1

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# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-108(4-9)-052422**

**Lab Sample ID: 500-217164-14**

**Date Collected: 05/24/22 22:55**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 87.8**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.084	mg/Kg	✱	06/06/22 14:06	06/07/22 18:31	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	✱	06/06/22 14:06	06/07/22 18:31	1
2,4-Dichlorophenol	<0.37		0.37	0.088	mg/Kg	✱	06/06/22 14:06	06/07/22 18:31	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	✱	06/06/22 14:06	06/07/22 18:31	1
2,4-Dinitrophenol	<0.74		0.74	0.65	mg/Kg	✱	06/06/22 14:06	06/07/22 18:31	1
2,4-Dinitrotoluene	<0.19		0.19	0.059	mg/Kg	✱	06/06/22 14:06	06/07/22 18:31	1
2,6-Dinitrotoluene	<0.19		0.19	0.072	mg/Kg	✱	06/06/22 14:06	06/07/22 18:31	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	✱	06/06/22 14:06	06/07/22 18:31	1
2-Chlorophenol	<0.19		0.19	0.063	mg/Kg	✱	06/06/22 14:06	06/07/22 18:31	1
2-Methylnaphthalene	<0.074		0.074	0.0068	mg/Kg	✱	06/06/22 14:06	06/07/22 18:31	1
2-Methylphenol	<0.19		0.19	0.059	mg/Kg	✱	06/06/22 14:06	06/07/22 18:31	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	✱	06/06/22 14:06	06/07/22 18:31	1
2-Nitrophenol	<0.37		0.37	0.087	mg/Kg	✱	06/06/22 14:06	06/07/22 18:31	1
3 & 4 Methylphenol	<0.19		0.19	0.061	mg/Kg	✱	06/06/22 14:06	06/07/22 18:31	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.052	mg/Kg	✱	06/06/22 14:06	06/07/22 18:31	1
3-Nitroaniline	<0.37		0.37	0.11	mg/Kg	✱	06/06/22 14:06	06/07/22 18:31	1
4,6-Dinitro-2-methylphenol	<0.74		0.74	0.30	mg/Kg	✱	06/06/22 14:06	06/07/22 18:31	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	✱	06/06/22 14:06	06/07/22 18:31	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	✱	06/06/22 14:06	06/07/22 18:31	1
4-Chloroaniline	<0.74		0.74	0.17	mg/Kg	✱	06/06/22 14:06	06/07/22 18:31	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.043	mg/Kg	✱	06/06/22 14:06	06/07/22 18:31	1
4-Nitroaniline	<0.37		0.37	0.15	mg/Kg	✱	06/06/22 14:06	06/07/22 18:31	1
4-Nitrophenol	<0.74		0.74	0.35	mg/Kg	✱	06/06/22 14:06	06/07/22 18:31	1
Acenaphthene	<0.037		0.037	0.0066	mg/Kg	✱	06/06/22 14:06	06/07/22 18:31	1
Acenaphthylene	<0.037		0.037	0.0049	mg/Kg	✱	06/06/22 14:06	06/07/22 18:31	1
Anthracene	<0.037		0.037	0.0062	mg/Kg	✱	06/06/22 14:06	06/07/22 18:31	1
Benzo[a]anthracene	<0.037		0.037	0.0050	mg/Kg	✱	06/06/22 14:06	06/07/22 18:31	1
Benzo[a]pyrene	<0.037		0.037	0.0071	mg/Kg	✱	06/06/22 14:06	06/07/22 18:31	1
Benzo[b]fluoranthene	<0.037		0.037	0.0080	mg/Kg	✱	06/06/22 14:06	06/07/22 18:31	1
Benzo[g,h,i]perylene	<0.037		0.037	0.012	mg/Kg	✱	06/06/22 14:06	06/07/22 18:31	1
Benzo[k]fluoranthene	<0.037		0.037	0.011	mg/Kg	✱	06/06/22 14:06	06/07/22 18:31	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	✱	06/06/22 14:06	06/07/22 18:31	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.055	mg/Kg	✱	06/06/22 14:06	06/07/22 18:31	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.067	mg/Kg	✱	06/06/22 14:06	06/07/22 18:31	1
Butyl benzyl phthalate	<0.19		0.19	0.070	mg/Kg	✱	06/06/22 14:06	06/07/22 18:31	1
Carbazole	<0.19		0.19	0.092	mg/Kg	✱	06/06/22 14:06	06/07/22 18:31	1
Chrysene	<0.037		0.037	0.010	mg/Kg	✱	06/06/22 14:06	06/07/22 18:31	1
Dibenz(a,h)anthracene	<0.037		0.037	0.0071	mg/Kg	✱	06/06/22 14:06	06/07/22 18:31	1
Dibenzofuran	<0.19		0.19	0.043	mg/Kg	✱	06/06/22 14:06	06/07/22 18:31	1
Diethyl phthalate	<0.19		0.19	0.062	mg/Kg	✱	06/06/22 14:06	06/07/22 18:31	1
Dimethyl phthalate	<0.19		0.19	0.048	mg/Kg	✱	06/06/22 14:06	06/07/22 18:31	1
Di-n-butyl phthalate	<0.19		0.19	0.056	mg/Kg	✱	06/06/22 14:06	06/07/22 18:31	1
Di-n-octyl phthalate	<0.19		0.19	0.060	mg/Kg	✱	06/06/22 14:06	06/07/22 18:31	1
Fluoranthene	<0.037		0.037	0.0068	mg/Kg	✱	06/06/22 14:06	06/07/22 18:31	1
Fluorene	<0.037		0.037	0.0052	mg/Kg	✱	06/06/22 14:06	06/07/22 18:31	1
Hexachlorobenzene	<0.074		0.074	0.0085	mg/Kg	✱	06/06/22 14:06	06/07/22 18:31	1
Hexachlorobutadiene	<0.19		0.19	0.058	mg/Kg	✱	06/06/22 14:06	06/07/22 18:31	1
Hexachlorocyclopentadiene	<0.74		0.74	0.21	mg/Kg	✱	06/06/22 14:06	06/07/22 18:31	1
Hexachloroethane	<0.19		0.19	0.056	mg/Kg	✱	06/06/22 14:06	06/07/22 18:31	1

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# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-108(4-9)-052422**

**Lab Sample ID: 500-217164-14**

**Date Collected: 05/24/22 22:55**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 87.8**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.037		0.037	0.0096	mg/Kg	☼	06/06/22 14:06	06/07/22 18:31	1
Isophorone	<0.19		0.19	0.041	mg/Kg	☼	06/06/22 14:06	06/07/22 18:31	1
Naphthalene	<0.037		0.037	0.0057	mg/Kg	☼	06/06/22 14:06	06/07/22 18:31	1
Nitrobenzene	<0.037		0.037	0.0092	mg/Kg	☼	06/06/22 14:06	06/07/22 18:31	1
N-Nitrosodi-n-propylamine	<0.074		0.074	0.045	mg/Kg	☼	06/06/22 14:06	06/07/22 18:31	1
N-Nitrosodiphenylamine	<0.19		0.19	0.043	mg/Kg	☼	06/06/22 14:06	06/07/22 18:31	1
Pentachlorophenol	<0.74		0.74	0.59	mg/Kg	☼	06/06/22 14:06	06/07/22 18:31	1
Phenanthrene	<0.037		0.037	0.0051	mg/Kg	☼	06/06/22 14:06	06/07/22 18:31	1
Phenol	<0.19		0.19	0.082	mg/Kg	☼	06/06/22 14:06	06/07/22 18:31	1
Pyrene	<0.037		0.037	0.0073	mg/Kg	☼	06/06/22 14:06	06/07/22 18:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	105		31 - 143				06/06/22 14:06	06/07/22 18:31	1
2-Fluorobiphenyl (Surr)	99		43 - 145				06/06/22 14:06	06/07/22 18:31	1
2-Fluorophenol (Surr)	102		31 - 166				06/06/22 14:06	06/07/22 18:31	1
Nitrobenzene-d5 (Surr)	80		37 - 147				06/06/22 14:06	06/07/22 18:31	1
Phenol-d5 (Surr)	90		30 - 153				06/06/22 14:06	06/07/22 18:31	1
Terphenyl-d14 (Surr)	100		42 - 157				06/06/22 14:06	06/07/22 18:31	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/22 07:54	06/03/22 21:12	1
<b>Barium</b>	<b>0.44</b>	<b>J</b>	0.50	0.050	mg/L		06/03/22 07:54	06/03/22 21:12	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/22 07:54	06/03/22 21:12	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/22 07:54	06/03/22 21:12	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 21:12	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 21:12	1
Copper	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 21:12	1
Iron	<0.40		0.40	0.20	mg/L		06/03/22 07:54	06/03/22 21:12	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/22 07:54	06/03/22 21:12	1
<b>Manganese</b>	<b>2.4</b>		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 21:12	1
Nickel	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 21:12	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/22 07:54	06/03/22 21:12	1
Silver	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 21:12	1
Zinc	<0.50		0.50	0.020	mg/L		06/03/22 07:54	06/03/22 21:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.067</b>		0.050	0.010	mg/L		06/03/22 07:58	06/03/22 16:58	1
<b>Barium</b>	<b>0.42</b>	<b>J</b>	0.50	0.050	mg/L		06/03/22 07:58	06/03/22 16:58	1
<b>Beryllium</b>	<b>0.0067</b>		0.0040	0.0040	mg/L		06/03/22 07:58	06/03/22 16:58	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/22 07:58	06/03/22 16:58	1
<b>Chromium</b>	<b>0.13</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:58	1
<b>Cobalt</b>	<b>0.065</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:58	1
<b>Copper</b>	<b>0.16</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:58	1
<b>Iron</b>	<b>140</b>		0.40	0.20	mg/L		06/03/22 07:58	06/03/22 16:58	1
<b>Lead</b>	<b>0.056</b>		0.0075	0.0075	mg/L		06/03/22 07:58	06/03/22 16:58	1
<b>Manganese</b>	<b>1.0</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:58	1
<b>Nickel</b>	<b>0.18</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:58	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/22 07:58	06/03/22 16:58	1

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# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-108(4-9)-052422**

**Lab Sample ID: 500-217164-14**

Date Collected: 05/24/22 22:55

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 87.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 16:58	1
<b>Zinc</b>	<b>0.41</b>	<b>J</b>	0.50	0.020	mg/L		06/03/22 07:58	06/03/22 16:58	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>9900</b>		11	4.6	mg/Kg	☆	06/02/22 09:47	06/03/22 14:19	1
<b>Antimony</b>	<b>0.56</b>	<b>J</b>	1.1	0.22	mg/Kg	☆	06/02/22 09:47	06/03/22 14:19	1
<b>Arsenic</b>	<b>8.1</b>		0.57	0.19	mg/Kg	☆	06/02/22 09:47	06/03/22 14:19	1
<b>Barium</b>	<b>52</b>		0.57	0.065	mg/Kg	☆	06/02/22 09:47	06/03/22 14:19	1
<b>Beryllium</b>	<b>0.75</b>		0.23	0.053	mg/Kg	☆	06/02/22 09:47	06/03/22 14:19	1
Cadmium	<0.11		0.11	0.020	mg/Kg	☆	06/02/22 09:47	06/03/22 14:19	1
<b>Calcium</b>	<b>69000</b>		57	9.6	mg/Kg	☆	06/02/22 09:47	06/06/22 11:23	5
<b>Chromium</b>	<b>14</b>		0.57	0.28	mg/Kg	☆	06/02/22 09:47	06/03/22 14:19	1
<b>Cobalt</b>	<b>13</b>		0.28	0.075	mg/Kg	☆	06/02/22 09:47	06/03/22 14:19	1
<b>Copper</b>	<b>20</b>	<b>B</b>	0.57	0.16	mg/Kg	☆	06/02/22 09:47	06/03/22 14:19	1
<b>Iron</b>	<b>18000</b>		11	5.9	mg/Kg	☆	06/02/22 09:47	06/03/22 14:19	1
<b>Lead</b>	<b>13</b>		0.28	0.13	mg/Kg	☆	06/02/22 09:47	06/03/22 14:19	1
<b>Magnesium</b>	<b>26000</b>		5.7	2.8	mg/Kg	☆	06/02/22 09:47	06/03/22 14:19	1
<b>Manganese</b>	<b>380</b>		0.57	0.082	mg/Kg	☆	06/02/22 09:47	06/03/22 14:19	1
<b>Nickel</b>	<b>31</b>		0.57	0.17	mg/Kg	☆	06/02/22 09:47	06/03/22 14:19	1
<b>Potassium</b>	<b>1900</b>		28	10	mg/Kg	☆	06/02/22 09:47	06/03/22 14:19	1
Selenium	<0.57		0.57	0.33	mg/Kg	☆	06/02/22 09:47	06/03/22 14:19	1
<b>Silver</b>	<b>0.22</b>	<b>J</b>	0.28	0.073	mg/Kg	☆	06/02/22 09:47	06/03/22 14:19	1
<b>Sodium</b>	<b>400</b>		57	8.4	mg/Kg	☆	06/02/22 09:47	06/03/22 14:19	1
<b>Thallium</b>	<b>0.47</b>	<b>J</b>	0.57	0.28	mg/Kg	☆	06/02/22 09:47	06/03/22 14:19	1
<b>Vanadium</b>	<b>18</b>		0.28	0.067	mg/Kg	☆	06/02/22 09:47	06/03/22 14:19	1
<b>Zinc</b>	<b>52</b>		1.1	0.50	mg/Kg	☆	06/02/22 09:47	06/03/22 14:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/02/22 15:10	06/03/22 09:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/02/22 15:10	06/03/22 12:00	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.027</b>		0.018	0.0060	mg/Kg	☆	05/31/22 16:00	06/01/22 08:07	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>7.9</b>		0.2	0.2	SU			05/27/22 13:39	1

# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-111(0-4)-052422**

**Lab Sample ID: 500-217164-15**

**Date Collected: 05/24/22 23:00**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 80.4**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>0.038</b>		0.019	0.0084	mg/Kg	☼	05/26/22 17:29	06/01/22 16:24	1
Benzene	<0.0019		0.0019	0.00049	mg/Kg	☼	05/26/22 17:29	06/01/22 16:24	1
Bromodichloromethane	<0.0019		0.0019	0.00039	mg/Kg	☼	05/26/22 17:29	06/01/22 16:24	1
Bromoform	<0.0019		0.0019	0.00056	mg/Kg	☼	05/26/22 17:29	06/01/22 16:24	1
Bromomethane	<0.0048		0.0048	0.0018	mg/Kg	☼	05/26/22 17:29	06/01/22 16:24	1
<b>Carbon disulfide</b>	<b>0.0010</b>	<b>J</b>	0.0048	0.0010	mg/Kg	☼	05/26/22 17:29	06/01/22 16:24	1
Carbon tetrachloride	<0.0019		0.0019	0.00056	mg/Kg	☼	05/26/22 17:29	06/01/22 16:24	1
Chlorobenzene	<0.0019		0.0019	0.00071	mg/Kg	☼	05/26/22 17:29	06/01/22 16:24	1
Chloroethane	<0.0048		0.0048	0.0014	mg/Kg	☼	05/26/22 17:29	06/01/22 16:24	1
Chloroform	<0.0019		0.0019	0.00067	mg/Kg	☼	05/26/22 17:29	06/01/22 16:24	1
Chloromethane	<0.0048		0.0048	0.0019	mg/Kg	☼	05/26/22 17:29	06/01/22 16:24	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00054	mg/Kg	☼	05/26/22 17:29	06/01/22 16:24	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00058	mg/Kg	☼	05/26/22 17:29	06/01/22 16:24	1
Dibromochloromethane	<0.0019		0.0019	0.00063	mg/Kg	☼	05/26/22 17:29	06/01/22 16:24	1
1,1-Dichloroethane	<0.0019		0.0019	0.00066	mg/Kg	☼	05/26/22 17:29	06/01/22 16:24	1
1,2-Dichloroethane	<0.0048		0.0048	0.0015	mg/Kg	☼	05/26/22 17:29	06/01/22 16:24	1
1,1-Dichloroethene	<0.0019		0.0019	0.00066	mg/Kg	☼	05/26/22 17:29	06/01/22 16:24	1
1,2-Dichloropropane	<0.0019		0.0019	0.00050	mg/Kg	☼	05/26/22 17:29	06/01/22 16:24	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00068	mg/Kg	☼	05/26/22 17:29	06/01/22 16:24	1
Ethylbenzene	<0.0019		0.0019	0.00092	mg/Kg	☼	05/26/22 17:29	06/01/22 16:24	1
2-Hexanone	<0.0048		0.0048	0.0015	mg/Kg	☼	05/26/22 17:29	06/01/22 16:24	1
Methylene Chloride	<0.0048		0.0048	0.0019	mg/Kg	☼	05/26/22 17:29	06/01/22 16:24	1
<b>Methyl Ethyl Ketone</b>	<b>0.0061</b>		0.0048	0.0021	mg/Kg	☼	05/26/22 17:29	06/01/22 16:24	1
methyl isobutyl ketone	<0.0048		0.0048	0.0014	mg/Kg	☼	05/26/22 17:29	06/01/22 16:24	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00057	mg/Kg	☼	05/26/22 17:29	06/01/22 16:24	1
Styrene	<0.0019		0.0019	0.00058	mg/Kg	☼	05/26/22 17:29	06/01/22 16:24	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00062	mg/Kg	☼	05/26/22 17:29	06/01/22 16:24	1
Tetrachloroethene	<0.0019		0.0019	0.00066	mg/Kg	☼	05/26/22 17:29	06/01/22 16:24	1
Toluene	<0.0019		0.0019	0.00049	mg/Kg	☼	05/26/22 17:29	06/01/22 16:24	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00086	mg/Kg	☼	05/26/22 17:29	06/01/22 16:24	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00068	mg/Kg	☼	05/26/22 17:29	06/01/22 16:24	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00065	mg/Kg	☼	05/26/22 17:29	06/01/22 16:24	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00083	mg/Kg	☼	05/26/22 17:29	06/01/22 16:24	1
Trichloroethene	<0.0019		0.0019	0.00065	mg/Kg	☼	05/26/22 17:29	06/01/22 16:24	1
Vinyl chloride	<0.0019		0.0019	0.00085	mg/Kg	☼	05/26/22 17:29	06/01/22 16:24	1
Xylenes, Total	<0.0039		0.0039	0.00062	mg/Kg	☼	05/26/22 17:29	06/01/22 16:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		75 - 131	05/26/22 17:29	06/01/22 16:24	1
Dibromofluoromethane (Surr)	109		75 - 126	05/26/22 17:29	06/01/22 16:24	1
1,2-Dichloroethane-d4 (Surr)	118		70 - 134	05/26/22 17:29	06/01/22 16:24	1
Toluene-d8 (Surr)	97		75 - 124	05/26/22 17:29	06/01/22 16:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	06/06/22 14:06	06/07/22 18:56	1
1,2-Dichlorobenzene	<0.20		0.20	0.048	mg/Kg	☼	06/06/22 14:06	06/07/22 18:56	1
1,3-Dichlorobenzene	<0.20		0.20	0.046	mg/Kg	☼	06/06/22 14:06	06/07/22 18:56	1
1,4-Dichlorobenzene	<0.20		0.20	0.052	mg/Kg	☼	06/06/22 14:06	06/07/22 18:56	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.047	mg/Kg	☼	06/06/22 14:06	06/07/22 18:56	1

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# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-111(0-4)-052422**

**Lab Sample ID: 500-217164-15**

**Date Collected: 05/24/22 23:00**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 80.4**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.40		0.40	0.092	mg/Kg	✱	06/06/22 14:06	06/07/22 18:56	1
2,4,6-Trichlorophenol	<0.40		0.40	0.14	mg/Kg	✱	06/06/22 14:06	06/07/22 18:56	1
2,4-Dichlorophenol	<0.40		0.40	0.096	mg/Kg	✱	06/06/22 14:06	06/07/22 18:56	1
2,4-Dimethylphenol	<0.40		0.40	0.15	mg/Kg	✱	06/06/22 14:06	06/07/22 18:56	1
2,4-Dinitrophenol	<0.82		0.82	0.71	mg/Kg	✱	06/06/22 14:06	06/07/22 18:56	1
2,4-Dinitrotoluene	<0.20		0.20	0.064	mg/Kg	✱	06/06/22 14:06	06/07/22 18:56	1
2,6-Dinitrotoluene	<0.20		0.20	0.080	mg/Kg	✱	06/06/22 14:06	06/07/22 18:56	1
2-Chloronaphthalene	<0.20		0.20	0.045	mg/Kg	✱	06/06/22 14:06	06/07/22 18:56	1
2-Chlorophenol	<0.20		0.20	0.069	mg/Kg	✱	06/06/22 14:06	06/07/22 18:56	1
2-Methylnaphthalene	<0.082		0.082	0.0075	mg/Kg	✱	06/06/22 14:06	06/07/22 18:56	1
2-Methylphenol	<0.20		0.20	0.065	mg/Kg	✱	06/06/22 14:06	06/07/22 18:56	1
2-Nitroaniline	<0.20		0.20	0.055	mg/Kg	✱	06/06/22 14:06	06/07/22 18:56	1
2-Nitrophenol	<0.40		0.40	0.096	mg/Kg	✱	06/06/22 14:06	06/07/22 18:56	1
3 & 4 Methylphenol	<0.20		0.20	0.068	mg/Kg	✱	06/06/22 14:06	06/07/22 18:56	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.057	mg/Kg	✱	06/06/22 14:06	06/07/22 18:56	1
3-Nitroaniline	<0.40		0.40	0.13	mg/Kg	✱	06/06/22 14:06	06/07/22 18:56	1
4,6-Dinitro-2-methylphenol	<0.82		0.82	0.33	mg/Kg	✱	06/06/22 14:06	06/07/22 18:56	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.053	mg/Kg	✱	06/06/22 14:06	06/07/22 18:56	1
4-Chloro-3-methylphenol	<0.40		0.40	0.14	mg/Kg	✱	06/06/22 14:06	06/07/22 18:56	1
4-Chloroaniline	<0.82		0.82	0.19	mg/Kg	✱	06/06/22 14:06	06/07/22 18:56	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.047	mg/Kg	✱	06/06/22 14:06	06/07/22 18:56	1
4-Nitroaniline	<0.40		0.40	0.17	mg/Kg	✱	06/06/22 14:06	06/07/22 18:56	1
4-Nitrophenol	<0.82		0.82	0.39	mg/Kg	✱	06/06/22 14:06	06/07/22 18:56	1
Acenaphthene	<0.040		0.040	0.0073	mg/Kg	✱	06/06/22 14:06	06/07/22 18:56	1
Acenaphthylene	<0.040		0.040	0.0053	mg/Kg	✱	06/06/22 14:06	06/07/22 18:56	1
Anthracene	<0.040		0.040	0.0068	mg/Kg	✱	06/06/22 14:06	06/07/22 18:56	1
Benzo[a]anthracene	<0.040		0.040	0.0055	mg/Kg	✱	06/06/22 14:06	06/07/22 18:56	1
Benzo[a]pyrene	<0.040		0.040	0.0078	mg/Kg	✱	06/06/22 14:06	06/07/22 18:56	1
Benzo[b]fluoranthene	<0.040		0.040	0.0087	mg/Kg	✱	06/06/22 14:06	06/07/22 18:56	1
Benzo[g,h,i]perylene	<0.040		0.040	0.013	mg/Kg	✱	06/06/22 14:06	06/07/22 18:56	1
Benzo[k]fluoranthene	<0.040		0.040	0.012	mg/Kg	✱	06/06/22 14:06	06/07/22 18:56	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.041	mg/Kg	✱	06/06/22 14:06	06/07/22 18:56	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.061	mg/Kg	✱	06/06/22 14:06	06/07/22 18:56	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.074	mg/Kg	✱	06/06/22 14:06	06/07/22 18:56	1
Butyl benzyl phthalate	<0.20		0.20	0.077	mg/Kg	✱	06/06/22 14:06	06/07/22 18:56	1
Carbazole	<0.20		0.20	0.10	mg/Kg	✱	06/06/22 14:06	06/07/22 18:56	1
Chrysene	<0.040		0.040	0.011	mg/Kg	✱	06/06/22 14:06	06/07/22 18:56	1
Dibenz(a,h)anthracene	<0.040		0.040	0.0078	mg/Kg	✱	06/06/22 14:06	06/07/22 18:56	1
Dibenzofuran	<0.20		0.20	0.047	mg/Kg	✱	06/06/22 14:06	06/07/22 18:56	1
Diethyl phthalate	<0.20		0.20	0.069	mg/Kg	✱	06/06/22 14:06	06/07/22 18:56	1
Dimethyl phthalate	<0.20		0.20	0.053	mg/Kg	✱	06/06/22 14:06	06/07/22 18:56	1
Di-n-butyl phthalate	<0.20		0.20	0.062	mg/Kg	✱	06/06/22 14:06	06/07/22 18:56	1
Di-n-octyl phthalate	<0.20		0.20	0.066	mg/Kg	✱	06/06/22 14:06	06/07/22 18:56	1
Fluoranthene	<0.040		0.040	0.0075	mg/Kg	✱	06/06/22 14:06	06/07/22 18:56	1
Fluorene	<0.040		0.040	0.0057	mg/Kg	✱	06/06/22 14:06	06/07/22 18:56	1
Hexachlorobenzene	<0.082		0.082	0.0094	mg/Kg	✱	06/06/22 14:06	06/07/22 18:56	1
Hexachlorobutadiene	<0.20		0.20	0.064	mg/Kg	✱	06/06/22 14:06	06/07/22 18:56	1
Hexachlorocyclopentadiene	<0.82		0.82	0.23	mg/Kg	✱	06/06/22 14:06	06/07/22 18:56	1
Hexachloroethane	<0.20		0.20	0.062	mg/Kg	✱	06/06/22 14:06	06/07/22 18:56	1

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# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-111(0-4)-052422**

**Lab Sample ID: 500-217164-15**

**Date Collected: 05/24/22 23:00**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 80.4**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.040		0.040	0.011	mg/Kg	☼	06/06/22 14:06	06/07/22 18:56	1
Isophorone	<0.20		0.20	0.045	mg/Kg	☼	06/06/22 14:06	06/07/22 18:56	1
Naphthalene	<0.040		0.040	0.0062	mg/Kg	☼	06/06/22 14:06	06/07/22 18:56	1
Nitrobenzene	<0.040		0.040	0.010	mg/Kg	☼	06/06/22 14:06	06/07/22 18:56	1
N-Nitrosodi-n-propylamine	<0.082		0.082	0.050	mg/Kg	☼	06/06/22 14:06	06/07/22 18:56	1
N-Nitrosodiphenylamine	<0.20		0.20	0.048	mg/Kg	☼	06/06/22 14:06	06/07/22 18:56	1
Pentachlorophenol	<0.82		0.82	0.65	mg/Kg	☼	06/06/22 14:06	06/07/22 18:56	1
Phenanthrene	<0.040		0.040	0.0056	mg/Kg	☼	06/06/22 14:06	06/07/22 18:56	1
Phenol	<0.20		0.20	0.090	mg/Kg	☼	06/06/22 14:06	06/07/22 18:56	1
Pyrene	<0.040		0.040	0.0080	mg/Kg	☼	06/06/22 14:06	06/07/22 18:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	125		31 - 143				06/06/22 14:06	06/07/22 18:56	1
2-Fluorobiphenyl (Surr)	67		43 - 145				06/06/22 14:06	06/07/22 18:56	1
2-Fluorophenol (Surr)	79		31 - 166				06/06/22 14:06	06/07/22 18:56	1
Nitrobenzene-d5 (Surr)	54		37 - 147				06/06/22 14:06	06/07/22 18:56	1
Phenol-d5 (Surr)	84		30 - 153				06/06/22 14:06	06/07/22 18:56	1
Terphenyl-d14 (Surr)	101		42 - 157				06/06/22 14:06	06/07/22 18:56	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.010</b>	<b>J</b>	0.050	0.010	mg/L		06/03/22 07:54	06/03/22 21:15	1
<b>Barium</b>	<b>0.52</b>		0.50	0.050	mg/L		06/03/22 07:54	06/03/22 21:15	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/22 07:54	06/03/22 21:15	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/22 07:54	06/03/22 21:15	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 21:15	1
<b>Cobalt</b>	<b>0.018</b>	<b>J</b>	0.025	0.010	mg/L		06/03/22 07:54	06/03/22 21:15	1
Copper	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 21:15	1
Iron	<0.40		0.40	0.20	mg/L		06/03/22 07:54	06/03/22 21:15	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/22 07:54	06/03/22 21:15	1
<b>Manganese</b>	<b>12</b>		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 21:15	1
Nickel	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 21:15	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/22 07:54	06/03/22 21:15	1
Silver	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 21:15	1
<b>Zinc</b>	<b>0.022</b>	<b>J</b>	0.50	0.020	mg/L		06/03/22 07:54	06/03/22 21:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.064</b>		0.050	0.010	mg/L		06/03/22 07:58	06/03/22 17:01	1
<b>Barium</b>	<b>0.52</b>		0.50	0.050	mg/L		06/03/22 07:58	06/03/22 17:01	1
<b>Beryllium</b>	<b>0.0088</b>		0.0040	0.0040	mg/L		06/03/22 07:58	06/03/22 17:01	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/22 07:58	06/03/22 17:01	1
<b>Chromium</b>	<b>0.15</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 17:01	1
<b>Cobalt</b>	<b>0.066</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 17:01	1
<b>Copper</b>	<b>0.18</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 17:01	1
<b>Iron</b>	<b>200</b>		0.40	0.20	mg/L		06/03/22 07:58	06/03/22 17:01	1
<b>Lead</b>	<b>0.092</b>		0.0075	0.0075	mg/L		06/03/22 07:58	06/03/22 17:01	1
<b>Manganese</b>	<b>2.1</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 17:01	1
<b>Nickel</b>	<b>0.19</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 17:01	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/22 07:58	06/03/22 17:01	1

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# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-111(0-4)-052422**

**Lab Sample ID: 500-217164-15**

Date Collected: 05/24/22 23:00

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 80.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 17:01	1
<b>Zinc</b>	<b>0.39</b>	<b>J</b>	0.50	0.020	mg/L		06/03/22 07:58	06/03/22 17:01	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>15000</b>		12	5.0	mg/Kg	☆	06/02/22 09:47	06/03/22 14:23	1
<b>Antimony</b>	<b>0.72</b>	<b>J</b>	1.2	0.24	mg/Kg	☆	06/02/22 09:47	06/03/22 14:23	1
<b>Arsenic</b>	<b>6.8</b>		0.62	0.21	mg/Kg	☆	06/02/22 09:47	06/03/22 14:23	1
<b>Barium</b>	<b>69</b>		0.62	0.070	mg/Kg	☆	06/02/22 09:47	06/03/22 14:23	1
<b>Beryllium</b>	<b>0.99</b>		0.25	0.058	mg/Kg	☆	06/02/22 09:47	06/03/22 14:23	1
Cadmium	<0.12		0.12	0.022	mg/Kg	☆	06/02/22 09:47	06/03/22 14:23	1
<b>Calcium</b>	<b>9500</b>		62	10	mg/Kg	☆	06/02/22 09:47	06/06/22 11:26	5
<b>Chromium</b>	<b>19</b>		0.62	0.30	mg/Kg	☆	06/02/22 09:47	06/03/22 14:23	1
<b>Cobalt</b>	<b>16</b>		0.31	0.081	mg/Kg	☆	06/02/22 09:47	06/03/22 14:23	1
<b>Copper</b>	<b>24</b>	<b>B</b>	0.62	0.17	mg/Kg	☆	06/02/22 09:47	06/03/22 14:23	1
<b>Iron</b>	<b>25000</b>		12	6.4	mg/Kg	☆	06/02/22 09:47	06/03/22 14:23	1
<b>Lead</b>	<b>18</b>		0.31	0.14	mg/Kg	☆	06/02/22 09:47	06/03/22 14:23	1
<b>Magnesium</b>	<b>6900</b>		6.2	3.1	mg/Kg	☆	06/02/22 09:47	06/03/22 14:23	1
<b>Manganese</b>	<b>380</b>		0.62	0.089	mg/Kg	☆	06/02/22 09:47	06/03/22 14:23	1
<b>Nickel</b>	<b>36</b>		0.62	0.18	mg/Kg	☆	06/02/22 09:47	06/03/22 14:23	1
<b>Potassium</b>	<b>1700</b>		31	11	mg/Kg	☆	06/02/22 09:47	06/03/22 14:23	1
Selenium	<0.62		0.62	0.36	mg/Kg	☆	06/02/22 09:47	06/03/22 14:23	1
Silver	<0.31		0.31	0.079	mg/Kg	☆	06/02/22 09:47	06/03/22 14:23	1
<b>Sodium</b>	<b>500</b>		62	9.1	mg/Kg	☆	06/02/22 09:47	06/03/22 14:23	1
Thallium	<0.62		0.62	0.31	mg/Kg	☆	06/02/22 09:47	06/03/22 14:23	1
<b>Vanadium</b>	<b>27</b>		0.31	0.073	mg/Kg	☆	06/02/22 09:47	06/03/22 14:23	1
<b>Zinc</b>	<b>65</b>		1.2	0.54	mg/Kg	☆	06/02/22 09:47	06/03/22 14:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/02/22 15:10	06/03/22 09:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/02/22 15:10	06/03/22 12:02	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.043</b>		0.019	0.0064	mg/Kg	☆	05/31/22 16:00	06/01/22 08:09	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>7.7</b>		0.2	0.2	SU			05/27/22 13:39	1

# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-111(4-9)-052422**

**Lab Sample ID: 500-217164-16**

**Date Collected: 05/24/22 23:05**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 87.0**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>0.028</b>		0.017	0.0073	mg/Kg	☼	05/26/22 17:29	06/01/22 16:50	1
Benzene	<0.0017		0.0017	0.00043	mg/Kg	☼	05/26/22 17:29	06/01/22 16:50	1
Bromodichloromethane	<0.0017		0.0017	0.00034	mg/Kg	☼	05/26/22 17:29	06/01/22 16:50	1
Bromoform	<0.0017		0.0017	0.00049	mg/Kg	☼	05/26/22 17:29	06/01/22 16:50	1
Bromomethane	<0.0042		0.0042	0.0016	mg/Kg	☼	05/26/22 17:29	06/01/22 16:50	1
Carbon disulfide	<0.0042		0.0042	0.00087	mg/Kg	☼	05/26/22 17:29	06/01/22 16:50	1
Carbon tetrachloride	<0.0017		0.0017	0.00049	mg/Kg	☼	05/26/22 17:29	06/01/22 16:50	1
Chlorobenzene	<0.0017		0.0017	0.00062	mg/Kg	☼	05/26/22 17:29	06/01/22 16:50	1
Chloroethane	<0.0042		0.0042	0.0012	mg/Kg	☼	05/26/22 17:29	06/01/22 16:50	1
Chloroform	<0.0017		0.0017	0.00058	mg/Kg	☼	05/26/22 17:29	06/01/22 16:50	1
Chloromethane	<0.0042		0.0042	0.0017	mg/Kg	☼	05/26/22 17:29	06/01/22 16:50	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00047	mg/Kg	☼	05/26/22 17:29	06/01/22 16:50	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00050	mg/Kg	☼	05/26/22 17:29	06/01/22 16:50	1
Dibromochloromethane	<0.0017		0.0017	0.00055	mg/Kg	☼	05/26/22 17:29	06/01/22 16:50	1
1,1-Dichloroethane	<0.0017		0.0017	0.00057	mg/Kg	☼	05/26/22 17:29	06/01/22 16:50	1
1,2-Dichloroethane	<0.0042		0.0042	0.0013	mg/Kg	☼	05/26/22 17:29	06/01/22 16:50	1
1,1-Dichloroethene	<0.0017		0.0017	0.00058	mg/Kg	☼	05/26/22 17:29	06/01/22 16:50	1
1,2-Dichloropropane	<0.0017		0.0017	0.00043	mg/Kg	☼	05/26/22 17:29	06/01/22 16:50	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00059	mg/Kg	☼	05/26/22 17:29	06/01/22 16:50	1
Ethylbenzene	<0.0017		0.0017	0.00080	mg/Kg	☼	05/26/22 17:29	06/01/22 16:50	1
2-Hexanone	<0.0042		0.0042	0.0013	mg/Kg	☼	05/26/22 17:29	06/01/22 16:50	1
Methylene Chloride	<0.0042		0.0042	0.0016	mg/Kg	☼	05/26/22 17:29	06/01/22 16:50	1
<b>Methyl Ethyl Ketone</b>	<b>0.0041 J</b>		0.0042	0.0019	mg/Kg	☼	05/26/22 17:29	06/01/22 16:50	1
methyl isobutyl ketone	<0.0042		0.0042	0.0012	mg/Kg	☼	05/26/22 17:29	06/01/22 16:50	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00049	mg/Kg	☼	05/26/22 17:29	06/01/22 16:50	1
Styrene	<0.0017		0.0017	0.00051	mg/Kg	☼	05/26/22 17:29	06/01/22 16:50	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00054	mg/Kg	☼	05/26/22 17:29	06/01/22 16:50	1
Tetrachloroethene	<0.0017		0.0017	0.00057	mg/Kg	☼	05/26/22 17:29	06/01/22 16:50	1
Toluene	<0.0017		0.0017	0.00042	mg/Kg	☼	05/26/22 17:29	06/01/22 16:50	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00074	mg/Kg	☼	05/26/22 17:29	06/01/22 16:50	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00059	mg/Kg	☼	05/26/22 17:29	06/01/22 16:50	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00056	mg/Kg	☼	05/26/22 17:29	06/01/22 16:50	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00072	mg/Kg	☼	05/26/22 17:29	06/01/22 16:50	1
Trichloroethene	<0.0017		0.0017	0.00057	mg/Kg	☼	05/26/22 17:29	06/01/22 16:50	1
Vinyl chloride	<0.0017		0.0017	0.00074	mg/Kg	☼	05/26/22 17:29	06/01/22 16:50	1
Xylenes, Total	<0.0033		0.0033	0.00054	mg/Kg	☼	05/26/22 17:29	06/01/22 16:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		75 - 131	05/26/22 17:29	06/01/22 16:50	1
Dibromofluoromethane (Surr)	112		75 - 126	05/26/22 17:29	06/01/22 16:50	1
1,2-Dichloroethane-d4 (Surr)	122		70 - 134	05/26/22 17:29	06/01/22 16:50	1
Toluene-d8 (Surr)	100		75 - 124	05/26/22 17:29	06/01/22 16:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.039	mg/Kg	☼	06/06/22 14:06	06/08/22 15:35	1
1,2-Dichlorobenzene	<0.18		0.18	0.043	mg/Kg	☼	06/06/22 14:06	06/08/22 15:35	1
1,3-Dichlorobenzene	<0.18		0.18	0.041	mg/Kg	☼	06/06/22 14:06	06/08/22 15:35	1
1,4-Dichlorobenzene	<0.18		0.18	0.047	mg/Kg	☼	06/06/22 14:06	06/08/22 15:35	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.042	mg/Kg	☼	06/06/22 14:06	06/08/22 15:35	1

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# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-111(4-9)-052422**

**Lab Sample ID: 500-217164-16**

**Date Collected: 05/24/22 23:05**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 87.0**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.36		0.36	0.083	mg/Kg	✳	06/06/22 14:06	06/08/22 15:35	1
2,4,6-Trichlorophenol	<0.36		0.36	0.12	mg/Kg	✳	06/06/22 14:06	06/08/22 15:35	1
2,4-Dichlorophenol	<0.36		0.36	0.086	mg/Kg	✳	06/06/22 14:06	06/08/22 15:35	1
2,4-Dimethylphenol	<0.36		0.36	0.14	mg/Kg	✳	06/06/22 14:06	06/08/22 15:35	1
2,4-Dinitrophenol	<0.73		0.73	0.64	mg/Kg	✳	06/06/22 14:06	06/08/22 15:35	1
2,4-Dinitrotoluene	<0.18		0.18	0.058	mg/Kg	✳	06/06/22 14:06	06/08/22 15:35	1
2,6-Dinitrotoluene	<0.18		0.18	0.072	mg/Kg	✳	06/06/22 14:06	06/08/22 15:35	1
2-Chloronaphthalene	<0.18		0.18	0.040	mg/Kg	✳	06/06/22 14:06	06/08/22 15:35	1
2-Chlorophenol	<0.18		0.18	0.062	mg/Kg	✳	06/06/22 14:06	06/08/22 15:35	1
2-Methylnaphthalene	<0.073		0.073	0.0067	mg/Kg	✳	06/06/22 14:06	06/08/22 15:35	1
2-Methylphenol	<0.18		0.18	0.058	mg/Kg	✳	06/06/22 14:06	06/08/22 15:35	1
2-Nitroaniline	<0.18		0.18	0.049	mg/Kg	✳	06/06/22 14:06	06/08/22 15:35	1
2-Nitrophenol	<0.36		0.36	0.086	mg/Kg	✳	06/06/22 14:06	06/08/22 15:35	1
3 & 4 Methylphenol	<0.18		0.18	0.061	mg/Kg	✳	06/06/22 14:06	06/08/22 15:35	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.051	mg/Kg	✳	06/06/22 14:06	06/08/22 15:35	1
3-Nitroaniline	<0.36		0.36	0.11	mg/Kg	✳	06/06/22 14:06	06/08/22 15:35	1
4,6-Dinitro-2-methylphenol	<0.73		0.73	0.29	mg/Kg	✳	06/06/22 14:06	06/08/22 15:35	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.048	mg/Kg	✳	06/06/22 14:06	06/08/22 15:35	1
4-Chloro-3-methylphenol	<0.36		0.36	0.12	mg/Kg	✳	06/06/22 14:06	06/08/22 15:35	1
4-Chloroaniline	<0.73		0.73	0.17	mg/Kg	✳	06/06/22 14:06	06/08/22 15:35	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.043	mg/Kg	✳	06/06/22 14:06	06/08/22 15:35	1
4-Nitroaniline	<0.36		0.36	0.15	mg/Kg	✳	06/06/22 14:06	06/08/22 15:35	1
4-Nitrophenol	<0.73		0.73	0.35	mg/Kg	✳	06/06/22 14:06	06/08/22 15:35	1
Acenaphthene	<0.036		0.036	0.0065	mg/Kg	✳	06/06/22 14:06	06/08/22 15:35	1
Acenaphthylene	<0.036		0.036	0.0048	mg/Kg	✳	06/06/22 14:06	06/08/22 15:35	1
Anthracene	<0.036		0.036	0.0061	mg/Kg	✳	06/06/22 14:06	06/08/22 15:35	1
<b>Benzo[a]anthracene</b>	<b>0.0086</b>	<b>J</b>	0.036	0.0049	mg/Kg	✳	06/06/22 14:06	06/08/22 15:35	1
<b>Benzo[a]pyrene</b>	<b>0.013</b>	<b>J *3</b>	0.036	0.0070	mg/Kg	✳	06/06/22 14:06	06/08/22 15:35	1
<b>Benzo[b]fluoranthene</b>	<b>0.012</b>	<b>J *3</b>	0.036	0.0079	mg/Kg	✳	06/06/22 14:06	06/08/22 15:35	1
Benzo[g,h,i]perylene	<0.036	*3	0.036	0.012	mg/Kg	✳	06/06/22 14:06	06/08/22 15:35	1
Benzo[k]fluoranthene	<0.036	*3	0.036	0.011	mg/Kg	✳	06/06/22 14:06	06/08/22 15:35	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.037	mg/Kg	✳	06/06/22 14:06	06/08/22 15:35	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.055	mg/Kg	✳	06/06/22 14:06	06/08/22 15:35	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.067	mg/Kg	✳	06/06/22 14:06	06/08/22 15:35	1
Butyl benzyl phthalate	<0.18		0.18	0.069	mg/Kg	✳	06/06/22 14:06	06/08/22 15:35	1
Carbazole	<0.18		0.18	0.091	mg/Kg	✳	06/06/22 14:06	06/08/22 15:35	1
Chrysene	<0.036		0.036	0.0099	mg/Kg	✳	06/06/22 14:06	06/08/22 15:35	1
Dibenz(a,h)anthracene	<0.036	*3	0.036	0.0070	mg/Kg	✳	06/06/22 14:06	06/08/22 15:35	1
Dibenzofuran	<0.18		0.18	0.043	mg/Kg	✳	06/06/22 14:06	06/08/22 15:35	1
Diethyl phthalate	<0.18		0.18	0.062	mg/Kg	✳	06/06/22 14:06	06/08/22 15:35	1
Dimethyl phthalate	<0.18		0.18	0.048	mg/Kg	✳	06/06/22 14:06	06/08/22 15:35	1
Di-n-butyl phthalate	<0.18		0.18	0.055	mg/Kg	✳	06/06/22 14:06	06/08/22 15:35	1
Di-n-octyl phthalate	<0.18		0.18	0.059	mg/Kg	✳	06/06/22 14:06	06/08/22 15:35	1
<b>Fluoranthene</b>	<b>0.021</b>	<b>J</b>	0.036	0.0067	mg/Kg	✳	06/06/22 14:06	06/08/22 15:35	1
Fluorene	<0.036		0.036	0.0051	mg/Kg	✳	06/06/22 14:06	06/08/22 15:35	1
Hexachlorobenzene	<0.073		0.073	0.0084	mg/Kg	✳	06/06/22 14:06	06/08/22 15:35	1
Hexachlorobutadiene	<0.18		0.18	0.057	mg/Kg	✳	06/06/22 14:06	06/08/22 15:35	1
Hexachlorocyclopentadiene	<0.73		0.73	0.21	mg/Kg	✳	06/06/22 14:06	06/08/22 15:35	1
Hexachloroethane	<0.18		0.18	0.055	mg/Kg	✳	06/06/22 14:06	06/08/22 15:35	1

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# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-111(4-9)-052422**

**Lab Sample ID: 500-217164-16**

**Date Collected: 05/24/22 23:05**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 87.0**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.036	*3	0.036	0.0094	mg/Kg	☼	06/06/22 14:06	06/08/22 15:35	1
Isophorone	<0.18		0.18	0.041	mg/Kg	☼	06/06/22 14:06	06/08/22 15:35	1
Naphthalene	<0.036		0.036	0.0056	mg/Kg	☼	06/06/22 14:06	06/08/22 15:35	1
Nitrobenzene	<0.036		0.036	0.0091	mg/Kg	☼	06/06/22 14:06	06/08/22 15:35	1
N-Nitrosodi-n-propylamine	<0.073		0.073	0.044	mg/Kg	☼	06/06/22 14:06	06/08/22 15:35	1
N-Nitrosodiphenylamine	<0.18		0.18	0.043	mg/Kg	☼	06/06/22 14:06	06/08/22 15:35	1
Pentachlorophenol	<0.73		0.73	0.58	mg/Kg	☼	06/06/22 14:06	06/08/22 15:35	1
<b>Phenanthrene</b>	<b>0.011</b>	<b>J</b>	0.036	0.0051	mg/Kg	☼	06/06/22 14:06	06/08/22 15:35	1
Phenol	<0.18		0.18	0.081	mg/Kg	☼	06/06/22 14:06	06/08/22 15:35	1
<b>Pyrene</b>	<b>0.017</b>	<b>J</b>	0.036	0.0072	mg/Kg	☼	06/06/22 14:06	06/08/22 15:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	75		31 - 143				06/06/22 14:06	06/08/22 15:35	1
2-Fluorobiphenyl (Surr)	80		43 - 145				06/06/22 14:06	06/08/22 15:35	1
2-Fluorophenol (Surr)	94		31 - 166				06/06/22 14:06	06/08/22 15:35	1
Nitrobenzene-d5 (Surr)	65		37 - 147				06/06/22 14:06	06/08/22 15:35	1
Phenol-d5 (Surr)	94		30 - 153				06/06/22 14:06	06/08/22 15:35	1
Terphenyl-d14 (Surr)	172	S1+	42 - 157				06/06/22 14:06	06/08/22 15:35	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/22 07:54	06/03/22 21:19	1
<b>Barium</b>	<b>0.28</b>	<b>J</b>	0.50	0.050	mg/L		06/03/22 07:54	06/03/22 21:19	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/22 07:54	06/03/22 21:19	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/22 07:54	06/03/22 21:19	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 21:19	1
<b>Cobalt</b>	<b>0.011</b>	<b>J</b>	0.025	0.010	mg/L		06/03/22 07:54	06/03/22 21:19	1
Copper	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 21:19	1
Iron	<0.40		0.40	0.20	mg/L		06/03/22 07:54	06/03/22 21:19	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/22 07:54	06/03/22 21:19	1
<b>Manganese</b>	<b>2.6</b>		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 21:19	1
<b>Nickel</b>	<b>0.012</b>	<b>J</b>	0.025	0.010	mg/L		06/03/22 07:54	06/03/22 21:19	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/22 07:54	06/03/22 21:19	1
Silver	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 21:19	1
Zinc	<0.50		0.50	0.020	mg/L		06/03/22 07:54	06/03/22 21:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.071</b>		0.050	0.010	mg/L		06/03/22 07:58	06/03/22 17:13	1
<b>Barium</b>	<b>0.22</b>	<b>J</b>	0.50	0.050	mg/L		06/03/22 07:58	06/03/22 17:13	1
<b>Beryllium</b>	<b>0.0055</b>		0.0040	0.0040	mg/L		06/03/22 07:58	06/03/22 17:13	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/22 07:58	06/03/22 17:13	1
<b>Chromium</b>	<b>0.094</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 17:13	1
<b>Cobalt</b>	<b>0.060</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 17:13	1
<b>Copper</b>	<b>0.17</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 17:13	1
<b>Iron</b>	<b>130</b>		0.40	0.20	mg/L		06/03/22 07:58	06/03/22 17:13	1
<b>Lead</b>	<b>0.081</b>		0.0075	0.0075	mg/L		06/03/22 07:58	06/03/22 17:13	1
<b>Manganese</b>	<b>0.84</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 17:13	1
<b>Nickel</b>	<b>0.15</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 17:13	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/22 07:58	06/03/22 17:13	1

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# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-111(4-9)-052422**

**Lab Sample ID: 500-217164-16**

Date Collected: 05/24/22 23:05

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 87.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 17:13	1
<b>Zinc</b>	<b>0.35</b>	<b>J</b>	0.50	0.020	mg/L		06/03/22 07:58	06/03/22 17:13	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>7100</b>		11	4.4	mg/Kg	☆	06/02/22 09:47	06/03/22 14:26	1
<b>Antimony</b>	<b>0.32</b>	<b>J</b>	1.1	0.21	mg/Kg	☆	06/02/22 09:47	06/03/22 14:26	1
<b>Arsenic</b>	<b>7.8</b>		0.54	0.18	mg/Kg	☆	06/02/22 09:47	06/03/22 14:26	1
<b>Barium</b>	<b>30</b>		1.1	0.12	mg/Kg	☆	06/02/22 09:47	06/06/22 11:29	2
<b>Beryllium</b>	<b>0.60</b>		0.22	0.050	mg/Kg	☆	06/02/22 09:47	06/03/22 14:26	1
Cadmium	<0.11		0.11	0.019	mg/Kg	☆	06/02/22 09:47	06/03/22 14:26	1
<b>Calcium</b>	<b>110000</b>		54	9.1	mg/Kg	☆	06/02/22 09:47	06/06/22 11:32	5
<b>Chromium</b>	<b>10</b>		0.54	0.27	mg/Kg	☆	06/02/22 09:47	06/03/22 14:26	1
<b>Cobalt</b>	<b>10</b>		0.27	0.071	mg/Kg	☆	06/02/22 09:47	06/03/22 14:26	1
<b>Copper</b>	<b>22</b>	<b>B</b>	0.54	0.15	mg/Kg	☆	06/02/22 09:47	06/03/22 14:26	1
<b>Iron</b>	<b>18000</b>		22	11	mg/Kg	☆	06/02/22 09:47	06/06/22 11:29	2
<b>Lead</b>	<b>13</b>		0.27	0.12	mg/Kg	☆	06/02/22 09:47	06/03/22 14:26	1
<b>Magnesium</b>	<b>48000</b>		11	5.4	mg/Kg	☆	06/02/22 09:47	06/06/22 11:29	2
<b>Manganese</b>	<b>390</b>		0.54	0.078	mg/Kg	☆	06/02/22 09:47	06/03/22 14:26	1
<b>Nickel</b>	<b>24</b>		0.54	0.16	mg/Kg	☆	06/02/22 09:47	06/03/22 14:26	1
<b>Potassium</b>	<b>1400</b>		27	9.6	mg/Kg	☆	06/02/22 09:47	06/03/22 14:26	1
Selenium	<0.54		0.54	0.32	mg/Kg	☆	06/02/22 09:47	06/03/22 14:26	1
<b>Silver</b>	<b>0.23</b>	<b>J</b>	0.27	0.070	mg/Kg	☆	06/02/22 09:47	06/03/22 14:26	1
<b>Sodium</b>	<b>400</b>		54	8.0	mg/Kg	☆	06/02/22 09:47	06/03/22 14:26	1
<b>Thallium</b>	<b>0.28</b>	<b>J</b>	0.54	0.27	mg/Kg	☆	06/02/22 09:47	06/03/22 14:26	1
<b>Vanadium</b>	<b>14</b>		0.27	0.064	mg/Kg	☆	06/02/22 09:47	06/03/22 14:26	1
<b>Zinc</b>	<b>49</b>		1.1	0.47	mg/Kg	☆	06/02/22 09:47	06/03/22 14:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/02/22 15:10	06/03/22 10:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/02/22 15:10	06/03/22 12:04	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.027</b>		0.018	0.0062	mg/Kg	☆	05/31/22 16:00	06/01/22 08:11	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.0</b>		0.2	0.2	SU			05/27/22 13:39	1

# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-112(0-4)-052422**

**Lab Sample ID: 500-217164-17**

**Date Collected: 05/24/22 23:10**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 77.2**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>0.044</b>		0.023	0.0099	mg/Kg	☼	05/26/22 17:29	06/01/22 17:16	1
Benzene	<0.0023		0.0023	0.00058	mg/Kg	☼	05/26/22 17:29	06/01/22 17:16	1
Bromodichloromethane	<0.0023		0.0023	0.00046	mg/Kg	☼	05/26/22 17:29	06/01/22 17:16	1
Bromoform	<0.0023		0.0023	0.00067	mg/Kg	☼	05/26/22 17:29	06/01/22 17:16	1
Bromomethane	<0.0057		0.0057	0.0022	mg/Kg	☼	05/26/22 17:29	06/01/22 17:16	1
Carbon disulfide	<0.0057		0.0057	0.0012	mg/Kg	☼	05/26/22 17:29	06/01/22 17:16	1
Carbon tetrachloride	<0.0023		0.0023	0.00066	mg/Kg	☼	05/26/22 17:29	06/01/22 17:16	1
Chlorobenzene	<0.0023		0.0023	0.00084	mg/Kg	☼	05/26/22 17:29	06/01/22 17:16	1
Chloroethane	<0.0057		0.0057	0.0017	mg/Kg	☼	05/26/22 17:29	06/01/22 17:16	1
Chloroform	<0.0023		0.0023	0.00079	mg/Kg	☼	05/26/22 17:29	06/01/22 17:16	1
Chloromethane	<0.0057		0.0057	0.0023	mg/Kg	☼	05/26/22 17:29	06/01/22 17:16	1
cis-1,2-Dichloroethene	<0.0023		0.0023	0.00064	mg/Kg	☼	05/26/22 17:29	06/01/22 17:16	1
cis-1,3-Dichloropropene	<0.0023		0.0023	0.00069	mg/Kg	☼	05/26/22 17:29	06/01/22 17:16	1
Dibromochloromethane	<0.0023		0.0023	0.00075	mg/Kg	☼	05/26/22 17:29	06/01/22 17:16	1
1,1-Dichloroethane	<0.0023		0.0023	0.00078	mg/Kg	☼	05/26/22 17:29	06/01/22 17:16	1
1,2-Dichloroethane	<0.0057		0.0057	0.0018	mg/Kg	☼	05/26/22 17:29	06/01/22 17:16	1
1,1-Dichloroethene	<0.0023		0.0023	0.00078	mg/Kg	☼	05/26/22 17:29	06/01/22 17:16	1
1,2-Dichloropropane	<0.0023		0.0023	0.00059	mg/Kg	☼	05/26/22 17:29	06/01/22 17:16	1
1,3-Dichloropropene, Total	<0.0023		0.0023	0.00080	mg/Kg	☼	05/26/22 17:29	06/01/22 17:16	1
Ethylbenzene	<0.0023		0.0023	0.0011	mg/Kg	☼	05/26/22 17:29	06/01/22 17:16	1
2-Hexanone	<0.0057		0.0057	0.0018	mg/Kg	☼	05/26/22 17:29	06/01/22 17:16	1
Methylene Chloride	<0.0057		0.0057	0.0022	mg/Kg	☼	05/26/22 17:29	06/01/22 17:16	1
<b>Methyl Ethyl Ketone</b>	<b>0.0083</b>		0.0057	0.0025	mg/Kg	☼	05/26/22 17:29	06/01/22 17:16	1
methyl isobutyl ketone	<0.0057		0.0057	0.0017	mg/Kg	☼	05/26/22 17:29	06/01/22 17:16	1
Methyl tert-butyl ether	<0.0023		0.0023	0.00067	mg/Kg	☼	05/26/22 17:29	06/01/22 17:16	1
Styrene	<0.0023		0.0023	0.00069	mg/Kg	☼	05/26/22 17:29	06/01/22 17:16	1
1,1,2,2-Tetrachloroethane	<0.0023		0.0023	0.00073	mg/Kg	☼	05/26/22 17:29	06/01/22 17:16	1
Tetrachloroethene	<0.0023		0.0023	0.00078	mg/Kg	☼	05/26/22 17:29	06/01/22 17:16	1
Toluene	<0.0023		0.0023	0.00058	mg/Kg	☼	05/26/22 17:29	06/01/22 17:16	1
trans-1,2-Dichloroethene	<0.0023		0.0023	0.0010	mg/Kg	☼	05/26/22 17:29	06/01/22 17:16	1
trans-1,3-Dichloropropene	<0.0023		0.0023	0.00080	mg/Kg	☼	05/26/22 17:29	06/01/22 17:16	1
1,1,1-Trichloroethane	<0.0023		0.0023	0.00076	mg/Kg	☼	05/26/22 17:29	06/01/22 17:16	1
1,1,2-Trichloroethane	<0.0023		0.0023	0.00098	mg/Kg	☼	05/26/22 17:29	06/01/22 17:16	1
Trichloroethene	<0.0023		0.0023	0.00077	mg/Kg	☼	05/26/22 17:29	06/01/22 17:16	1
Vinyl chloride	<0.0023		0.0023	0.0010	mg/Kg	☼	05/26/22 17:29	06/01/22 17:16	1
Xylenes, Total	<0.0046		0.0046	0.00073	mg/Kg	☼	05/26/22 17:29	06/01/22 17:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		75 - 131	05/26/22 17:29	06/01/22 17:16	1
Dibromofluoromethane (Surr)	109		75 - 126	05/26/22 17:29	06/01/22 17:16	1
1,2-Dichloroethane-d4 (Surr)	115		70 - 134	05/26/22 17:29	06/01/22 17:16	1
Toluene-d8 (Surr)	96		75 - 124	05/26/22 17:29	06/01/22 17:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.21		0.21	0.045	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
1,2-Dichlorobenzene	<0.21		0.21	0.050	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
1,3-Dichlorobenzene	<0.21		0.21	0.047	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
1,4-Dichlorobenzene	<0.21		0.21	0.054	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
2,2'-oxybis[1-chloropropane]	<0.21		0.21	0.049	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1

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# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-112(0-4)-052422**

**Lab Sample ID: 500-217164-17**

**Date Collected: 05/24/22 23:10**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 77.2**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.42		0.42	0.096	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
2,4,6-Trichlorophenol	<0.42		0.42	0.14	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
2,4-Dichlorophenol	<0.42		0.42	0.10	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
2,4-Dimethylphenol	<0.42		0.42	0.16	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
2,4-Dinitrophenol	<0.85		0.85	0.74	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
2,4-Dinitrotoluene	<0.21		0.21	0.067	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
2,6-Dinitrotoluene	<0.21		0.21	0.083	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
2-Chloronaphthalene	<0.21		0.21	0.047	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
2-Chlorophenol	<0.21		0.21	0.072	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
2-Methylnaphthalene	<0.085		0.085	0.0078	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
2-Methylphenol	<0.21		0.21	0.068	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
2-Nitroaniline	<0.21		0.21	0.057	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
2-Nitrophenol	<0.42		0.42	0.10	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
3 & 4 Methylphenol	<0.21		0.21	0.070	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
3,3'-Dichlorobenzidine	<0.21		0.21	0.059	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
3-Nitroaniline	<0.42		0.42	0.13	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
4,6-Dinitro-2-methylphenol	<0.85		0.85	0.34	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
4-Bromophenyl phenyl ether	<0.21		0.21	0.056	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
4-Chloro-3-methylphenol	<0.42		0.42	0.14	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
4-Chloroaniline	<0.85		0.85	0.20	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
4-Chlorophenyl phenyl ether	<0.21		0.21	0.049	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
4-Nitroaniline	<0.42		0.42	0.18	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
4-Nitrophenol	<0.85		0.85	0.40	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
Acenaphthene	<0.042		0.042	0.0076	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
Acenaphthylene	<0.042		0.042	0.0056	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
Anthracene	<0.042		0.042	0.0070	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
Benzo[a]anthracene	<0.042		0.042	0.0057	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
Benzo[a]pyrene	<0.042		0.042	0.0082	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
Benzo[b]fluoranthene	<0.042		0.042	0.0091	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
Benzo[g,h,i]perylene	<0.042		0.042	0.014	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
Benzo[k]fluoranthene	<0.042		0.042	0.012	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
Bis(2-chloroethoxy)methane	<0.21		0.21	0.043	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
Bis(2-chloroethyl)ether	<0.21		0.21	0.063	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
Bis(2-ethylhexyl) phthalate	<0.21		0.21	0.077	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
Butyl benzyl phthalate	<0.21		0.21	0.080	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
Carbazole	<0.21		0.21	0.11	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
Chrysene	<0.042		0.042	0.011	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
Dibenz(a,h)anthracene	<0.042		0.042	0.0081	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
Dibenzofuran	<0.21		0.21	0.049	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
Diethyl phthalate	<0.21		0.21	0.071	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
Dimethyl phthalate	<0.21		0.21	0.055	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
Di-n-butyl phthalate	<0.21		0.21	0.064	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
Di-n-octyl phthalate	<0.21		0.21	0.069	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
Fluoranthene	<0.042		0.042	0.0078	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
Fluorene	<0.042		0.042	0.0059	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
Hexachlorobenzene	<0.085		0.085	0.0098	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
Hexachlorobutadiene	<0.21		0.21	0.066	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
Hexachlorocyclopentadiene	<0.85		0.85	0.24	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
Hexachloroethane	<0.21		0.21	0.064	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1

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# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-112(0-4)-052422**

**Lab Sample ID: 500-217164-17**

**Date Collected: 05/24/22 23:10**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 77.2**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.042		0.042	0.011	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
Isophorone	<0.21		0.21	0.047	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
Naphthalene	<0.042		0.042	0.0065	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
Nitrobenzene	<0.042		0.042	0.011	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
N-Nitrosodi-n-propylamine	<0.085		0.085	0.052	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
N-Nitrosodiphenylamine	<0.21		0.21	0.050	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
Pentachlorophenol	<0.85		0.85	0.68	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
Phenanthrene	<0.042		0.042	0.0059	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
Phenol	<0.21		0.21	0.094	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
Pyrene	<0.042		0.042	0.0084	mg/Kg	☼	06/06/22 14:06	06/07/22 19:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	106		31 - 143				06/06/22 14:06	06/07/22 19:20	1
2-Fluorobiphenyl (Surr)	61		43 - 145				06/06/22 14:06	06/07/22 19:20	1
2-Fluorophenol (Surr)	86		31 - 166				06/06/22 14:06	06/07/22 19:20	1
Nitrobenzene-d5 (Surr)	47		37 - 147				06/06/22 14:06	06/07/22 19:20	1
Phenol-d5 (Surr)	84		30 - 153				06/06/22 14:06	06/07/22 19:20	1
Terphenyl-d14 (Surr)	97		42 - 157				06/06/22 14:06	06/07/22 19:20	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.010</b>	<b>J</b>	0.050	0.010	mg/L		06/03/22 07:54	06/03/22 21:22	1
<b>Barium</b>	<b>0.84</b>		0.50	0.050	mg/L		06/03/22 07:54	06/03/22 21:22	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/22 07:54	06/03/22 21:22	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/22 07:54	06/03/22 21:22	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 21:22	1
<b>Cobalt</b>	<b>0.023</b>	<b>J</b>	0.025	0.010	mg/L		06/03/22 07:54	06/03/22 21:22	1
Copper	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 21:22	1
Iron	<0.40		0.40	0.20	mg/L		06/03/22 07:54	06/03/22 21:22	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/22 07:54	06/03/22 21:22	1
<b>Manganese</b>	<b>6.9</b>		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 21:22	1
<b>Nickel</b>	<b>0.029</b>		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 21:22	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/22 07:54	06/03/22 21:22	1
Silver	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 21:22	1
<b>Zinc</b>	<b>0.064</b>	<b>J</b>	0.50	0.020	mg/L		06/03/22 07:54	06/03/22 21:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.026</b>	<b>J</b>	0.050	0.010	mg/L		06/03/22 07:58	06/03/22 17:16	1
<b>Barium</b>	<b>0.79</b>		0.50	0.050	mg/L		06/03/22 07:58	06/03/22 17:16	1
<b>Beryllium</b>	<b>0.0067</b>		0.0040	0.0040	mg/L		06/03/22 07:58	06/03/22 17:16	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/22 07:58	06/03/22 17:16	1
<b>Chromium</b>	<b>0.13</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 17:16	1
<b>Cobalt</b>	<b>0.047</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 17:16	1
<b>Copper</b>	<b>0.11</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 17:16	1
<b>Iron</b>	<b>130</b>		0.40	0.20	mg/L		06/03/22 07:58	06/03/22 17:16	1
<b>Lead</b>	<b>0.053</b>		0.0075	0.0075	mg/L		06/03/22 07:58	06/03/22 17:16	1
<b>Manganese</b>	<b>1.7</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 17:16	1
<b>Nickel</b>	<b>0.14</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 17:16	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/22 07:58	06/03/22 17:16	1

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# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-112(0-4)-052422**

**Lab Sample ID: 500-217164-17**

Date Collected: 05/24/22 23:10

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 77.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 17:16	1
<b>Zinc</b>	<b>0.34</b>	<b>J</b>	0.50	0.020	mg/L		06/03/22 07:58	06/03/22 17:16	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>11000</b>		13	5.1	mg/Kg	☆	06/02/22 09:47	06/03/22 14:29	1
<b>Antimony</b>	<b>0.29</b>	<b>J</b>	1.3	0.24	mg/Kg	☆	06/02/22 09:47	06/03/22 14:29	1
<b>Arsenic</b>	<b>5.7</b>		0.63	0.21	mg/Kg	☆	06/02/22 09:47	06/03/22 14:29	1
<b>Barium</b>	<b>140</b>		0.63	0.071	mg/Kg	☆	06/02/22 09:47	06/03/22 14:29	1
<b>Beryllium</b>	<b>0.84</b>		0.25	0.058	mg/Kg	☆	06/02/22 09:47	06/03/22 14:29	1
Cadmium	<0.13		0.13	0.023	mg/Kg	☆	06/02/22 09:47	06/03/22 14:29	1
<b>Calcium</b>	<b>6900</b>		13	2.1	mg/Kg	☆	06/02/22 09:47	06/03/22 14:29	1
<b>Chromium</b>	<b>14</b>		0.63	0.31	mg/Kg	☆	06/02/22 09:47	06/03/22 14:29	1
<b>Cobalt</b>	<b>13</b>		0.31	0.082	mg/Kg	☆	06/02/22 09:47	06/03/22 14:29	1
<b>Copper</b>	<b>16</b>	<b>B</b>	0.63	0.18	mg/Kg	☆	06/02/22 09:47	06/03/22 14:29	1
<b>Iron</b>	<b>17000</b>		13	6.5	mg/Kg	☆	06/02/22 09:47	06/03/22 14:29	1
<b>Lead</b>	<b>17</b>		0.31	0.14	mg/Kg	☆	06/02/22 09:47	06/03/22 14:29	1
<b>Magnesium</b>	<b>5200</b>		6.3	3.1	mg/Kg	☆	06/02/22 09:47	06/03/22 14:29	1
<b>Manganese</b>	<b>470</b>		0.63	0.091	mg/Kg	☆	06/02/22 09:47	06/03/22 14:29	1
<b>Nickel</b>	<b>30</b>		0.63	0.18	mg/Kg	☆	06/02/22 09:47	06/03/22 14:29	1
<b>Potassium</b>	<b>630</b>		31	11	mg/Kg	☆	06/02/22 09:47	06/03/22 14:29	1
Selenium	<0.63		0.63	0.37	mg/Kg	☆	06/02/22 09:47	06/03/22 14:29	1
<b>Silver</b>	<b>0.61</b>		0.31	0.081	mg/Kg	☆	06/02/22 09:47	06/03/22 14:29	1
<b>Sodium</b>	<b>680</b>		63	9.3	mg/Kg	☆	06/02/22 09:47	06/03/22 14:29	1
Thallium	<0.63		0.63	0.31	mg/Kg	☆	06/02/22 09:47	06/03/22 14:29	1
<b>Vanadium</b>	<b>28</b>		0.31	0.074	mg/Kg	☆	06/02/22 09:47	06/03/22 14:29	1
<b>Zinc</b>	<b>55</b>		1.3	0.55	mg/Kg	☆	06/02/22 09:47	06/03/22 14:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/02/22 15:10	06/03/22 10:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/02/22 15:10	06/03/22 12:06	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.055</b>		0.020	0.0068	mg/Kg	☆	05/31/22 16:00	06/01/22 08:13	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>7.7</b>		0.2	0.2	SU			05/27/22 13:39	1

# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-112(4-9)-052422**

**Lab Sample ID: 500-217164-18**

**Date Collected: 05/24/22 23:15**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 84.4**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0071	mg/Kg	✳	05/26/22 17:29	06/01/22 17:41	1
Benzene	<0.0016		0.0016	0.00042	mg/Kg	✳	05/26/22 17:29	06/01/22 17:41	1
Bromodichloromethane	<0.0016		0.0016	0.00033	mg/Kg	✳	05/26/22 17:29	06/01/22 17:41	1
Bromoform	<0.0016		0.0016	0.00048	mg/Kg	✳	05/26/22 17:29	06/01/22 17:41	1
Bromomethane	<0.0041		0.0041	0.0015	mg/Kg	✳	05/26/22 17:29	06/01/22 17:41	1
Carbon disulfide	<0.0041		0.0041	0.00085	mg/Kg	✳	05/26/22 17:29	06/01/22 17:41	1
Carbon tetrachloride	<0.0016		0.0016	0.00047	mg/Kg	✳	05/26/22 17:29	06/01/22 17:41	1
Chlorobenzene	<0.0016		0.0016	0.00060	mg/Kg	✳	05/26/22 17:29	06/01/22 17:41	1
Chloroethane	<0.0041		0.0041	0.0012	mg/Kg	✳	05/26/22 17:29	06/01/22 17:41	1
Chloroform	<0.0016		0.0016	0.00056	mg/Kg	✳	05/26/22 17:29	06/01/22 17:41	1
Chloromethane	<0.0041		0.0041	0.0016	mg/Kg	✳	05/26/22 17:29	06/01/22 17:41	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00046	mg/Kg	✳	05/26/22 17:29	06/01/22 17:41	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00049	mg/Kg	✳	05/26/22 17:29	06/01/22 17:41	1
Dibromochloromethane	<0.0016		0.0016	0.00053	mg/Kg	✳	05/26/22 17:29	06/01/22 17:41	1
1,1-Dichloroethane	<0.0016		0.0016	0.00056	mg/Kg	✳	05/26/22 17:29	06/01/22 17:41	1
1,2-Dichloroethane	<0.0041		0.0041	0.0013	mg/Kg	✳	05/26/22 17:29	06/01/22 17:41	1
1,1-Dichloroethene	<0.0016		0.0016	0.00056	mg/Kg	✳	05/26/22 17:29	06/01/22 17:41	1
1,2-Dichloropropane	<0.0016		0.0016	0.00042	mg/Kg	✳	05/26/22 17:29	06/01/22 17:41	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00057	mg/Kg	✳	05/26/22 17:29	06/01/22 17:41	1
Ethylbenzene	<0.0016		0.0016	0.00078	mg/Kg	✳	05/26/22 17:29	06/01/22 17:41	1
2-Hexanone	<0.0041		0.0041	0.0013	mg/Kg	✳	05/26/22 17:29	06/01/22 17:41	1
Methylene Chloride	<0.0041		0.0041	0.0016	mg/Kg	✳	05/26/22 17:29	06/01/22 17:41	1
Methyl Ethyl Ketone	<0.0041		0.0041	0.0018	mg/Kg	✳	05/26/22 17:29	06/01/22 17:41	1
methyl isobutyl ketone	<0.0041		0.0041	0.0012	mg/Kg	✳	05/26/22 17:29	06/01/22 17:41	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00048	mg/Kg	✳	05/26/22 17:29	06/01/22 17:41	1
Styrene	<0.0016		0.0016	0.00049	mg/Kg	✳	05/26/22 17:29	06/01/22 17:41	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00052	mg/Kg	✳	05/26/22 17:29	06/01/22 17:41	1
Tetrachloroethene	<0.0016		0.0016	0.00055	mg/Kg	✳	05/26/22 17:29	06/01/22 17:41	1
Toluene	<0.0016		0.0016	0.00041	mg/Kg	✳	05/26/22 17:29	06/01/22 17:41	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00072	mg/Kg	✳	05/26/22 17:29	06/01/22 17:41	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00057	mg/Kg	✳	05/26/22 17:29	06/01/22 17:41	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00055	mg/Kg	✳	05/26/22 17:29	06/01/22 17:41	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00070	mg/Kg	✳	05/26/22 17:29	06/01/22 17:41	1
<b>Trichloroethene</b>	<b>0.0010</b>	<b>J</b>	0.0016	0.00055	mg/Kg	✳	05/26/22 17:29	06/01/22 17:41	1
Vinyl chloride	<0.0016		0.0016	0.00072	mg/Kg	✳	05/26/22 17:29	06/01/22 17:41	1
Xylenes, Total	<0.0033		0.0033	0.00052	mg/Kg	✳	05/26/22 17:29	06/01/22 17:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		75 - 131	05/26/22 17:29	06/01/22 17:41	1
Dibromofluoromethane (Surr)	111		75 - 126	05/26/22 17:29	06/01/22 17:41	1
1,2-Dichloroethane-d4 (Surr)	121		70 - 134	05/26/22 17:29	06/01/22 17:41	1
Toluene-d8 (Surr)	100		75 - 124	05/26/22 17:29	06/01/22 17:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	✳	06/06/22 14:06	06/07/22 19:44	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	✳	06/06/22 14:06	06/07/22 19:44	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	✳	06/06/22 14:06	06/07/22 19:44	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	✳	06/06/22 14:06	06/07/22 19:44	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	✳	06/06/22 14:06	06/07/22 19:44	1

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# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-112(4-9)-052422**

**Lab Sample ID: 500-217164-18**

**Date Collected: 05/24/22 23:15**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 84.4**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.086	mg/Kg	✱	06/06/22 14:06	06/07/22 19:44	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	✱	06/06/22 14:06	06/07/22 19:44	1
2,4-Dichlorophenol	<0.38		0.38	0.090	mg/Kg	✱	06/06/22 14:06	06/07/22 19:44	1
2,4-Dimethylphenol	<0.38		0.38	0.14	mg/Kg	✱	06/06/22 14:06	06/07/22 19:44	1
2,4-Dinitrophenol	<0.76		0.76	0.67	mg/Kg	✱	06/06/22 14:06	06/07/22 19:44	1
2,4-Dinitrotoluene	<0.19		0.19	0.060	mg/Kg	✱	06/06/22 14:06	06/07/22 19:44	1
2,6-Dinitrotoluene	<0.19		0.19	0.074	mg/Kg	✱	06/06/22 14:06	06/07/22 19:44	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	✱	06/06/22 14:06	06/07/22 19:44	1
2-Chlorophenol	<0.19		0.19	0.065	mg/Kg	✱	06/06/22 14:06	06/07/22 19:44	1
2-Methylnaphthalene	<0.076		0.076	0.0070	mg/Kg	✱	06/06/22 14:06	06/07/22 19:44	1
2-Methylphenol	<0.19		0.19	0.061	mg/Kg	✱	06/06/22 14:06	06/07/22 19:44	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	✱	06/06/22 14:06	06/07/22 19:44	1
2-Nitrophenol	<0.38		0.38	0.089	mg/Kg	✱	06/06/22 14:06	06/07/22 19:44	1
3 & 4 Methylphenol	<0.19		0.19	0.063	mg/Kg	✱	06/06/22 14:06	06/07/22 19:44	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.053	mg/Kg	✱	06/06/22 14:06	06/07/22 19:44	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	✱	06/06/22 14:06	06/07/22 19:44	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.30	mg/Kg	✱	06/06/22 14:06	06/07/22 19:44	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	✱	06/06/22 14:06	06/07/22 19:44	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	✱	06/06/22 14:06	06/07/22 19:44	1
4-Chloroaniline	<0.76		0.76	0.18	mg/Kg	✱	06/06/22 14:06	06/07/22 19:44	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	✱	06/06/22 14:06	06/07/22 19:44	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	✱	06/06/22 14:06	06/07/22 19:44	1
4-Nitrophenol	<0.76		0.76	0.36	mg/Kg	✱	06/06/22 14:06	06/07/22 19:44	1
Acenaphthene	<0.038		0.038	0.0068	mg/Kg	✱	06/06/22 14:06	06/07/22 19:44	1
Acenaphthylene	<0.038		0.038	0.0050	mg/Kg	✱	06/06/22 14:06	06/07/22 19:44	1
Anthracene	<0.038		0.038	0.0063	mg/Kg	✱	06/06/22 14:06	06/07/22 19:44	1
<b>Benzo[a]anthracene</b>	<b>0.0093</b>	<b>J</b>	0.038	0.0051	mg/Kg	✱	06/06/22 14:06	06/07/22 19:44	1
<b>Benzo[a]pyrene</b>	<b>0.010</b>	<b>J</b>	0.038	0.0073	mg/Kg	✱	06/06/22 14:06	06/07/22 19:44	1
<b>Benzo[b]fluoranthene</b>	<b>0.018</b>	<b>J</b>	0.038	0.0082	mg/Kg	✱	06/06/22 14:06	06/07/22 19:44	1
Benzo[g,h,i]perylene	<0.038		0.038	0.012	mg/Kg	✱	06/06/22 14:06	06/07/22 19:44	1
Benzo[k]fluoranthene	<0.038		0.038	0.011	mg/Kg	✱	06/06/22 14:06	06/07/22 19:44	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	✱	06/06/22 14:06	06/07/22 19:44	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.057	mg/Kg	✱	06/06/22 14:06	06/07/22 19:44	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.069	mg/Kg	✱	06/06/22 14:06	06/07/22 19:44	1
Butyl benzyl phthalate	<0.19		0.19	0.072	mg/Kg	✱	06/06/22 14:06	06/07/22 19:44	1
Carbazole	<0.19		0.19	0.095	mg/Kg	✱	06/06/22 14:06	06/07/22 19:44	1
<b>Chrysene</b>	<b>0.013</b>	<b>J</b>	0.038	0.010	mg/Kg	✱	06/06/22 14:06	06/07/22 19:44	1
Dibenz(a,h)anthracene	<0.038		0.038	0.0073	mg/Kg	✱	06/06/22 14:06	06/07/22 19:44	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	✱	06/06/22 14:06	06/07/22 19:44	1
Diethyl phthalate	<0.19		0.19	0.064	mg/Kg	✱	06/06/22 14:06	06/07/22 19:44	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	✱	06/06/22 14:06	06/07/22 19:44	1
Di-n-butyl phthalate	<0.19		0.19	0.058	mg/Kg	✱	06/06/22 14:06	06/07/22 19:44	1
Di-n-octyl phthalate	<0.19		0.19	0.062	mg/Kg	✱	06/06/22 14:06	06/07/22 19:44	1
<b>Fluoranthene</b>	<b>0.024</b>	<b>J</b>	0.038	0.0070	mg/Kg	✱	06/06/22 14:06	06/07/22 19:44	1
Fluorene	<0.038		0.038	0.0053	mg/Kg	✱	06/06/22 14:06	06/07/22 19:44	1
Hexachlorobenzene	<0.076		0.076	0.0088	mg/Kg	✱	06/06/22 14:06	06/07/22 19:44	1
Hexachlorobutadiene	<0.19		0.19	0.060	mg/Kg	✱	06/06/22 14:06	06/07/22 19:44	1
Hexachlorocyclopentadiene	<0.76		0.76	0.22	mg/Kg	✱	06/06/22 14:06	06/07/22 19:44	1
Hexachloroethane	<0.19		0.19	0.058	mg/Kg	✱	06/06/22 14:06	06/07/22 19:44	1

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# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-112(4-9)-052422**

**Lab Sample ID: 500-217164-18**

**Date Collected: 05/24/22 23:15**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 84.4**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.038		0.038	0.0098	mg/Kg	☼	06/06/22 14:06	06/07/22 19:44	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	06/06/22 14:06	06/07/22 19:44	1
Naphthalene	<0.038		0.038	0.0058	mg/Kg	☼	06/06/22 14:06	06/07/22 19:44	1
Nitrobenzene	<0.038		0.038	0.0095	mg/Kg	☼	06/06/22 14:06	06/07/22 19:44	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.046	mg/Kg	☼	06/06/22 14:06	06/07/22 19:44	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	☼	06/06/22 14:06	06/07/22 19:44	1
Pentachlorophenol	<0.76		0.76	0.61	mg/Kg	☼	06/06/22 14:06	06/07/22 19:44	1
<b>Phenanthrene</b>	<b>0.012</b>	<b>J</b>	0.038	0.0053	mg/Kg	☼	06/06/22 14:06	06/07/22 19:44	1
Phenol	<0.19		0.19	0.084	mg/Kg	☼	06/06/22 14:06	06/07/22 19:44	1
<b>Pyrene</b>	<b>0.016</b>	<b>J</b>	0.038	0.0075	mg/Kg	☼	06/06/22 14:06	06/07/22 19:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	92		31 - 143				06/06/22 14:06	06/07/22 19:44	1
2-Fluorobiphenyl (Surr)	83		43 - 145				06/06/22 14:06	06/07/22 19:44	1
2-Fluorophenol (Surr)	85		31 - 166				06/06/22 14:06	06/07/22 19:44	1
Nitrobenzene-d5 (Surr)	63		37 - 147				06/06/22 14:06	06/07/22 19:44	1
Phenol-d5 (Surr)	84		30 - 153				06/06/22 14:06	06/07/22 19:44	1
Terphenyl-d14 (Surr)	96		42 - 157				06/06/22 14:06	06/07/22 19:44	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/22 07:54	06/03/22 21:25	1
<b>Barium</b>	<b>0.83</b>		0.50	0.050	mg/L		06/03/22 07:54	06/03/22 21:25	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/22 07:54	06/03/22 21:25	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/22 07:54	06/03/22 21:25	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 21:25	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 21:25	1
Copper	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 21:25	1
Iron	<0.40		0.40	0.20	mg/L		06/03/22 07:54	06/03/22 21:25	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/22 07:54	06/03/22 21:25	1
<b>Manganese</b>	<b>1.1</b>		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 21:25	1
Nickel	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 21:25	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/22 07:54	06/03/22 21:25	1
Silver	<0.025		0.025	0.010	mg/L		06/03/22 07:54	06/03/22 21:25	1
Zinc	<0.50		0.50	0.020	mg/L		06/03/22 07:54	06/03/22 21:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.029</b>	<b>J</b>	0.050	0.010	mg/L		06/03/22 07:58	06/03/22 17:20	1
<b>Barium</b>	<b>0.35</b>	<b>J</b>	0.50	0.050	mg/L		06/03/22 07:58	06/03/22 17:20	1
<b>Beryllium</b>	<b>0.0050</b>		0.0040	0.0040	mg/L		06/03/22 07:58	06/03/22 17:20	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/22 07:58	06/03/22 17:20	1
<b>Chromium</b>	<b>0.090</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 17:20	1
<b>Cobalt</b>	<b>0.027</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 17:20	1
<b>Copper</b>	<b>0.10</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 17:20	1
<b>Iron</b>	<b>130</b>		0.40	0.20	mg/L		06/03/22 07:58	06/03/22 17:20	1
<b>Lead</b>	<b>0.043</b>		0.0075	0.0075	mg/L		06/03/22 07:58	06/03/22 17:20	1
<b>Manganese</b>	<b>0.85</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 17:20	1
<b>Nickel</b>	<b>0.097</b>		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 17:20	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/22 07:58	06/03/22 17:20	1

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# Client Sample Results

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

Job ID: 500-217164-1

**Client Sample ID: ROW-112(4-9)-052422**

**Lab Sample ID: 500-217164-18**

Date Collected: 05/24/22 23:15

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 84.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/22 07:58	06/03/22 17:20	1
<b>Zinc</b>	<b>0.21</b>	<b>J</b>	0.50	0.020	mg/L		06/03/22 07:58	06/03/22 17:20	1

## Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>11000</b>		11	4.7	mg/Kg	☆	06/02/22 09:47	06/03/22 14:32	1
<b>Antimony</b>	<b>0.36</b>	<b>J</b>	1.1	0.22	mg/Kg	☆	06/02/22 09:47	06/03/22 14:32	1
<b>Arsenic</b>	<b>5.6</b>		0.57	0.20	mg/Kg	☆	06/02/22 09:47	06/03/22 14:32	1
<b>Barium</b>	<b>85</b>		0.57	0.065	mg/Kg	☆	06/02/22 09:47	06/03/22 14:32	1
<b>Beryllium</b>	<b>0.81</b>		0.23	0.053	mg/Kg	☆	06/02/22 09:47	06/03/22 14:32	1
Cadmium	<0.11		0.11	0.021	mg/Kg	☆	06/02/22 09:47	06/03/22 14:32	1
<b>Calcium</b>	<b>60000</b>		57	9.7	mg/Kg	☆	06/02/22 09:47	06/06/22 11:36	5
<b>Chromium</b>	<b>16</b>		0.57	0.28	mg/Kg	☆	06/02/22 09:47	06/03/22 14:32	1
<b>Cobalt</b>	<b>12</b>		0.29	0.075	mg/Kg	☆	06/02/22 09:47	06/03/22 14:32	1
<b>Copper</b>	<b>22</b>	<b>B</b>	0.57	0.16	mg/Kg	☆	06/02/22 09:47	06/03/22 14:32	1
<b>Iron</b>	<b>23000</b>		11	6.0	mg/Kg	☆	06/02/22 09:47	06/03/22 14:32	1
<b>Lead</b>	<b>13</b>		0.29	0.13	mg/Kg	☆	06/02/22 09:47	06/03/22 14:32	1
<b>Magnesium</b>	<b>23000</b>		5.7	2.8	mg/Kg	☆	06/02/22 09:47	06/03/22 14:32	1
<b>Manganese</b>	<b>480</b>		0.57	0.083	mg/Kg	☆	06/02/22 09:47	06/03/22 14:32	1
<b>Nickel</b>	<b>32</b>		0.57	0.17	mg/Kg	☆	06/02/22 09:47	06/03/22 14:32	1
<b>Potassium</b>	<b>2100</b>		29	10	mg/Kg	☆	06/02/22 09:47	06/03/22 14:32	1
Selenium	<0.57		0.57	0.34	mg/Kg	☆	06/02/22 09:47	06/03/22 14:32	1
<b>Silver</b>	<b>0.24</b>	<b>J</b>	0.29	0.074	mg/Kg	☆	06/02/22 09:47	06/03/22 14:32	1
<b>Sodium</b>	<b>560</b>		57	8.5	mg/Kg	☆	06/02/22 09:47	06/03/22 14:32	1
<b>Thallium</b>	<b>0.34</b>	<b>J</b>	0.57	0.29	mg/Kg	☆	06/02/22 09:47	06/03/22 14:32	1
<b>Vanadium</b>	<b>19</b>		0.29	0.068	mg/Kg	☆	06/02/22 09:47	06/03/22 14:32	1
<b>Zinc</b>	<b>54</b>		1.1	0.50	mg/Kg	☆	06/02/22 09:47	06/03/22 14:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/02/22 15:10	06/03/22 10:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/02/22 15:10	06/03/22 12:08	1

## Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.024</b>		0.018	0.0061	mg/Kg	☆	05/31/22 16:00	06/01/22 08:14	1

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>7.9</b>		0.2	0.2	SU			05/27/22 13:39	1

# Definitions/Glossary

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

Job ID: 500-217164-1

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

### Metals


Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

## Glossary

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

Address \_\_\_\_\_

Regulatory Program:  DW  NPDES  RCRA  Other

<b>Client Contact</b>		<b>Project Manager</b> A. Slesers		<b>Site Contact</b> C. Pace		<b>Date</b> 5-24-22		<b>COC No</b>			
Company Name <i>Western Solutions</i>		Tel/Email		Lab Contact <i>R. Wright</i>		Carrier		1 of 5 COCs			
Address <i>300 Kirtland Ave PEW 17-368</i>		<b>Analysis Turnaround Time</b> <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____ <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day									
City/State/Zip <i>Greensboro, NC 27409</i>											
Phone		Sample Identification Sample Date    Sample Time    Sample Type (C=Comp, G=Grab)    Matrix    # of Cont.		Filtered Sample (Y/N) Perform MS / MSD (Y/N)		VOCs SVOCs Total Metals TCLP / SPL Metals pH		 500-217164 COC		For Lab Use Only Walk-in Client <input type="checkbox"/> Lab Sampling <input type="checkbox"/>	
Fax										Job / SDG No	
Project Name <i>1007 019</i>										500-217164	
Site <i>2-80</i>										Sample Specific Notes	
P O #											

1  
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11  
12

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	VOCs	SVOCs	Total Metals	TCLP / SPL Metals	pH
ROW-101(04)-052422	5-24-22	2100	G	S	6	X	X	X	X	X	X	X
ROW-101(4-9)-052422		2105										
ROW-102(4-9)-052422		2115										
ROW-103(0-4)-052422		2120										
ROW-103(4-4)-052422		2125										
ROW-105(0-4)-052422		2200										
ROW-105(4-4)-052422		2205										
ROW-106(0-4)-052422		2210										
ROW-106(4-9)-052422		2215										
ROW-107(0-4)-052422		2220										
ROW-107(0-4)-052422		2220										
ROW-107(4-9)-052422		2225										

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   
  Return to Client   
 Disposal by Lab   
 Archive for \_\_\_\_\_ Months

Special Instructions/QC Requirements & Comments: *38-7287 44-734, 151-741, 155-745*

Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temp (°C) Obs'd _____ Corr'd _____		Therm ID No	
Relinquished by <i>[Signature]</i>	Company <i>NS</i>	Date/Time <i>5/25/22 1610</i>	Received by <i>[Signature]</i>	Company <i>EETA</i>	Date/Time <i>5/25/22 1610</i>		
Relinquished by <i>[Signature]</i>	Company <i>EETA 1730</i>	Date/Time <i>5/25/22</i>	Received by	Company	Date/Time		
Relinquished by <i>[Signature]</i>	Company	Date/Time	Received in Laboratory by <i>[Signature]</i>	Company <i>EETA</i>	Date/Time <i>5/26/22 0720</i>		

# Chain of Custody Record

524252



Environment Testing  
TestAmerica

TAL-8210

Address: \_\_\_\_\_

Regulatory Program:  DW  NPDES  RCRA  Other

<b>Client Contact</b>		<b>Project Manager</b> A. Sleser		<b>Site Contact</b> C. Ponce		<b>Date:</b> 5-24-22		<b>COC No</b>	
Company Name <i>Weston Solutions</i>		Tel/Email		Lab Contact <i>R. W. GAT</i>		Carrier		2 of 5 COCs	
Address <i>300 Kirtland Ave Ste 300</i>		<b>Analysis Turnaround Time</b> <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____ <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day							
City/State/Zip <i>Lincolnton, NC 28089</i>									
Phone									
Fax									
Project Name <i>IDST 019</i>									
Site <i>R-80</i>		Job / SDG No		500-217164					
P O #									

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Sample Specific Notes										
								VOCs	SVECS	Total Metals	TECP/SPEC metals	PAH						
13 ROW-108(0-4)-052422	5-24-22	2250	G	S	6			X	X	X	X	X						
14 ROW-108(4-9)-052422		2255																
15 ROW-111(0-4)-052422		2300																
16 ROW-111(4-9)-052422		2305																
17 ROW-112(0-4)-052422		2310																
18 ROW-112(4-9)-052422		2315																
19 ROW-113(0-4)-052422		2320																
20 ROW-113(4-9)-052422		2325																
ROW-114(0-4)-052422		2330																
ROW-114(04)-052422		2340																
ROW-114(4-9)-052422		2345																
ROW-117(0-4)-052422		2350																

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

Relinquished by <i>[Signature]</i>	Company: <i>WS</i>	Date/Time: <i>5:25 22/1610</i>	Received by <i>[Signature]</i>	Company: <i>687A</i>	Date/Time: <i>5/25/22 1610</i>
Relinquished by <i>[Signature]</i>	Company: <i>687A</i>	Date/Time: <i>5/25/22</i>	Received by <i>[Signature]</i>	Company:	Date/Time:
Relinquished by	Company:	Date/Time:	Received in Laboratory by: <i>[Signature]</i>	Company: <i>687A</i>	Date/Time: <i>5/24/22 0720</i>

## ANALYTICAL REPORT

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

Laboratory Job ID: 500-217166-1  
Client Project/Site: IDOT - I-80 - WO 019

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

Attn: Mr. Andris Slesers



Authorized for release by:  
6/10/2022 3:59:47 PM

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

[Richard.Wright@et.eurofinsus.com](mailto:Richard.Wright@et.eurofinsus.com)

### LINKS

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results through



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

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

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

# Client Sample Results

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

Job ID: 500-217166-1

**Client Sample ID: ROW-114(0-4)-052422**

**Lab Sample ID: 500-217166-1**

**Date Collected: 05/24/22 23:40**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 84.0**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>0.021</b>		0.017	0.0073	mg/Kg	✳	05/26/22 17:29	06/01/22 13:56	1
Benzene	<0.0017		0.0017	0.00043	mg/Kg	✳	05/26/22 17:29	06/01/22 13:56	1
Bromodichloromethane	<0.0017		0.0017	0.00034	mg/Kg	✳	05/26/22 17:29	06/01/22 13:56	1
Bromoform	<0.0017		0.0017	0.00049	mg/Kg	✳	05/26/22 17:29	06/01/22 13:56	1
Bromomethane	<0.0042		0.0042	0.0016	mg/Kg	✳	05/26/22 17:29	06/01/22 13:56	1
Carbon disulfide	<0.0042		0.0042	0.00087	mg/Kg	✳	05/26/22 17:29	06/01/22 13:56	1
Carbon tetrachloride	<0.0017		0.0017	0.00048	mg/Kg	✳	05/26/22 17:29	06/01/22 13:56	1
Chlorobenzene	<0.0017		0.0017	0.00062	mg/Kg	✳	05/26/22 17:29	06/01/22 13:56	1
Chloroethane	<0.0042		0.0042	0.0012	mg/Kg	✳	05/26/22 17:29	06/01/22 13:56	1
Chloroform	<0.0017		0.0017	0.00058	mg/Kg	✳	05/26/22 17:29	06/01/22 13:56	1
Chloromethane	<0.0042		0.0042	0.0017	mg/Kg	✳	05/26/22 17:29	06/01/22 13:56	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00047	mg/Kg	✳	05/26/22 17:29	06/01/22 13:56	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00050	mg/Kg	✳	05/26/22 17:29	06/01/22 13:56	1
Dibromochloromethane	<0.0017		0.0017	0.00055	mg/Kg	✳	05/26/22 17:29	06/01/22 13:56	1
1,1-Dichloroethane	<0.0017		0.0017	0.00057	mg/Kg	✳	05/26/22 17:29	06/01/22 13:56	1
1,2-Dichloroethane	<0.0042		0.0042	0.0013	mg/Kg	✳	05/26/22 17:29	06/01/22 13:56	1
1,1-Dichloroethene	<0.0017		0.0017	0.00057	mg/Kg	✳	05/26/22 17:29	06/01/22 13:56	1
1,2-Dichloropropane	<0.0017		0.0017	0.00043	mg/Kg	✳	05/26/22 17:29	06/01/22 13:56	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00059	mg/Kg	✳	05/26/22 17:29	06/01/22 13:56	1
Ethylbenzene	<0.0017		0.0017	0.00080	mg/Kg	✳	05/26/22 17:29	06/01/22 13:56	1
2-Hexanone	<0.0042		0.0042	0.0013	mg/Kg	✳	05/26/22 17:29	06/01/22 13:56	1
Methylene Chloride	<0.0042		0.0042	0.0016	mg/Kg	✳	05/26/22 17:29	06/01/22 13:56	1
<b>Methyl Ethyl Ketone</b>	<b>0.0036 J</b>		0.0042	0.0019	mg/Kg	✳	05/26/22 17:29	06/01/22 13:56	1
methyl isobutyl ketone	<0.0042		0.0042	0.0012	mg/Kg	✳	05/26/22 17:29	06/01/22 13:56	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00049	mg/Kg	✳	05/26/22 17:29	06/01/22 13:56	1
Styrene	<0.0017		0.0017	0.00050	mg/Kg	✳	05/26/22 17:29	06/01/22 13:56	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00053	mg/Kg	✳	05/26/22 17:29	06/01/22 13:56	1
Tetrachloroethene	<0.0017		0.0017	0.00057	mg/Kg	✳	05/26/22 17:29	06/01/22 13:56	1
Toluene	<0.0017		0.0017	0.00042	mg/Kg	✳	05/26/22 17:29	06/01/22 13:56	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00074	mg/Kg	✳	05/26/22 17:29	06/01/22 13:56	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00059	mg/Kg	✳	05/26/22 17:29	06/01/22 13:56	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00056	mg/Kg	✳	05/26/22 17:29	06/01/22 13:56	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00072	mg/Kg	✳	05/26/22 17:29	06/01/22 13:56	1
<b>Trichloroethene</b>	<b>0.00059 J</b>		0.0017	0.00056	mg/Kg	✳	05/26/22 17:29	06/01/22 13:56	1
Vinyl chloride	<0.0017		0.0017	0.00074	mg/Kg	✳	05/26/22 17:29	06/01/22 13:56	1
Xylenes, Total	<0.0033		0.0033	0.00053	mg/Kg	✳	05/26/22 17:29	06/01/22 13:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		75 - 131	05/26/22 17:29	06/01/22 13:56	1
Dibromofluoromethane (Surr)	114		75 - 126	05/26/22 17:29	06/01/22 13:56	1
1,2-Dichloroethane-d4 (Surr)	114		70 - 134	05/26/22 17:29	06/01/22 13:56	1
Toluene-d8 (Surr)	114		75 - 124	05/26/22 17:29	06/01/22 13:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	✳	06/06/22 07:35	06/06/22 19:48	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	✳	06/06/22 07:35	06/06/22 19:48	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	✳	06/06/22 07:35	06/06/22 19:48	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	✳	06/06/22 07:35	06/06/22 19:48	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	✳	06/06/22 07:35	06/06/22 19:48	1

Eurofins Chicago

# Client Sample Results

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

Job ID: 500-217166-1

**Client Sample ID: ROW-114(0-4)-052422**

**Lab Sample ID: 500-217166-1**

**Date Collected: 05/24/22 23:40**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 84.0**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.087	mg/Kg	✱	06/06/22 07:35	06/06/22 19:48	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	✱	06/06/22 07:35	06/06/22 19:48	1
2,4-Dichlorophenol	<0.38		0.38	0.090	mg/Kg	✱	06/06/22 07:35	06/06/22 19:48	1
2,4-Dimethylphenol	<0.38		0.38	0.14	mg/Kg	✱	06/06/22 07:35	06/06/22 19:48	1
2,4-Dinitrophenol	<0.77		0.77	0.67	mg/Kg	✱	06/06/22 07:35	06/06/22 19:48	1
2,4-Dinitrotoluene	<0.19		0.19	0.060	mg/Kg	✱	06/06/22 07:35	06/06/22 19:48	1
2,6-Dinitrotoluene	<0.19		0.19	0.075	mg/Kg	✱	06/06/22 07:35	06/06/22 19:48	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	✱	06/06/22 07:35	06/06/22 19:48	1
2-Chlorophenol	<0.19		0.19	0.065	mg/Kg	✱	06/06/22 07:35	06/06/22 19:48	1
2-Methylnaphthalene	<0.077		0.077	0.0070	mg/Kg	✱	06/06/22 07:35	06/06/22 19:48	1
2-Methylphenol	<0.19		0.19	0.061	mg/Kg	✱	06/06/22 07:35	06/06/22 19:48	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	✱	06/06/22 07:35	06/06/22 19:48	1
2-Nitrophenol	<0.38		0.38	0.090	mg/Kg	✱	06/06/22 07:35	06/06/22 19:48	1
3 & 4 Methylphenol	<0.19		0.19	0.063	mg/Kg	✱	06/06/22 07:35	06/06/22 19:48	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.053	mg/Kg	✱	06/06/22 07:35	06/06/22 19:48	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	✱	06/06/22 07:35	06/06/22 19:48	1
4,6-Dinitro-2-methylphenol	<0.77		0.77	0.31	mg/Kg	✱	06/06/22 07:35	06/06/22 19:48	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	✱	06/06/22 07:35	06/06/22 19:48	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	✱	06/06/22 07:35	06/06/22 19:48	1
4-Chloroaniline	<0.77		0.77	0.18	mg/Kg	✱	06/06/22 07:35	06/06/22 19:48	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	✱	06/06/22 07:35	06/06/22 19:48	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	✱	06/06/22 07:35	06/06/22 19:48	1
4-Nitrophenol	<0.77		0.77	0.36	mg/Kg	✱	06/06/22 07:35	06/06/22 19:48	1
Acenaphthene	<0.038		0.038	0.0068	mg/Kg	✱	06/06/22 07:35	06/06/22 19:48	1
Acenaphthylene	<0.038		0.038	0.0050	mg/Kg	✱	06/06/22 07:35	06/06/22 19:48	1
Anthracene	<0.038		0.038	0.0063	mg/Kg	✱	06/06/22 07:35	06/06/22 19:48	1
Benzo[a]anthracene	<0.038		0.038	0.0051	mg/Kg	✱	06/06/22 07:35	06/06/22 19:48	1
Benzo[a]pyrene	<0.038		0.038	0.0074	mg/Kg	✱	06/06/22 07:35	06/06/22 19:48	1
Benzo[b]fluoranthene	<0.038		0.038	0.0082	mg/Kg	✱	06/06/22 07:35	06/06/22 19:48	1
Benzo[g,h,i]perylene	<0.038		0.038	0.012	mg/Kg	✱	06/06/22 07:35	06/06/22 19:48	1
Benzo[k]fluoranthene	<0.038		0.038	0.011	mg/Kg	✱	06/06/22 07:35	06/06/22 19:48	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	✱	06/06/22 07:35	06/06/22 19:48	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.057	mg/Kg	✱	06/06/22 07:35	06/06/22 19:48	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.069	mg/Kg	✱	06/06/22 07:35	06/06/22 19:48	1
Butyl benzyl phthalate	<0.19		0.19	0.072	mg/Kg	✱	06/06/22 07:35	06/06/22 19:48	1
Carbazole	<0.19		0.19	0.095	mg/Kg	✱	06/06/22 07:35	06/06/22 19:48	1
Chrysene	<0.038		0.038	0.010	mg/Kg	✱	06/06/22 07:35	06/06/22 19:48	1
Dibenz(a,h)anthracene	<0.038		0.038	0.0073	mg/Kg	✱	06/06/22 07:35	06/06/22 19:48	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	✱	06/06/22 07:35	06/06/22 19:48	1
Diethyl phthalate	<0.19		0.19	0.064	mg/Kg	✱	06/06/22 07:35	06/06/22 19:48	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	✱	06/06/22 07:35	06/06/22 19:48	1
Di-n-butyl phthalate	<0.19		0.19	0.058	mg/Kg	✱	06/06/22 07:35	06/06/22 19:48	1
Di-n-octyl phthalate	<0.19		0.19	0.062	mg/Kg	✱	06/06/22 07:35	06/06/22 19:48	1
Fluoranthene	<0.038		0.038	0.0070	mg/Kg	✱	06/06/22 07:35	06/06/22 19:48	1
Fluorene	<0.038		0.038	0.0053	mg/Kg	✱	06/06/22 07:35	06/06/22 19:48	1
Hexachlorobenzene	<0.077		0.077	0.0088	mg/Kg	✱	06/06/22 07:35	06/06/22 19:48	1
Hexachlorobutadiene	<0.19		0.19	0.060	mg/Kg	✱	06/06/22 07:35	06/06/22 19:48	1
Hexachlorocyclopentadiene	<0.77		0.77	0.22	mg/Kg	✱	06/06/22 07:35	06/06/22 19:48	1
Hexachloroethane	<0.19		0.19	0.058	mg/Kg	✱	06/06/22 07:35	06/06/22 19:48	1

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# Client Sample Results

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

Job ID: 500-217166-1

**Client Sample ID: ROW-114(0-4)-052422**

**Lab Sample ID: 500-217166-1**

**Date Collected: 05/24/22 23:40**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 84.0**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.038		0.038	0.0098	mg/Kg	☼	06/06/22 07:35	06/06/22 19:48	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	06/06/22 07:35	06/06/22 19:48	1
Naphthalene	<0.038		0.038	0.0058	mg/Kg	☼	06/06/22 07:35	06/06/22 19:48	1
Nitrobenzene	<0.038		0.038	0.0095	mg/Kg	☼	06/06/22 07:35	06/06/22 19:48	1
N-Nitrosodi-n-propylamine	<0.077		0.077	0.046	mg/Kg	☼	06/06/22 07:35	06/06/22 19:48	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	☼	06/06/22 07:35	06/06/22 19:48	1
Pentachlorophenol	<0.77		0.77	0.61	mg/Kg	☼	06/06/22 07:35	06/06/22 19:48	1
Phenanthrene	<0.038		0.038	0.0053	mg/Kg	☼	06/06/22 07:35	06/06/22 19:48	1
Phenol	<0.19		0.19	0.084	mg/Kg	☼	06/06/22 07:35	06/06/22 19:48	1
Pyrene	<0.038		0.038	0.0075	mg/Kg	☼	06/06/22 07:35	06/06/22 19:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	101		31 - 143	06/06/22 07:35	06/06/22 19:48	1
2-Fluorobiphenyl (Surr)	86		43 - 145	06/06/22 07:35	06/06/22 19:48	1
2-Fluorophenol (Surr)	102		31 - 166	06/06/22 07:35	06/06/22 19:48	1
Nitrobenzene-d5 (Surr)	76		37 - 147	06/06/22 07:35	06/06/22 19:48	1
Phenol-d5 (Surr)	104		30 - 153	06/06/22 07:35	06/06/22 19:48	1
Terphenyl-d14 (Surr)	101		42 - 157	06/06/22 07:35	06/06/22 19:48	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/01/22 19:36	06/02/22 14:27	1
<b>Barium</b>	<b>0.71</b>		0.50	0.050	mg/L		06/01/22 19:36	06/02/22 14:27	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/01/22 19:36	06/02/22 14:27	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/22 19:36	06/02/22 14:27	1
Chromium	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 14:27	1
<b>Cobalt</b>	<b>0.010</b>	<b>J</b>	0.025	0.010	mg/L		06/01/22 19:36	06/02/22 14:27	1
Copper	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 14:27	1
Iron	<0.40		0.40	0.20	mg/L		06/01/22 19:36	06/02/22 14:27	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/01/22 19:36	06/02/22 14:27	1
<b>Manganese</b>	<b>5.3</b>		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 14:27	1
Nickel	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 14:27	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/22 19:36	06/02/22 14:27	1
Silver	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 14:27	1
<b>Zinc</b>	<b>0.055</b>	<b>J</b>	0.50	0.020	mg/L		06/01/22 19:36	06/02/22 14:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.10</b>		0.050	0.010	mg/L		06/01/22 19:39	06/02/22 17:14	1
<b>Barium</b>	<b>0.78</b>		0.50	0.050	mg/L		06/01/22 19:39	06/02/22 17:14	1
<b>Beryllium</b>	<b>0.010</b>		0.0040	0.0040	mg/L		06/01/22 19:39	06/02/22 17:14	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/22 19:39	06/02/22 17:14	1
<b>Chromium</b>	<b>0.18</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:14	1
<b>Cobalt</b>	<b>0.091</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:14	1
<b>Copper</b>	<b>0.19</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:14	1
<b>Iron</b>	<b>230</b>		0.40	0.20	mg/L		06/01/22 19:39	06/02/22 17:14	1
<b>Lead</b>	<b>0.11</b>		0.0075	0.0075	mg/L		06/01/22 19:39	06/02/22 17:14	1
<b>Manganese</b>	<b>1.9</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:14	1
<b>Nickel</b>	<b>0.24</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:14	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/22 19:39	06/02/22 17:14	1

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# Client Sample Results

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

Job ID: 500-217166-1

**Client Sample ID: ROW-114(0-4)-052422**

**Lab Sample ID: 500-217166-1**

Date Collected: 05/24/22 23:40

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 84.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:14	1
<b>Zinc</b>	<b>0.51</b>		0.50	0.020	mg/L		06/01/22 19:39	06/02/22 17:14	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	12000		11	4.4	mg/Kg	☆	06/03/22 08:43	06/03/22 19:44	1
Antimony	0.37	J	1.1	0.21	mg/Kg	☆	06/03/22 08:43	06/03/22 19:44	1
Arsenic	9.1		0.54	0.19	mg/Kg	☆	06/03/22 08:43	06/03/22 19:44	1
Barium	81		0.54	0.062	mg/Kg	☆	06/03/22 08:43	06/03/22 19:44	1
Beryllium	0.90		0.22	0.051	mg/Kg	☆	06/03/22 08:43	06/03/22 19:44	1
Cadmium	0.13	B	0.12	0.021	mg/Kg	☆	06/07/22 09:33	06/07/22 18:50	1
Calcium	13000	B	11	1.8	mg/Kg	☆	06/03/22 08:43	06/03/22 19:44	1
Chromium	16		0.54	0.27	mg/Kg	☆	06/03/22 08:43	06/03/22 19:44	1
Cobalt	13		0.27	0.071	mg/Kg	☆	06/03/22 08:43	06/03/22 19:44	1
Copper	21		0.58	0.16	mg/Kg	☆	06/07/22 09:33	06/07/22 18:50	1
Iron	23000	B	11	5.6	mg/Kg	☆	06/03/22 08:43	06/03/22 19:44	1
Lead	17		0.27	0.13	mg/Kg	☆	06/03/22 08:43	06/03/22 19:44	1
Magnesium	7900		5.4	2.7	mg/Kg	☆	06/03/22 08:43	06/03/22 19:44	1
Manganese	260	B	0.54	0.079	mg/Kg	☆	06/03/22 08:43	06/03/22 19:44	1
Nickel	33		0.54	0.16	mg/Kg	☆	06/03/22 08:43	06/03/22 19:44	1
Potassium	1400	B	27	9.6	mg/Kg	☆	06/03/22 08:43	06/03/22 19:44	1
Selenium	0.32	J	0.54	0.32	mg/Kg	☆	06/03/22 08:43	06/03/22 19:44	1
Silver	0.40		0.27	0.070	mg/Kg	☆	06/03/22 08:43	06/03/22 19:44	1
Sodium	600	B	54	8.0	mg/Kg	☆	06/03/22 08:43	06/03/22 19:44	1
Thallium	0.38	J	0.54	0.27	mg/Kg	☆	06/03/22 08:43	06/03/22 19:44	1
Vanadium	23		0.27	0.064	mg/Kg	☆	06/03/22 08:43	06/03/22 19:44	1
Zinc	58	B	1.1	0.48	mg/Kg	☆	06/03/22 08:43	06/03/22 19:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/22 15:10	06/02/22 11:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/22 15:10	06/02/22 14:04	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.027		0.018	0.0061	mg/Kg	☆	06/01/22 14:20	06/02/22 11:52	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.1		0.2	0.2	SU			05/27/22 13:39	1

# Client Sample Results

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

Job ID: 500-217166-1

**Client Sample ID: ROW-114(0-4)-052422D**

**Lab Sample ID: 500-217166-2**

**Date Collected: 05/24/22 23:40**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 80.9**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.023		0.023	0.010	mg/Kg	☼	05/26/22 17:29	06/01/22 14:20	1
Benzene	<0.0023		0.0023	0.00059	mg/Kg	☼	05/26/22 17:29	06/01/22 14:20	1
Bromodichloromethane	<0.0023		0.0023	0.00047	mg/Kg	☼	05/26/22 17:29	06/01/22 14:20	1
Bromoform	<0.0023		0.0023	0.00068	mg/Kg	☼	05/26/22 17:29	06/01/22 14:20	1
Bromomethane	<0.0058		0.0058	0.0022	mg/Kg	☼	05/26/22 17:29	06/01/22 14:20	1
Carbon disulfide	<0.0058		0.0058	0.0012	mg/Kg	☼	05/26/22 17:29	06/01/22 14:20	1
Carbon tetrachloride	<0.0023		0.0023	0.00067	mg/Kg	☼	05/26/22 17:29	06/01/22 14:20	1
Chlorobenzene	<0.0023		0.0023	0.00085	mg/Kg	☼	05/26/22 17:29	06/01/22 14:20	1
Chloroethane	<0.0058		0.0058	0.0017	mg/Kg	☼	05/26/22 17:29	06/01/22 14:20	1
Chloroform	<0.0023		0.0023	0.00080	mg/Kg	☼	05/26/22 17:29	06/01/22 14:20	1
Chloromethane	<0.0058		0.0058	0.0023	mg/Kg	☼	05/26/22 17:29	06/01/22 14:20	1
cis-1,2-Dichloroethene	<0.0023		0.0023	0.00065	mg/Kg	☼	05/26/22 17:29	06/01/22 14:20	1
cis-1,3-Dichloropropene	<0.0023		0.0023	0.00070	mg/Kg	☼	05/26/22 17:29	06/01/22 14:20	1
Dibromochloromethane	<0.0023		0.0023	0.00076	mg/Kg	☼	05/26/22 17:29	06/01/22 14:20	1
1,1-Dichloroethane	<0.0023		0.0023	0.00079	mg/Kg	☼	05/26/22 17:29	06/01/22 14:20	1
1,2-Dichloroethane	<0.0058		0.0058	0.0018	mg/Kg	☼	05/26/22 17:29	06/01/22 14:20	1
1,1-Dichloroethene	<0.0023		0.0023	0.00080	mg/Kg	☼	05/26/22 17:29	06/01/22 14:20	1
1,2-Dichloropropane	<0.0023		0.0023	0.00060	mg/Kg	☼	05/26/22 17:29	06/01/22 14:20	1
1,3-Dichloropropane, Total	<0.0023		0.0023	0.00081	mg/Kg	☼	05/26/22 17:29	06/01/22 14:20	1
Ethylbenzene	<0.0023		0.0023	0.0011	mg/Kg	☼	05/26/22 17:29	06/01/22 14:20	1
2-Hexanone	<0.0058		0.0058	0.0018	mg/Kg	☼	05/26/22 17:29	06/01/22 14:20	1
Methylene Chloride	<0.0058		0.0058	0.0023	mg/Kg	☼	05/26/22 17:29	06/01/22 14:20	1
Methyl Ethyl Ketone	<0.0058		0.0058	0.0026	mg/Kg	☼	05/26/22 17:29	06/01/22 14:20	1
methyl isobutyl ketone	<0.0058		0.0058	0.0017	mg/Kg	☼	05/26/22 17:29	06/01/22 14:20	1
Methyl tert-butyl ether	<0.0023		0.0023	0.00068	mg/Kg	☼	05/26/22 17:29	06/01/22 14:20	1
Styrene	<0.0023		0.0023	0.00070	mg/Kg	☼	05/26/22 17:29	06/01/22 14:20	1
1,1,2,2-Tetrachloroethane	<0.0023		0.0023	0.00074	mg/Kg	☼	05/26/22 17:29	06/01/22 14:20	1
Tetrachloroethene	<0.0023		0.0023	0.00079	mg/Kg	☼	05/26/22 17:29	06/01/22 14:20	1
Toluene	<0.0023		0.0023	0.00058	mg/Kg	☼	05/26/22 17:29	06/01/22 14:20	1
trans-1,2-Dichloroethene	<0.0023		0.0023	0.0010	mg/Kg	☼	05/26/22 17:29	06/01/22 14:20	1
trans-1,3-Dichloropropene	<0.0023		0.0023	0.00081	mg/Kg	☼	05/26/22 17:29	06/01/22 14:20	1
1,1,1-Trichloroethane	<0.0023		0.0023	0.00078	mg/Kg	☼	05/26/22 17:29	06/01/22 14:20	1
1,1,2-Trichloroethane	<0.0023		0.0023	0.00099	mg/Kg	☼	05/26/22 17:29	06/01/22 14:20	1
Trichloroethene	<0.0023		0.0023	0.00078	mg/Kg	☼	05/26/22 17:29	06/01/22 14:20	1
Vinyl chloride	<0.0023		0.0023	0.0010	mg/Kg	☼	05/26/22 17:29	06/01/22 14:20	1
Xylenes, Total	<0.0046		0.0046	0.00074	mg/Kg	☼	05/26/22 17:29	06/01/22 14:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		75 - 131	05/26/22 17:29	06/01/22 14:20	1
Dibromofluoromethane (Surr)	107		75 - 126	05/26/22 17:29	06/01/22 14:20	1
1,2-Dichloroethane-d4 (Surr)	114		70 - 134	05/26/22 17:29	06/01/22 14:20	1
Toluene-d8 (Surr)	109		75 - 124	05/26/22 17:29	06/01/22 14:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.043	mg/Kg	☼	06/06/22 07:35	06/06/22 20:12	1
1,2-Dichlorobenzene	<0.20		0.20	0.048	mg/Kg	☼	06/06/22 07:35	06/06/22 20:12	1
1,3-Dichlorobenzene	<0.20		0.20	0.045	mg/Kg	☼	06/06/22 07:35	06/06/22 20:12	1
1,4-Dichlorobenzene	<0.20		0.20	0.051	mg/Kg	☼	06/06/22 07:35	06/06/22 20:12	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	☼	06/06/22 07:35	06/06/22 20:12	1

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# Client Sample Results

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

Job ID: 500-217166-1

Client Sample ID: ROW-114(0-4)-052422D

Lab Sample ID: 500-217166-2

Date Collected: 05/24/22 23:40

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 80.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.40		0.40	0.091	mg/Kg	✳	06/06/22 07:35	06/06/22 20:12	1
2,4,6-Trichlorophenol	<0.40		0.40	0.14	mg/Kg	✳	06/06/22 07:35	06/06/22 20:12	1
2,4-Dichlorophenol	<0.40		0.40	0.095	mg/Kg	✳	06/06/22 07:35	06/06/22 20:12	1
2,4-Dimethylphenol	<0.40		0.40	0.15	mg/Kg	✳	06/06/22 07:35	06/06/22 20:12	1
2,4-Dinitrophenol	<0.80		0.80	0.70	mg/Kg	✳	06/06/22 07:35	06/06/22 20:12	1
2,4-Dinitrotoluene	<0.20		0.20	0.063	mg/Kg	✳	06/06/22 07:35	06/06/22 20:12	1
2,6-Dinitrotoluene	<0.20		0.20	0.078	mg/Kg	✳	06/06/22 07:35	06/06/22 20:12	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	✳	06/06/22 07:35	06/06/22 20:12	1
2-Chlorophenol	<0.20		0.20	0.068	mg/Kg	✳	06/06/22 07:35	06/06/22 20:12	1
2-Methylnaphthalene	<0.080		0.080	0.0073	mg/Kg	✳	06/06/22 07:35	06/06/22 20:12	1
2-Methylphenol	<0.20		0.20	0.064	mg/Kg	✳	06/06/22 07:35	06/06/22 20:12	1
2-Nitroaniline	<0.20		0.20	0.054	mg/Kg	✳	06/06/22 07:35	06/06/22 20:12	1
2-Nitrophenol	<0.40		0.40	0.094	mg/Kg	✳	06/06/22 07:35	06/06/22 20:12	1
3 & 4 Methylphenol	<0.20		0.20	0.066	mg/Kg	✳	06/06/22 07:35	06/06/22 20:12	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.056	mg/Kg	✳	06/06/22 07:35	06/06/22 20:12	1
3-Nitroaniline	<0.40		0.40	0.12	mg/Kg	✳	06/06/22 07:35	06/06/22 20:12	1
4,6-Dinitro-2-methylphenol	<0.80		0.80	0.32	mg/Kg	✳	06/06/22 07:35	06/06/22 20:12	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.053	mg/Kg	✳	06/06/22 07:35	06/06/22 20:12	1
4-Chloro-3-methylphenol	<0.40		0.40	0.14	mg/Kg	✳	06/06/22 07:35	06/06/22 20:12	1
4-Chloroaniline	<0.80		0.80	0.19	mg/Kg	✳	06/06/22 07:35	06/06/22 20:12	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.047	mg/Kg	✳	06/06/22 07:35	06/06/22 20:12	1
4-Nitroaniline	<0.40		0.40	0.17	mg/Kg	✳	06/06/22 07:35	06/06/22 20:12	1
4-Nitrophenol	<0.80		0.80	0.38	mg/Kg	✳	06/06/22 07:35	06/06/22 20:12	1
Acenaphthene	<0.040		0.040	0.0072	mg/Kg	✳	06/06/22 07:35	06/06/22 20:12	1
Acenaphthylene	<0.040		0.040	0.0053	mg/Kg	✳	06/06/22 07:35	06/06/22 20:12	1
Anthracene	<0.040		0.040	0.0067	mg/Kg	✳	06/06/22 07:35	06/06/22 20:12	1
Benzo[a]anthracene	<0.040		0.040	0.0054	mg/Kg	✳	06/06/22 07:35	06/06/22 20:12	1
Benzo[a]pyrene	<0.040		0.040	0.0077	mg/Kg	✳	06/06/22 07:35	06/06/22 20:12	1
Benzo[b]fluoranthene	<0.040		0.040	0.0086	mg/Kg	✳	06/06/22 07:35	06/06/22 20:12	1
Benzo[g,h,i]perylene	<0.040		0.040	0.013	mg/Kg	✳	06/06/22 07:35	06/06/22 20:12	1
Benzo[k]fluoranthene	<0.040		0.040	0.012	mg/Kg	✳	06/06/22 07:35	06/06/22 20:12	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.041	mg/Kg	✳	06/06/22 07:35	06/06/22 20:12	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.060	mg/Kg	✳	06/06/22 07:35	06/06/22 20:12	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.073	mg/Kg	✳	06/06/22 07:35	06/06/22 20:12	1
Butyl benzyl phthalate	<0.20		0.20	0.076	mg/Kg	✳	06/06/22 07:35	06/06/22 20:12	1
Carbazole	<0.20		0.20	0.10	mg/Kg	✳	06/06/22 07:35	06/06/22 20:12	1
Chrysene	<0.040		0.040	0.011	mg/Kg	✳	06/06/22 07:35	06/06/22 20:12	1
Dibenz(a,h)anthracene	<0.040		0.040	0.0077	mg/Kg	✳	06/06/22 07:35	06/06/22 20:12	1
Dibenzofuran	<0.20		0.20	0.047	mg/Kg	✳	06/06/22 07:35	06/06/22 20:12	1
Diethyl phthalate	<0.20		0.20	0.068	mg/Kg	✳	06/06/22 07:35	06/06/22 20:12	1
Dimethyl phthalate	<0.20		0.20	0.052	mg/Kg	✳	06/06/22 07:35	06/06/22 20:12	1
Di-n-butyl phthalate	<0.20		0.20	0.061	mg/Kg	✳	06/06/22 07:35	06/06/22 20:12	1
Di-n-octyl phthalate	<0.20		0.20	0.065	mg/Kg	✳	06/06/22 07:35	06/06/22 20:12	1
Fluoranthene	<0.040		0.040	0.0074	mg/Kg	✳	06/06/22 07:35	06/06/22 20:12	1
Fluorene	<0.040		0.040	0.0056	mg/Kg	✳	06/06/22 07:35	06/06/22 20:12	1
Hexachlorobenzene	<0.080		0.080	0.0092	mg/Kg	✳	06/06/22 07:35	06/06/22 20:12	1
Hexachlorobutadiene	<0.20		0.20	0.063	mg/Kg	✳	06/06/22 07:35	06/06/22 20:12	1
Hexachlorocyclopentadiene	<0.80		0.80	0.23	mg/Kg	✳	06/06/22 07:35	06/06/22 20:12	1
Hexachloroethane	<0.20		0.20	0.061	mg/Kg	✳	06/06/22 07:35	06/06/22 20:12	1

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# Client Sample Results

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

Job ID: 500-217166-1

**Client Sample ID: ROW-114(0-4)-052422D**

**Lab Sample ID: 500-217166-2**

Date Collected: 05/24/22 23:40

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 80.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.040		0.040	0.010	mg/Kg	☼	06/06/22 07:35	06/06/22 20:12	1
Isophorone	<0.20		0.20	0.045	mg/Kg	☼	06/06/22 07:35	06/06/22 20:12	1
Naphthalene	<0.040		0.040	0.0061	mg/Kg	☼	06/06/22 07:35	06/06/22 20:12	1
Nitrobenzene	<0.040		0.040	0.0099	mg/Kg	☼	06/06/22 07:35	06/06/22 20:12	1
N-Nitrosodi-n-propylamine	<0.080		0.080	0.049	mg/Kg	☼	06/06/22 07:35	06/06/22 20:12	1
N-Nitrosodiphenylamine	<0.20		0.20	0.047	mg/Kg	☼	06/06/22 07:35	06/06/22 20:12	1
Pentachlorophenol	<0.80		0.80	0.64	mg/Kg	☼	06/06/22 07:35	06/06/22 20:12	1
Phenanthrene	<0.040		0.040	0.0056	mg/Kg	☼	06/06/22 07:35	06/06/22 20:12	1
Phenol	<0.20		0.20	0.089	mg/Kg	☼	06/06/22 07:35	06/06/22 20:12	1
Pyrene	<0.040		0.040	0.0079	mg/Kg	☼	06/06/22 07:35	06/06/22 20:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	99		31 - 143				06/06/22 07:35	06/06/22 20:12	1
2-Fluorobiphenyl (Surr)	90		43 - 145				06/06/22 07:35	06/06/22 20:12	1
2-Fluorophenol (Surr)	103		31 - 166				06/06/22 07:35	06/06/22 20:12	1
Nitrobenzene-d5 (Surr)	80		37 - 147				06/06/22 07:35	06/06/22 20:12	1
Phenol-d5 (Surr)	100		30 - 153				06/06/22 07:35	06/06/22 20:12	1
Terphenyl-d14 (Surr)	98		42 - 157				06/06/22 07:35	06/06/22 20:12	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/01/22 19:36	06/02/22 14:30	1
<b>Barium</b>	<b>0.68</b>		0.50	0.050	mg/L		06/01/22 19:36	06/02/22 14:30	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/01/22 19:36	06/02/22 14:30	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/22 19:36	06/02/22 14:30	1
Chromium	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 14:30	1
<b>Cobalt</b>	<b>0.013 J</b>		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 14:30	1
Copper	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 14:30	1
Iron	<0.40		0.40	0.20	mg/L		06/01/22 19:36	06/02/22 14:30	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/01/22 19:36	06/02/22 14:30	1
<b>Manganese</b>	<b>4.7</b>		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 14:30	1
<b>Nickel</b>	<b>0.012 J</b>		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 14:30	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/22 19:36	06/02/22 14:30	1
Silver	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 14:30	1
Zinc	<0.50		0.50	0.020	mg/L		06/01/22 19:36	06/02/22 14:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.13</b>		0.050	0.010	mg/L		06/01/22 19:39	06/02/22 17:17	1
<b>Barium</b>	<b>0.83</b>		0.50	0.050	mg/L		06/01/22 19:39	06/02/22 17:17	1
<b>Beryllium</b>	<b>0.013</b>		0.0040	0.0040	mg/L		06/01/22 19:39	06/02/22 17:17	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/22 19:39	06/02/22 17:17	1
<b>Chromium</b>	<b>0.23</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:17	1
<b>Cobalt</b>	<b>0.12</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:17	1
<b>Copper</b>	<b>0.25</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:17	1
<b>Iron</b>	<b>290</b>		0.40	0.20	mg/L		06/01/22 19:39	06/02/22 17:17	1
<b>Lead</b>	<b>0.13</b>		0.0075	0.0075	mg/L		06/01/22 19:39	06/02/22 17:17	1
<b>Manganese</b>	<b>2.1</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:17	1
<b>Nickel</b>	<b>0.33</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:17	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/22 19:39	06/02/22 17:17	1

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# Client Sample Results

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

Job ID: 500-217166-1

**Client Sample ID: ROW-114(0-4)-052422D**

**Lab Sample ID: 500-217166-2**

Date Collected: 05/24/22 23:40

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 80.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:17	1
<b>Zinc</b>	<b>0.63</b>		0.50	0.020	mg/L		06/01/22 19:39	06/02/22 17:17	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>11000</b>		12	4.7	mg/Kg	☆	06/03/22 08:43	06/03/22 19:47	1
<b>Antimony</b>	<b>0.35</b>	J	1.2	0.22	mg/Kg	☆	06/03/22 08:43	06/03/22 19:47	1
<b>Arsenic</b>	<b>9.4</b>		0.58	0.20	mg/Kg	☆	06/03/22 08:43	06/03/22 19:47	1
<b>Barium</b>	<b>55</b>		0.58	0.066	mg/Kg	☆	06/03/22 08:43	06/03/22 19:47	1
<b>Beryllium</b>	<b>0.78</b>		0.23	0.054	mg/Kg	☆	06/03/22 08:43	06/03/22 19:47	1
Cadmium	<0.12		0.12	0.021	mg/Kg	☆	06/03/22 08:43	06/03/22 19:47	1
<b>Calcium</b>	<b>5400</b>		60	10	mg/Kg	☆	06/07/22 09:33	06/08/22 11:05	5
<b>Chromium</b>	<b>15</b>		0.58	0.29	mg/Kg	☆	06/03/22 08:43	06/03/22 19:47	1
<b>Cobalt</b>	<b>15</b>		0.29	0.075	mg/Kg	☆	06/03/22 08:43	06/03/22 19:47	1
<b>Copper</b>	<b>26</b>		0.60	0.17	mg/Kg	☆	06/07/22 09:33	06/07/22 18:53	1
<b>Iron</b>	<b>20000</b>	B	12	6.0	mg/Kg	☆	06/03/22 08:43	06/03/22 19:47	1
<b>Lead</b>	<b>16</b>		0.29	0.13	mg/Kg	☆	06/03/22 08:43	06/03/22 19:47	1
<b>Magnesium</b>	<b>22000</b>		5.8	2.9	mg/Kg	☆	06/03/22 08:43	06/03/22 19:47	1
<b>Manganese</b>	<b>410</b>	B	0.58	0.084	mg/Kg	☆	06/03/22 08:43	06/03/22 19:47	1
<b>Nickel</b>	<b>30</b>		0.58	0.17	mg/Kg	☆	06/03/22 08:43	06/03/22 19:47	1
<b>Potassium</b>	<b>1700</b>	B	29	10	mg/Kg	☆	06/03/22 08:43	06/03/22 19:47	1
Selenium	<0.58		0.58	0.34	mg/Kg	☆	06/03/22 08:43	06/03/22 19:47	1
<b>Silver</b>	<b>0.24</b>	J	0.29	0.074	mg/Kg	☆	06/03/22 08:43	06/03/22 19:47	1
<b>Sodium</b>	<b>970</b>	B	58	8.5	mg/Kg	☆	06/03/22 08:43	06/03/22 19:47	1
<b>Thallium</b>	<b>0.56</b>	J	0.58	0.29	mg/Kg	☆	06/03/22 08:43	06/03/22 19:47	1
<b>Vanadium</b>	<b>22</b>		0.29	0.068	mg/Kg	☆	06/03/22 08:43	06/03/22 19:47	1
<b>Zinc</b>	<b>59</b>	B	1.2	0.51	mg/Kg	☆	06/03/22 08:43	06/03/22 19:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/22 15:10	06/02/22 11:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/22 15:10	06/02/22 14:06	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.021</b>		0.020	0.0067	mg/Kg	☆	06/01/22 14:20	06/02/22 11:54	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.1</b>		0.2	0.2	SU			05/27/22 13:39	1

# Client Sample Results

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

Job ID: 500-217166-1

**Client Sample ID: ROW-114(4-9)-052422**

**Lab Sample ID: 500-217166-3**

**Date Collected: 05/24/22 23:45**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 82.6**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>0.058</b>		0.019	0.0083	mg/Kg	☼	05/26/22 17:29	06/01/22 14:45	1
Benzene	<0.0019		0.0019	0.00049	mg/Kg	☼	05/26/22 17:29	06/01/22 14:45	1
Bromodichloromethane	<0.0019		0.0019	0.00039	mg/Kg	☼	05/26/22 17:29	06/01/22 14:45	1
Bromoform	<0.0019		0.0019	0.00056	mg/Kg	☼	05/26/22 17:29	06/01/22 14:45	1
Bromomethane	<0.0048		0.0048	0.0018	mg/Kg	☼	05/26/22 17:29	06/01/22 14:45	1
Carbon disulfide	<0.0048		0.0048	0.0010	mg/Kg	☼	05/26/22 17:29	06/01/22 14:45	1
Carbon tetrachloride	<0.0019		0.0019	0.00056	mg/Kg	☼	05/26/22 17:29	06/01/22 14:45	1
Chlorobenzene	<0.0019		0.0019	0.00071	mg/Kg	☼	05/26/22 17:29	06/01/22 14:45	1
Chloroethane	<0.0048		0.0048	0.0014	mg/Kg	☼	05/26/22 17:29	06/01/22 14:45	1
Chloroform	<0.0019		0.0019	0.00066	mg/Kg	☼	05/26/22 17:29	06/01/22 14:45	1
Chloromethane	<0.0048		0.0048	0.0019	mg/Kg	☼	05/26/22 17:29	06/01/22 14:45	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00053	mg/Kg	☼	05/26/22 17:29	06/01/22 14:45	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00058	mg/Kg	☼	05/26/22 17:29	06/01/22 14:45	1
Dibromochloromethane	<0.0019		0.0019	0.00063	mg/Kg	☼	05/26/22 17:29	06/01/22 14:45	1
1,1-Dichloroethane	<0.0019		0.0019	0.00066	mg/Kg	☼	05/26/22 17:29	06/01/22 14:45	1
1,2-Dichloroethane	<0.0048		0.0048	0.0015	mg/Kg	☼	05/26/22 17:29	06/01/22 14:45	1
1,1-Dichloroethene	<0.0019		0.0019	0.00066	mg/Kg	☼	05/26/22 17:29	06/01/22 14:45	1
1,2-Dichloropropane	<0.0019		0.0019	0.00049	mg/Kg	☼	05/26/22 17:29	06/01/22 14:45	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00067	mg/Kg	☼	05/26/22 17:29	06/01/22 14:45	1
Ethylbenzene	<0.0019		0.0019	0.00092	mg/Kg	☼	05/26/22 17:29	06/01/22 14:45	1
2-Hexanone	<0.0048		0.0048	0.0015	mg/Kg	☼	05/26/22 17:29	06/01/22 14:45	1
Methylene Chloride	<0.0048		0.0048	0.0019	mg/Kg	☼	05/26/22 17:29	06/01/22 14:45	1
<b>Methyl Ethyl Ketone</b>	<b>0.010</b>		0.0048	0.0021	mg/Kg	☼	05/26/22 17:29	06/01/22 14:45	1
methyl isobutyl ketone	<0.0048		0.0048	0.0014	mg/Kg	☼	05/26/22 17:29	06/01/22 14:45	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00056	mg/Kg	☼	05/26/22 17:29	06/01/22 14:45	1
Styrene	<0.0019		0.0019	0.00058	mg/Kg	☼	05/26/22 17:29	06/01/22 14:45	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00061	mg/Kg	☼	05/26/22 17:29	06/01/22 14:45	1
Tetrachloroethene	<0.0019		0.0019	0.00065	mg/Kg	☼	05/26/22 17:29	06/01/22 14:45	1
Toluene	<0.0019		0.0019	0.00048	mg/Kg	☼	05/26/22 17:29	06/01/22 14:45	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00085	mg/Kg	☼	05/26/22 17:29	06/01/22 14:45	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00067	mg/Kg	☼	05/26/22 17:29	06/01/22 14:45	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00064	mg/Kg	☼	05/26/22 17:29	06/01/22 14:45	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00082	mg/Kg	☼	05/26/22 17:29	06/01/22 14:45	1
Trichloroethene	<0.0019		0.0019	0.00065	mg/Kg	☼	05/26/22 17:29	06/01/22 14:45	1
Vinyl chloride	<0.0019		0.0019	0.00085	mg/Kg	☼	05/26/22 17:29	06/01/22 14:45	1
Xylenes, Total	<0.0038		0.0038	0.00061	mg/Kg	☼	05/26/22 17:29	06/01/22 14:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		75 - 131	05/26/22 17:29	06/01/22 14:45	1
Dibromofluoromethane (Surr)	113		75 - 126	05/26/22 17:29	06/01/22 14:45	1
1,2-Dichloroethane-d4 (Surr)	116		70 - 134	05/26/22 17:29	06/01/22 14:45	1
Toluene-d8 (Surr)	113		75 - 124	05/26/22 17:29	06/01/22 14:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.042	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
1,4-Dichlorobenzene	<0.20		0.20	0.051	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1

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# Client Sample Results

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

Job ID: 500-217166-1

Client Sample ID: ROW-114(4-9)-052422

Lab Sample ID: 500-217166-3

Date Collected: 05/24/22 23:45

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 82.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.090	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
2,4,6-Trichlorophenol	<0.39		0.39	0.14	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
2,4-Dichlorophenol	<0.39		0.39	0.094	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
2,4-Dinitrophenol	<0.79		0.79	0.69	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
2,4-Dinitrotoluene	<0.20		0.20	0.063	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
2,6-Dinitrotoluene	<0.20		0.20	0.077	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
2-Chlorophenol	<0.20		0.20	0.067	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
2-Methylnaphthalene	<0.079		0.079	0.0072	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
2-Nitrophenol	<0.39		0.39	0.093	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
3 & 4 Methylphenol	<0.20		0.20	0.066	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.32	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
4-Chloroaniline	<0.79		0.79	0.19	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
4-Nitroaniline	<0.39		0.39	0.16	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
4-Nitrophenol	<0.79		0.79	0.37	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
Acenaphthene	<0.039		0.039	0.0071	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
Anthracene	<0.039		0.039	0.0066	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
Benzo[a]anthracene	<0.039		0.039	0.0053	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
<b>Benzo[a]pyrene</b>	<b>0.0083</b>	<b>J</b>	0.039	0.0076	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
<b>Benzo[b]fluoranthene</b>	<b>0.015</b>	<b>J</b>	0.039	0.0085	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
Benzo[g,h,i]perylene	<0.039		0.039	0.013	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
Benzo[k]fluoranthene	<0.039		0.039	0.012	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
Butyl benzyl phthalate	<0.20		0.20	0.075	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
Carbazole	<0.20		0.20	0.098	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
<b>Chrysene</b>	<b>0.011</b>	<b>J</b>	0.039	0.011	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
Dibenz(a,h)anthracene	<0.039		0.039	0.0076	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
Diethyl phthalate	<0.20		0.20	0.067	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
Dimethyl phthalate	<0.20		0.20	0.051	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
<b>Fluoranthene</b>	<b>0.013</b>	<b>J</b>	0.039	0.0073	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
Fluorene	<0.039		0.039	0.0055	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
Hexachlorobenzene	<0.079		0.079	0.0091	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
Hexachlorocyclopentadiene	<0.79		0.79	0.23	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1
Hexachloroethane	<0.20		0.20	0.060	mg/Kg	☼	06/06/22 07:35	06/06/22 20:37	1

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# Client Sample Results

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

Job ID: 500-217166-1

Client Sample ID: ROW-114(4-9)-052422

Lab Sample ID: 500-217166-3

Date Collected: 05/24/22 23:45

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 82.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.039		0.039	0.010	mg/Kg	✳	06/06/22 07:35	06/06/22 20:37	1
Isophorone	<0.20		0.20	0.044	mg/Kg	✳	06/06/22 07:35	06/06/22 20:37	1
Naphthalene	<0.039		0.039	0.0061	mg/Kg	✳	06/06/22 07:35	06/06/22 20:37	1
Nitrobenzene	<0.039		0.039	0.0098	mg/Kg	✳	06/06/22 07:35	06/06/22 20:37	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.048	mg/Kg	✳	06/06/22 07:35	06/06/22 20:37	1
N-Nitrosodiphenylamine	<0.20		0.20	0.047	mg/Kg	✳	06/06/22 07:35	06/06/22 20:37	1
Pentachlorophenol	<0.79		0.79	0.63	mg/Kg	✳	06/06/22 07:35	06/06/22 20:37	1
<b>Phenanthrene</b>	<b>0.0075</b>	<b>J</b>	0.039	0.0055	mg/Kg	✳	06/06/22 07:35	06/06/22 20:37	1
Phenol	<0.20		0.20	0.088	mg/Kg	✳	06/06/22 07:35	06/06/22 20:37	1
<b>Pyrene</b>	<b>0.013</b>	<b>J</b>	0.039	0.0078	mg/Kg	✳	06/06/22 07:35	06/06/22 20:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	93		31 - 143				06/06/22 07:35	06/06/22 20:37	1
2-Fluorobiphenyl (Surr)	78		43 - 145				06/06/22 07:35	06/06/22 20:37	1
2-Fluorophenol (Surr)	101		31 - 166				06/06/22 07:35	06/06/22 20:37	1
Nitrobenzene-d5 (Surr)	67		37 - 147				06/06/22 07:35	06/06/22 20:37	1
Phenol-d5 (Surr)	109		30 - 153				06/06/22 07:35	06/06/22 20:37	1
Terphenyl-d14 (Surr)	97		42 - 157				06/06/22 07:35	06/06/22 20:37	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/01/22 19:36	06/02/22 14:34	1
<b>Barium</b>	<b>0.74</b>		0.50	0.050	mg/L		06/01/22 19:36	06/02/22 14:34	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/01/22 19:36	06/02/22 14:34	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/22 19:36	06/02/22 14:34	1
Chromium	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 14:34	1
<b>Cobalt</b>	<b>0.014</b>	<b>J</b>	0.025	0.010	mg/L		06/01/22 19:36	06/02/22 14:34	1
Copper	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 14:34	1
Iron	<0.40		0.40	0.20	mg/L		06/01/22 19:36	06/02/22 14:34	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/01/22 19:36	06/02/22 14:34	1
<b>Manganese</b>	<b>5.9</b>		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 14:34	1
<b>Nickel</b>	<b>0.013</b>	<b>J</b>	0.025	0.010	mg/L		06/01/22 19:36	06/02/22 14:34	1
<b>Selenium</b>	<b>0.021</b>	<b>J</b>	0.050	0.020	mg/L		06/01/22 19:36	06/02/22 14:34	1
Silver	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 14:34	1
<b>Zinc</b>	<b>0.022</b>	<b>J</b>	0.50	0.020	mg/L		06/01/22 19:36	06/02/22 14:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.057</b>		0.050	0.010	mg/L		06/01/22 19:39	06/02/22 17:20	1
<b>Barium</b>	<b>0.60</b>		0.50	0.050	mg/L		06/01/22 19:39	06/02/22 17:20	1
<b>Beryllium</b>	<b>0.0078</b>		0.0040	0.0040	mg/L		06/01/22 19:39	06/02/22 17:20	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/22 19:39	06/02/22 17:20	1
<b>Chromium</b>	<b>0.15</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:20	1
<b>Cobalt</b>	<b>0.070</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:20	1
<b>Copper</b>	<b>0.14</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:20	1
<b>Iron</b>	<b>150</b>		0.40	0.20	mg/L		06/01/22 19:39	06/02/22 17:20	1
<b>Lead</b>	<b>0.067</b>		0.0075	0.0075	mg/L		06/01/22 19:39	06/02/22 17:20	1
<b>Manganese</b>	<b>1.2</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:20	1
<b>Nickel</b>	<b>0.18</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:20	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/22 19:39	06/02/22 17:20	1

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# Client Sample Results

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

Job ID: 500-217166-1

Client Sample ID: ROW-114(4-9)-052422

Lab Sample ID: 500-217166-3

Date Collected: 05/24/22 23:45

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 82.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:20	1
Zinc	0.37	J	0.50	0.020	mg/L		06/01/22 19:39	06/02/22 17:20	1

## Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	10000		12	4.8	mg/Kg	*	06/03/22 08:43	06/03/22 19:50	1
Antimony	0.41	J	1.2	0.23	mg/Kg	*	06/03/22 08:43	06/03/22 19:50	1
Arsenic	7.5		0.58	0.20	mg/Kg	*	06/03/22 08:43	06/03/22 19:50	1
Barium	65		0.58	0.067	mg/Kg	*	06/03/22 08:43	06/03/22 19:50	1
Beryllium	0.78		0.23	0.055	mg/Kg	*	06/03/22 08:43	06/03/22 19:50	1
Cadmium	<0.12		0.12	0.021	mg/Kg	*	06/03/22 08:43	06/03/22 19:50	1
Calcium	44000		59	10	mg/Kg	*	06/07/22 09:33	06/08/22 11:08	5
Chromium	15		0.58	0.29	mg/Kg	*	06/03/22 08:43	06/03/22 19:50	1
Cobalt	12		0.29	0.077	mg/Kg	*	06/03/22 08:43	06/03/22 19:50	1
Copper	22		0.59	0.16	mg/Kg	*	06/07/22 09:33	06/07/22 19:02	1
Iron	19000	B	12	6.1	mg/Kg	*	06/03/22 08:43	06/03/22 19:50	1
Lead	14		0.29	0.14	mg/Kg	*	06/03/22 08:43	06/03/22 19:50	1
Magnesium	24000		5.8	2.9	mg/Kg	*	06/03/22 08:43	06/03/22 19:50	1
Manganese	440	B	0.58	0.085	mg/Kg	*	06/03/22 08:43	06/03/22 19:50	1
Nickel	32		0.58	0.17	mg/Kg	*	06/03/22 08:43	06/03/22 19:50	1
Potassium	1800	B	29	10	mg/Kg	*	06/03/22 08:43	06/03/22 19:50	1
Selenium	<0.58		0.58	0.34	mg/Kg	*	06/03/22 08:43	06/03/22 19:50	1
Silver	0.31		0.29	0.075	mg/Kg	*	06/03/22 08:43	06/03/22 19:50	1
Sodium	620	B	58	8.7	mg/Kg	*	06/03/22 08:43	06/03/22 19:50	1
Thallium	0.47	J	0.58	0.29	mg/Kg	*	06/03/22 08:43	06/03/22 19:50	1
Vanadium	20		0.29	0.069	mg/Kg	*	06/03/22 08:43	06/03/22 19:50	1
Zinc	56	B	1.2	0.51	mg/Kg	*	06/03/22 08:43	06/03/22 19:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/22 15:10	06/02/22 11:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/22 15:10	06/02/22 14:08	1

## Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.021		0.019	0.0063	mg/Kg	*	06/01/22 14:20	06/02/22 11:56	1

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.8		0.2	0.2	SU			05/31/22 17:45	1

















# Client Sample Results

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

Job ID: 500-217166-1

**Client Sample ID: ROW-117(4-9)-052422**

**Lab Sample ID: 500-217166-5**

Date Collected: 05/24/22 23:55

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 88.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:26	1
Zinc	0.37	J	0.50	0.020	mg/L		06/01/22 19:39	06/02/22 17:26	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4300		11	4.4	mg/Kg	☆	06/03/22 08:43	06/03/22 19:56	1
Antimony	0.43	J	1.1	0.21	mg/Kg	☆	06/03/22 08:43	06/03/22 19:56	1
Arsenic	8.8		0.54	0.18	mg/Kg	☆	06/03/22 08:43	06/03/22 19:56	1
Barium	32		1.1	0.13	mg/Kg	☆	06/07/22 09:33	06/07/22 21:21	2
Beryllium	0.44		0.21	0.050	mg/Kg	☆	06/03/22 08:43	06/03/22 19:56	1
Cadmium	<0.11		0.11	0.019	mg/Kg	☆	06/03/22 08:43	06/03/22 19:56	1
Calcium	100000		55	9.3	mg/Kg	☆	06/07/22 09:33	06/08/22 11:14	5
Chromium	9.2		0.54	0.27	mg/Kg	☆	06/03/22 08:43	06/03/22 19:56	1
Cobalt	9.9		0.27	0.070	mg/Kg	☆	06/03/22 08:43	06/03/22 19:56	1
Copper	25		0.55	0.15	mg/Kg	☆	06/07/22 09:33	06/07/22 19:09	1
Iron	26000		55	29	mg/Kg	☆	06/07/22 09:33	06/08/22 11:14	5
Lead	12		0.27	0.12	mg/Kg	☆	06/03/22 08:43	06/03/22 19:56	1
Magnesium	50000		11	5.4	mg/Kg	☆	06/07/22 09:33	06/07/22 21:21	2
Manganese	370	B	0.54	0.078	mg/Kg	☆	06/03/22 08:43	06/03/22 19:56	1
Nickel	21		0.54	0.16	mg/Kg	☆	06/03/22 08:43	06/03/22 19:56	1
Potassium	1000	B	27	9.5	mg/Kg	☆	06/03/22 08:43	06/03/22 19:56	1
Selenium	<0.54		0.54	0.32	mg/Kg	☆	06/03/22 08:43	06/03/22 19:56	1
Silver	0.11	J	0.27	0.069	mg/Kg	☆	06/03/22 08:43	06/03/22 19:56	1
Sodium	440	B	54	7.9	mg/Kg	☆	06/03/22 08:43	06/03/22 19:56	1
Thallium	0.35	J	0.54	0.27	mg/Kg	☆	06/03/22 08:43	06/03/22 19:56	1
Vanadium	11		0.27	0.063	mg/Kg	☆	06/03/22 08:43	06/03/22 19:56	1
Zinc	62	B	1.1	0.47	mg/Kg	☆	06/03/22 08:43	06/03/22 19:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/22 15:10	06/02/22 11:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/22 15:10	06/02/22 14:13	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.016	J	0.018	0.0060	mg/Kg	☆	06/01/22 14:20	06/02/22 12:03	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.9		0.2	0.2	SU			05/27/22 13:39	1







# Client Sample Results

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

Job ID: 500-217166-1

**Client Sample ID: ROW-118(0-4)-052522**

**Lab Sample ID: 500-217166-6**

Date Collected: 05/25/22 00:30

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 81.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:29	1
<b>Zinc</b>	<b>0.42</b>	<b>J</b>	0.50	0.020	mg/L		06/01/22 19:39	06/02/22 17:29	1

## Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>13000</b>		12	4.8	mg/Kg	☆	06/03/22 08:43	06/03/22 20:06	1
Antimony	<1.2		1.2	0.23	mg/Kg	☆	06/03/22 08:43	06/03/22 20:06	1
<b>Arsenic</b>	<b>6.0</b>		0.58	0.20	mg/Kg	☆	06/03/22 08:43	06/03/22 20:06	1
<b>Barium</b>	<b>82</b>		0.58	0.066	mg/Kg	☆	06/03/22 08:43	06/03/22 20:06	1
<b>Beryllium</b>	<b>0.81</b>		0.23	0.054	mg/Kg	☆	06/03/22 08:43	06/03/22 20:06	1
Cadmium	<0.12		0.12	0.021	mg/Kg	☆	06/03/22 08:43	06/03/22 20:06	1
<b>Calcium</b>	<b>3100</b>	<b>B</b>	12	2.0	mg/Kg	☆	06/03/22 08:43	06/03/22 20:06	1
<b>Chromium</b>	<b>16</b>		0.58	0.29	mg/Kg	☆	06/03/22 08:43	06/03/22 20:06	1
<b>Cobalt</b>	<b>12</b>		0.29	0.076	mg/Kg	☆	06/03/22 08:43	06/03/22 20:06	1
<b>Copper</b>	<b>16</b>		0.61	0.17	mg/Kg	☆	06/07/22 09:33	06/07/22 19:12	1
<b>Iron</b>	<b>18000</b>	<b>B</b>	12	6.1	mg/Kg	☆	06/03/22 08:43	06/03/22 20:06	1
<b>Lead</b>	<b>16</b>		0.29	0.13	mg/Kg	☆	06/03/22 08:43	06/03/22 20:06	1
<b>Magnesium</b>	<b>2900</b>		5.8	2.9	mg/Kg	☆	06/03/22 08:43	06/03/22 20:06	1
<b>Manganese</b>	<b>430</b>	<b>B</b>	0.58	0.084	mg/Kg	☆	06/03/22 08:43	06/03/22 20:06	1
<b>Nickel</b>	<b>20</b>		0.58	0.17	mg/Kg	☆	06/03/22 08:43	06/03/22 20:06	1
<b>Potassium</b>	<b>1000</b>	<b>B</b>	29	10	mg/Kg	☆	06/03/22 08:43	06/03/22 20:06	1
<b>Selenium</b>	<b>0.37</b>	<b>J</b>	0.58	0.34	mg/Kg	☆	06/03/22 08:43	06/03/22 20:06	1
<b>Silver</b>	<b>0.41</b>		0.29	0.075	mg/Kg	☆	06/03/22 08:43	06/03/22 20:06	1
<b>Sodium</b>	<b>1400</b>	<b>B</b>	58	8.6	mg/Kg	☆	06/03/22 08:43	06/03/22 20:06	1
<b>Thallium</b>	<b>0.70</b>		0.58	0.29	mg/Kg	☆	06/03/22 08:43	06/03/22 20:06	1
<b>Vanadium</b>	<b>27</b>		0.29	0.069	mg/Kg	☆	06/03/22 08:43	06/03/22 20:06	1
<b>Zinc</b>	<b>58</b>	<b>B</b>	1.2	0.51	mg/Kg	☆	06/03/22 08:43	06/03/22 20:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/22 15:10	06/02/22 11:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/22 15:10	06/02/22 14:15	1

## Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.032</b>		0.018	0.0059	mg/Kg	☆	06/01/22 14:20	06/02/22 12:05	1

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>7.5</b>		0.2	0.2	SU			06/01/22 15:05	1





# Client Sample Results

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

Job ID: 500-217166-1

**Client Sample ID: ROW-118(4-9)-052522**

**Lab Sample ID: 500-217166-7**

**Date Collected: 05/25/22 00:35**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 84.6**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.038		0.038	0.0098	mg/Kg	*	06/07/22 14:25	06/09/22 12:22	1
Isophorone	<0.19		0.19	0.042	mg/Kg	*	06/07/22 14:25	06/09/22 12:22	1
Naphthalene	<0.038		0.038	0.0058	mg/Kg	*	06/07/22 14:25	06/09/22 12:22	1
Nitrobenzene	<0.038		0.038	0.0094	mg/Kg	*	06/07/22 14:25	06/09/22 12:22	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.046	mg/Kg	*	06/07/22 14:25	06/09/22 12:22	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	*	06/07/22 14:25	06/09/22 12:22	1
Pentachlorophenol	<0.76		0.76	0.61	mg/Kg	*	06/07/22 14:25	06/09/22 12:22	1
Phenanthrene	<0.038		0.038	0.0053	mg/Kg	*	06/07/22 14:25	06/09/22 12:22	1
Phenol	<0.19		0.19	0.084	mg/Kg	*	06/07/22 14:25	06/09/22 12:22	1
<b>Pyrene</b>	<b>0.012</b>	<b>J</b>	0.038	0.0075	mg/Kg	*	06/07/22 14:25	06/09/22 12:22	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
2,4,6-Tribromophenol (Surr)	59		31 - 143				06/07/22 14:25	06/09/22 12:22	1
2-Fluorobiphenyl (Surr)	86		43 - 145				06/07/22 14:25	06/09/22 12:22	1
2-Fluorophenol (Surr)	88		31 - 166				06/07/22 14:25	06/09/22 12:22	1
Nitrobenzene-d5 (Surr)	98		37 - 147				06/07/22 14:25	06/09/22 12:22	1
Phenol-d5 (Surr)	84		30 - 153				06/07/22 14:25	06/09/22 12:22	1
Terphenyl-d14 (Surr)	95		42 - 157				06/07/22 14:25	06/09/22 12:22	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/01/22 19:36	06/02/22 14:57	1
<b>Barium</b>	<b>0.24</b>	<b>J</b>	0.50	0.050	mg/L		06/01/22 19:36	06/02/22 14:57	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/01/22 19:36	06/02/22 14:57	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/22 19:36	06/02/22 14:57	1
Chromium	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 14:57	1
Cobalt	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 14:57	1
Copper	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 14:57	1
Iron	<0.40		0.40	0.20	mg/L		06/01/22 19:36	06/02/22 14:57	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/01/22 19:36	06/02/22 14:57	1
<b>Manganese</b>	<b>1.3</b>		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 14:57	1
Nickel	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 14:57	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/22 19:36	06/02/22 14:57	1
Silver	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 14:57	1
Zinc	<0.50		0.50	0.020	mg/L		06/01/22 19:36	06/02/22 14:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.11</b>		0.050	0.010	mg/L		06/01/22 19:39	06/02/22 17:33	1
<b>Barium</b>	<b>0.39</b>	<b>J</b>	0.50	0.050	mg/L		06/01/22 19:39	06/02/22 17:33	1
<b>Beryllium</b>	<b>0.011</b>		0.0040	0.0040	mg/L		06/01/22 19:39	06/02/22 17:33	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/22 19:39	06/02/22 17:33	1
<b>Chromium</b>	<b>0.19</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:33	1
<b>Cobalt</b>	<b>0.059</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:33	1
<b>Copper</b>	<b>0.30</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:33	1
<b>Iron</b>	<b>240</b>		0.40	0.20	mg/L		06/01/22 19:39	06/02/22 17:33	1
<b>Lead</b>	<b>0.12</b>		0.0075	0.0075	mg/L		06/01/22 19:39	06/02/22 17:33	1
<b>Manganese</b>	<b>0.90</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:33	1
<b>Nickel</b>	<b>0.24</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:33	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/22 19:39	06/02/22 17:33	1

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# Client Sample Results

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

Job ID: 500-217166-1

**Client Sample ID: ROW-118(4-9)-052522**

**Lab Sample ID: 500-217166-7**

Date Collected: 05/25/22 00:35

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 84.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:33	1
<b>Zinc</b>	<b>0.60</b>		0.50	0.020	mg/L		06/01/22 19:39	06/02/22 17:33	1

### Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>8600</b>		11	4.5	mg/Kg	☆	06/03/22 08:43	06/03/22 20:09	1
<b>Antimony</b>	<b>0.34</b>	<b>J</b>	1.1	0.21	mg/Kg	☆	06/03/22 08:43	06/03/22 20:09	1
<b>Arsenic</b>	<b>6.7</b>		0.55	0.19	mg/Kg	☆	06/03/22 08:43	06/03/22 20:09	1
<b>Barium</b>	<b>28</b>		0.55	0.062	mg/Kg	☆	06/03/22 08:43	06/03/22 20:09	1
<b>Beryllium</b>	<b>0.68</b>		0.22	0.051	mg/Kg	☆	06/03/22 08:43	06/03/22 20:09	1
Cadmium	<0.11		0.11	0.020	mg/Kg	☆	06/03/22 08:43	06/03/22 20:09	1
<b>Calcium</b>	<b>69000</b>		57	9.6	mg/Kg	☆	06/07/22 09:33	06/08/22 11:18	5
<b>Chromium</b>	<b>21</b>		0.55	0.27	mg/Kg	☆	06/03/22 08:43	06/03/22 20:09	1
<b>Cobalt</b>	<b>13</b>		0.27	0.072	mg/Kg	☆	06/03/22 08:43	06/03/22 20:09	1
<b>Copper</b>	<b>23</b>		0.57	0.16	mg/Kg	☆	06/07/22 09:33	06/07/22 19:15	1
<b>Iron</b>	<b>18000</b>	<b>B</b>	11	5.7	mg/Kg	☆	06/03/22 08:43	06/03/22 20:09	1
<b>Lead</b>	<b>14</b>		0.27	0.13	mg/Kg	☆	06/03/22 08:43	06/03/22 20:09	1
<b>Magnesium</b>	<b>26000</b>		5.5	2.7	mg/Kg	☆	06/03/22 08:43	06/03/22 20:09	1
<b>Manganese</b>	<b>420</b>	<b>B</b>	0.55	0.079	mg/Kg	☆	06/03/22 08:43	06/03/22 20:09	1
<b>Nickel</b>	<b>29</b>		0.55	0.16	mg/Kg	☆	06/03/22 08:43	06/03/22 20:09	1
<b>Potassium</b>	<b>1900</b>	<b>B</b>	27	9.7	mg/Kg	☆	06/03/22 08:43	06/03/22 20:09	1
Selenium	<0.55		0.55	0.32	mg/Kg	☆	06/03/22 08:43	06/03/22 20:09	1
<b>Silver</b>	<b>0.20</b>	<b>J</b>	0.27	0.071	mg/Kg	☆	06/03/22 08:43	06/03/22 20:09	1
<b>Sodium</b>	<b>550</b>	<b>B</b>	55	8.1	mg/Kg	☆	06/03/22 08:43	06/03/22 20:09	1
<b>Thallium</b>	<b>0.45</b>	<b>J</b>	0.55	0.27	mg/Kg	☆	06/03/22 08:43	06/03/22 20:09	1
<b>Vanadium</b>	<b>17</b>		0.27	0.065	mg/Kg	☆	06/03/22 08:43	06/03/22 20:09	1
<b>Zinc</b>	<b>53</b>	<b>B</b>	1.1	0.48	mg/Kg	☆	06/03/22 08:43	06/03/22 20:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/22 15:10	06/02/22 11:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/22 15:10	06/02/22 14:17	1

### Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.015</b>	<b>J</b>	0.017	0.0057	mg/Kg	☆	06/01/22 14:20	06/02/22 12:07	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.5</b>		0.2	0.2	SU			06/01/22 15:08	1

# Client Sample Results

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

Job ID: 500-217166-1

**Client Sample ID: ROW-123(0-4)-052522**

**Lab Sample ID: 500-217166-8**

**Date Collected: 05/25/22 00:40**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 85.5**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.019		0.019	0.0081	mg/Kg	✳	05/26/22 17:29	06/01/22 16:47	1
Benzene	<0.0019		0.0019	0.00047	mg/Kg	✳	05/26/22 17:29	06/01/22 16:47	1
Bromodichloromethane	<0.0019		0.0019	0.00038	mg/Kg	✳	05/26/22 17:29	06/01/22 16:47	1
Bromoform	<0.0019		0.0019	0.00054	mg/Kg	✳	05/26/22 17:29	06/01/22 16:47	1
Bromomethane	<0.0046		0.0046	0.0018	mg/Kg	✳	05/26/22 17:29	06/01/22 16:47	1
Carbon disulfide	<0.0046		0.0046	0.00097	mg/Kg	✳	05/26/22 17:29	06/01/22 16:47	1
Carbon tetrachloride	<0.0019		0.0019	0.00054	mg/Kg	✳	05/26/22 17:29	06/01/22 16:47	1
Chlorobenzene	<0.0019		0.0019	0.00069	mg/Kg	✳	05/26/22 17:29	06/01/22 16:47	1
Chloroethane	<0.0046		0.0046	0.0014	mg/Kg	✳	05/26/22 17:29	06/01/22 16:47	1
Chloroform	<0.0019		0.0019	0.00065	mg/Kg	✳	05/26/22 17:29	06/01/22 16:47	1
Chloromethane	<0.0046		0.0046	0.0019	mg/Kg	✳	05/26/22 17:29	06/01/22 16:47	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00052	mg/Kg	✳	05/26/22 17:29	06/01/22 16:47	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00056	mg/Kg	✳	05/26/22 17:29	06/01/22 16:47	1
Dibromochloromethane	<0.0019		0.0019	0.00061	mg/Kg	✳	05/26/22 17:29	06/01/22 16:47	1
1,1-Dichloroethane	<0.0019		0.0019	0.00064	mg/Kg	✳	05/26/22 17:29	06/01/22 16:47	1
1,2-Dichloroethane	<0.0046		0.0046	0.0015	mg/Kg	✳	05/26/22 17:29	06/01/22 16:47	1
1,1-Dichloroethene	<0.0019		0.0019	0.00064	mg/Kg	✳	05/26/22 17:29	06/01/22 16:47	1
1,2-Dichloropropane	<0.0019		0.0019	0.00048	mg/Kg	✳	05/26/22 17:29	06/01/22 16:47	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00065	mg/Kg	✳	05/26/22 17:29	06/01/22 16:47	1
Ethylbenzene	<0.0019		0.0019	0.00089	mg/Kg	✳	05/26/22 17:29	06/01/22 16:47	1
2-Hexanone	<0.0046		0.0046	0.0015	mg/Kg	✳	05/26/22 17:29	06/01/22 16:47	1
Methylene Chloride	<0.0046		0.0046	0.0018	mg/Kg	✳	05/26/22 17:29	06/01/22 16:47	1
Methyl Ethyl Ketone	<0.0046		0.0046	0.0021	mg/Kg	✳	05/26/22 17:29	06/01/22 16:47	1
methyl isobutyl ketone	<0.0046		0.0046	0.0014	mg/Kg	✳	05/26/22 17:29	06/01/22 16:47	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00055	mg/Kg	✳	05/26/22 17:29	06/01/22 16:47	1
Styrene	<0.0019		0.0019	0.00056	mg/Kg	✳	05/26/22 17:29	06/01/22 16:47	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00059	mg/Kg	✳	05/26/22 17:29	06/01/22 16:47	1
Tetrachloroethene	<0.0019		0.0019	0.00063	mg/Kg	✳	05/26/22 17:29	06/01/22 16:47	1
Toluene	<0.0019		0.0019	0.00047	mg/Kg	✳	05/26/22 17:29	06/01/22 16:47	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00082	mg/Kg	✳	05/26/22 17:29	06/01/22 16:47	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00065	mg/Kg	✳	05/26/22 17:29	06/01/22 16:47	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00062	mg/Kg	✳	05/26/22 17:29	06/01/22 16:47	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00080	mg/Kg	✳	05/26/22 17:29	06/01/22 16:47	1
Trichloroethene	<0.0019		0.0019	0.00063	mg/Kg	✳	05/26/22 17:29	06/01/22 16:47	1
Vinyl chloride	<0.0019		0.0019	0.00082	mg/Kg	✳	05/26/22 17:29	06/01/22 16:47	1
Xylenes, Total	<0.0037		0.0037	0.00059	mg/Kg	✳	05/26/22 17:29	06/01/22 16:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		75 - 131	05/26/22 17:29	06/01/22 16:47	1
Dibromofluoromethane (Surr)	116		75 - 126	05/26/22 17:29	06/01/22 16:47	1
1,2-Dichloroethane-d4 (Surr)	115		70 - 134	05/26/22 17:29	06/01/22 16:47	1
Toluene-d8 (Surr)	110		75 - 124	05/26/22 17:29	06/01/22 16:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	✳	06/07/22 14:25	06/09/22 12:42	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	✳	06/07/22 14:25	06/09/22 12:42	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	✳	06/07/22 14:25	06/09/22 12:42	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	✳	06/07/22 14:25	06/09/22 12:42	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	✳	06/07/22 14:25	06/09/22 12:42	1

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# Client Sample Results

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

Job ID: 500-217166-1

**Client Sample ID: ROW-123(0-4)-052522**

**Lab Sample ID: 500-217166-8**

**Date Collected: 05/25/22 00:40**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 85.5**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.087	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
2,4-Dichlorophenol	<0.38		0.38	0.090	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
2,4-Dimethylphenol	<0.38		0.38	0.14	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
2,4-Dinitrophenol	<0.77		0.77	0.67	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
2,4-Dinitrotoluene	<0.19		0.19	0.060	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
2,6-Dinitrotoluene	<0.19		0.19	0.075	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
2-Chlorophenol	<0.19		0.19	0.065	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
2-Methylnaphthalene	<0.077		0.077	0.0070	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
2-Methylphenol	<0.19		0.19	0.061	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
2-Nitrophenol	<0.38		0.38	0.090	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
3 & 4 Methylphenol	<0.19		0.19	0.063	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.053	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
4,6-Dinitro-2-methylphenol	<0.77		0.77	0.31	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
4-Chloroaniline	<0.77		0.77	0.18	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
4-Nitrophenol	<0.77		0.77	0.36	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
Acenaphthene	<0.038		0.038	0.0068	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
Acenaphthylene	<0.038		0.038	0.0050	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
Anthracene	<0.038		0.038	0.0064	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
Benzo[a]anthracene	<0.038		0.038	0.0051	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
Benzo[a]pyrene	<0.038		0.038	0.0074	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
<b>Benzo[b]fluoranthene</b>	<b>0.0084</b>	<b>J</b>	0.038	0.0082	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
Benzo[g,h,i]perylene	<0.038		0.038	0.012	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
Benzo[k]fluoranthene	<0.038		0.038	0.011	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.057	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.069	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
Butyl benzyl phthalate	<0.19		0.19	0.072	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
Carbazole	<0.19		0.19	0.095	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
Chrysene	<0.038		0.038	0.010	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
Dibenz(a,h)anthracene	<0.038		0.038	0.0073	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
Diethyl phthalate	<0.19		0.19	0.064	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
Di-n-butyl phthalate	<0.19		0.19	0.058	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
Di-n-octyl phthalate	<0.19		0.19	0.062	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
Fluoranthene	<0.038		0.038	0.0071	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
Fluorene	<0.038		0.038	0.0053	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
Hexachlorobenzene	<0.077		0.077	0.0088	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
Hexachlorobutadiene	<0.19		0.19	0.060	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
Hexachlorocyclopentadiene	<0.77		0.77	0.22	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
Hexachloroethane	<0.19		0.19	0.058	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1

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# Client Sample Results

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

Job ID: 500-217166-1

**Client Sample ID: ROW-123(0-4)-052522**

**Lab Sample ID: 500-217166-8**

**Date Collected: 05/25/22 00:40**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 85.5**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.038		0.038	0.0099	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
Naphthalene	<0.038		0.038	0.0058	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
Nitrobenzene	<0.038		0.038	0.0095	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
N-Nitrosodi-n-propylamine	<0.077		0.077	0.046	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
Pentachlorophenol	<0.77		0.77	0.61	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
Phenanthrene	<0.038		0.038	0.0053	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
Phenol	<0.19		0.19	0.084	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1
Pyrene	<0.038		0.038	0.0076	mg/Kg	☼	06/07/22 14:25	06/09/22 12:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	63		31 - 143	06/07/22 14:25	06/09/22 12:42	1
2-Fluorobiphenyl (Surr)	83		43 - 145	06/07/22 14:25	06/09/22 12:42	1
2-Fluorophenol (Surr)	85		31 - 166	06/07/22 14:25	06/09/22 12:42	1
Nitrobenzene-d5 (Surr)	93		37 - 147	06/07/22 14:25	06/09/22 12:42	1
Phenol-d5 (Surr)	83		30 - 153	06/07/22 14:25	06/09/22 12:42	1
Terphenyl-d14 (Surr)	90		42 - 157	06/07/22 14:25	06/09/22 12:42	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/01/22 19:36	06/02/22 15:10	1
<b>Barium</b>	<b>0.40</b>	<b>J</b>	0.50	0.050	mg/L		06/01/22 19:36	06/02/22 15:10	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/01/22 19:36	06/02/22 15:10	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/22 19:36	06/02/22 15:10	1
Chromium	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:10	1
Cobalt	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:10	1
Copper	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:10	1
Iron	<0.40		0.40	0.20	mg/L		06/01/22 19:36	06/02/22 15:10	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/01/22 19:36	06/02/22 15:10	1
<b>Manganese</b>	<b>0.48</b>		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:10	1
Nickel	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:10	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/22 19:36	06/02/22 15:10	1
Silver	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:10	1
Zinc	<0.50		0.50	0.020	mg/L		06/01/22 19:36	06/02/22 15:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.13</b>		0.050	0.010	mg/L		06/01/22 19:39	06/02/22 17:36	1
<b>Barium</b>	<b>0.50</b>		0.50	0.050	mg/L		06/01/22 19:39	06/02/22 17:36	1
<b>Beryllium</b>	<b>0.011</b>		0.0040	0.0040	mg/L		06/01/22 19:39	06/02/22 17:36	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/22 19:39	06/02/22 17:36	1
<b>Chromium</b>	<b>0.20</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:36	1
<b>Cobalt</b>	<b>0.089</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:36	1
<b>Copper</b>	<b>0.27</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:36	1
<b>Iron</b>	<b>250</b>		0.40	0.20	mg/L		06/01/22 19:39	06/02/22 17:36	1
<b>Lead</b>	<b>0.10</b>		0.0075	0.0075	mg/L		06/01/22 19:39	06/02/22 17:36	1
<b>Manganese</b>	<b>0.93</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:36	1
<b>Nickel</b>	<b>0.28</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:36	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/22 19:39	06/02/22 17:36	1

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# Client Sample Results

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

Job ID: 500-217166-1

**Client Sample ID: ROW-123(0-4)-052522**

**Lab Sample ID: 500-217166-8**

Date Collected: 05/25/22 00:40

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 85.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:36	1
<b>Zinc</b>	<b>0.62</b>		0.50	0.020	mg/L		06/01/22 19:39	06/02/22 17:36	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>9900</b>		12	4.7	mg/Kg	☆	06/03/22 08:43	06/03/22 20:13	1
<b>Antimony</b>	<b>0.39</b>	<b>J</b>	1.2	0.23	mg/Kg	☆	06/03/22 08:43	06/03/22 20:13	1
<b>Arsenic</b>	<b>8.2</b>		0.58	0.20	mg/Kg	☆	06/03/22 08:43	06/03/22 20:13	1
<b>Barium</b>	<b>35</b>		0.58	0.066	mg/Kg	☆	06/03/22 08:43	06/03/22 20:13	1
<b>Beryllium</b>	<b>0.79</b>		0.23	0.054	mg/Kg	☆	06/03/22 08:43	06/03/22 20:13	1
Cadmium	<0.12		0.12	0.021	mg/Kg	☆	06/03/22 08:43	06/03/22 20:13	1
<b>Calcium</b>	<b>65000</b>		56	9.5	mg/Kg	☆	06/07/22 09:33	06/08/22 11:21	5
<b>Chromium</b>	<b>15</b>		0.58	0.29	mg/Kg	☆	06/03/22 08:43	06/03/22 20:13	1
<b>Cobalt</b>	<b>12</b>		0.29	0.076	mg/Kg	☆	06/03/22 08:43	06/03/22 20:13	1
<b>Copper</b>	<b>23</b>		0.56	0.16	mg/Kg	☆	06/07/22 09:33	06/07/22 19:19	1
<b>Iron</b>	<b>20000</b>	<b>B</b>	12	6.0	mg/Kg	☆	06/03/22 08:43	06/03/22 20:13	1
<b>Lead</b>	<b>14</b>		0.29	0.13	mg/Kg	☆	06/03/22 08:43	06/03/22 20:13	1
<b>Magnesium</b>	<b>26000</b>		5.8	2.9	mg/Kg	☆	06/03/22 08:43	06/03/22 20:13	1
<b>Manganese</b>	<b>370</b>	<b>B</b>	0.58	0.084	mg/Kg	☆	06/03/22 08:43	06/03/22 20:13	1
<b>Nickel</b>	<b>31</b>		0.58	0.17	mg/Kg	☆	06/03/22 08:43	06/03/22 20:13	1
<b>Potassium</b>	<b>2100</b>	<b>B</b>	29	10	mg/Kg	☆	06/03/22 08:43	06/03/22 20:13	1
Selenium	<0.58		0.58	0.34	mg/Kg	☆	06/03/22 08:43	06/03/22 20:13	1
<b>Silver</b>	<b>0.21</b>	<b>J</b>	0.29	0.075	mg/Kg	☆	06/03/22 08:43	06/03/22 20:13	1
<b>Sodium</b>	<b>1000</b>	<b>B</b>	58	8.6	mg/Kg	☆	06/03/22 08:43	06/03/22 20:13	1
<b>Thallium</b>	<b>0.59</b>		0.58	0.29	mg/Kg	☆	06/03/22 08:43	06/03/22 20:13	1
<b>Vanadium</b>	<b>18</b>		0.29	0.069	mg/Kg	☆	06/03/22 08:43	06/03/22 20:13	1
<b>Zinc</b>	<b>59</b>	<b>B</b>	1.2	0.51	mg/Kg	☆	06/03/22 08:43	06/03/22 20:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/22 15:10	06/02/22 11:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/22 15:10	06/02/22 14:19	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.012</b>	<b>J</b>	0.018	0.0061	mg/Kg	☆	06/01/22 14:20	06/02/22 12:09	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.4</b>		0.2	0.2	SU			06/01/22 15:10	1

# Client Sample Results

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

Job ID: 500-217166-1

**Client Sample ID: ROW-123(4-9)-052522**

**Lab Sample ID: 500-217166-9**

**Date Collected: 05/25/22 00:45**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 84.9**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.019		0.019	0.0083	mg/Kg	✳	05/26/22 17:29	06/01/22 17:12	1
Benzene	<0.0019		0.0019	0.00049	mg/Kg	✳	05/26/22 17:29	06/01/22 17:12	1
Bromodichloromethane	<0.0019		0.0019	0.00039	mg/Kg	✳	05/26/22 17:29	06/01/22 17:12	1
Bromoform	<0.0019		0.0019	0.00056	mg/Kg	✳	05/26/22 17:29	06/01/22 17:12	1
Bromomethane	<0.0048		0.0048	0.0018	mg/Kg	✳	05/26/22 17:29	06/01/22 17:12	1
Carbon disulfide	<0.0048		0.0048	0.00099	mg/Kg	✳	05/26/22 17:29	06/01/22 17:12	1
Carbon tetrachloride	<0.0019		0.0019	0.00055	mg/Kg	✳	05/26/22 17:29	06/01/22 17:12	1
Chlorobenzene	<0.0019		0.0019	0.00070	mg/Kg	✳	05/26/22 17:29	06/01/22 17:12	1
Chloroethane	<0.0048		0.0048	0.0014	mg/Kg	✳	05/26/22 17:29	06/01/22 17:12	1
Chloroform	<0.0019		0.0019	0.00066	mg/Kg	✳	05/26/22 17:29	06/01/22 17:12	1
Chloromethane	<0.0048		0.0048	0.0019	mg/Kg	✳	05/26/22 17:29	06/01/22 17:12	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00053	mg/Kg	✳	05/26/22 17:29	06/01/22 17:12	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00057	mg/Kg	✳	05/26/22 17:29	06/01/22 17:12	1
Dibromochloromethane	<0.0019		0.0019	0.00062	mg/Kg	✳	05/26/22 17:29	06/01/22 17:12	1
1,1-Dichloroethane	<0.0019		0.0019	0.00065	mg/Kg	✳	05/26/22 17:29	06/01/22 17:12	1
1,2-Dichloroethane	<0.0048		0.0048	0.0015	mg/Kg	✳	05/26/22 17:29	06/01/22 17:12	1
1,1-Dichloroethene	<0.0019		0.0019	0.00066	mg/Kg	✳	05/26/22 17:29	06/01/22 17:12	1
1,2-Dichloropropane	<0.0019		0.0019	0.00049	mg/Kg	✳	05/26/22 17:29	06/01/22 17:12	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00067	mg/Kg	✳	05/26/22 17:29	06/01/22 17:12	1
Ethylbenzene	<0.0019		0.0019	0.00091	mg/Kg	✳	05/26/22 17:29	06/01/22 17:12	1
2-Hexanone	<0.0048		0.0048	0.0015	mg/Kg	✳	05/26/22 17:29	06/01/22 17:12	1
Methylene Chloride	<0.0048		0.0048	0.0019	mg/Kg	✳	05/26/22 17:29	06/01/22 17:12	1
Methyl Ethyl Ketone	<0.0048		0.0048	0.0021	mg/Kg	✳	05/26/22 17:29	06/01/22 17:12	1
methyl isobutyl ketone	<0.0048		0.0048	0.0014	mg/Kg	✳	05/26/22 17:29	06/01/22 17:12	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00056	mg/Kg	✳	05/26/22 17:29	06/01/22 17:12	1
Styrene	<0.0019		0.0019	0.00058	mg/Kg	✳	05/26/22 17:29	06/01/22 17:12	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00061	mg/Kg	✳	05/26/22 17:29	06/01/22 17:12	1
Tetrachloroethene	<0.0019		0.0019	0.00065	mg/Kg	✳	05/26/22 17:29	06/01/22 17:12	1
Toluene	<0.0019		0.0019	0.00048	mg/Kg	✳	05/26/22 17:29	06/01/22 17:12	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00084	mg/Kg	✳	05/26/22 17:29	06/01/22 17:12	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00067	mg/Kg	✳	05/26/22 17:29	06/01/22 17:12	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00064	mg/Kg	✳	05/26/22 17:29	06/01/22 17:12	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00082	mg/Kg	✳	05/26/22 17:29	06/01/22 17:12	1
Trichloroethene	<0.0019		0.0019	0.00064	mg/Kg	✳	05/26/22 17:29	06/01/22 17:12	1
Vinyl chloride	<0.0019		0.0019	0.00084	mg/Kg	✳	05/26/22 17:29	06/01/22 17:12	1
Xylenes, Total	<0.0038		0.0038	0.00061	mg/Kg	✳	05/26/22 17:29	06/01/22 17:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		75 - 131	05/26/22 17:29	06/01/22 17:12	1
Dibromofluoromethane (Surr)	115		75 - 126	05/26/22 17:29	06/01/22 17:12	1
1,2-Dichloroethane-d4 (Surr)	118		70 - 134	05/26/22 17:29	06/01/22 17:12	1
Toluene-d8 (Surr)	110		75 - 124	05/26/22 17:29	06/01/22 17:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.042	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.045	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1

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# Client Sample Results

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

Job ID: 500-217166-1

**Client Sample ID: ROW-123(4-9)-052522**

**Lab Sample ID: 500-217166-9**

**Date Collected: 05/25/22 00:45**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 84.9**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.088	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
2,4-Dichlorophenol	<0.38		0.38	0.092	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
2,4-Dimethylphenol	<0.38		0.38	0.15	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
2,4-Dinitrophenol	<0.78		0.78	0.68	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
2,4-Dinitrotoluene	<0.19		0.19	0.061	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
2,6-Dinitrotoluene	<0.19		0.19	0.076	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
2-Chloronaphthalene	<0.19		0.19	0.043	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
2-Chlorophenol	<0.19		0.19	0.066	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
2-Methylnaphthalene	<0.078		0.078	0.0071	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
2-Methylphenol	<0.19		0.19	0.062	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
2-Nitroaniline	<0.19		0.19	0.052	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
2-Nitrophenol	<0.38		0.38	0.091	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
3 & 4 Methylphenol	<0.19		0.19	0.064	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.054	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
4,6-Dinitro-2-methylphenol	<0.78		0.78	0.31	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.051	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
4-Chloroaniline	<0.78		0.78	0.18	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
4-Nitrophenol	<0.78		0.78	0.37	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
Acenaphthene	<0.038		0.038	0.0069	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
Acenaphthylene	<0.038		0.038	0.0051	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
Anthracene	<0.038		0.038	0.0064	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
<b>Benzo[a]anthracene</b>	<b>0.020</b>	<b>J</b>	0.038	0.0052	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
<b>Benzo[a]pyrene</b>	<b>0.032</b>	<b>J</b>	0.038	0.0075	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
<b>Benzo[b]fluoranthene</b>	<b>0.057</b>		0.038	0.0083	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
<b>Benzo[g,h,i]perylene</b>	<b>0.018</b>	<b>J</b>	0.038	0.012	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
<b>Benzo[k]fluoranthene</b>	<b>0.012</b>	<b>J</b>	0.038	0.011	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.058	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.070	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
Butyl benzyl phthalate	<0.19		0.19	0.073	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
Carbazole	<0.19		0.19	0.096	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
<b>Chrysene</b>	<b>0.039</b>		0.038	0.011	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
Dibenz(a,h)anthracene	<0.038		0.038	0.0075	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
Diethyl phthalate	<0.19		0.19	0.065	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
Di-n-butyl phthalate	<0.19		0.19	0.059	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
Di-n-octyl phthalate	<0.19		0.19	0.063	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
<b>Fluoranthene</b>	<b>0.066</b>		0.038	0.0072	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
Fluorene	<0.038		0.038	0.0054	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
Hexachlorobenzene	<0.078		0.078	0.0089	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
Hexachlorobutadiene	<0.19		0.19	0.061	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
Hexachlorocyclopentadiene	<0.78		0.78	0.22	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1
Hexachloroethane	<0.19		0.19	0.059	mg/Kg	✳	06/07/22 14:25	06/09/22 13:02	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217166-1

**Client Sample ID: ROW-123(4-9)-052522**

**Lab Sample ID: 500-217166-9**

**Date Collected: 05/25/22 00:45**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 84.9**

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.013</b>	<b>J</b>	0.038	0.010	mg/Kg	☼	06/07/22 14:25	06/09/22 13:02	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	06/07/22 14:25	06/09/22 13:02	1
Naphthalene	<0.038		0.038	0.0059	mg/Kg	☼	06/07/22 14:25	06/09/22 13:02	1
Nitrobenzene	<0.038		0.038	0.0096	mg/Kg	☼	06/07/22 14:25	06/09/22 13:02	1
N-Nitrosodi-n-propylamine	<0.078		0.078	0.047	mg/Kg	☼	06/07/22 14:25	06/09/22 13:02	1
N-Nitrosodiphenylamine	<0.19		0.19	0.046	mg/Kg	☼	06/07/22 14:25	06/09/22 13:02	1
Pentachlorophenol	<0.78		0.78	0.62	mg/Kg	☼	06/07/22 14:25	06/09/22 13:02	1
<b>Phenanthrene</b>	<b>0.055</b>		0.038	0.0054	mg/Kg	☼	06/07/22 14:25	06/09/22 13:02	1
Phenol	<0.19		0.19	0.086	mg/Kg	☼	06/07/22 14:25	06/09/22 13:02	1
<b>Pyrene</b>	<b>0.055</b>		0.038	0.0077	mg/Kg	☼	06/07/22 14:25	06/09/22 13:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	59		31 - 143				06/07/22 14:25	06/09/22 13:02	1
2-Fluorobiphenyl (Surr)	86		43 - 145				06/07/22 14:25	06/09/22 13:02	1
2-Fluorophenol (Surr)	90		31 - 166				06/07/22 14:25	06/09/22 13:02	1
Nitrobenzene-d5 (Surr)	94		37 - 147				06/07/22 14:25	06/09/22 13:02	1
Phenol-d5 (Surr)	81		30 - 153				06/07/22 14:25	06/09/22 13:02	1
Terphenyl-d14 (Surr)	90		42 - 157				06/07/22 14:25	06/09/22 13:02	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/01/22 19:36	06/02/22 15:13	1
<b>Barium</b>	<b>0.33</b>	<b>J</b>	0.50	0.050	mg/L		06/01/22 19:36	06/02/22 15:13	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/01/22 19:36	06/02/22 15:13	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/22 19:36	06/02/22 15:13	1
Chromium	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:13	1
Cobalt	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:13	1
Copper	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:13	1
Iron	<0.40		0.40	0.20	mg/L		06/01/22 19:36	06/02/22 15:13	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/01/22 19:36	06/02/22 15:13	1
<b>Manganese</b>	<b>1.3</b>		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:13	1
Nickel	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:13	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/22 19:36	06/02/22 15:13	1
Silver	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:13	1
Zinc	<0.50		0.50	0.020	mg/L		06/01/22 19:36	06/02/22 15:13	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.12</b>		0.050	0.010	mg/L		06/01/22 19:39	06/02/22 17:45	1
<b>Barium</b>	<b>0.42</b>	<b>J</b>	0.50	0.050	mg/L		06/01/22 19:39	06/02/22 17:45	1
<b>Beryllium</b>	<b>0.011</b>		0.0040	0.0040	mg/L		06/01/22 19:39	06/02/22 17:45	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/22 19:39	06/02/22 17:45	1
<b>Chromium</b>	<b>0.20</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:45	1
<b>Cobalt</b>	<b>0.069</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:45	1
<b>Copper</b>	<b>0.27</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:45	1
<b>Iron</b>	<b>240</b>		0.40	0.20	mg/L		06/01/22 19:39	06/02/22 17:45	1
<b>Lead</b>	<b>0.13</b>		0.0075	0.0075	mg/L		06/01/22 19:39	06/02/22 17:45	1
<b>Manganese</b>	<b>0.87</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:45	1
<b>Nickel</b>	<b>0.26</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:45	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/22 19:39	06/02/22 17:45	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217166-1

**Client Sample ID: ROW-123(4-9)-052522**

**Lab Sample ID: 500-217166-9**

Date Collected: 05/25/22 00:45

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 84.9

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:45	1
<b>Zinc</b>	<b>0.68</b>		0.50	0.020	mg/L		06/01/22 19:39	06/02/22 17:45	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>9000</b>		11	4.5	mg/Kg	☆	06/03/22 08:43	06/03/22 20:16	1
<b>Antimony</b>	<b>0.27</b>	<b>J</b>	1.1	0.22	mg/Kg	☆	06/03/22 08:43	06/03/22 20:16	1
<b>Arsenic</b>	<b>7.4</b>		0.56	0.19	mg/Kg	☆	06/03/22 08:43	06/03/22 20:16	1
<b>Barium</b>	<b>37</b>		0.56	0.063	mg/Kg	☆	06/03/22 08:43	06/03/22 20:16	1
<b>Beryllium</b>	<b>0.70</b>		0.22	0.052	mg/Kg	☆	06/03/22 08:43	06/03/22 20:16	1
Cadmium	<0.11		0.11	0.020	mg/Kg	☆	06/03/22 08:43	06/03/22 20:16	1
<b>Calcium</b>	<b>66000</b>		55	9.3	mg/Kg	☆	06/07/22 09:33	06/08/22 11:24	5
<b>Chromium</b>	<b>14</b>		0.56	0.27	mg/Kg	☆	06/03/22 08:43	06/03/22 20:16	1
<b>Cobalt</b>	<b>18</b>		0.28	0.073	mg/Kg	☆	06/03/22 08:43	06/03/22 20:16	1
<b>Copper</b>	<b>22</b>		0.55	0.15	mg/Kg	☆	06/07/22 09:33	06/07/22 19:22	1
<b>Iron</b>	<b>18000</b>	<b>B</b>	11	5.8	mg/Kg	☆	06/03/22 08:43	06/03/22 20:16	1
<b>Lead</b>	<b>13</b>		0.28	0.13	mg/Kg	☆	06/03/22 08:43	06/03/22 20:16	1
<b>Magnesium</b>	<b>27000</b>		5.6	2.8	mg/Kg	☆	06/03/22 08:43	06/03/22 20:16	1
<b>Manganese</b>	<b>430</b>	<b>B</b>	0.56	0.081	mg/Kg	☆	06/03/22 08:43	06/03/22 20:16	1
<b>Nickel</b>	<b>32</b>		0.56	0.16	mg/Kg	☆	06/03/22 08:43	06/03/22 20:16	1
<b>Potassium</b>	<b>2000</b>	<b>B</b>	28	9.8	mg/Kg	☆	06/03/22 08:43	06/03/22 20:16	1
Selenium	<0.56		0.56	0.33	mg/Kg	☆	06/03/22 08:43	06/03/22 20:16	1
<b>Silver</b>	<b>0.23</b>	<b>J</b>	0.28	0.072	mg/Kg	☆	06/03/22 08:43	06/03/22 20:16	1
<b>Sodium</b>	<b>550</b>	<b>B</b>	56	8.2	mg/Kg	☆	06/03/22 08:43	06/03/22 20:16	1
<b>Thallium</b>	<b>0.54</b>	<b>J</b>	0.56	0.28	mg/Kg	☆	06/03/22 08:43	06/03/22 20:16	1
<b>Vanadium</b>	<b>16</b>		0.28	0.066	mg/Kg	☆	06/03/22 08:43	06/03/22 20:16	1
<b>Zinc</b>	<b>58</b>	<b>B</b>	1.1	0.49	mg/Kg	☆	06/03/22 08:43	06/03/22 20:16	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/22 15:10	06/02/22 11:42	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/22 15:10	06/02/22 14:25	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.016</b>	<b>J F1</b>	0.019	0.0063	mg/Kg	☆	06/01/22 14:20	06/02/22 12:11	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.2</b>		0.2	0.2	SU			06/01/22 15:13	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217166-1

**Client Sample ID: ROW-126(0-4)-052522**

**Lab Sample ID: 500-217166-10**

**Date Collected: 05/25/22 00:50**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 83.9**

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0071	mg/Kg	✳	05/26/22 17:29	06/01/22 17:36	1
Benzene	<0.0016		0.0016	0.00041	mg/Kg	✳	05/26/22 17:29	06/01/22 17:36	1
Bromodichloromethane	<0.0016		0.0016	0.00033	mg/Kg	✳	05/26/22 17:29	06/01/22 17:36	1
Bromoform	<0.0016		0.0016	0.00047	mg/Kg	✳	05/26/22 17:29	06/01/22 17:36	1
Bromomethane	<0.0041		0.0041	0.0015	mg/Kg	✳	05/26/22 17:29	06/01/22 17:36	1
Carbon disulfide	<0.0041		0.0041	0.00084	mg/Kg	✳	05/26/22 17:29	06/01/22 17:36	1
Carbon tetrachloride	<0.0016		0.0016	0.00047	mg/Kg	✳	05/26/22 17:29	06/01/22 17:36	1
Chlorobenzene	<0.0016		0.0016	0.00060	mg/Kg	✳	05/26/22 17:29	06/01/22 17:36	1
Chloroethane	<0.0041		0.0041	0.0012	mg/Kg	✳	05/26/22 17:29	06/01/22 17:36	1
Chloroform	<0.0016		0.0016	0.00056	mg/Kg	✳	05/26/22 17:29	06/01/22 17:36	1
Chloromethane	<0.0041		0.0041	0.0016	mg/Kg	✳	05/26/22 17:29	06/01/22 17:36	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00045	mg/Kg	✳	05/26/22 17:29	06/01/22 17:36	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00049	mg/Kg	✳	05/26/22 17:29	06/01/22 17:36	1
Dibromochloromethane	<0.0016		0.0016	0.00053	mg/Kg	✳	05/26/22 17:29	06/01/22 17:36	1
1,1-Dichloroethane	<0.0016		0.0016	0.00056	mg/Kg	✳	05/26/22 17:29	06/01/22 17:36	1
1,2-Dichloroethane	<0.0041		0.0041	0.0013	mg/Kg	✳	05/26/22 17:29	06/01/22 17:36	1
1,1-Dichloroethene	<0.0016		0.0016	0.00056	mg/Kg	✳	05/26/22 17:29	06/01/22 17:36	1
1,2-Dichloropropane	<0.0016		0.0016	0.00042	mg/Kg	✳	05/26/22 17:29	06/01/22 17:36	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00057	mg/Kg	✳	05/26/22 17:29	06/01/22 17:36	1
Ethylbenzene	<0.0016		0.0016	0.00078	mg/Kg	✳	05/26/22 17:29	06/01/22 17:36	1
2-Hexanone	<0.0041		0.0041	0.0013	mg/Kg	✳	05/26/22 17:29	06/01/22 17:36	1
Methylene Chloride	<0.0041		0.0041	0.0016	mg/Kg	✳	05/26/22 17:29	06/01/22 17:36	1
Methyl Ethyl Ketone	<0.0041		0.0041	0.0018	mg/Kg	✳	05/26/22 17:29	06/01/22 17:36	1
methyl isobutyl ketone	<0.0041		0.0041	0.0012	mg/Kg	✳	05/26/22 17:29	06/01/22 17:36	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00048	mg/Kg	✳	05/26/22 17:29	06/01/22 17:36	1
Styrene	<0.0016		0.0016	0.00049	mg/Kg	✳	05/26/22 17:29	06/01/22 17:36	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00052	mg/Kg	✳	05/26/22 17:29	06/01/22 17:36	1
Tetrachloroethene	<0.0016		0.0016	0.00055	mg/Kg	✳	05/26/22 17:29	06/01/22 17:36	1
Toluene	<0.0016		0.0016	0.00041	mg/Kg	✳	05/26/22 17:29	06/01/22 17:36	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00072	mg/Kg	✳	05/26/22 17:29	06/01/22 17:36	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00057	mg/Kg	✳	05/26/22 17:29	06/01/22 17:36	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00055	mg/Kg	✳	05/26/22 17:29	06/01/22 17:36	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00070	mg/Kg	✳	05/26/22 17:29	06/01/22 17:36	1
Trichloroethene	<0.0016		0.0016	0.00055	mg/Kg	✳	05/26/22 17:29	06/01/22 17:36	1
Vinyl chloride	<0.0016		0.0016	0.00072	mg/Kg	✳	05/26/22 17:29	06/01/22 17:36	1
Xylenes, Total	<0.0032		0.0032	0.00052	mg/Kg	✳	05/26/22 17:29	06/01/22 17:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		75 - 131	05/26/22 17:29	06/01/22 17:36	1
Dibromofluoromethane (Surr)	114		75 - 126	05/26/22 17:29	06/01/22 17:36	1
1,2-Dichloroethane-d4 (Surr)	115		70 - 134	05/26/22 17:29	06/01/22 17:36	1
Toluene-d8 (Surr)	114		75 - 124	05/26/22 17:29	06/01/22 17:36	1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.042	mg/Kg	✳	06/07/22 14:25	06/09/22 13:23	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	✳	06/07/22 14:25	06/09/22 13:23	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	✳	06/07/22 14:25	06/09/22 13:23	1
1,4-Dichlorobenzene	<0.20		0.20	0.050	mg/Kg	✳	06/07/22 14:25	06/09/22 13:23	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	✳	06/07/22 14:25	06/09/22 13:23	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217166-1

**Client Sample ID: ROW-126(0-4)-052522**

**Lab Sample ID: 500-217166-10**

**Date Collected: 05/25/22 00:50**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 83.9**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.090	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
2,4,6-Trichlorophenol	<0.39		0.39	0.13	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
2,4-Dichlorophenol	<0.39		0.39	0.093	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
2,4-Dinitrophenol	<0.79		0.79	0.69	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
2,4-Dinitrotoluene	<0.20		0.20	0.062	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
2,6-Dinitrotoluene	<0.20		0.20	0.077	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
2-Chloronaphthalene	<0.20		0.20	0.043	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
2-Chlorophenol	<0.20		0.20	0.067	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
2-Methylnaphthalene	<0.079		0.079	0.0072	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
2-Nitrophenol	<0.39		0.39	0.093	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
3 & 4 Methylphenol	<0.20		0.20	0.065	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.32	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
4-Chloroaniline	<0.79		0.79	0.18	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
4-Nitroaniline	<0.39		0.39	0.16	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
4-Nitrophenol	<0.79		0.79	0.37	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
Acenaphthene	<0.039		0.039	0.0071	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
Anthracene	<0.039		0.039	0.0066	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
Benzo[a]anthracene	<0.039		0.039	0.0053	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
Benzo[a]pyrene	<0.039		0.039	0.0076	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
<b>Benzo[b]fluoranthene</b>	<b>0.010</b>	<b>J</b>	0.039	0.0085	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
Benzo[g,h,i]perylene	<0.039		0.039	0.013	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
Benzo[k]fluoranthene	<0.039		0.039	0.012	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
Butyl benzyl phthalate	<0.20		0.20	0.075	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
Carbazole	<0.20		0.20	0.098	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
Chrysene	<0.039		0.039	0.011	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
Dibenz(a,h)anthracene	<0.039		0.039	0.0076	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
Diethyl phthalate	<0.20		0.20	0.067	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
Dimethyl phthalate	<0.20		0.20	0.051	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
Fluoranthene	<0.039		0.039	0.0073	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
Fluorene	<0.039		0.039	0.0055	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
Hexachlorobenzene	<0.079		0.079	0.0091	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
Hexachlorocyclopentadiene	<0.79		0.79	0.23	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
Hexachloroethane	<0.20		0.20	0.060	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217166-1

**Client Sample ID: ROW-126(0-4)-052522**

**Lab Sample ID: 500-217166-10**

**Date Collected: 05/25/22 00:50**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 83.9**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.039		0.039	0.010	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
Naphthalene	<0.039		0.039	0.0060	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
Nitrobenzene	<0.039		0.039	0.0098	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.048	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
N-Nitrosodiphenylamine	<0.20		0.20	0.046	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
Pentachlorophenol	<0.79		0.79	0.63	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
Phenanthrene	<0.039		0.039	0.0055	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
Phenol	<0.20		0.20	0.087	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1
<b>Pyrene</b>	<b>0.012</b>	<b>J</b>	0.039	0.0078	mg/Kg	☼	06/07/22 14:25	06/09/22 13:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	62		31 - 143	06/07/22 14:25	06/09/22 13:23	1
2-Fluorobiphenyl (Surr)	81		43 - 145	06/07/22 14:25	06/09/22 13:23	1
2-Fluorophenol (Surr)	93		31 - 166	06/07/22 14:25	06/09/22 13:23	1
Nitrobenzene-d5 (Surr)	91		37 - 147	06/07/22 14:25	06/09/22 13:23	1
Phenol-d5 (Surr)	81		30 - 153	06/07/22 14:25	06/09/22 13:23	1
Terphenyl-d14 (Surr)	83		42 - 157	06/07/22 14:25	06/09/22 13:23	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/01/22 19:36	06/02/22 15:17	1
<b>Barium</b>	<b>0.46</b>	<b>J</b>	0.50	0.050	mg/L		06/01/22 19:36	06/02/22 15:17	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/01/22 19:36	06/02/22 15:17	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/22 19:36	06/02/22 15:17	1
Chromium	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:17	1
Cobalt	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:17	1
Copper	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:17	1
Iron	<0.40		0.40	0.20	mg/L		06/01/22 19:36	06/02/22 15:17	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/01/22 19:36	06/02/22 15:17	1
<b>Manganese</b>	<b>0.33</b>		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:17	1
Nickel	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:17	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/22 19:36	06/02/22 15:17	1
Silver	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:17	1
<b>Zinc</b>	<b>0.026</b>	<b>J</b>	0.50	0.020	mg/L		06/01/22 19:36	06/02/22 15:17	1

**Method: 6010B - Metals (ICP) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.11</b>		0.050	0.010	mg/L		06/01/22 19:39	06/02/22 17:48	1
<b>Barium</b>	<b>0.65</b>		0.50	0.050	mg/L		06/01/22 19:39	06/02/22 17:48	1
<b>Beryllium</b>	<b>0.013</b>		0.0040	0.0040	mg/L		06/01/22 19:39	06/02/22 17:48	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/22 19:39	06/02/22 17:48	1
<b>Chromium</b>	<b>0.23</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:48	1
<b>Cobalt</b>	<b>0.080</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:48	1
<b>Copper</b>	<b>0.22</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:48	1
<b>Iron</b>	<b>250</b>		0.40	0.20	mg/L		06/01/22 19:39	06/02/22 17:48	1
<b>Lead</b>	<b>0.11</b>		0.0075	0.0075	mg/L		06/01/22 19:39	06/02/22 17:48	1
<b>Manganese</b>	<b>0.87</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:48	1
<b>Nickel</b>	<b>0.27</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:48	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/22 19:39	06/02/22 17:48	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217166-1

**Client Sample ID: ROW-126(0-4)-052522**

**Lab Sample ID: 500-217166-10**

Date Collected: 05/25/22 00:50

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 83.9

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:48	1
<b>Zinc</b>	<b>0.53</b>		0.50	0.020	mg/L		06/01/22 19:39	06/02/22 17:48	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>11000</b>		12	4.7	mg/Kg	☆	06/03/22 08:43	06/03/22 20:19	1
<b>Antimony</b>	<b>0.48</b>	J	1.2	0.22	mg/Kg	☆	06/03/22 08:43	06/03/22 20:19	1
<b>Arsenic</b>	<b>8.5</b>		0.58	0.20	mg/Kg	☆	06/03/22 08:43	06/03/22 20:19	1
<b>Barium</b>	<b>48</b>		0.58	0.066	mg/Kg	☆	06/03/22 08:43	06/03/22 20:19	1
<b>Beryllium</b>	<b>0.88</b>		0.23	0.054	mg/Kg	☆	06/03/22 08:43	06/03/22 20:19	1
Cadmium	<0.12		0.12	0.021	mg/Kg	☆	06/03/22 08:43	06/03/22 20:19	1
<b>Calcium</b>	<b>52000</b>		55	9.3	mg/Kg	☆	06/07/22 09:33	06/08/22 11:27	5
<b>Chromium</b>	<b>16</b>		0.58	0.29	mg/Kg	☆	06/03/22 08:43	06/03/22 20:19	1
<b>Cobalt</b>	<b>13</b>		0.29	0.076	mg/Kg	☆	06/03/22 08:43	06/03/22 20:19	1
<b>Copper</b>	<b>23</b>		0.55	0.15	mg/Kg	☆	06/07/22 09:33	06/07/22 19:25	1
<b>Iron</b>	<b>20000</b>	B	12	6.0	mg/Kg	☆	06/03/22 08:43	06/03/22 20:19	1
<b>Lead</b>	<b>14</b>		0.29	0.13	mg/Kg	☆	06/03/22 08:43	06/03/22 20:19	1
<b>Magnesium</b>	<b>25000</b>		5.8	2.9	mg/Kg	☆	06/03/22 08:43	06/03/22 20:19	1
<b>Manganese</b>	<b>340</b>	B	0.58	0.084	mg/Kg	☆	06/03/22 08:43	06/03/22 20:19	1
<b>Nickel</b>	<b>32</b>		0.58	0.17	mg/Kg	☆	06/03/22 08:43	06/03/22 20:19	1
<b>Potassium</b>	<b>2200</b>	B	29	10	mg/Kg	☆	06/03/22 08:43	06/03/22 20:19	1
Selenium	<0.58		0.58	0.34	mg/Kg	☆	06/03/22 08:43	06/03/22 20:19	1
<b>Silver</b>	<b>0.23</b>	J	0.29	0.075	mg/Kg	☆	06/03/22 08:43	06/03/22 20:19	1
<b>Sodium</b>	<b>910</b>	B	58	8.6	mg/Kg	☆	06/03/22 08:43	06/03/22 20:19	1
<b>Thallium</b>	<b>0.56</b>	J	0.58	0.29	mg/Kg	☆	06/03/22 08:43	06/03/22 20:19	1
<b>Vanadium</b>	<b>20</b>		0.29	0.068	mg/Kg	☆	06/03/22 08:43	06/03/22 20:19	1
<b>Zinc</b>	<b>56</b>	B	1.2	0.51	mg/Kg	☆	06/03/22 08:43	06/03/22 20:19	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/22 15:10	06/02/22 11:44	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/22 15:10	06/02/22 14:28	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.020</b>		0.018	0.0061	mg/Kg	☆	06/01/22 14:20	06/02/22 12:18	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.6</b>		0.2	0.2	SU			06/01/22 15:15	1



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217166-1

**Client Sample ID: ROW-126(4-9)-052522**

**Lab Sample ID: 500-217166-11**

**Date Collected: 05/25/22 00:55**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 86.1**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.36		0.36	0.083	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
2,4,6-Trichlorophenol	<0.36		0.36	0.13	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
2,4-Dichlorophenol	<0.36		0.36	0.087	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
2,4-Dimethylphenol	<0.36		0.36	0.14	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
2,4-Dinitrophenol	<0.74		0.74	0.64	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
2,4-Dinitrotoluene	<0.18		0.18	0.058	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
2,6-Dinitrotoluene	<0.18		0.18	0.072	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
2-Chloronaphthalene	<0.18		0.18	0.040	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
2-Chlorophenol	<0.18		0.18	0.062	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
<b>2-Methylnaphthalene</b>	<b>0.042</b>	<b>J</b>	0.074	0.0067	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
2-Methylphenol	<0.18		0.18	0.059	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
2-Nitroaniline	<0.18		0.18	0.049	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
2-Nitrophenol	<0.36		0.36	0.086	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
3 & 4 Methylphenol	<0.18		0.18	0.061	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.051	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
3-Nitroaniline	<0.36		0.36	0.11	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
4,6-Dinitro-2-methylphenol	<0.74		0.74	0.29	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.048	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
4-Chloro-3-methylphenol	<0.36		0.36	0.12	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
4-Chloroaniline	<0.74		0.74	0.17	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.043	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
4-Nitroaniline	<0.36		0.36	0.15	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
4-Nitrophenol	<0.74		0.74	0.35	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
<b>Acenaphthene</b>	<b>0.041</b>		0.036	0.0066	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
<b>Acenaphthylene</b>	<b>0.011</b>	<b>J</b>	0.036	0.0048	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
Anthracene	<0.036		0.036	0.0061	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
<b>Benzo[a]anthracene</b>	<b>0.0092</b>	<b>J</b>	0.036	0.0049	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
<b>Benzo[a]pyrene</b>	<b>0.014</b>	<b>J</b>	0.036	0.0071	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
<b>Benzo[b]fluoranthene</b>	<b>0.028</b>	<b>J</b>	0.036	0.0079	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
<b>Benzo[g,h,i]perylene</b>	<b>0.012</b>	<b>J</b>	0.036	0.012	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
Benzo[k]fluoranthene	<0.036		0.036	0.011	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.037	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.055	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.067	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
Butyl benzyl phthalate	<0.18		0.18	0.070	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
Carbazole	<0.18		0.18	0.091	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
<b>Chrysene</b>	<b>0.029</b>	<b>J</b>	0.036	0.010	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
Dibenz(a,h)anthracene	<0.036		0.036	0.0071	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
Dibenzofuran	<0.18		0.18	0.043	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
Diethyl phthalate	<0.18		0.18	0.062	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
Dimethyl phthalate	<0.18		0.18	0.048	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
Di-n-butyl phthalate	<0.18		0.18	0.056	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
Di-n-octyl phthalate	<0.18		0.18	0.060	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
<b>Fluoranthene</b>	<b>0.031</b>	<b>J</b>	0.036	0.0068	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
<b>Fluorene</b>	<b>0.037</b>		0.036	0.0051	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
Hexachlorobenzene	<0.074		0.074	0.0085	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
Hexachlorobutadiene	<0.18		0.18	0.057	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
Hexachlorocyclopentadiene	<0.74		0.74	0.21	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
Hexachloroethane	<0.18		0.18	0.056	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217166-1

**Client Sample ID: ROW-126(4-9)-052522**

**Lab Sample ID: 500-217166-11**

**Date Collected: 05/25/22 00:55**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 86.1**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.036		0.036	0.0095	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
Isophorone	<0.18		0.18	0.041	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
<b>Naphthalene</b>	<b>0.013</b>	<b>J</b>	0.036	0.0056	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
Nitrobenzene	<0.036		0.036	0.0091	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
N-Nitrosodi-n-propylamine	<0.074		0.074	0.045	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
N-Nitrosodiphenylamine	<0.18		0.18	0.043	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
Pentachlorophenol	<0.74		0.74	0.59	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
<b>Phenanthrene</b>	<b>0.083</b>		0.036	0.0051	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
Phenol	<0.18		0.18	0.081	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
<b>Pyrene</b>	<b>0.033</b>	<b>J</b>	0.036	0.0073	mg/Kg	☼	06/07/22 14:25	06/09/22 13:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	67		31 - 143				06/07/22 14:25	06/09/22 13:43	1
2-Fluorobiphenyl (Surr)	85		43 - 145				06/07/22 14:25	06/09/22 13:43	1
2-Fluorophenol (Surr)	91		31 - 166				06/07/22 14:25	06/09/22 13:43	1
Nitrobenzene-d5 (Surr)	89		37 - 147				06/07/22 14:25	06/09/22 13:43	1
Phenol-d5 (Surr)	79		30 - 153				06/07/22 14:25	06/09/22 13:43	1
Terphenyl-d14 (Surr)	88		42 - 157				06/07/22 14:25	06/09/22 13:43	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/01/22 19:36	06/02/22 15:20	1
<b>Barium</b>	<b>0.30</b>	<b>J</b>	0.50	0.050	mg/L		06/01/22 19:36	06/02/22 15:20	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/01/22 19:36	06/02/22 15:20	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/22 19:36	06/02/22 15:20	1
Chromium	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:20	1
Cobalt	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:20	1
Copper	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:20	1
<b>Iron</b>	<b>0.21</b>	<b>J</b>	0.40	0.20	mg/L		06/01/22 19:36	06/02/22 15:20	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/01/22 19:36	06/02/22 15:20	1
<b>Manganese</b>	<b>2.5</b>		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:20	1
<b>Nickel</b>	<b>0.011</b>	<b>J</b>	0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:20	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/22 19:36	06/02/22 15:20	1
Silver	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:20	1
<b>Zinc</b>	<b>0.032</b>	<b>J</b>	0.50	0.020	mg/L		06/01/22 19:36	06/02/22 15:20	1

**Method: 6010B - Metals (ICP) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.098</b>		0.050	0.010	mg/L		06/01/22 19:39	06/02/22 17:52	1
<b>Barium</b>	<b>0.36</b>	<b>J</b>	0.50	0.050	mg/L		06/01/22 19:39	06/02/22 17:52	1
<b>Beryllium</b>	<b>0.0089</b>		0.0040	0.0040	mg/L		06/01/22 19:39	06/02/22 17:52	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/22 19:39	06/02/22 17:52	1
<b>Chromium</b>	<b>0.17</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:52	1
<b>Cobalt</b>	<b>0.055</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:52	1
<b>Copper</b>	<b>0.23</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:52	1
<b>Iron</b>	<b>200</b>		0.40	0.20	mg/L		06/01/22 19:39	06/02/22 17:52	1
<b>Lead</b>	<b>0.087</b>		0.0075	0.0075	mg/L		06/01/22 19:39	06/02/22 17:52	1
<b>Manganese</b>	<b>1.0</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:52	1
<b>Nickel</b>	<b>0.21</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:52	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/22 19:39	06/02/22 17:52	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217166-1

**Client Sample ID: ROW-126(4-9)-052522**

**Lab Sample ID: 500-217166-11**

Date Collected: 05/25/22 00:55

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 86.1

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:52	1
<b>Zinc</b>	<b>0.55</b>		0.50	0.020	mg/L		06/01/22 19:39	06/02/22 17:52	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>8100</b>		12	4.7	mg/Kg	☆	06/03/22 08:43	06/03/22 20:23	1
<b>Antimony</b>	<b>0.37</b>	<b>J</b>	1.2	0.23	mg/Kg	☆	06/03/22 08:43	06/03/22 20:23	1
<b>Arsenic</b>	<b>10</b>		0.58	0.20	mg/Kg	☆	06/03/22 08:43	06/03/22 20:23	1
<b>Barium</b>	<b>36</b>		0.58	0.066	mg/Kg	☆	06/03/22 08:43	06/03/22 20:23	1
<b>Beryllium</b>	<b>0.72</b>		0.23	0.054	mg/Kg	☆	06/03/22 08:43	06/03/22 20:23	1
Cadmium	<0.12		0.12	0.021	mg/Kg	☆	06/03/22 08:43	06/03/22 20:23	1
<b>Calcium</b>	<b>66000</b>		56	9.4	mg/Kg	☆	06/07/22 09:33	06/08/22 11:37	5
<b>Chromium</b>	<b>14</b>		0.58	0.29	mg/Kg	☆	06/03/22 08:43	06/03/22 20:23	1
<b>Cobalt</b>	<b>24</b>		0.29	0.076	mg/Kg	☆	06/03/22 08:43	06/03/22 20:23	1
<b>Copper</b>	<b>20</b>		0.56	0.16	mg/Kg	☆	06/07/22 09:33	06/07/22 19:28	1
<b>Iron</b>	<b>20000</b>	<b>B</b>	12	6.0	mg/Kg	☆	06/03/22 08:43	06/03/22 20:23	1
<b>Lead</b>	<b>15</b>		0.29	0.13	mg/Kg	☆	06/03/22 08:43	06/03/22 20:23	1
<b>Magnesium</b>	<b>28000</b>		5.8	2.9	mg/Kg	☆	06/03/22 08:43	06/03/22 20:23	1
<b>Manganese</b>	<b>550</b>	<b>B</b>	0.58	0.084	mg/Kg	☆	06/03/22 08:43	06/03/22 20:23	1
<b>Nickel</b>	<b>39</b>		0.58	0.17	mg/Kg	☆	06/03/22 08:43	06/03/22 20:23	1
<b>Potassium</b>	<b>1800</b>	<b>B</b>	29	10	mg/Kg	☆	06/03/22 08:43	06/03/22 20:23	1
Selenium	<0.58		0.58	0.34	mg/Kg	☆	06/03/22 08:43	06/03/22 20:23	1
<b>Silver</b>	<b>0.16</b>	<b>J</b>	0.29	0.075	mg/Kg	☆	06/03/22 08:43	06/03/22 20:23	1
<b>Sodium</b>	<b>370</b>	<b>B</b>	58	8.6	mg/Kg	☆	06/03/22 08:43	06/03/22 20:23	1
<b>Thallium</b>	<b>0.71</b>		0.58	0.29	mg/Kg	☆	06/03/22 08:43	06/03/22 20:23	1
<b>Vanadium</b>	<b>16</b>		0.29	0.068	mg/Kg	☆	06/03/22 08:43	06/03/22 20:23	1
<b>Zinc</b>	<b>60</b>	<b>B</b>	1.2	0.51	mg/Kg	☆	06/03/22 08:43	06/03/22 20:23	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/22 15:10	06/02/22 11:46	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/22 15:10	06/02/22 14:30	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.015</b>	<b>J</b>	0.017	0.0058	mg/Kg	☆	06/01/22 14:20	06/02/22 12:24	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.1</b>		0.2	0.2	SU			06/01/22 15:20	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217166-1

**Client Sample ID: ROW-127(0-4)-052522**

**Lab Sample ID: 500-217166-12**

**Date Collected: 05/25/22 01:30**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 85.8**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0069	mg/Kg	☼	05/26/22 17:29	06/01/22 18:25	1
Benzene	<0.0016		0.0016	0.00040	mg/Kg	☼	05/26/22 17:29	06/01/22 18:25	1
Bromodichloromethane	<0.0016		0.0016	0.00032	mg/Kg	☼	05/26/22 17:29	06/01/22 18:25	1
Bromoform	<0.0016		0.0016	0.00046	mg/Kg	☼	05/26/22 17:29	06/01/22 18:25	1
Bromomethane	<0.0040		0.0040	0.0015	mg/Kg	☼	05/26/22 17:29	06/01/22 18:25	1
Carbon disulfide	<0.0040		0.0040	0.00082	mg/Kg	☼	05/26/22 17:29	06/01/22 18:25	1
Carbon tetrachloride	<0.0016		0.0016	0.00046	mg/Kg	☼	05/26/22 17:29	06/01/22 18:25	1
Chlorobenzene	<0.0016		0.0016	0.00059	mg/Kg	☼	05/26/22 17:29	06/01/22 18:25	1
Chloroethane	<0.0040		0.0040	0.0012	mg/Kg	☼	05/26/22 17:29	06/01/22 18:25	1
Chloroform	<0.0016		0.0016	0.00055	mg/Kg	☼	05/26/22 17:29	06/01/22 18:25	1
Chloromethane	<0.0040		0.0040	0.0016	mg/Kg	☼	05/26/22 17:29	06/01/22 18:25	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00044	mg/Kg	☼	05/26/22 17:29	06/01/22 18:25	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00048	mg/Kg	☼	05/26/22 17:29	06/01/22 18:25	1
Dibromochloromethane	<0.0016		0.0016	0.00052	mg/Kg	☼	05/26/22 17:29	06/01/22 18:25	1
1,1-Dichloroethane	<0.0016		0.0016	0.00054	mg/Kg	☼	05/26/22 17:29	06/01/22 18:25	1
1,2-Dichloroethane	<0.0040		0.0040	0.0012	mg/Kg	☼	05/26/22 17:29	06/01/22 18:25	1
1,1-Dichloroethene	<0.0016		0.0016	0.00055	mg/Kg	☼	05/26/22 17:29	06/01/22 18:25	1
1,2-Dichloropropane	<0.0016		0.0016	0.00041	mg/Kg	☼	05/26/22 17:29	06/01/22 18:25	1
1,3-Dichloropropane, Total	<0.0016		0.0016	0.00056	mg/Kg	☼	05/26/22 17:29	06/01/22 18:25	1
Ethylbenzene	<0.0016		0.0016	0.00076	mg/Kg	☼	05/26/22 17:29	06/01/22 18:25	1
2-Hexanone	<0.0040		0.0040	0.0012	mg/Kg	☼	05/26/22 17:29	06/01/22 18:25	1
Methylene Chloride	<0.0040		0.0040	0.0016	mg/Kg	☼	05/26/22 17:29	06/01/22 18:25	1
Methyl Ethyl Ketone	<0.0040		0.0040	0.0018	mg/Kg	☼	05/26/22 17:29	06/01/22 18:25	1
methyl isobutyl ketone	<0.0040		0.0040	0.0012	mg/Kg	☼	05/26/22 17:29	06/01/22 18:25	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00047	mg/Kg	☼	05/26/22 17:29	06/01/22 18:25	1
Styrene	<0.0016		0.0016	0.00048	mg/Kg	☼	05/26/22 17:29	06/01/22 18:25	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00051	mg/Kg	☼	05/26/22 17:29	06/01/22 18:25	1
Tetrachloroethene	<0.0016		0.0016	0.00054	mg/Kg	☼	05/26/22 17:29	06/01/22 18:25	1
Toluene	<0.0016		0.0016	0.00040	mg/Kg	☼	05/26/22 17:29	06/01/22 18:25	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00070	mg/Kg	☼	05/26/22 17:29	06/01/22 18:25	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00056	mg/Kg	☼	05/26/22 17:29	06/01/22 18:25	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00053	mg/Kg	☼	05/26/22 17:29	06/01/22 18:25	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00068	mg/Kg	☼	05/26/22 17:29	06/01/22 18:25	1
Trichloroethene	<0.0016		0.0016	0.00054	mg/Kg	☼	05/26/22 17:29	06/01/22 18:25	1
Vinyl chloride	<0.0016		0.0016	0.00070	mg/Kg	☼	05/26/22 17:29	06/01/22 18:25	1
Xylenes, Total	<0.0032		0.0032	0.00051	mg/Kg	☼	05/26/22 17:29	06/01/22 18:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		75 - 131	05/26/22 17:29	06/01/22 18:25	1
Dibromofluoromethane (Surr)	107		75 - 126	05/26/22 17:29	06/01/22 18:25	1
1,2-Dichloroethane-d4 (Surr)	113		70 - 134	05/26/22 17:29	06/01/22 18:25	1
Toluene-d8 (Surr)	110		75 - 124	05/26/22 17:29	06/01/22 18:25	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.040	mg/Kg	☼	06/07/22 14:25	06/09/22 14:03	1
1,2-Dichlorobenzene	<0.18		0.18	0.044	mg/Kg	☼	06/07/22 14:25	06/09/22 14:03	1
1,3-Dichlorobenzene	<0.18		0.18	0.041	mg/Kg	☼	06/07/22 14:25	06/09/22 14:03	1
1,4-Dichlorobenzene	<0.18		0.18	0.047	mg/Kg	☼	06/07/22 14:25	06/09/22 14:03	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.043	mg/Kg	☼	06/07/22 14:25	06/09/22 14:03	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217166-1

**Client Sample ID: ROW-127(0-4)-052522**

**Lab Sample ID: 500-217166-12**

**Date Collected: 05/25/22 01:30**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 85.8**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.36		0.36	0.084	mg/Kg	✱	06/07/22 14:25	06/09/22 14:03	1
2,4,6-Trichlorophenol	<0.36		0.36	0.13	mg/Kg	✱	06/07/22 14:25	06/09/22 14:03	1
2,4-Dichlorophenol	<0.36		0.36	0.087	mg/Kg	✱	06/07/22 14:25	06/09/22 14:03	1
2,4-Dimethylphenol	<0.36		0.36	0.14	mg/Kg	✱	06/07/22 14:25	06/09/22 14:03	1
2,4-Dinitrophenol	<0.74		0.74	0.65	mg/Kg	✱	06/07/22 14:25	06/09/22 14:03	1
2,4-Dinitrotoluene	<0.18		0.18	0.058	mg/Kg	✱	06/07/22 14:25	06/09/22 14:03	1
2,6-Dinitrotoluene	<0.18		0.18	0.072	mg/Kg	✱	06/07/22 14:25	06/09/22 14:03	1
2-Chloronaphthalene	<0.18		0.18	0.041	mg/Kg	✱	06/07/22 14:25	06/09/22 14:03	1
2-Chlorophenol	<0.18		0.18	0.063	mg/Kg	✱	06/07/22 14:25	06/09/22 14:03	1
2-Methylnaphthalene	<0.074		0.074	0.0068	mg/Kg	✱	06/07/22 14:25	06/09/22 14:03	1
2-Methylphenol	<0.18		0.18	0.059	mg/Kg	✱	06/07/22 14:25	06/09/22 14:03	1
2-Nitroaniline	<0.18		0.18	0.049	mg/Kg	✱	06/07/22 14:25	06/09/22 14:03	1
2-Nitrophenol	<0.36		0.36	0.087	mg/Kg	✱	06/07/22 14:25	06/09/22 14:03	1
3 & 4 Methylphenol	<0.18		0.18	0.061	mg/Kg	✱	06/07/22 14:25	06/09/22 14:03	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.051	mg/Kg	✱	06/07/22 14:25	06/09/22 14:03	1
3-Nitroaniline	<0.36		0.36	0.11	mg/Kg	✱	06/07/22 14:25	06/09/22 14:03	1
4,6-Dinitro-2-methylphenol	<0.74		0.74	0.30	mg/Kg	✱	06/07/22 14:25	06/09/22 14:03	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.048	mg/Kg	✱	06/07/22 14:25	06/09/22 14:03	1
4-Chloro-3-methylphenol	<0.36		0.36	0.12	mg/Kg	✱	06/07/22 14:25	06/09/22 14:03	1
4-Chloroaniline	<0.74		0.74	0.17	mg/Kg	✱	06/07/22 14:25	06/09/22 14:03	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.043	mg/Kg	✱	06/07/22 14:25	06/09/22 14:03	1
4-Nitroaniline	<0.36		0.36	0.15	mg/Kg	✱	06/07/22 14:25	06/09/22 14:03	1
4-Nitrophenol	<0.74		0.74	0.35	mg/Kg	✱	06/07/22 14:25	06/09/22 14:03	1
Acenaphthene	<0.036		0.036	0.0066	mg/Kg	✱	06/07/22 14:25	06/09/22 14:03	1
Acenaphthylene	<0.036		0.036	0.0048	mg/Kg	✱	06/07/22 14:25	06/09/22 14:03	1
Anthracene	<0.036		0.036	0.0061	mg/Kg	✱	06/07/22 14:25	06/09/22 14:03	1
Benzo[a]anthracene	<0.036		0.036	0.0049	mg/Kg	✱	06/07/22 14:25	06/09/22 14:03	1
Benzo[a]pyrene	<0.036		0.036	0.0071	mg/Kg	✱	06/07/22 14:25	06/09/22 14:03	1
Benzo[b]fluoranthene	<0.036		0.036	0.0079	mg/Kg	✱	06/07/22 14:25	06/09/22 14:03	1
Benzo[g,h,i]perylene	<0.036		0.036	0.012	mg/Kg	✱	06/07/22 14:25	06/09/22 14:03	1
Benzo[k]fluoranthene	<0.036		0.036	0.011	mg/Kg	✱	06/07/22 14:25	06/09/22 14:03	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.037	mg/Kg	✱	06/07/22 14:25	06/09/22 14:03	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.055	mg/Kg	✱	06/07/22 14:25	06/09/22 14:03	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.067	mg/Kg	✱	06/07/22 14:25	06/09/22 14:03	1
Butyl benzyl phthalate	<0.18		0.18	0.070	mg/Kg	✱	06/07/22 14:25	06/09/22 14:03	1
Carbazole	<0.18		0.18	0.092	mg/Kg	✱	06/07/22 14:25	06/09/22 14:03	1
Chrysene	<0.036		0.036	0.010	mg/Kg	✱	06/07/22 14:25	06/09/22 14:03	1
Dibenz(a,h)anthracene	<0.036		0.036	0.0071	mg/Kg	✱	06/07/22 14:25	06/09/22 14:03	1
Dibenzofuran	<0.18		0.18	0.043	mg/Kg	✱	06/07/22 14:25	06/09/22 14:03	1
Diethyl phthalate	<0.18		0.18	0.062	mg/Kg	✱	06/07/22 14:25	06/09/22 14:03	1
Dimethyl phthalate	<0.18		0.18	0.048	mg/Kg	✱	06/07/22 14:25	06/09/22 14:03	1
Di-n-butyl phthalate	<0.18		0.18	0.056	mg/Kg	✱	06/07/22 14:25	06/09/22 14:03	1
Di-n-octyl phthalate	<0.18		0.18	0.060	mg/Kg	✱	06/07/22 14:25	06/09/22 14:03	1
Fluoranthene	<0.036		0.036	0.0068	mg/Kg	✱	06/07/22 14:25	06/09/22 14:03	1
Fluorene	<0.036		0.036	0.0052	mg/Kg	✱	06/07/22 14:25	06/09/22 14:03	1
Hexachlorobenzene	<0.074		0.074	0.0085	mg/Kg	✱	06/07/22 14:25	06/09/22 14:03	1
Hexachlorobutadiene	<0.18		0.18	0.058	mg/Kg	✱	06/07/22 14:25	06/09/22 14:03	1
Hexachlorocyclopentadiene	<0.74		0.74	0.21	mg/Kg	✱	06/07/22 14:25	06/09/22 14:03	1
Hexachloroethane	<0.18		0.18	0.056	mg/Kg	✱	06/07/22 14:25	06/09/22 14:03	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217166-1

**Client Sample ID: ROW-127(0-4)-052522**

**Lab Sample ID: 500-217166-12**

**Date Collected: 05/25/22 01:30**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 85.8**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.036		0.036	0.0095	mg/Kg	☼	06/07/22 14:25	06/09/22 14:03	1
Isophorone	<0.18		0.18	0.041	mg/Kg	☼	06/07/22 14:25	06/09/22 14:03	1
Naphthalene	<0.036		0.036	0.0056	mg/Kg	☼	06/07/22 14:25	06/09/22 14:03	1
Nitrobenzene	<0.036		0.036	0.0092	mg/Kg	☼	06/07/22 14:25	06/09/22 14:03	1
N-Nitrosodi-n-propylamine	<0.074		0.074	0.045	mg/Kg	☼	06/07/22 14:25	06/09/22 14:03	1
N-Nitrosodiphenylamine	<0.18		0.18	0.043	mg/Kg	☼	06/07/22 14:25	06/09/22 14:03	1
Pentachlorophenol	<0.74		0.74	0.59	mg/Kg	☼	06/07/22 14:25	06/09/22 14:03	1
Phenanthrene	<0.036		0.036	0.0051	mg/Kg	☼	06/07/22 14:25	06/09/22 14:03	1
Phenol	<0.18		0.18	0.082	mg/Kg	☼	06/07/22 14:25	06/09/22 14:03	1
Pyrene	<0.036		0.036	0.0073	mg/Kg	☼	06/07/22 14:25	06/09/22 14:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	52		31 - 143	06/07/22 14:25	06/09/22 14:03	1
2-Fluorobiphenyl (Surr)	77		43 - 145	06/07/22 14:25	06/09/22 14:03	1
2-Fluorophenol (Surr)	86		31 - 166	06/07/22 14:25	06/09/22 14:03	1
Nitrobenzene-d5 (Surr)	89		37 - 147	06/07/22 14:25	06/09/22 14:03	1
Phenol-d5 (Surr)	76		30 - 153	06/07/22 14:25	06/09/22 14:03	1
Terphenyl-d14 (Surr)	90		42 - 157	06/07/22 14:25	06/09/22 14:03	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/01/22 19:36	06/02/22 15:38	1
<b>Barium</b>	<b>0.27</b>	<b>J</b>	0.50	0.050	mg/L		06/01/22 19:36	06/02/22 15:38	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/01/22 19:36	06/02/22 15:38	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/22 19:36	06/02/22 15:38	1
Chromium	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:38	1
Cobalt	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:38	1
Copper	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:38	1
Iron	<0.40		0.40	0.20	mg/L		06/01/22 19:36	06/02/22 15:38	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/01/22 19:36	06/02/22 15:38	1
<b>Manganese</b>	<b>0.64</b>		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:38	1
Nickel	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:38	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/22 19:36	06/02/22 15:38	1
Silver	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:38	1
Zinc	<0.50		0.50	0.020	mg/L		06/01/22 19:36	06/02/22 15:38	1

**Method: 6010B - Metals (ICP) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.11</b>		0.050	0.010	mg/L		06/01/22 19:39	06/02/22 17:55	1
<b>Barium</b>	<b>0.72</b>		0.50	0.050	mg/L		06/01/22 19:39	06/02/22 17:55	1
<b>Beryllium</b>	<b>0.012</b>		0.0040	0.0040	mg/L		06/01/22 19:39	06/02/22 17:55	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/22 19:39	06/02/22 17:55	1
<b>Chromium</b>	<b>0.21</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:55	1
<b>Cobalt</b>	<b>0.076</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:55	1
<b>Copper</b>	<b>0.24</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:55	1
<b>Iron</b>	<b>250</b>		0.40	0.20	mg/L		06/01/22 19:39	06/02/22 17:55	1
<b>Lead</b>	<b>0.10</b>		0.0075	0.0075	mg/L		06/01/22 19:39	06/02/22 17:55	1
<b>Manganese</b>	<b>0.89</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:55	1
<b>Nickel</b>	<b>0.25</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:55	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/22 19:39	06/02/22 17:55	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217166-1

**Client Sample ID: ROW-127(0-4)-052522**

**Lab Sample ID: 500-217166-12**

Date Collected: 05/25/22 01:30

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 85.8

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:55	1
<b>Zinc</b>	<b>0.58</b>		0.50	0.020	mg/L		06/01/22 19:39	06/02/22 17:55	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>11000</b>		11	4.7	mg/Kg	☆	06/03/22 08:43	06/03/22 20:26	1
<b>Antimony</b>	<b>0.31</b>	<b>J</b>	1.1	0.22	mg/Kg	☆	06/03/22 08:43	06/03/22 20:26	1
<b>Arsenic</b>	<b>7.5</b>		0.57	0.20	mg/Kg	☆	06/03/22 08:43	06/03/22 20:26	1
<b>Barium</b>	<b>47</b>		0.57	0.065	mg/Kg	☆	06/03/22 08:43	06/03/22 20:26	1
<b>Beryllium</b>	<b>0.82</b>		0.23	0.054	mg/Kg	☆	06/03/22 08:43	06/03/22 20:26	1
Cadmium	<0.11		0.11	0.021	mg/Kg	☆	06/03/22 08:43	06/03/22 20:26	1
<b>Calcium</b>	<b>85000</b>		58	9.8	mg/Kg	☆	06/07/22 09:33	06/08/22 11:40	5
<b>Chromium</b>	<b>16</b>		0.57	0.28	mg/Kg	☆	06/03/22 08:43	06/03/22 20:26	1
<b>Cobalt</b>	<b>12</b>		0.29	0.075	mg/Kg	☆	06/03/22 08:43	06/03/22 20:26	1
<b>Copper</b>	<b>17</b>		0.58	0.16	mg/Kg	☆	06/07/22 09:33	06/07/22 19:32	1
<b>Iron</b>	<b>19000</b>	<b>B</b>	11	6.0	mg/Kg	☆	06/03/22 08:43	06/03/22 20:26	1
<b>Lead</b>	<b>13</b>		0.29	0.13	mg/Kg	☆	06/03/22 08:43	06/03/22 20:26	1
<b>Magnesium</b>	<b>24000</b>		5.7	2.8	mg/Kg	☆	06/03/22 08:43	06/03/22 20:26	1
<b>Manganese</b>	<b>260</b>	<b>B</b>	0.57	0.083	mg/Kg	☆	06/03/22 08:43	06/03/22 20:26	1
<b>Nickel</b>	<b>26</b>		0.57	0.17	mg/Kg	☆	06/03/22 08:43	06/03/22 20:26	1
<b>Potassium</b>	<b>2100</b>	<b>B</b>	29	10	mg/Kg	☆	06/03/22 08:43	06/03/22 20:26	1
Selenium	<0.57		0.57	0.34	mg/Kg	☆	06/03/22 08:43	06/03/22 20:26	1
<b>Silver</b>	<b>0.26</b>	<b>J</b>	0.29	0.074	mg/Kg	☆	06/03/22 08:43	06/03/22 20:26	1
<b>Sodium</b>	<b>1200</b>	<b>B</b>	57	8.5	mg/Kg	☆	06/03/22 08:43	06/03/22 20:26	1
Thallium	<0.57		0.57	0.29	mg/Kg	☆	06/03/22 08:43	06/03/22 20:26	1
<b>Vanadium</b>	<b>20</b>		0.29	0.068	mg/Kg	☆	06/03/22 08:43	06/03/22 20:26	1
<b>Zinc</b>	<b>56</b>	<b>B</b>	1.1	0.50	mg/Kg	☆	06/03/22 08:43	06/03/22 20:26	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/22 15:10	06/02/22 12:01	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/22 15:10	06/02/22 14:32	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.016</b>	<b>J</b>	0.019	0.0063	mg/Kg	☆	06/01/22 14:20	06/02/22 12:26	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.4</b>		0.2	0.2	SU			06/01/22 15:25	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217166-1

**Client Sample ID: ROW-127(0-4)-052522D**

**Lab Sample ID: 500-217166-13**

**Date Collected: 05/25/22 01:30**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 85.6**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0068	mg/Kg	☼	05/26/22 17:29	06/02/22 12:27	1
Benzene	<0.0016		0.0016	0.00040	mg/Kg	☼	05/26/22 17:29	06/02/22 12:27	1
Bromodichloromethane	<0.0016		0.0016	0.00032	mg/Kg	☼	05/26/22 17:29	06/02/22 12:27	1
Bromoform	<0.0016		0.0016	0.00046	mg/Kg	☼	05/26/22 17:29	06/02/22 12:27	1
Bromomethane	<0.0039		0.0039	0.0015	mg/Kg	☼	05/26/22 17:29	06/02/22 12:27	1
Carbon disulfide	<0.0039		0.0039	0.00081	mg/Kg	☼	05/26/22 17:29	06/02/22 12:27	1
Carbon tetrachloride	<0.0016	*+	0.0016	0.00045	mg/Kg	☼	05/26/22 17:29	06/02/22 12:27	1
Chlorobenzene	<0.0016		0.0016	0.00058	mg/Kg	☼	05/26/22 17:29	06/02/22 12:27	1
Chloroethane	<0.0039	*+	0.0039	0.0012	mg/Kg	☼	05/26/22 17:29	06/02/22 12:27	1
Chloroform	<0.0016		0.0016	0.00054	mg/Kg	☼	05/26/22 17:29	06/02/22 12:27	1
Chloromethane	<0.0039		0.0039	0.0016	mg/Kg	☼	05/26/22 17:29	06/02/22 12:27	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00044	mg/Kg	☼	05/26/22 17:29	06/02/22 12:27	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00047	mg/Kg	☼	05/26/22 17:29	06/02/22 12:27	1
Dibromochloromethane	<0.0016		0.0016	0.00051	mg/Kg	☼	05/26/22 17:29	06/02/22 12:27	1
1,1-Dichloroethane	<0.0016		0.0016	0.00054	mg/Kg	☼	05/26/22 17:29	06/02/22 12:27	1
1,2-Dichloroethane	<0.0039		0.0039	0.0012	mg/Kg	☼	05/26/22 17:29	06/02/22 12:27	1
1,1-Dichloroethene	<0.0016	*+	0.0016	0.00054	mg/Kg	☼	05/26/22 17:29	06/02/22 12:27	1
1,2-Dichloropropane	<0.0016		0.0016	0.00041	mg/Kg	☼	05/26/22 17:29	06/02/22 12:27	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00055	mg/Kg	☼	05/26/22 17:29	06/02/22 12:27	1
Ethylbenzene	<0.0016		0.0016	0.00075	mg/Kg	☼	05/26/22 17:29	06/02/22 12:27	1
2-Hexanone	<0.0039		0.0039	0.0012	mg/Kg	☼	05/26/22 17:29	06/02/22 12:27	1
Methylene Chloride	<0.0039		0.0039	0.0015	mg/Kg	☼	05/26/22 17:29	06/02/22 12:27	1
Methyl Ethyl Ketone	<0.0039		0.0039	0.0017	mg/Kg	☼	05/26/22 17:29	06/02/22 12:27	1
methyl isobutyl ketone	<0.0039		0.0039	0.0012	mg/Kg	☼	05/26/22 17:29	06/02/22 12:27	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00046	mg/Kg	☼	05/26/22 17:29	06/02/22 12:27	1
Styrene	<0.0016		0.0016	0.00047	mg/Kg	☼	05/26/22 17:29	06/02/22 12:27	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00050	mg/Kg	☼	05/26/22 17:29	06/02/22 12:27	1
Tetrachloroethene	<0.0016		0.0016	0.00053	mg/Kg	☼	05/26/22 17:29	06/02/22 12:27	1
Toluene	<0.0016		0.0016	0.00040	mg/Kg	☼	05/26/22 17:29	06/02/22 12:27	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00069	mg/Kg	☼	05/26/22 17:29	06/02/22 12:27	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00055	mg/Kg	☼	05/26/22 17:29	06/02/22 12:27	1
1,1,1-Trichloroethane	<0.0016	*+	0.0016	0.00053	mg/Kg	☼	05/26/22 17:29	06/02/22 12:27	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00067	mg/Kg	☼	05/26/22 17:29	06/02/22 12:27	1
Trichloroethene	<0.0016		0.0016	0.00053	mg/Kg	☼	05/26/22 17:29	06/02/22 12:27	1
Vinyl chloride	<0.0016		0.0016	0.00069	mg/Kg	☼	05/26/22 17:29	06/02/22 12:27	1
Xylenes, Total	<0.0031		0.0031	0.00050	mg/Kg	☼	05/26/22 17:29	06/02/22 12:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		75 - 131	05/26/22 17:29	06/02/22 12:27	1
Dibromofluoromethane (Surr)	115		75 - 126	05/26/22 17:29	06/02/22 12:27	1
1,2-Dichloroethane-d4 (Surr)	117		70 - 134	05/26/22 17:29	06/02/22 12:27	1
Toluene-d8 (Surr)	127	S1+	75 - 124	05/26/22 17:29	06/02/22 12:27	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	06/07/22 14:25	06/09/22 14:24	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	☼	06/07/22 14:25	06/09/22 14:24	1
1,3-Dichlorobenzene	<0.19		0.19	0.044	mg/Kg	☼	06/07/22 14:25	06/09/22 14:24	1
1,4-Dichlorobenzene	<0.19		0.19	0.050	mg/Kg	☼	06/07/22 14:25	06/09/22 14:24	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.045	mg/Kg	☼	06/07/22 14:25	06/09/22 14:24	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217166-1

**Client Sample ID: ROW-127(0-4)-052522D**

**Lab Sample ID: 500-217166-13**

Date Collected: 05/25/22 01:30

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 85.6

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.088	mg/Kg	✱	06/07/22 14:25	06/09/22 14:24	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	✱	06/07/22 14:25	06/09/22 14:24	1
2,4-Dichlorophenol	<0.38		0.38	0.092	mg/Kg	✱	06/07/22 14:25	06/09/22 14:24	1
2,4-Dimethylphenol	<0.38		0.38	0.15	mg/Kg	✱	06/07/22 14:25	06/09/22 14:24	1
2,4-Dinitrophenol	<0.78		0.78	0.68	mg/Kg	✱	06/07/22 14:25	06/09/22 14:24	1
2,4-Dinitrotoluene	<0.19		0.19	0.061	mg/Kg	✱	06/07/22 14:25	06/09/22 14:24	1
2,6-Dinitrotoluene	<0.19		0.19	0.076	mg/Kg	✱	06/07/22 14:25	06/09/22 14:24	1
2-Chloronaphthalene	<0.19		0.19	0.043	mg/Kg	✱	06/07/22 14:25	06/09/22 14:24	1
2-Chlorophenol	<0.19		0.19	0.066	mg/Kg	✱	06/07/22 14:25	06/09/22 14:24	1
2-Methylnaphthalene	<0.078		0.078	0.0071	mg/Kg	✱	06/07/22 14:25	06/09/22 14:24	1
2-Methylphenol	<0.19		0.19	0.062	mg/Kg	✱	06/07/22 14:25	06/09/22 14:24	1
2-Nitroaniline	<0.19		0.19	0.052	mg/Kg	✱	06/07/22 14:25	06/09/22 14:24	1
2-Nitrophenol	<0.38		0.38	0.091	mg/Kg	✱	06/07/22 14:25	06/09/22 14:24	1
3 & 4 Methylphenol	<0.19		0.19	0.065	mg/Kg	✱	06/07/22 14:25	06/09/22 14:24	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.054	mg/Kg	✱	06/07/22 14:25	06/09/22 14:24	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	✱	06/07/22 14:25	06/09/22 14:24	1
4,6-Dinitro-2-methylphenol	<0.78		0.78	0.31	mg/Kg	✱	06/07/22 14:25	06/09/22 14:24	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.051	mg/Kg	✱	06/07/22 14:25	06/09/22 14:24	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	✱	06/07/22 14:25	06/09/22 14:24	1
4-Chloroaniline	<0.78		0.78	0.18	mg/Kg	✱	06/07/22 14:25	06/09/22 14:24	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	✱	06/07/22 14:25	06/09/22 14:24	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	✱	06/07/22 14:25	06/09/22 14:24	1
4-Nitrophenol	<0.78		0.78	0.37	mg/Kg	✱	06/07/22 14:25	06/09/22 14:24	1
Acenaphthene	<0.038		0.038	0.0070	mg/Kg	✱	06/07/22 14:25	06/09/22 14:24	1
Acenaphthylene	<0.038		0.038	0.0051	mg/Kg	✱	06/07/22 14:25	06/09/22 14:24	1
Anthracene	<0.038		0.038	0.0065	mg/Kg	✱	06/07/22 14:25	06/09/22 14:24	1
Benzo[a]anthracene	<0.038		0.038	0.0052	mg/Kg	✱	06/07/22 14:25	06/09/22 14:24	1
Benzo[a]pyrene	<0.038		0.038	0.0075	mg/Kg	✱	06/07/22 14:25	06/09/22 14:24	1
Benzo[b]fluoranthene	<0.038		0.038	0.0084	mg/Kg	✱	06/07/22 14:25	06/09/22 14:24	1
Benzo[g,h,i]perylene	<0.038		0.038	0.012	mg/Kg	✱	06/07/22 14:25	06/09/22 14:24	1
Benzo[k]fluoranthene	<0.038		0.038	0.011	mg/Kg	✱	06/07/22 14:25	06/09/22 14:24	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	✱	06/07/22 14:25	06/09/22 14:24	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.058	mg/Kg	✱	06/07/22 14:25	06/09/22 14:24	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.071	mg/Kg	✱	06/07/22 14:25	06/09/22 14:24	1
Butyl benzyl phthalate	<0.19		0.19	0.074	mg/Kg	✱	06/07/22 14:25	06/09/22 14:24	1
Carbazole	<0.19		0.19	0.097	mg/Kg	✱	06/07/22 14:25	06/09/22 14:24	1
Chrysene	<0.038		0.038	0.011	mg/Kg	✱	06/07/22 14:25	06/09/22 14:24	1
Dibenz(a,h)anthracene	<0.038		0.038	0.0075	mg/Kg	✱	06/07/22 14:25	06/09/22 14:24	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	✱	06/07/22 14:25	06/09/22 14:24	1
Diethyl phthalate	<0.19		0.19	0.066	mg/Kg	✱	06/07/22 14:25	06/09/22 14:24	1
Dimethyl phthalate	<0.19		0.19	0.051	mg/Kg	✱	06/07/22 14:25	06/09/22 14:24	1
Di-n-butyl phthalate	<0.19		0.19	0.059	mg/Kg	✱	06/07/22 14:25	06/09/22 14:24	1
Di-n-octyl phthalate	<0.19		0.19	0.063	mg/Kg	✱	06/07/22 14:25	06/09/22 14:24	1
Fluoranthene	<0.038		0.038	0.0072	mg/Kg	✱	06/07/22 14:25	06/09/22 14:24	1
Fluorene	<0.038		0.038	0.0054	mg/Kg	✱	06/07/22 14:25	06/09/22 14:24	1
Hexachlorobenzene	<0.078		0.078	0.0090	mg/Kg	✱	06/07/22 14:25	06/09/22 14:24	1
Hexachlorobutadiene	<0.19		0.19	0.061	mg/Kg	✱	06/07/22 14:25	06/09/22 14:24	1
Hexachlorocyclopentadiene	<0.78		0.78	0.22	mg/Kg	✱	06/07/22 14:25	06/09/22 14:24	1
Hexachloroethane	<0.19		0.19	0.059	mg/Kg	✱	06/07/22 14:25	06/09/22 14:24	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217166-1

**Client Sample ID: ROW-127(0-4)-052522D**

**Lab Sample ID: 500-217166-13**

**Date Collected: 05/25/22 01:30**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 85.6**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.038		0.038	0.010	mg/Kg	☼	06/07/22 14:25	06/09/22 14:24	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	06/07/22 14:25	06/09/22 14:24	1
Naphthalene	<0.038		0.038	0.0060	mg/Kg	☼	06/07/22 14:25	06/09/22 14:24	1
Nitrobenzene	<0.038		0.038	0.0097	mg/Kg	☼	06/07/22 14:25	06/09/22 14:24	1
N-Nitrosodi-n-propylamine	<0.078		0.078	0.047	mg/Kg	☼	06/07/22 14:25	06/09/22 14:24	1
N-Nitrosodiphenylamine	<0.19		0.19	0.046	mg/Kg	☼	06/07/22 14:25	06/09/22 14:24	1
Pentachlorophenol	<0.78		0.78	0.62	mg/Kg	☼	06/07/22 14:25	06/09/22 14:24	1
Phenanthrene	<0.038		0.038	0.0054	mg/Kg	☼	06/07/22 14:25	06/09/22 14:24	1
Phenol	<0.19		0.19	0.086	mg/Kg	☼	06/07/22 14:25	06/09/22 14:24	1
Pyrene	<0.038		0.038	0.0077	mg/Kg	☼	06/07/22 14:25	06/09/22 14:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	68		31 - 143				06/07/22 14:25	06/09/22 14:24	1
2-Fluorobiphenyl (Surr)	87		43 - 145				06/07/22 14:25	06/09/22 14:24	1
2-Fluorophenol (Surr)	86		31 - 166				06/07/22 14:25	06/09/22 14:24	1
Nitrobenzene-d5 (Surr)	97		37 - 147				06/07/22 14:25	06/09/22 14:24	1
Phenol-d5 (Surr)	87		30 - 153				06/07/22 14:25	06/09/22 14:24	1
Terphenyl-d14 (Surr)	102		42 - 157				06/07/22 14:25	06/09/22 14:24	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/01/22 19:36	06/02/22 15:24	1
<b>Barium</b>	<b>0.50</b>		0.50	0.050	mg/L		06/01/22 19:36	06/02/22 15:24	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/01/22 19:36	06/02/22 15:24	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/22 19:36	06/02/22 15:24	1
Chromium	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:24	1
Cobalt	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:24	1
Copper	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:24	1
Iron	<0.40		0.40	0.20	mg/L		06/01/22 19:36	06/02/22 15:24	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/01/22 19:36	06/02/22 15:24	1
<b>Manganese</b>	<b>0.53</b>		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:24	1
Nickel	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:24	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/22 19:36	06/02/22 15:24	1
Silver	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:24	1
Zinc	<0.50		0.50	0.020	mg/L		06/01/22 19:36	06/02/22 15:24	1

**Method: 6010B - Metals (ICP) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.10</b>		0.050	0.010	mg/L		06/01/22 19:39	06/02/22 17:58	1
<b>Barium</b>	<b>0.67</b>		0.50	0.050	mg/L		06/01/22 19:39	06/02/22 17:58	1
<b>Beryllium</b>	<b>0.011</b>		0.0040	0.0040	mg/L		06/01/22 19:39	06/02/22 17:58	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/22 19:39	06/02/22 17:58	1
<b>Chromium</b>	<b>0.21</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:58	1
<b>Cobalt</b>	<b>0.066</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:58	1
<b>Copper</b>	<b>0.22</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:58	1
<b>Iron</b>	<b>240</b>		0.40	0.20	mg/L		06/01/22 19:39	06/02/22 17:58	1
<b>Lead</b>	<b>0.10</b>		0.0075	0.0075	mg/L		06/01/22 19:39	06/02/22 17:58	1
<b>Manganese</b>	<b>0.75</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:58	1
<b>Nickel</b>	<b>0.22</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:58	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/22 19:39	06/02/22 17:58	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217166-1

**Client Sample ID: ROW-127(0-4)-052522D**

**Lab Sample ID: 500-217166-13**

Date Collected: 05/25/22 01:30

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 85.6

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 17:58	1
<b>Zinc</b>	<b>0.52</b>		0.50	0.020	mg/L		06/01/22 19:39	06/02/22 17:58	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>10000</b>		11	4.6	mg/Kg	☆	06/03/22 08:43	06/03/22 20:29	1
<b>Antimony</b>	<b>0.45</b>	<b>J</b>	1.1	0.22	mg/Kg	☆	06/03/22 08:43	06/03/22 20:29	1
<b>Arsenic</b>	<b>7.3</b>		0.56	0.19	mg/Kg	☆	06/03/22 08:43	06/03/22 20:29	1
<b>Barium</b>	<b>56</b>		0.56	0.064	mg/Kg	☆	06/03/22 08:43	06/03/22 20:29	1
<b>Beryllium</b>	<b>0.81</b>		0.22	0.052	mg/Kg	☆	06/03/22 08:43	06/03/22 20:29	1
Cadmium	<0.11		0.11	0.020	mg/Kg	☆	06/03/22 08:43	06/03/22 20:29	1
<b>Calcium</b>	<b>64000</b>		56	9.4	mg/Kg	☆	06/07/22 09:33	06/08/22 11:43	5
<b>Chromium</b>	<b>15</b>		0.56	0.28	mg/Kg	☆	06/03/22 08:43	06/03/22 20:29	1
<b>Cobalt</b>	<b>10</b>		0.28	0.073	mg/Kg	☆	06/03/22 08:43	06/03/22 20:29	1
<b>Copper</b>	<b>24</b>		0.56	0.16	mg/Kg	☆	06/07/22 09:33	06/07/22 19:41	1
<b>Iron</b>	<b>19000</b>	<b>B</b>	11	5.8	mg/Kg	☆	06/03/22 08:43	06/03/22 20:29	1
<b>Lead</b>	<b>13</b>		0.28	0.13	mg/Kg	☆	06/03/22 08:43	06/03/22 20:29	1
<b>Magnesium</b>	<b>23000</b>		5.6	2.8	mg/Kg	☆	06/03/22 08:43	06/03/22 20:29	1
<b>Manganese</b>	<b>240</b>	<b>B</b>	0.56	0.081	mg/Kg	☆	06/03/22 08:43	06/03/22 20:29	1
<b>Nickel</b>	<b>25</b>		0.56	0.16	mg/Kg	☆	06/03/22 08:43	06/03/22 20:29	1
<b>Potassium</b>	<b>1900</b>	<b>B</b>	28	9.9	mg/Kg	☆	06/03/22 08:43	06/03/22 20:29	1
Selenium	<0.56		0.56	0.33	mg/Kg	☆	06/03/22 08:43	06/03/22 20:29	1
<b>Silver</b>	<b>0.27</b>	<b>J</b>	0.28	0.072	mg/Kg	☆	06/03/22 08:43	06/03/22 20:29	1
<b>Sodium</b>	<b>1200</b>	<b>B</b>	56	8.3	mg/Kg	☆	06/03/22 08:43	06/03/22 20:29	1
<b>Thallium</b>	<b>0.65</b>		0.56	0.28	mg/Kg	☆	06/03/22 08:43	06/03/22 20:29	1
<b>Vanadium</b>	<b>19</b>		0.28	0.066	mg/Kg	☆	06/03/22 08:43	06/03/22 20:29	1
<b>Zinc</b>	<b>55</b>	<b>B</b>	1.1	0.49	mg/Kg	☆	06/03/22 08:43	06/03/22 20:29	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/22 15:10	06/02/22 11:52	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/22 15:10	06/02/22 14:34	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.021</b>		0.019	0.0064	mg/Kg	☆	06/01/22 14:20	06/02/22 12:27	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.2</b>		0.2	0.2	SU			06/01/22 15:27	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217166-1

**Client Sample ID: ROW-127(4-9)-052522**

**Lab Sample ID: 500-217166-14**

**Date Collected: 05/25/22 01:35**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 85.8**

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.020		0.020	0.0088	mg/Kg	☼	05/26/22 17:29	06/02/22 12:52	1
Benzene	<0.0020		0.0020	0.00052	mg/Kg	☼	05/26/22 17:29	06/02/22 12:52	1
Bromodichloromethane	<0.0020		0.0020	0.00041	mg/Kg	☼	05/26/22 17:29	06/02/22 12:52	1
Bromoform	<0.0020		0.0020	0.00059	mg/Kg	☼	05/26/22 17:29	06/02/22 12:52	1
Bromomethane	<0.0051		0.0051	0.0019	mg/Kg	☼	05/26/22 17:29	06/02/22 12:52	1
Carbon disulfide	<0.0051		0.0051	0.0011	mg/Kg	☼	05/26/22 17:29	06/02/22 12:52	1
Carbon tetrachloride	<0.0020	*+	0.0020	0.00059	mg/Kg	☼	05/26/22 17:29	06/02/22 12:52	1
Chlorobenzene	<0.0020		0.0020	0.00075	mg/Kg	☼	05/26/22 17:29	06/02/22 12:52	1
Chloroethane	<0.0051	*+	0.0051	0.0015	mg/Kg	☼	05/26/22 17:29	06/02/22 12:52	1
Chloroform	<0.0020		0.0020	0.00070	mg/Kg	☼	05/26/22 17:29	06/02/22 12:52	1
Chloromethane	<0.0051		0.0051	0.0020	mg/Kg	☼	05/26/22 17:29	06/02/22 12:52	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00057	mg/Kg	☼	05/26/22 17:29	06/02/22 12:52	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00061	mg/Kg	☼	05/26/22 17:29	06/02/22 12:52	1
Dibromochloromethane	<0.0020		0.0020	0.00066	mg/Kg	☼	05/26/22 17:29	06/02/22 12:52	1
1,1-Dichloroethane	<0.0020		0.0020	0.00070	mg/Kg	☼	05/26/22 17:29	06/02/22 12:52	1
1,2-Dichloroethane	<0.0051		0.0051	0.0016	mg/Kg	☼	05/26/22 17:29	06/02/22 12:52	1
1,1-Dichloroethene	<0.0020	*+	0.0020	0.00070	mg/Kg	☼	05/26/22 17:29	06/02/22 12:52	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg	☼	05/26/22 17:29	06/02/22 12:52	1
1,3-Dichloropropane, Total	<0.0020		0.0020	0.00071	mg/Kg	☼	05/26/22 17:29	06/02/22 12:52	1
Ethylbenzene	<0.0020		0.0020	0.00097	mg/Kg	☼	05/26/22 17:29	06/02/22 12:52	1
2-Hexanone	<0.0051		0.0051	0.0016	mg/Kg	☼	05/26/22 17:29	06/02/22 12:52	1
Methylene Chloride	<0.0051		0.0051	0.0020	mg/Kg	☼	05/26/22 17:29	06/02/22 12:52	1
Methyl Ethyl Ketone	<0.0051		0.0051	0.0023	mg/Kg	☼	05/26/22 17:29	06/02/22 12:52	1
methyl isobutyl ketone	<0.0051		0.0051	0.0015	mg/Kg	☼	05/26/22 17:29	06/02/22 12:52	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00060	mg/Kg	☼	05/26/22 17:29	06/02/22 12:52	1
Styrene	<0.0020		0.0020	0.00061	mg/Kg	☼	05/26/22 17:29	06/02/22 12:52	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00065	mg/Kg	☼	05/26/22 17:29	06/02/22 12:52	1
Tetrachloroethene	<0.0020		0.0020	0.00069	mg/Kg	☼	05/26/22 17:29	06/02/22 12:52	1
Toluene	<0.0020		0.0020	0.00051	mg/Kg	☼	05/26/22 17:29	06/02/22 12:52	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00090	mg/Kg	☼	05/26/22 17:29	06/02/22 12:52	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00071	mg/Kg	☼	05/26/22 17:29	06/02/22 12:52	1
1,1,1-Trichloroethane	<0.0020	*+	0.0020	0.00068	mg/Kg	☼	05/26/22 17:29	06/02/22 12:52	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00087	mg/Kg	☼	05/26/22 17:29	06/02/22 12:52	1
Trichloroethene	<0.0020		0.0020	0.00069	mg/Kg	☼	05/26/22 17:29	06/02/22 12:52	1
Vinyl chloride	<0.0020		0.0020	0.00090	mg/Kg	☼	05/26/22 17:29	06/02/22 12:52	1
Xylenes, Total	<0.0041		0.0041	0.00065	mg/Kg	☼	05/26/22 17:29	06/02/22 12:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		75 - 131	05/26/22 17:29	06/02/22 12:52	1
Dibromofluoromethane (Surr)	116		75 - 126	05/26/22 17:29	06/02/22 12:52	1
1,2-Dichloroethane-d4 (Surr)	118		70 - 134	05/26/22 17:29	06/02/22 12:52	1
Toluene-d8 (Surr)	128	S1+	75 - 124	05/26/22 17:29	06/02/22 12:52	1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	☼	06/07/22 14:25	06/09/22 14:44	1
1,2-Dichlorobenzene	<0.19		0.19	0.044	mg/Kg	☼	06/07/22 14:25	06/09/22 14:44	1
1,3-Dichlorobenzene	<0.19		0.19	0.041	mg/Kg	☼	06/07/22 14:25	06/09/22 14:44	1
1,4-Dichlorobenzene	<0.19		0.19	0.047	mg/Kg	☼	06/07/22 14:25	06/09/22 14:44	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	☼	06/07/22 14:25	06/09/22 14:44	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217166-1

Client Sample ID: ROW-127(4-9)-052522

Lab Sample ID: 500-217166-14

Date Collected: 05/25/22 01:35

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 85.8

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.084	mg/Kg	✳	06/07/22 14:25	06/09/22 14:44	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	✳	06/07/22 14:25	06/09/22 14:44	1
2,4-Dichlorophenol	<0.37		0.37	0.087	mg/Kg	✳	06/07/22 14:25	06/09/22 14:44	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	✳	06/07/22 14:25	06/09/22 14:44	1
2,4-Dinitrophenol	<0.74		0.74	0.65	mg/Kg	✳	06/07/22 14:25	06/09/22 14:44	1
2,4-Dinitrotoluene	<0.19		0.19	0.059	mg/Kg	✳	06/07/22 14:25	06/09/22 14:44	1
2,6-Dinitrotoluene	<0.19		0.19	0.072	mg/Kg	✳	06/07/22 14:25	06/09/22 14:44	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	✳	06/07/22 14:25	06/09/22 14:44	1
2-Chlorophenol	<0.19		0.19	0.063	mg/Kg	✳	06/07/22 14:25	06/09/22 14:44	1
2-Methylnaphthalene	<0.074		0.074	0.0068	mg/Kg	✳	06/07/22 14:25	06/09/22 14:44	1
2-Methylphenol	<0.19		0.19	0.059	mg/Kg	✳	06/07/22 14:25	06/09/22 14:44	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	✳	06/07/22 14:25	06/09/22 14:44	1
2-Nitrophenol	<0.37		0.37	0.087	mg/Kg	✳	06/07/22 14:25	06/09/22 14:44	1
3 & 4 Methylphenol	<0.19		0.19	0.061	mg/Kg	✳	06/07/22 14:25	06/09/22 14:44	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.052	mg/Kg	✳	06/07/22 14:25	06/09/22 14:44	1
3-Nitroaniline	<0.37		0.37	0.11	mg/Kg	✳	06/07/22 14:25	06/09/22 14:44	1
4,6-Dinitro-2-methylphenol	<0.74		0.74	0.30	mg/Kg	✳	06/07/22 14:25	06/09/22 14:44	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	✳	06/07/22 14:25	06/09/22 14:44	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	✳	06/07/22 14:25	06/09/22 14:44	1
4-Chloroaniline	<0.74		0.74	0.17	mg/Kg	✳	06/07/22 14:25	06/09/22 14:44	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.043	mg/Kg	✳	06/07/22 14:25	06/09/22 14:44	1
4-Nitroaniline	<0.37		0.37	0.15	mg/Kg	✳	06/07/22 14:25	06/09/22 14:44	1
4-Nitrophenol	<0.74		0.74	0.35	mg/Kg	✳	06/07/22 14:25	06/09/22 14:44	1
Acenaphthene	<0.037		0.037	0.0066	mg/Kg	✳	06/07/22 14:25	06/09/22 14:44	1
Acenaphthylene	<0.037		0.037	0.0049	mg/Kg	✳	06/07/22 14:25	06/09/22 14:44	1
Anthracene	<0.037		0.037	0.0062	mg/Kg	✳	06/07/22 14:25	06/09/22 14:44	1
<b>Benzo[a]anthracene</b>	<b>0.013</b>	<b>J</b>	0.037	0.0050	mg/Kg	✳	06/07/22 14:25	06/09/22 14:44	1
<b>Benzo[a]pyrene</b>	<b>0.017</b>	<b>J *3</b>	0.037	0.0071	mg/Kg	✳	06/07/22 14:25	06/09/22 14:44	1
<b>Benzo[b]fluoranthene</b>	<b>0.036</b>	<b>J *3</b>	0.037	0.0079	mg/Kg	✳	06/07/22 14:25	06/09/22 14:44	1
<b>Benzo[g,h,i]perylene</b>	<b>0.017</b>	<b>J *3</b>	0.037	0.012	mg/Kg	✳	06/07/22 14:25	06/09/22 14:44	1
Benzo[k]fluoranthene	<0.037	*3	0.037	0.011	mg/Kg	✳	06/07/22 14:25	06/09/22 14:44	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	✳	06/07/22 14:25	06/09/22 14:44	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.055	mg/Kg	✳	06/07/22 14:25	06/09/22 14:44	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.067	mg/Kg	✳	06/07/22 14:25	06/09/22 14:44	1
Butyl benzyl phthalate	<0.19		0.19	0.070	mg/Kg	✳	06/07/22 14:25	06/09/22 14:44	1
Carbazole	<0.19		0.19	0.092	mg/Kg	✳	06/07/22 14:25	06/09/22 14:44	1
<b>Chrysene</b>	<b>0.034</b>	<b>J</b>	0.037	0.010	mg/Kg	✳	06/07/22 14:25	06/09/22 14:44	1
Dibenz(a,h)anthracene	<0.037	*3	0.037	0.0071	mg/Kg	✳	06/07/22 14:25	06/09/22 14:44	1
Dibenzofuran	<0.19		0.19	0.043	mg/Kg	✳	06/07/22 14:25	06/09/22 14:44	1
Diethyl phthalate	<0.19		0.19	0.062	mg/Kg	✳	06/07/22 14:25	06/09/22 14:44	1
Dimethyl phthalate	<0.19		0.19	0.048	mg/Kg	✳	06/07/22 14:25	06/09/22 14:44	1
Di-n-butyl phthalate	<0.19		0.19	0.056	mg/Kg	✳	06/07/22 14:25	06/09/22 14:44	1
Di-n-octyl phthalate	<0.19		0.19	0.060	mg/Kg	✳	06/07/22 14:25	06/09/22 14:44	1
<b>Fluoranthene</b>	<b>0.037</b>		0.037	0.0068	mg/Kg	✳	06/07/22 14:25	06/09/22 14:44	1
Fluorene	<0.037		0.037	0.0052	mg/Kg	✳	06/07/22 14:25	06/09/22 14:44	1
Hexachlorobenzene	<0.074		0.074	0.0085	mg/Kg	✳	06/07/22 14:25	06/09/22 14:44	1
Hexachlorobutadiene	<0.19		0.19	0.058	mg/Kg	✳	06/07/22 14:25	06/09/22 14:44	1
Hexachlorocyclopentadiene	<0.74		0.74	0.21	mg/Kg	✳	06/07/22 14:25	06/09/22 14:44	1
Hexachloroethane	<0.19		0.19	0.056	mg/Kg	✳	06/07/22 14:25	06/09/22 14:44	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217166-1

**Client Sample ID: ROW-127(4-9)-052522**

**Lab Sample ID: 500-217166-14**

Date Collected: 05/25/22 01:35

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 85.8

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.010</b>	<b>J*3</b>	0.037	0.0095	mg/Kg	☼	06/07/22 14:25	06/09/22 14:44	1
Isophorone	<0.19		0.19	0.041	mg/Kg	☼	06/07/22 14:25	06/09/22 14:44	1
Naphthalene	<0.037		0.037	0.0057	mg/Kg	☼	06/07/22 14:25	06/09/22 14:44	1
Nitrobenzene	<0.037		0.037	0.0092	mg/Kg	☼	06/07/22 14:25	06/09/22 14:44	1
N-Nitrosodi-n-propylamine	<0.074		0.074	0.045	mg/Kg	☼	06/07/22 14:25	06/09/22 14:44	1
N-Nitrosodiphenylamine	<0.19		0.19	0.043	mg/Kg	☼	06/07/22 14:25	06/09/22 14:44	1
Pentachlorophenol	<0.74		0.74	0.59	mg/Kg	☼	06/07/22 14:25	06/09/22 14:44	1
<b>Phenanthrene</b>	<b>0.044</b>		0.037	0.0051	mg/Kg	☼	06/07/22 14:25	06/09/22 14:44	1
Phenol	<0.19		0.19	0.082	mg/Kg	☼	06/07/22 14:25	06/09/22 14:44	1
<b>Pyrene</b>	<b>0.047</b>		0.037	0.0073	mg/Kg	☼	06/07/22 14:25	06/09/22 14:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	64		31 - 143				06/07/22 14:25	06/09/22 14:44	1
2-Fluorobiphenyl (Surr)	82		43 - 145				06/07/22 14:25	06/09/22 14:44	1
2-Fluorophenol (Surr)	81		31 - 166				06/07/22 14:25	06/09/22 14:44	1
Nitrobenzene-d5 (Surr)	99		37 - 147				06/07/22 14:25	06/09/22 14:44	1
Phenol-d5 (Surr)	82		30 - 153				06/07/22 14:25	06/09/22 14:44	1
Terphenyl-d14 (Surr)	102		42 - 157				06/07/22 14:25	06/09/22 14:44	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/01/22 19:36	06/02/22 15:27	1
<b>Barium</b>	<b>0.29</b>	<b>J</b>	0.50	0.050	mg/L		06/01/22 19:36	06/02/22 15:27	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/01/22 19:36	06/02/22 15:27	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/22 19:36	06/02/22 15:27	1
Chromium	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:27	1
Cobalt	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:27	1
<b>Copper</b>	<b>0.013</b>	<b>J</b>	0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:27	1
Iron	<0.40		0.40	0.20	mg/L		06/01/22 19:36	06/02/22 15:27	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/01/22 19:36	06/02/22 15:27	1
<b>Manganese</b>	<b>0.91</b>		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:27	1
Nickel	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:27	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/22 19:36	06/02/22 15:27	1
Silver	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:27	1
Zinc	<0.50		0.50	0.020	mg/L		06/01/22 19:36	06/02/22 15:27	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.083</b>		0.050	0.010	mg/L		06/01/22 19:39	06/02/22 18:01	1
<b>Barium</b>	<b>0.25</b>	<b>J</b>	0.50	0.050	mg/L		06/01/22 19:39	06/02/22 18:01	1
<b>Beryllium</b>	<b>0.0067</b>		0.0040	0.0040	mg/L		06/01/22 19:39	06/02/22 18:01	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/22 19:39	06/02/22 18:01	1
<b>Chromium</b>	<b>0.13</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 18:01	1
<b>Cobalt</b>	<b>0.037</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 18:01	1
<b>Copper</b>	<b>0.16</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 18:01	1
<b>Iron</b>	<b>160</b>		0.40	0.20	mg/L		06/01/22 19:39	06/02/22 18:01	1
<b>Lead</b>	<b>0.066</b>		0.0075	0.0075	mg/L		06/01/22 19:39	06/02/22 18:01	1
<b>Manganese</b>	<b>0.45</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 18:01	1
<b>Nickel</b>	<b>0.15</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 18:01	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/22 19:39	06/02/22 18:01	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217166-1

**Client Sample ID: ROW-127(4-9)-052522**

**Lab Sample ID: 500-217166-14**

Date Collected: 05/25/22 01:35

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 85.8

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 18:01	1
<b>Zinc</b>	<b>0.36</b>	<b>J</b>	0.50	0.020	mg/L		06/01/22 19:39	06/02/22 18:01	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>9300</b>		11	4.6	mg/Kg	☆	06/03/22 08:43	06/03/22 20:33	1
<b>Antimony</b>	<b>0.35</b>	<b>J</b>	1.1	0.22	mg/Kg	☆	06/03/22 08:43	06/03/22 20:33	1
<b>Arsenic</b>	<b>7.5</b>		0.57	0.19	mg/Kg	☆	06/03/22 08:43	06/03/22 20:33	1
<b>Barium</b>	<b>29</b>		0.57	0.065	mg/Kg	☆	06/03/22 08:43	06/03/22 20:33	1
<b>Beryllium</b>	<b>0.74</b>		0.23	0.053	mg/Kg	☆	06/03/22 08:43	06/03/22 20:33	1
Cadmium	<0.11		0.11	0.020	mg/Kg	☆	06/03/22 08:43	06/03/22 20:33	1
<b>Calcium</b>	<b>68000</b>		57	9.7	mg/Kg	☆	06/07/22 09:33	06/08/22 11:46	5
<b>Chromium</b>	<b>14</b>		0.57	0.28	mg/Kg	☆	06/03/22 08:43	06/03/22 20:33	1
<b>Cobalt</b>	<b>13</b>		0.28	0.074	mg/Kg	☆	06/03/22 08:43	06/03/22 20:33	1
<b>Copper</b>	<b>22</b>		0.57	0.16	mg/Kg	☆	06/07/22 09:33	06/07/22 19:45	1
<b>Iron</b>	<b>19000</b>	<b>B</b>	11	5.9	mg/Kg	☆	06/03/22 08:43	06/03/22 20:33	1
<b>Lead</b>	<b>15</b>		0.28	0.13	mg/Kg	☆	06/03/22 08:43	06/03/22 20:33	1
<b>Magnesium</b>	<b>29000</b>		5.7	2.8	mg/Kg	☆	06/03/22 08:43	06/03/22 20:33	1
<b>Manganese</b>	<b>390</b>	<b>B</b>	0.57	0.082	mg/Kg	☆	06/03/22 08:43	06/03/22 20:33	1
<b>Nickel</b>	<b>30</b>		0.57	0.17	mg/Kg	☆	06/03/22 08:43	06/03/22 20:33	1
<b>Potassium</b>	<b>2300</b>	<b>B</b>	28	10	mg/Kg	☆	06/03/22 08:43	06/03/22 20:33	1
Selenium	<0.57		0.57	0.33	mg/Kg	☆	06/03/22 08:43	06/03/22 20:33	1
<b>Silver</b>	<b>0.30</b>		0.28	0.073	mg/Kg	☆	06/03/22 08:43	06/03/22 20:33	1
<b>Sodium</b>	<b>560</b>	<b>B</b>	57	8.4	mg/Kg	☆	06/03/22 08:43	06/03/22 20:33	1
<b>Thallium</b>	<b>0.42</b>	<b>J</b>	0.57	0.28	mg/Kg	☆	06/03/22 08:43	06/03/22 20:33	1
<b>Vanadium</b>	<b>18</b>		0.28	0.067	mg/Kg	☆	06/03/22 08:43	06/03/22 20:33	1
<b>Zinc</b>	<b>57</b>	<b>B</b>	1.1	0.50	mg/Kg	☆	06/03/22 08:43	06/03/22 20:33	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/22 15:10	06/02/22 11:54	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/22 15:10	06/02/22 14:36	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.018</b>		0.018	0.0060	mg/Kg	☆	06/01/22 14:20	06/02/22 12:29	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>7.9</b>		0.2	0.2	SU			06/01/22 15:30	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217166-1

**Client Sample ID: ROW-128(0-4)-052522**

**Lab Sample ID: 500-217166-15**

**Date Collected: 05/25/22 01:40**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 85.7**

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015		0.015	0.0064	mg/Kg	✳	05/26/22 17:29	06/02/22 13:16	1
Benzene	<0.0015		0.0015	0.00038	mg/Kg	✳	05/26/22 17:29	06/02/22 13:16	1
Bromodichloromethane	<0.0015		0.0015	0.00030	mg/Kg	✳	05/26/22 17:29	06/02/22 13:16	1
Bromoform	<0.0015		0.0015	0.00043	mg/Kg	✳	05/26/22 17:29	06/02/22 13:16	1
Bromomethane	<0.0037		0.0037	0.0014	mg/Kg	✳	05/26/22 17:29	06/02/22 13:16	1
Carbon disulfide	<0.0037		0.0037	0.00077	mg/Kg	✳	05/26/22 17:29	06/02/22 13:16	1
Carbon tetrachloride	<0.0015	*+	0.0015	0.00043	mg/Kg	✳	05/26/22 17:29	06/02/22 13:16	1
Chlorobenzene	<0.0015		0.0015	0.00055	mg/Kg	✳	05/26/22 17:29	06/02/22 13:16	1
Chloroethane	<0.0037	*+	0.0037	0.0011	mg/Kg	✳	05/26/22 17:29	06/02/22 13:16	1
Chloroform	<0.0015		0.0015	0.00051	mg/Kg	✳	05/26/22 17:29	06/02/22 13:16	1
Chloromethane	<0.0037		0.0037	0.0015	mg/Kg	✳	05/26/22 17:29	06/02/22 13:16	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00041	mg/Kg	✳	05/26/22 17:29	06/02/22 13:16	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00045	mg/Kg	✳	05/26/22 17:29	06/02/22 13:16	1
Dibromochloromethane	<0.0015		0.0015	0.00048	mg/Kg	✳	05/26/22 17:29	06/02/22 13:16	1
1,1-Dichloroethane	<0.0015		0.0015	0.00051	mg/Kg	✳	05/26/22 17:29	06/02/22 13:16	1
1,2-Dichloroethane	<0.0037		0.0037	0.0012	mg/Kg	✳	05/26/22 17:29	06/02/22 13:16	1
1,1-Dichloroethene	<0.0015	*+	0.0015	0.00051	mg/Kg	✳	05/26/22 17:29	06/02/22 13:16	1
1,2-Dichloropropane	<0.0015		0.0015	0.00038	mg/Kg	✳	05/26/22 17:29	06/02/22 13:16	1
1,3-Dichloropropene, Total	<0.0015		0.0015	0.00052	mg/Kg	✳	05/26/22 17:29	06/02/22 13:16	1
Ethylbenzene	<0.0015		0.0015	0.00071	mg/Kg	✳	05/26/22 17:29	06/02/22 13:16	1
2-Hexanone	<0.0037		0.0037	0.0012	mg/Kg	✳	05/26/22 17:29	06/02/22 13:16	1
Methylene Chloride	<0.0037		0.0037	0.0015	mg/Kg	✳	05/26/22 17:29	06/02/22 13:16	1
Methyl Ethyl Ketone	<0.0037		0.0037	0.0016	mg/Kg	✳	05/26/22 17:29	06/02/22 13:16	1
methyl isobutyl ketone	<0.0037		0.0037	0.0011	mg/Kg	✳	05/26/22 17:29	06/02/22 13:16	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00043	mg/Kg	✳	05/26/22 17:29	06/02/22 13:16	1
Styrene	<0.0015		0.0015	0.00045	mg/Kg	✳	05/26/22 17:29	06/02/22 13:16	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00047	mg/Kg	✳	05/26/22 17:29	06/02/22 13:16	1
Tetrachloroethene	<0.0015		0.0015	0.00050	mg/Kg	✳	05/26/22 17:29	06/02/22 13:16	1
Toluene	<0.0015		0.0015	0.00037	mg/Kg	✳	05/26/22 17:29	06/02/22 13:16	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00066	mg/Kg	✳	05/26/22 17:29	06/02/22 13:16	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00052	mg/Kg	✳	05/26/22 17:29	06/02/22 13:16	1
1,1,1-Trichloroethane	<0.0015	*+	0.0015	0.00050	mg/Kg	✳	05/26/22 17:29	06/02/22 13:16	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00064	mg/Kg	✳	05/26/22 17:29	06/02/22 13:16	1
Trichloroethene	<0.0015		0.0015	0.00050	mg/Kg	✳	05/26/22 17:29	06/02/22 13:16	1
Vinyl chloride	<0.0015		0.0015	0.00066	mg/Kg	✳	05/26/22 17:29	06/02/22 13:16	1
Xylenes, Total	<0.0030		0.0030	0.00047	mg/Kg	✳	05/26/22 17:29	06/02/22 13:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		75 - 131	05/26/22 17:29	06/02/22 13:16	1
Dibromofluoromethane (Surr)	119		75 - 126	05/26/22 17:29	06/02/22 13:16	1
1,2-Dichloroethane-d4 (Surr)	115		70 - 134	05/26/22 17:29	06/02/22 13:16	1
Toluene-d8 (Surr)	129	S1+	75 - 124	05/26/22 17:29	06/02/22 13:16	1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
2,2'-oxybis[1-chloropropane]	<0.19	F1	0.19	0.045	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217166-1

**Client Sample ID: ROW-128(0-4)-052522**

**Lab Sample ID: 500-217166-15**

**Date Collected: 05/25/22 01:40**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 85.7**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38	F1	0.38	0.088	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
2,4-Dichlorophenol	<0.38		0.38	0.091	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
2,4-Dimethylphenol	<0.38		0.38	0.15	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
2,4-Dinitrophenol	<0.78		0.78	0.68	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
2,4-Dinitrotoluene	<0.19		0.19	0.061	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
2,6-Dinitrotoluene	<0.19		0.19	0.076	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
2-Chloronaphthalene	<0.19		0.19	0.043	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
2-Chlorophenol	<0.19		0.19	0.066	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
2-Methylnaphthalene	<0.078		0.078	0.0071	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
2-Methylphenol	<0.19		0.19	0.062	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
2-Nitroaniline	<0.19		0.19	0.052	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
2-Nitrophenol	<0.38		0.38	0.091	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
3 & 4 Methylphenol	<0.19		0.19	0.064	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.054	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
4,6-Dinitro-2-methylphenol	<0.78		0.78	0.31	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.051	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
4-Chloroaniline	<0.78		0.78	0.18	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
4-Nitrophenol	<0.78	F1	0.78	0.37	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
Acenaphthene	<0.038		0.038	0.0069	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
Acenaphthylene	<0.038		0.038	0.0051	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
Anthracene	<0.038		0.038	0.0064	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
Benzo[a]anthracene	<0.038		0.038	0.0052	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
Benzo[a]pyrene	<0.038		0.038	0.0075	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
Benzo[b]fluoranthene	<0.038		0.038	0.0083	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
Benzo[g,h,i]perylene	<0.038	F1	0.038	0.012	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
Benzo[k]fluoranthene	<0.038		0.038	0.011	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.058	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.070	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
Butyl benzyl phthalate	<0.19		0.19	0.073	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
Carbazole	<0.19		0.19	0.096	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
Chrysene	<0.038		0.038	0.011	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
Dibenz(a,h)anthracene	<0.038	F1	0.038	0.0074	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
Diethyl phthalate	<0.19		0.19	0.065	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
Dimethyl phthalate	<0.19	F1	0.19	0.050	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
Di-n-butyl phthalate	<0.19		0.19	0.059	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
Di-n-octyl phthalate	<0.19		0.19	0.063	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
Fluoranthene	<0.038		0.038	0.0071	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
Fluorene	<0.038		0.038	0.0054	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
Hexachlorobenzene	<0.078		0.078	0.0089	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
Hexachlorobutadiene	<0.19		0.19	0.061	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
Hexachlorocyclopentadiene	<0.78	F1	0.78	0.22	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1
Hexachloroethane	<0.19		0.19	0.059	mg/Kg	✳	06/07/22 14:25	06/09/22 15:05	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217166-1

**Client Sample ID: ROW-128(0-4)-052522**

**Lab Sample ID: 500-217166-15**

**Date Collected: 05/25/22 01:40**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 85.7**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.038	F1	0.038	0.010	mg/Kg	☼	06/07/22 14:25	06/09/22 15:05	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	06/07/22 14:25	06/09/22 15:05	1
Naphthalene	<0.038		0.038	0.0059	mg/Kg	☼	06/07/22 14:25	06/09/22 15:05	1
Nitrobenzene	<0.038		0.038	0.0096	mg/Kg	☼	06/07/22 14:25	06/09/22 15:05	1
N-Nitrosodi-n-propylamine	<0.078		0.078	0.047	mg/Kg	☼	06/07/22 14:25	06/09/22 15:05	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	☼	06/07/22 14:25	06/09/22 15:05	1
Pentachlorophenol	<0.78		0.78	0.62	mg/Kg	☼	06/07/22 14:25	06/09/22 15:05	1
Phenanthrene	<0.038		0.038	0.0054	mg/Kg	☼	06/07/22 14:25	06/09/22 15:05	1
Phenol	<0.19		0.19	0.086	mg/Kg	☼	06/07/22 14:25	06/09/22 15:05	1
<b>Pyrene</b>	<b>0.0099</b>	<b>J</b>	0.038	0.0077	mg/Kg	☼	06/07/22 14:25	06/09/22 15:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	67		31 - 143	06/07/22 14:25	06/09/22 15:05	1
2-Fluorobiphenyl (Surr)	77		43 - 145	06/07/22 14:25	06/09/22 15:05	1
2-Fluorophenol (Surr)	84		31 - 166	06/07/22 14:25	06/09/22 15:05	1
Nitrobenzene-d5 (Surr)	82		37 - 147	06/07/22 14:25	06/09/22 15:05	1
Phenol-d5 (Surr)	87		30 - 153	06/07/22 14:25	06/09/22 15:05	1
Terphenyl-d14 (Surr)	96		42 - 157	06/07/22 14:25	06/09/22 15:05	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/01/22 19:36	06/02/22 15:41	1
<b>Barium</b>	<b>0.22</b>	<b>J</b>	0.50	0.050	mg/L		06/01/22 19:36	06/02/22 15:41	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/01/22 19:36	06/02/22 15:41	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/22 19:36	06/02/22 15:41	1
Chromium	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:41	1
Cobalt	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:41	1
Copper	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:41	1
Iron	<0.40		0.40	0.20	mg/L		06/01/22 19:36	06/02/22 15:41	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/01/22 19:36	06/02/22 15:41	1
<b>Manganese</b>	<b>2.3</b>		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:41	1
Nickel	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:41	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/22 19:36	06/02/22 15:41	1
Silver	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:41	1
Zinc	<0.50		0.50	0.020	mg/L		06/01/22 19:36	06/02/22 15:41	1

**Method: 6010B - Metals (ICP) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.13</b>		0.050	0.010	mg/L		06/01/22 19:39	06/02/22 18:04	1
<b>Barium</b>	<b>0.38</b>	<b>J</b>	0.50	0.050	mg/L		06/01/22 19:39	06/02/22 18:04	1
<b>Beryllium</b>	<b>0.0078</b>		0.0040	0.0040	mg/L		06/01/22 19:39	06/02/22 18:04	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/22 19:39	06/02/22 18:04	1
<b>Chromium</b>	<b>0.15</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 18:04	1
<b>Cobalt</b>	<b>0.081</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 18:04	1
<b>Copper</b>	<b>0.27</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 18:04	1
<b>Iron</b>	<b>230</b>		0.40	0.20	mg/L		06/01/22 19:39	06/02/22 18:04	1
<b>Lead</b>	<b>0.11</b>		0.0075	0.0075	mg/L		06/01/22 19:39	06/02/22 18:04	1
<b>Manganese</b>	<b>1.0</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 18:04	1
<b>Nickel</b>	<b>0.20</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 18:04	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/22 19:39	06/02/22 18:04	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217166-1

**Client Sample ID: ROW-128(0-4)-052522**

**Lab Sample ID: 500-217166-15**

Date Collected: 05/25/22 01:40

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 85.7

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 18:04	1
<b>Zinc</b>	<b>0.50</b>		0.50	0.020	mg/L		06/01/22 19:39	06/02/22 18:04	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>6100</b>		11	4.6	mg/Kg	☆	06/03/22 08:43	06/03/22 20:36	1
<b>Antimony</b>	<b>0.39</b>	<b>J</b>	1.1	0.22	mg/Kg	☆	06/03/22 08:43	06/03/22 20:36	1
<b>Arsenic</b>	<b>9.5</b>		0.57	0.19	mg/Kg	☆	06/03/22 08:43	06/03/22 20:36	1
<b>Barium</b>	<b>30</b>		0.57	0.065	mg/Kg	☆	06/03/22 08:43	06/03/22 20:36	1
<b>Beryllium</b>	<b>0.53</b>		0.23	0.053	mg/Kg	☆	06/03/22 08:43	06/03/22 20:36	1
Cadmium	<0.11		0.11	0.020	mg/Kg	☆	06/03/22 08:43	06/03/22 20:36	1
<b>Calcium</b>	<b>72000</b>		55	9.3	mg/Kg	☆	06/07/22 09:33	06/08/22 11:49	5
<b>Chromium</b>	<b>9.7</b>		0.57	0.28	mg/Kg	☆	06/03/22 08:43	06/03/22 20:36	1
<b>Cobalt</b>	<b>11</b>		0.28	0.074	mg/Kg	☆	06/03/22 08:43	06/03/22 20:36	1
<b>Copper</b>	<b>25</b>		0.55	0.15	mg/Kg	☆	06/07/22 09:33	06/07/22 19:48	1
<b>Iron</b>	<b>16000</b>	<b>B</b>	11	5.9	mg/Kg	☆	06/03/22 08:43	06/03/22 20:36	1
<b>Lead</b>	<b>14</b>		0.28	0.13	mg/Kg	☆	06/03/22 08:43	06/03/22 20:36	1
<b>Magnesium</b>	<b>33000</b>		5.7	2.8	mg/Kg	☆	06/03/22 08:43	06/03/22 20:36	1
<b>Manganese</b>	<b>470</b>	<b>B</b>	0.57	0.082	mg/Kg	☆	06/03/22 08:43	06/03/22 20:36	1
<b>Nickel</b>	<b>24</b>		0.57	0.16	mg/Kg	☆	06/03/22 08:43	06/03/22 20:36	1
<b>Potassium</b>	<b>1200</b>	<b>B</b>	28	10	mg/Kg	☆	06/03/22 08:43	06/03/22 20:36	1
Selenium	<0.57		0.57	0.33	mg/Kg	☆	06/03/22 08:43	06/03/22 20:36	1
<b>Silver</b>	<b>0.23</b>	<b>J</b>	0.28	0.073	mg/Kg	☆	06/03/22 08:43	06/03/22 20:36	1
<b>Sodium</b>	<b>910</b>	<b>B</b>	57	8.4	mg/Kg	☆	06/03/22 08:43	06/03/22 20:36	1
<b>Thallium</b>	<b>0.50</b>	<b>J</b>	0.57	0.28	mg/Kg	☆	06/03/22 08:43	06/03/22 20:36	1
<b>Vanadium</b>	<b>14</b>		0.28	0.067	mg/Kg	☆	06/03/22 08:43	06/03/22 20:36	1
<b>Zinc</b>	<b>44</b>	<b>B</b>	1.1	0.50	mg/Kg	☆	06/03/22 08:43	06/03/22 20:36	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/22 15:10	06/02/22 12:03	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/22 15:10	06/02/22 14:38	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.026</b>		0.019	0.0062	mg/Kg	☆	06/01/22 14:20	06/02/22 12:31	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.7</b>		0.2	0.2	SU			06/01/22 15:32	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217166-1

**Client Sample ID: ROW-128(4-9)-052522**

**Lab Sample ID: 500-217166-16**

**Date Collected: 05/25/22 01:45**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 86.0**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0075	mg/Kg	☼	05/26/22 17:29	06/02/22 13:41	1
Benzene	<0.0017		0.0017	0.00044	mg/Kg	☼	05/26/22 17:29	06/02/22 13:41	1
Bromodichloromethane	<0.0017		0.0017	0.00035	mg/Kg	☼	05/26/22 17:29	06/02/22 13:41	1
Bromoform	<0.0017		0.0017	0.00050	mg/Kg	☼	05/26/22 17:29	06/02/22 13:41	1
Bromomethane	<0.0043		0.0043	0.0016	mg/Kg	☼	05/26/22 17:29	06/02/22 13:41	1
Carbon disulfide	<0.0043		0.0043	0.00089	mg/Kg	☼	05/26/22 17:29	06/02/22 13:41	1
Carbon tetrachloride	<0.0017	*+	0.0017	0.00050	mg/Kg	☼	05/26/22 17:29	06/02/22 13:41	1
Chlorobenzene	<0.0017		0.0017	0.00063	mg/Kg	☼	05/26/22 17:29	06/02/22 13:41	1
Chloroethane	<0.0043	*+	0.0043	0.0013	mg/Kg	☼	05/26/22 17:29	06/02/22 13:41	1
Chloroform	<0.0017		0.0017	0.00059	mg/Kg	☼	05/26/22 17:29	06/02/22 13:41	1
Chloromethane	<0.0043		0.0043	0.0017	mg/Kg	☼	05/26/22 17:29	06/02/22 13:41	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00048	mg/Kg	☼	05/26/22 17:29	06/02/22 13:41	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00052	mg/Kg	☼	05/26/22 17:29	06/02/22 13:41	1
Dibromochloromethane	<0.0017		0.0017	0.00056	mg/Kg	☼	05/26/22 17:29	06/02/22 13:41	1
1,1-Dichloroethane	<0.0017		0.0017	0.00059	mg/Kg	☼	05/26/22 17:29	06/02/22 13:41	1
1,2-Dichloroethane	<0.0043		0.0043	0.0013	mg/Kg	☼	05/26/22 17:29	06/02/22 13:41	1
1,1-Dichloroethene	<0.0017	*+	0.0017	0.00059	mg/Kg	☼	05/26/22 17:29	06/02/22 13:41	1
1,2-Dichloropropane	<0.0017		0.0017	0.00044	mg/Kg	☼	05/26/22 17:29	06/02/22 13:41	1
1,3-Dichloropropane, Total	<0.0017		0.0017	0.00060	mg/Kg	☼	05/26/22 17:29	06/02/22 13:41	1
Ethylbenzene	<0.0017		0.0017	0.00082	mg/Kg	☼	05/26/22 17:29	06/02/22 13:41	1
2-Hexanone	<0.0043		0.0043	0.0013	mg/Kg	☼	05/26/22 17:29	06/02/22 13:41	1
Methylene Chloride	<0.0043		0.0043	0.0017	mg/Kg	☼	05/26/22 17:29	06/02/22 13:41	1
Methyl Ethyl Ketone	<0.0043		0.0043	0.0019	mg/Kg	☼	05/26/22 17:29	06/02/22 13:41	1
methyl isobutyl ketone	<0.0043		0.0043	0.0013	mg/Kg	☼	05/26/22 17:29	06/02/22 13:41	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00050	mg/Kg	☼	05/26/22 17:29	06/02/22 13:41	1
Styrene	<0.0017		0.0017	0.00052	mg/Kg	☼	05/26/22 17:29	06/02/22 13:41	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00055	mg/Kg	☼	05/26/22 17:29	06/02/22 13:41	1
Tetrachloroethene	<0.0017		0.0017	0.00058	mg/Kg	☼	05/26/22 17:29	06/02/22 13:41	1
Toluene	<0.0017		0.0017	0.00043	mg/Kg	☼	05/26/22 17:29	06/02/22 13:41	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00076	mg/Kg	☼	05/26/22 17:29	06/02/22 13:41	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00060	mg/Kg	☼	05/26/22 17:29	06/02/22 13:41	1
1,1,1-Trichloroethane	<0.0017	*+	0.0017	0.00057	mg/Kg	☼	05/26/22 17:29	06/02/22 13:41	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00073	mg/Kg	☼	05/26/22 17:29	06/02/22 13:41	1
Trichloroethene	<0.0017		0.0017	0.00058	mg/Kg	☼	05/26/22 17:29	06/02/22 13:41	1
Vinyl chloride	<0.0017		0.0017	0.00076	mg/Kg	☼	05/26/22 17:29	06/02/22 13:41	1
Xylenes, Total	<0.0034		0.0034	0.00055	mg/Kg	☼	05/26/22 17:29	06/02/22 13:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	75		75 - 131	05/26/22 17:29	06/02/22 13:41	1
Dibromofluoromethane (Surr)	126		75 - 126	05/26/22 17:29	06/02/22 13:41	1
1,2-Dichloroethane-d4 (Surr)	119		70 - 134	05/26/22 17:29	06/02/22 13:41	1
Toluene-d8 (Surr)	130	S1+	75 - 124	05/26/22 17:29	06/02/22 13:41	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217166-1

**Client Sample ID: ROW-128(4-9)-052522**

**Lab Sample ID: 500-217166-16**

Date Collected: 05/25/22 01:45

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 86.0

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.086	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
2,4-Dichlorophenol	<0.37		0.37	0.089	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
2,4-Dinitrophenol	<0.76		0.76	0.66	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
2,4-Dinitrotoluene	<0.19		0.19	0.060	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
2,6-Dinitrotoluene	<0.19		0.19	0.074	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
2-Chlorophenol	<0.19		0.19	0.064	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
2-Methylnaphthalene	<0.076		0.076	0.0069	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
2-Nitrophenol	<0.37		0.37	0.089	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
3 & 4 Methylphenol	<0.19		0.19	0.063	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.053	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.30	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
4-Chloroaniline	<0.76		0.76	0.18	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
4-Nitrophenol	<0.76		0.76	0.36	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
Acenaphthene	<0.037		0.037	0.0068	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
Acenaphthylene	<0.037		0.037	0.0050	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
Anthracene	<0.037		0.037	0.0063	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
<b>Benzo[a]anthracene</b>	<b>0.0060</b>	<b>J</b>	0.037	0.0051	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
Benzo[a]pyrene	<0.037	*3	0.037	0.0073	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
<b>Benzo[b]fluoranthene</b>	<b>0.023</b>	<b>J *3</b>	0.037	0.0081	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
<b>Benzo[g,h,i]perylene</b>	<b>0.016</b>	<b>J *3</b>	0.037	0.012	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
Benzo[k]fluoranthene	<0.037	*3	0.037	0.011	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.069	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
Butyl benzyl phthalate	<0.19		0.19	0.071	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
Carbazole	<0.19		0.19	0.094	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
<b>Chrysene</b>	<b>0.027</b>	<b>J</b>	0.037	0.010	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
Dibenz(a,h)anthracene	<0.037	*3	0.037	0.0073	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
Diethyl phthalate	<0.19		0.19	0.064	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
<b>Fluoranthene</b>	<b>0.011</b>	<b>J</b>	0.037	0.0070	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
Fluorene	<0.037		0.037	0.0053	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
Hexachlorobenzene	<0.076		0.076	0.0087	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
Hexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
Hexachlorocyclopentadiene	<0.76		0.76	0.22	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
Hexachloroethane	<0.19		0.19	0.057	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217166-1

**Client Sample ID: ROW-128(4-9)-052522**

**Lab Sample ID: 500-217166-16**

**Date Collected: 05/25/22 01:45**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 86.0**

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.037	*3	0.037	0.0097	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
Naphthalene	<0.037		0.037	0.0058	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
Nitrobenzene	<0.037		0.037	0.0094	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.046	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
Pentachlorophenol	<0.76		0.76	0.60	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
<b>Phenanthrene</b>	<b>0.012</b>	<b>J</b>	0.037	0.0052	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
Phenol	<0.19		0.19	0.083	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
<b>Pyrene</b>	<b>0.023</b>	<b>J</b>	0.037	0.0075	mg/Kg	☼	06/07/22 14:25	06/09/22 16:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	76		31 - 143				06/07/22 14:25	06/09/22 16:06	1
2-Fluorobiphenyl (Surr)	95		43 - 145				06/07/22 14:25	06/09/22 16:06	1
2-Fluorophenol (Surr)	101		31 - 166				06/07/22 14:25	06/09/22 16:06	1
Nitrobenzene-d5 (Surr)	104		37 - 147				06/07/22 14:25	06/09/22 16:06	1
Phenol-d5 (Surr)	89		30 - 153				06/07/22 14:25	06/09/22 16:06	1
Terphenyl-d14 (Surr)	101		42 - 157				06/07/22 14:25	06/09/22 16:06	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/01/22 19:36	06/02/22 15:54	1
<b>Barium</b>	<b>0.19</b>	<b>J</b>	0.50	0.050	mg/L		06/01/22 19:36	06/02/22 15:54	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/01/22 19:36	06/02/22 15:54	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/22 19:36	06/02/22 15:54	1
Chromium	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:54	1
Cobalt	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:54	1
Copper	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:54	1
Iron	<0.40		0.40	0.20	mg/L		06/01/22 19:36	06/02/22 15:54	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/01/22 19:36	06/02/22 15:54	1
<b>Manganese</b>	<b>0.95</b>		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:54	1
Nickel	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:54	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/22 19:36	06/02/22 15:54	1
Silver	<0.025		0.025	0.010	mg/L		06/01/22 19:36	06/02/22 15:54	1
Zinc	<0.50		0.50	0.020	mg/L		06/01/22 19:36	06/02/22 15:54	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.12</b>		0.050	0.010	mg/L		06/01/22 19:39	06/02/22 18:07	1
<b>Barium</b>	<b>0.38</b>	<b>J</b>	0.50	0.050	mg/L		06/01/22 19:39	06/02/22 18:07	1
<b>Beryllium</b>	<b>0.010</b>		0.0040	0.0040	mg/L		06/01/22 19:39	06/02/22 18:07	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/22 19:39	06/02/22 18:07	1
<b>Chromium</b>	<b>0.18</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 18:07	1
<b>Cobalt</b>	<b>0.073</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 18:07	1
<b>Copper</b>	<b>0.26</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 18:07	1
<b>Iron</b>	<b>240</b>		0.40	0.20	mg/L		06/01/22 19:39	06/02/22 18:07	1
<b>Lead</b>	<b>0.12</b>		0.0075	0.0075	mg/L		06/01/22 19:39	06/02/22 18:07	1
<b>Manganese</b>	<b>0.74</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 18:07	1
<b>Nickel</b>	<b>0.24</b>		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 18:07	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/22 19:39	06/02/22 18:07	1

Eurofins Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217166-1

**Client Sample ID: ROW-128(4-9)-052522**

**Lab Sample ID: 500-217166-16**

Date Collected: 05/25/22 01:45

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 86.0

### Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/01/22 19:39	06/02/22 18:07	1
<b>Zinc</b>	<b>0.61</b>		0.50	0.020	mg/L		06/01/22 19:39	06/02/22 18:07	1

### Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>8700</b>		11	4.4	mg/Kg	☆	06/03/22 08:43	06/03/22 20:46	1
<b>Antimony</b>	<b>0.27</b>	<b>J</b>	1.1	0.21	mg/Kg	☆	06/03/22 08:43	06/03/22 20:46	1
<b>Arsenic</b>	<b>7.6</b>		0.54	0.19	mg/Kg	☆	06/03/22 08:43	06/03/22 20:46	1
<b>Barium</b>	<b>27</b>		0.54	0.062	mg/Kg	☆	06/03/22 08:43	06/03/22 20:46	1
<b>Beryllium</b>	<b>0.67</b>		0.22	0.051	mg/Kg	☆	06/03/22 08:43	06/03/22 20:46	1
Cadmium	<0.11		0.11	0.020	mg/Kg	☆	06/03/22 08:43	06/03/22 20:46	1
<b>Calcium</b>	<b>72000</b>		58	9.9	mg/Kg	☆	06/07/22 09:33	06/08/22 11:52	5
<b>Chromium</b>	<b>13</b>		0.54	0.27	mg/Kg	☆	06/03/22 08:43	06/03/22 20:46	1
<b>Cobalt</b>	<b>11</b>		0.27	0.071	mg/Kg	☆	06/03/22 08:43	06/03/22 20:46	1
<b>Copper</b>	<b>22</b>		0.58	0.16	mg/Kg	☆	06/07/22 09:33	06/07/22 19:51	1
<b>Iron</b>	<b>18000</b>	<b>B</b>	11	5.6	mg/Kg	☆	06/03/22 08:43	06/03/22 20:46	1
<b>Lead</b>	<b>12</b>		0.27	0.13	mg/Kg	☆	06/03/22 08:43	06/03/22 20:46	1
<b>Magnesium</b>	<b>27000</b>		5.4	2.7	mg/Kg	☆	06/03/22 08:43	06/03/22 20:46	1
<b>Manganese</b>	<b>320</b>	<b>B</b>	0.54	0.079	mg/Kg	☆	06/03/22 08:43	06/03/22 20:46	1
<b>Nickel</b>	<b>27</b>		0.54	0.16	mg/Kg	☆	06/03/22 08:43	06/03/22 20:46	1
<b>Potassium</b>	<b>2000</b>	<b>B</b>	27	9.6	mg/Kg	☆	06/03/22 08:43	06/03/22 20:46	1
Selenium	<0.54		0.54	0.32	mg/Kg	☆	06/03/22 08:43	06/03/22 20:46	1
<b>Silver</b>	<b>0.19</b>	<b>J</b>	0.27	0.070	mg/Kg	☆	06/03/22 08:43	06/03/22 20:46	1
<b>Sodium</b>	<b>520</b>	<b>B</b>	54	8.0	mg/Kg	☆	06/03/22 08:43	06/03/22 20:46	1
Thallium	<0.54		0.54	0.27	mg/Kg	☆	06/03/22 08:43	06/03/22 20:46	1
<b>Vanadium</b>	<b>16</b>		0.27	0.064	mg/Kg	☆	06/03/22 08:43	06/03/22 20:46	1
<b>Zinc</b>	<b>53</b>	<b>B</b>	1.1	0.48	mg/Kg	☆	06/03/22 08:43	06/03/22 20:46	1

### Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/22 15:10	06/02/22 12:05	1

### Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/22 15:10	06/02/22 14:40	1

### Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.022</b>		0.018	0.0059	mg/Kg	☆	06/01/22 14:20	06/02/22 12:33	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>7.9</b>		0.2	0.2	SU			06/01/22 15:35	1

# Definitions/Glossary

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217166-1

## 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.
S1+	Surrogate recovery exceeds control limits, high biased.

### GC/MS Semi VOA

Qualifier	Qualifier Description
*3	ISTD response or retention time outside acceptable limits.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

### 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.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

# Chain of Custody Record

524252



Environment Testing  
TestAmerica

TAL-8210

Address: \_\_\_\_\_

Regulatory Program:  DW  NPDES  RCRA  Other

<b>Client Contact</b>		<b>Project Manager:</b> A Sloopes		<b>Site Contact:</b> C. Price		<b>Date:</b> 5-24-22		<b>COC No</b>	
Company Name: <u>Enviro Solutions</u>		Tel/Email:		Lab Contact: <u>P. Price</u>		Carrier:		2 of 5 COCs	
Address: <u>3000 Knightbridge Dr. # 300</u>		<b>Analysis Turnaround Time</b>							
City/State/Zip: <u>Lincoln, NE 68509</u>									
Phone:		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____ <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day							
Fax:									
Project Name: <u>TEST 019</u>									
Site: <u>280</u>									
P O #									
<b>Sample Identification</b>		<b>Sample Date</b>	<b>Sample Time</b>	<b>Sample Type</b> (C=Comp, G=Grab)	<b>Matrix</b>	<b># of Cont.</b>	<b>Filtered Sample (Y/N)</b>	<b>Perform MS/MSD (Y/N)</b>	<b>Sample Specific Notes</b>
ROW-108(0-4)-052422		5/24/22	2250	6	S	6		X X X X X	
ROW-108(4-9)-052422			2255						
ROW-111(0-4)-052422			2300						
ROW-111(4-9)-052422			2305						
ROW-112(0-4)-052422			2310						
ROW-112(4-9)-052422			2315						
ROW-113(0-4)-052422			2320						
ROW-113(4-9)-052422			2330						
ROW-114(0-4)-052422			2340						
ROW-114(4-9)-052422			2345						
ROW-117(0-4)-052422			2350						
Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other									
<b>Possible Hazard Identification:</b> 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.							<b>Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)</b> <input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months		
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown									
<b>Special Instructions/QC Requirements &amp; Comments:</b> 38 → 28, 44 → 24, 51 → 41, 55 → 45									
Custody Seals Intact. <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temp. (°C) Obs'd		Corr'd		Therm ID No.	
Relinquished by: <u>[Signature]</u>		Company: <u>WS</u>		Date/Time: <u>5/25/22 10:00</u>		Received by: <u>[Signature]</u>		Company: <u>[Signature]</u>	
Relinquished by: _____		Company: _____		Date/Time: _____		Received by: _____		Company: _____	
Relinquished by: _____		Company: _____		Date/Time: _____		Received by: _____		Company: _____	

# Chain of Custody Record

524251



Environment Testing  
TestAmerica

TAL-8210

Address \_\_\_\_\_

Regulatory Program:  DW  NPDES  RCRA  Other: \_\_\_\_\_

<b>Client Contact</b>		<b>Project Manager:</b> <u>A. Slegers</u>		<b>Site Contact:</b> <u>C. Pave</u>		<b>Date:</b> <u>5-25-02</u>		<b>COC No:</b> _____	
Company Name: <u>Weston Solutions</u>		Tel/Email: _____		Lab Contact: <u>R. Wright</u>		Carrier: _____		3 of 5 COCs	
Address: <u>300 Knightbridge Place SE 300</u>		<b>Analysis Turnaround Time</b> <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____ <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day							
City/State/Zip: <u>Chico, NC 28719</u>									
Phone: _____									
Fax: _____									
Project Name: <u>POST 079</u>		Sample Date: _____		Sample Time: _____		Sample Type (C=Comp, G=Grab): _____		Matrix: _____	
Site: <u>I-80</u>		Sample Date: _____		Sample Time: _____		Sample Type (C=Comp, G=Grab): _____		Matrix: _____	
P O #: _____		Sample Date: _____		Sample Time: _____		Sample Type (C=Comp, G=Grab): _____		Matrix: _____	
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)		Matrix	
5 ROW-117(4-9)-052422		5-24-02		2355		G		S	
6 ROW-118(0-4)-052522		5-25-02		0030		G		S	
7 ROW-118(4-9)-052522		5-25-02		0035		G		S	
8 ROW-123(0-4)-052522		5-25-02		0040		G		S	
9 ROW-123(4-9)-052522		5-25-02		0045		G		S	
10 ROW-126(0-4)-052522		5-25-02		0050		G		S	
11 ROW-126(4-9)-052522		5-25-02		0055		G		S	
12 ROW-127(0-4)-052522		5-25-02		0130		G		S	
13 ROW-127(0-4)-052522		5-25-02		0130		G		S	
14 ROW-127(4-9)-052522		5-25-02		0135		G		S	
15 ROW-128(0-4)-052522		5-25-02		0140		G		S	
16 ROW-128(4-9)-052522		5-25-02		0145		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 <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months				
Special Instructions/QC Requirements & Comments: _____									
Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No: _____		Cooler Temp (°C) Obs'd: _____		Corr'd: _____		Therm ID No: _____	
Relinquished by: <u>[Signature]</u>		Company: <u>WS</u>		Date/Time: <u>5/25/02 1610</u>		Received by: <u>[Signature]</u>		Company: <u>ETA</u>	
Relinquished by: <u>[Signature]</u>		Company: <u>ETA</u>		Date/Time: <u>1730</u>		Received by: <u>[Signature]</u>		Company: <u>ETA</u>	
Relinquished by: _____		Company: _____		Date/Time: _____		Received in Laboratory by: <u>[Signature]</u>		Company: <u>ETA</u>	



## ANALYTICAL REPORT

Eurofins Chicago  
2417 Bond Street  
University Park, IL 60484  
Tel: (708)534-5200

Laboratory Job ID: 500-217167-1  
Client Project/Site: IDOT - I-80 - WO 019

For:  
Weston Solutions, Inc.  
300 Knightsbridge Parkway  
Suite 360  
Lincolnshire, Illinois 60069

Attn: Mr. Andris Slesers



Authorized for release by:  
6/10/2022 2:15:21 PM

Richard Wright, Senior Project Manager  
(708)746-0045

[Richard.Wright@et.eurofinsus.com](mailto:Richard.Wright@et.eurofinsus.com)

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217167-1

**Client Sample ID: ROW-133(0-4)-052522**

**Lab Sample ID: 500-217167-5**

**Date Collected: 05/25/22 02:40**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 81.5**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>0.037</b>		0.018	0.0076	mg/Kg	✳	05/26/22 17:29	06/03/22 16:45	1
Benzene	<0.0018		0.0018	0.00045	mg/Kg	✳	05/26/22 17:29	06/03/22 16:45	1
Bromodichloromethane	<0.0018		0.0018	0.00036	mg/Kg	✳	05/26/22 17:29	06/03/22 16:45	1
Bromoform	<0.0018		0.0018	0.00051	mg/Kg	✳	05/26/22 17:29	06/03/22 16:45	1
Bromomethane	<0.0044		0.0044	0.0017	mg/Kg	✳	05/26/22 17:29	06/03/22 16:45	1
Carbon disulfide	<0.0044		0.0044	0.00091	mg/Kg	✳	05/26/22 17:29	06/03/22 16:45	1
Carbon tetrachloride	<0.0018		0.0018	0.00051	mg/Kg	✳	05/26/22 17:29	06/03/22 16:45	1
Chlorobenzene	<0.0018		0.0018	0.00065	mg/Kg	✳	05/26/22 17:29	06/03/22 16:45	1
Chloroethane	<0.0044		0.0044	0.0013	mg/Kg	✳	05/26/22 17:29	06/03/22 16:45	1
Chloroform	<0.0018		0.0018	0.00061	mg/Kg	✳	05/26/22 17:29	06/03/22 16:45	1
Chloromethane	<0.0044		0.0044	0.0018	mg/Kg	✳	05/26/22 17:29	06/03/22 16:45	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00049	mg/Kg	✳	05/26/22 17:29	06/03/22 16:45	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00053	mg/Kg	✳	05/26/22 17:29	06/03/22 16:45	1
Dibromochloromethane	<0.0018		0.0018	0.00057	mg/Kg	✳	05/26/22 17:29	06/03/22 16:45	1
1,1-Dichloroethane	<0.0018		0.0018	0.00060	mg/Kg	✳	05/26/22 17:29	06/03/22 16:45	1
1,2-Dichloroethane	<0.0044		0.0044	0.0014	mg/Kg	✳	05/26/22 17:29	06/03/22 16:45	1
1,1-Dichloroethene	<0.0018		0.0018	0.00060	mg/Kg	✳	05/26/22 17:29	06/03/22 16:45	1
1,2-Dichloropropane	<0.0018		0.0018	0.00045	mg/Kg	✳	05/26/22 17:29	06/03/22 16:45	1
1,3-Dichloropropane, Total	<0.0018		0.0018	0.00062	mg/Kg	✳	05/26/22 17:29	06/03/22 16:45	1
Ethylbenzene	<0.0018		0.0018	0.00084	mg/Kg	✳	05/26/22 17:29	06/03/22 16:45	1
2-Hexanone	<0.0044		0.0044	0.0014	mg/Kg	✳	05/26/22 17:29	06/03/22 16:45	1
Methylene Chloride	<0.0044		0.0044	0.0017	mg/Kg	✳	05/26/22 17:29	06/03/22 16:45	1
Methyl Ethyl Ketone	<0.0044		0.0044	0.0019	mg/Kg	✳	05/26/22 17:29	06/03/22 16:45	1
methyl isobutyl ketone	<0.0044		0.0044	0.0013	mg/Kg	✳	05/26/22 17:29	06/03/22 16:45	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00052	mg/Kg	✳	05/26/22 17:29	06/03/22 16:45	1
Styrene	<0.0018		0.0018	0.00053	mg/Kg	✳	05/26/22 17:29	06/03/22 16:45	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00056	mg/Kg	✳	05/26/22 17:29	06/03/22 16:45	1
Tetrachloroethene	<0.0018		0.0018	0.00060	mg/Kg	✳	05/26/22 17:29	06/03/22 16:45	1
Toluene	<0.0018		0.0018	0.00044	mg/Kg	✳	05/26/22 17:29	06/03/22 16:45	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00078	mg/Kg	✳	05/26/22 17:29	06/03/22 16:45	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00062	mg/Kg	✳	05/26/22 17:29	06/03/22 16:45	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00059	mg/Kg	✳	05/26/22 17:29	06/03/22 16:45	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00075	mg/Kg	✳	05/26/22 17:29	06/03/22 16:45	1
<b>Trichloroethene</b>	<b>0.00099 J</b>		0.0018	0.00059	mg/Kg	✳	05/26/22 17:29	06/03/22 16:45	1
Vinyl chloride	<0.0018		0.0018	0.00078	mg/Kg	✳	05/26/22 17:29	06/03/22 16:45	1
Xylenes, Total	<0.0035		0.0035	0.00056	mg/Kg	✳	05/26/22 17:29	06/03/22 16:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		75 - 131	05/26/22 17:29	06/03/22 16:45	1
Dibromofluoromethane (Surr)	107		75 - 126	05/26/22 17:29	06/03/22 16:45	1
1,2-Dichloroethane-d4 (Surr)	120		70 - 134	05/26/22 17:29	06/03/22 16:45	1
Toluene-d8 (Surr)	99		75 - 124	05/26/22 17:29	06/03/22 16:45	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.043	mg/Kg	✳	06/07/22 14:25	06/08/22 19:06	1
1,2-Dichlorobenzene	<0.20		0.20	0.048	mg/Kg	✳	06/07/22 14:25	06/08/22 19:06	1
1,3-Dichlorobenzene	<0.20		0.20	0.045	mg/Kg	✳	06/07/22 14:25	06/08/22 19:06	1
1,4-Dichlorobenzene	<0.20		0.20	0.051	mg/Kg	✳	06/07/22 14:25	06/08/22 19:06	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	✳	06/07/22 14:25	06/08/22 19:06	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217167-1

**Client Sample ID: ROW-133(0-4)-052522**

**Lab Sample ID: 500-217167-5**

**Date Collected: 05/25/22 02:40**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 81.5**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.40		0.40	0.091	mg/Kg	☆	06/07/22 14:25	06/08/22 19:06	1
2,4,6-Trichlorophenol	<0.40		0.40	0.14	mg/Kg	☆	06/07/22 14:25	06/08/22 19:06	1
2,4-Dichlorophenol	<0.40		0.40	0.095	mg/Kg	☆	06/07/22 14:25	06/08/22 19:06	1
2,4-Dimethylphenol	<0.40		0.40	0.15	mg/Kg	☆	06/07/22 14:25	06/08/22 19:06	1
2,4-Dinitrophenol	<0.81		0.81	0.70	mg/Kg	☆	06/07/22 14:25	06/08/22 19:06	1
2,4-Dinitrotoluene	<0.20		0.20	0.063	mg/Kg	☆	06/07/22 14:25	06/08/22 19:06	1
2,6-Dinitrotoluene	<0.20		0.20	0.078	mg/Kg	☆	06/07/22 14:25	06/08/22 19:06	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	☆	06/07/22 14:25	06/08/22 19:06	1
2-Chlorophenol	<0.20		0.20	0.068	mg/Kg	☆	06/07/22 14:25	06/08/22 19:06	1
2-Methylnaphthalene	<0.081		0.081	0.0073	mg/Kg	☆	06/07/22 14:25	06/08/22 19:06	1
2-Methylphenol	<0.20		0.20	0.064	mg/Kg	☆	06/07/22 14:25	06/08/22 19:06	1
2-Nitroaniline	<0.20		0.20	0.054	mg/Kg	☆	06/07/22 14:25	06/08/22 19:06	1
2-Nitrophenol	<0.40		0.40	0.094	mg/Kg	☆	06/07/22 14:25	06/08/22 19:06	1
3 & 4 Methylphenol	<0.20		0.20	0.067	mg/Kg	☆	06/07/22 14:25	06/08/22 19:06	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.056	mg/Kg	☆	06/07/22 14:25	06/08/22 19:06	1
3-Nitroaniline	<0.40		0.40	0.12	mg/Kg	☆	06/07/22 14:25	06/08/22 19:06	1
4,6-Dinitro-2-methylphenol	<0.81		0.81	0.32	mg/Kg	☆	06/07/22 14:25	06/08/22 19:06	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.053	mg/Kg	☆	06/07/22 14:25	06/08/22 19:06	1
4-Chloro-3-methylphenol	<0.40		0.40	0.14	mg/Kg	☆	06/07/22 14:25	06/08/22 19:06	1
4-Chloroaniline	<0.81		0.81	0.19	mg/Kg	☆	06/07/22 14:25	06/08/22 19:06	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.047	mg/Kg	☆	06/07/22 14:25	06/08/22 19:06	1
4-Nitroaniline	<0.40		0.40	0.17	mg/Kg	☆	06/07/22 14:25	06/08/22 19:06	1
4-Nitrophenol	<0.81		0.81	0.38	mg/Kg	☆	06/07/22 14:25	06/08/22 19:06	1
Acenaphthene	<0.040		0.040	0.0072	mg/Kg	☆	06/07/22 14:25	06/08/22 19:06	1
Acenaphthylene	<0.040		0.040	0.0053	mg/Kg	☆	06/07/22 14:25	06/08/22 19:06	1
Anthracene	<0.040		0.040	0.0067	mg/Kg	☆	06/07/22 14:25	06/08/22 19:06	1
Benzo[a]anthracene	<0.040		0.040	0.0054	mg/Kg	☆	06/07/22 14:25	06/08/22 19:06	1
Benzo[a]pyrene	<0.040		0.040	0.0077	mg/Kg	☆	06/07/22 14:25	06/08/22 19:06	1
Benzo[b]fluoranthene	<0.040		0.040	0.0086	mg/Kg	☆	06/07/22 14:25	06/08/22 19:06	1
Benzo[g,h,i]perylene	<0.040		0.040	0.013	mg/Kg	☆	06/07/22 14:25	06/08/22 19:06	1
Benzo[k]fluoranthene	<0.040		0.040	0.012	mg/Kg	☆	06/07/22 14:25	06/08/22 19:06	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.041	mg/Kg	☆	06/07/22 14:25	06/08/22 19:06	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.060	mg/Kg	☆	06/07/22 14:25	06/08/22 19:06	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.073	mg/Kg	☆	06/07/22 14:25	06/08/22 19:06	1
Butyl benzyl phthalate	<0.20		0.20	0.076	mg/Kg	☆	06/07/22 14:25	06/08/22 19:06	1
Carbazole	<0.20		0.20	0.10	mg/Kg	☆	06/07/22 14:25	06/08/22 19:06	1
Chrysene	<0.040		0.040	0.011	mg/Kg	☆	06/07/22 14:25	06/08/22 19:06	1
Dibenz(a,h)anthracene	<0.040		0.040	0.0077	mg/Kg	☆	06/07/22 14:25	06/08/22 19:06	1
Dibenzofuran	<0.20		0.20	0.047	mg/Kg	☆	06/07/22 14:25	06/08/22 19:06	1
Diethyl phthalate	<0.20		0.20	0.068	mg/Kg	☆	06/07/22 14:25	06/08/22 19:06	1
Dimethyl phthalate	<0.20		0.20	0.052	mg/Kg	☆	06/07/22 14:25	06/08/22 19:06	1
Di-n-butyl phthalate	<0.20		0.20	0.061	mg/Kg	☆	06/07/22 14:25	06/08/22 19:06	1
Di-n-octyl phthalate	<0.20		0.20	0.065	mg/Kg	☆	06/07/22 14:25	06/08/22 19:06	1
<b>Fluoranthene</b>	<b>0.014</b>	<b>J</b>	0.040	0.0074	mg/Kg	☆	06/07/22 14:25	06/08/22 19:06	1
Fluorene	<0.040		0.040	0.0056	mg/Kg	☆	06/07/22 14:25	06/08/22 19:06	1
Hexachlorobenzene	<0.081		0.081	0.0093	mg/Kg	☆	06/07/22 14:25	06/08/22 19:06	1
Hexachlorobutadiene	<0.20		0.20	0.063	mg/Kg	☆	06/07/22 14:25	06/08/22 19:06	1
Hexachlorocyclopentadiene	<0.81		0.81	0.23	mg/Kg	☆	06/07/22 14:25	06/08/22 19:06	1
Hexachloroethane	<0.20		0.20	0.061	mg/Kg	☆	06/07/22 14:25	06/08/22 19:06	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217167-1

**Client Sample ID: ROW-133(0-4)-052522**

**Lab Sample ID: 500-217167-5**

Date Collected: 05/25/22 02:40

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 81.5

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.040		0.040	0.010	mg/Kg	☼	06/07/22 14:25	06/08/22 19:06	1
Isophorone	<0.20		0.20	0.045	mg/Kg	☼	06/07/22 14:25	06/08/22 19:06	1
<b>Naphthalene</b>	<b>0.0062</b>	<b>J</b>	0.040	0.0061	mg/Kg	☼	06/07/22 14:25	06/08/22 19:06	1
Nitrobenzene	<0.040		0.040	0.010	mg/Kg	☼	06/07/22 14:25	06/08/22 19:06	1
N-Nitrosodi-n-propylamine	<0.081		0.081	0.049	mg/Kg	☼	06/07/22 14:25	06/08/22 19:06	1
N-Nitrosodiphenylamine	<0.20		0.20	0.047	mg/Kg	☼	06/07/22 14:25	06/08/22 19:06	1
Pentachlorophenol	<0.81		0.81	0.64	mg/Kg	☼	06/07/22 14:25	06/08/22 19:06	1
<b>Phenanthrene</b>	<b>0.0065</b>	<b>J</b>	0.040	0.0056	mg/Kg	☼	06/07/22 14:25	06/08/22 19:06	1
Phenol	<0.20		0.20	0.089	mg/Kg	☼	06/07/22 14:25	06/08/22 19:06	1
Pyrene	<0.040		0.040	0.0079	mg/Kg	☼	06/07/22 14:25	06/08/22 19:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	146	S1+	31 - 143	06/07/22 14:25	06/08/22 19:06	1
2-Fluorobiphenyl (Surr)	86		43 - 145	06/07/22 14:25	06/08/22 19:06	1
2-Fluorophenol (Surr)	94		31 - 166	06/07/22 14:25	06/08/22 19:06	1
Nitrobenzene-d5 (Surr)	67		37 - 147	06/07/22 14:25	06/08/22 19:06	1
Phenol-d5 (Surr)	94		30 - 153	06/07/22 14:25	06/08/22 19:06	1
Terphenyl-d14 (Surr)	109		42 - 157	06/07/22 14:25	06/08/22 19:06	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.017</b>	<b>J</b>	0.050	0.010	mg/L		06/01/22 19:38	06/02/22 12:30	1
<b>Barium</b>	<b>1.2</b>		0.50	0.050	mg/L		06/01/22 19:38	06/02/22 12:30	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/01/22 19:38	06/02/22 12:30	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/22 19:38	06/02/22 12:30	1
Chromium	<0.025		0.025	0.010	mg/L		06/01/22 19:38	06/02/22 12:30	1
<b>Cobalt</b>	<b>0.025</b>		0.025	0.010	mg/L		06/01/22 19:38	06/02/22 12:30	1
Copper	<0.025		0.025	0.010	mg/L		06/01/22 19:38	06/02/22 12:30	1
Iron	<0.40		0.40	0.20	mg/L		06/01/22 19:38	06/02/22 12:30	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/01/22 19:38	06/02/22 12:30	1
<b>Manganese</b>	<b>7.8</b>		0.025	0.010	mg/L		06/01/22 19:38	06/02/22 12:30	1
<b>Nickel</b>	<b>0.015</b>	<b>J</b>	0.025	0.010	mg/L		06/01/22 19:38	06/02/22 12:30	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/22 19:38	06/02/22 12:30	1
Silver	<0.025		0.025	0.010	mg/L		06/01/22 19:38	06/02/22 12:30	1
<b>Zinc</b>	<b>0.082</b>	<b>J</b>	0.50	0.020	mg/L		06/01/22 19:38	06/02/22 12:30	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.055</b>		0.050	0.010	mg/L		06/01/22 19:40	06/02/22 18:46	1
<b>Barium</b>	<b>0.67</b>		0.50	0.050	mg/L		06/01/22 19:40	06/02/22 18:46	1
<b>Beryllium</b>	<b>0.0051</b>		0.0040	0.0040	mg/L		06/01/22 19:40	06/02/22 18:46	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/22 19:40	06/02/22 18:46	1
<b>Chromium</b>	<b>0.10</b>		0.025	0.010	mg/L		06/01/22 19:40	06/02/22 18:46	1
<b>Cobalt</b>	<b>0.044</b>		0.025	0.010	mg/L		06/01/22 19:40	06/02/22 18:46	1
<b>Copper</b>	<b>0.11</b>		0.025	0.010	mg/L		06/01/22 19:40	06/02/22 18:46	1
<b>Iron</b>	<b>110</b>		0.40	0.20	mg/L		06/01/22 19:40	06/02/22 18:46	1
<b>Lead</b>	<b>0.062</b>		0.0075	0.0075	mg/L		06/01/22 19:40	06/02/22 18:46	1
<b>Manganese</b>	<b>1.1</b>		0.025	0.010	mg/L		06/01/22 19:40	06/02/22 18:46	1
<b>Nickel</b>	<b>0.10</b>		0.025	0.010	mg/L		06/01/22 19:40	06/02/22 18:46	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/22 19:40	06/02/22 18:46	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217167-1

**Client Sample ID: ROW-133(0-4)-052522**

**Lab Sample ID: 500-217167-5**

Date Collected: 05/25/22 02:40

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 81.5

### Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/01/22 19:40	06/02/22 18:46	1
<b>Zinc</b>	<b>0.32</b>	<b>J</b>	0.50	0.020	mg/L		06/01/22 19:40	06/02/22 18:46	1

### Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>11000</b>		12	4.7	mg/Kg	☆	06/02/22 09:49	06/03/22 12:31	1
Antimony	<1.2		1.2	0.23	mg/Kg	☆	06/02/22 09:49	06/03/22 12:31	1
<b>Arsenic</b>	<b>5.5</b>		0.58	0.20	mg/Kg	☆	06/02/22 09:49	06/03/22 12:31	1
<b>Barium</b>	<b>110</b>		0.58	0.066	mg/Kg	☆	06/02/22 09:49	06/03/22 12:31	1
<b>Beryllium</b>	<b>0.75</b>		0.23	0.054	mg/Kg	☆	06/02/22 09:49	06/03/22 12:31	1
Cadmium	<0.12		0.12	0.021	mg/Kg	☆	06/02/22 09:49	06/03/22 12:31	1
<b>Calcium</b>	<b>8600</b>		12	2.0	mg/Kg	☆	06/02/22 09:49	06/03/22 12:31	1
<b>Chromium</b>	<b>14</b>		0.58	0.29	mg/Kg	☆	06/02/22 09:49	06/03/22 12:31	1
<b>Cobalt</b>	<b>9.6</b>		0.29	0.076	mg/Kg	☆	06/02/22 09:49	06/03/22 12:31	1
<b>Copper</b>	<b>15</b>	<b>B</b>	0.58	0.16	mg/Kg	☆	06/02/22 09:49	06/03/22 12:31	1
<b>Iron</b>	<b>16000</b>		12	6.0	mg/Kg	☆	06/02/22 09:49	06/03/22 12:31	1
<b>Lead</b>	<b>14</b>		0.29	0.13	mg/Kg	☆	06/02/22 09:49	06/03/22 12:31	1
<b>Magnesium</b>	<b>5700</b>		5.8	2.9	mg/Kg	☆	06/02/22 09:49	06/03/22 12:31	1
<b>Manganese</b>	<b>190</b>		0.58	0.084	mg/Kg	☆	06/02/22 09:49	06/03/22 12:31	1
<b>Nickel</b>	<b>19</b>		0.58	0.17	mg/Kg	☆	06/02/22 09:49	06/03/22 12:31	1
<b>Potassium</b>	<b>1000</b>		29	10	mg/Kg	☆	06/02/22 09:49	06/03/22 12:31	1
Selenium	<0.58		0.58	0.34	mg/Kg	☆	06/02/22 09:49	06/03/22 12:31	1
<b>Silver</b>	<b>0.40</b>		0.29	0.075	mg/Kg	☆	06/02/22 09:49	06/03/22 12:31	1
<b>Sodium</b>	<b>720</b>		58	8.6	mg/Kg	☆	06/02/22 09:49	06/03/22 12:31	1
<b>Thallium</b>	<b>0.29</b>	<b>J</b>	0.58	0.29	mg/Kg	☆	06/02/22 09:49	06/03/22 12:31	1
<b>Vanadium</b>	<b>23</b>		0.29	0.069	mg/Kg	☆	06/02/22 09:49	06/03/22 12:31	1
<b>Zinc</b>	<b>61</b>		1.2	0.51	mg/Kg	☆	06/02/22 09:49	06/03/22 12:31	1

### Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/22 15:10	06/02/22 12:26	1

### Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/22 15:10	06/02/22 13:17	1

### Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.037</b>		0.019	0.0062	mg/Kg	☆	06/01/22 14:20	06/02/22 09:52	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>7.8</b>		0.2	0.2	SU			06/01/22 15:49	1

# Client Sample Results

Client: Weston Solutions, Inc.  
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217167-1

**Client Sample ID: ROW-133(4-9)-052522**

**Lab Sample ID: 500-217167-6**

Date Collected: 05/25/22 02:45

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 75.4

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>0.054</b>		0.023	0.0099	mg/Kg	☼	05/26/22 17:29	06/03/22 17:11	1
Benzene	<0.0023		0.0023	0.00058	mg/Kg	☼	05/26/22 17:29	06/03/22 17:11	1
Bromodichloromethane	<0.0023		0.0023	0.00046	mg/Kg	☼	05/26/22 17:29	06/03/22 17:11	1
Bromoform	<0.0023		0.0023	0.00067	mg/Kg	☼	05/26/22 17:29	06/03/22 17:11	1
Bromomethane	<0.0057		0.0057	0.0022	mg/Kg	☼	05/26/22 17:29	06/03/22 17:11	1
Carbon disulfide	<0.0057		0.0057	0.0012	mg/Kg	☼	05/26/22 17:29	06/03/22 17:11	1
Carbon tetrachloride	<0.0023		0.0023	0.00066	mg/Kg	☼	05/26/22 17:29	06/03/22 17:11	1
Chlorobenzene	<0.0023		0.0023	0.00084	mg/Kg	☼	05/26/22 17:29	06/03/22 17:11	1
Chloroethane	<0.0057		0.0057	0.0017	mg/Kg	☼	05/26/22 17:29	06/03/22 17:11	1
Chloroform	<0.0023		0.0023	0.00079	mg/Kg	☼	05/26/22 17:29	06/03/22 17:11	1
Chloromethane	<0.0057		0.0057	0.0023	mg/Kg	☼	05/26/22 17:29	06/03/22 17:11	1
cis-1,2-Dichloroethene	<0.0023		0.0023	0.00064	mg/Kg	☼	05/26/22 17:29	06/03/22 17:11	1
cis-1,3-Dichloropropene	<0.0023		0.0023	0.00069	mg/Kg	☼	05/26/22 17:29	06/03/22 17:11	1
Dibromochloromethane	<0.0023		0.0023	0.00075	mg/Kg	☼	05/26/22 17:29	06/03/22 17:11	1
1,1-Dichloroethane	<0.0023		0.0023	0.00078	mg/Kg	☼	05/26/22 17:29	06/03/22 17:11	1
1,2-Dichloroethane	<0.0057		0.0057	0.0018	mg/Kg	☼	05/26/22 17:29	06/03/22 17:11	1
1,1-Dichloroethene	<0.0023		0.0023	0.00078	mg/Kg	☼	05/26/22 17:29	06/03/22 17:11	1
1,2-Dichloropropane	<0.0023		0.0023	0.00059	mg/Kg	☼	05/26/22 17:29	06/03/22 17:11	1
1,3-Dichloropropane, Total	<0.0023		0.0023	0.00080	mg/Kg	☼	05/26/22 17:29	06/03/22 17:11	1
Ethylbenzene	<0.0023		0.0023	0.0011	mg/Kg	☼	05/26/22 17:29	06/03/22 17:11	1
2-Hexanone	<0.0057		0.0057	0.0018	mg/Kg	☼	05/26/22 17:29	06/03/22 17:11	1
Methylene Chloride	<0.0057		0.0057	0.0022	mg/Kg	☼	05/26/22 17:29	06/03/22 17:11	1
<b>Methyl Ethyl Ketone</b>	<b>0.0066</b>		0.0057	0.0025	mg/Kg	☼	05/26/22 17:29	06/03/22 17:11	1
methyl isobutyl ketone	<0.0057		0.0057	0.0017	mg/Kg	☼	05/26/22 17:29	06/03/22 17:11	1
Methyl tert-butyl ether	<0.0023		0.0023	0.00067	mg/Kg	☼	05/26/22 17:29	06/03/22 17:11	1
Styrene	<0.0023		0.0023	0.00069	mg/Kg	☼	05/26/22 17:29	06/03/22 17:11	1
1,1,2,2-Tetrachloroethane	<0.0023		0.0023	0.00073	mg/Kg	☼	05/26/22 17:29	06/03/22 17:11	1
Tetrachloroethene	<0.0023		0.0023	0.00078	mg/Kg	☼	05/26/22 17:29	06/03/22 17:11	1
Toluene	<0.0023		0.0023	0.00058	mg/Kg	☼	05/26/22 17:29	06/03/22 17:11	1
trans-1,2-Dichloroethene	<0.0023		0.0023	0.0010	mg/Kg	☼	05/26/22 17:29	06/03/22 17:11	1
trans-1,3-Dichloropropene	<0.0023		0.0023	0.00080	mg/Kg	☼	05/26/22 17:29	06/03/22 17:11	1
1,1,1-Trichloroethane	<0.0023		0.0023	0.00076	mg/Kg	☼	05/26/22 17:29	06/03/22 17:11	1
1,1,2-Trichloroethane	<0.0023		0.0023	0.00098	mg/Kg	☼	05/26/22 17:29	06/03/22 17:11	1
Trichloroethene	<0.0023		0.0023	0.00077	mg/Kg	☼	05/26/22 17:29	06/03/22 17:11	1
Vinyl chloride	<0.0023		0.0023	0.0010	mg/Kg	☼	05/26/22 17:29	06/03/22 17:11	1
Xylenes, Total	<0.0046		0.0046	0.00073	mg/Kg	☼	05/26/22 17:29	06/03/22 17:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		75 - 131	05/26/22 17:29	06/03/22 17:11	1
Dibromofluoromethane (Surr)	108		75 - 126	05/26/22 17:29	06/03/22 17:11	1
1,2-Dichloroethane-d4 (Surr)	119		70 - 134	05/26/22 17:29	06/03/22 17:11	1
Toluene-d8 (Surr)	97		75 - 124	05/26/22 17:29	06/03/22 17:11	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.21		0.21	0.045	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
1,2-Dichlorobenzene	<0.21		0.21	0.050	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
1,3-Dichlorobenzene	<0.21		0.21	0.047	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
1,4-Dichlorobenzene	<0.21		0.21	0.054	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
2,2'-oxybis[1-chloropropane]	<0.21		0.21	0.049	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217167-1

**Client Sample ID: ROW-133(4-9)-052522**

**Lab Sample ID: 500-217167-6**

Date Collected: 05/25/22 02:45

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 75.4

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.42		0.42	0.096	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
2,4,6-Trichlorophenol	<0.42		0.42	0.14	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
2,4-Dichlorophenol	<0.42		0.42	0.10	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
2,4-Dimethylphenol	<0.42		0.42	0.16	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
2,4-Dinitrophenol	<0.85		0.85	0.74	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
2,4-Dinitrotoluene	<0.21		0.21	0.067	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
2,6-Dinitrotoluene	<0.21		0.21	0.083	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
2-Chloronaphthalene	<0.21		0.21	0.046	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
2-Chlorophenol	<0.21		0.21	0.072	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
2-Methylnaphthalene	<0.085		0.085	0.0077	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
2-Methylphenol	<0.21		0.21	0.067	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
2-Nitroaniline	<0.21		0.21	0.057	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
2-Nitrophenol	<0.42		0.42	0.099	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
3 & 4 Methylphenol	<0.21		0.21	0.070	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
3,3'-Dichlorobenzidine	<0.21		0.21	0.059	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
3-Nitroaniline	<0.42		0.42	0.13	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
4,6-Dinitro-2-methylphenol	<0.85		0.85	0.34	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
4-Bromophenyl phenyl ether	<0.21		0.21	0.055	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
4-Chloro-3-methylphenol	<0.42		0.42	0.14	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
4-Chloroaniline	<0.85		0.85	0.20	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
4-Chlorophenyl phenyl ether	<0.21		0.21	0.049	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
4-Nitroaniline	<0.42		0.42	0.18	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
4-Nitrophenol	<0.85		0.85	0.40	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
Acenaphthene	<0.042		0.042	0.0076	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
Acenaphthylene	<0.042		0.042	0.0055	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
Anthracene	<0.042		0.042	0.0070	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
Benzo[a]anthracene	<0.042		0.042	0.0057	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
Benzo[a]pyrene	<0.042		0.042	0.0081	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
Benzo[b]fluoranthene	<0.042		0.042	0.0091	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
Benzo[g,h,i]perylene	<0.042		0.042	0.014	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
Benzo[k]fluoranthene	<0.042		0.042	0.012	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
Bis(2-chloroethoxy)methane	<0.21		0.21	0.043	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
Bis(2-chloroethyl)ether	<0.21		0.21	0.063	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
Bis(2-ethylhexyl) phthalate	<0.21		0.21	0.077	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
Butyl benzyl phthalate	<0.21		0.21	0.080	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
Carbazole	<0.21		0.21	0.11	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
Chrysene	<0.042		0.042	0.011	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
Dibenz(a,h)anthracene	<0.042		0.042	0.0081	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
Dibenzofuran	<0.21		0.21	0.049	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
Diethyl phthalate	<0.21		0.21	0.071	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
Dimethyl phthalate	<0.21		0.21	0.055	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
Di-n-butyl phthalate	<0.21		0.21	0.064	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
Di-n-octyl phthalate	<0.21		0.21	0.069	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
Fluoranthene	<0.042		0.042	0.0078	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
Fluorene	<0.042		0.042	0.0059	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
Hexachlorobenzene	<0.085		0.085	0.0097	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
Hexachlorobutadiene	<0.21		0.21	0.066	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
Hexachlorocyclopentadiene	<0.85		0.85	0.24	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
Hexachloroethane	<0.21		0.21	0.064	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217167-1

**Client Sample ID: ROW-133(4-9)-052522**

**Lab Sample ID: 500-217167-6**

**Date Collected: 05/25/22 02:45**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 75.4**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.042		0.042	0.011	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
Isophorone	<0.21		0.21	0.047	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
Naphthalene	<0.042		0.042	0.0065	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
Nitrobenzene	<0.042		0.042	0.010	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
N-Nitrosodi-n-propylamine	<0.085		0.085	0.051	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
N-Nitrosodiphenylamine	<0.21		0.21	0.050	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
Pentachlorophenol	<0.85		0.85	0.67	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
Phenanthrene	<0.042		0.042	0.0059	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
Phenol	<0.21		0.21	0.093	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
Pyrene	<0.042		0.042	0.0084	mg/Kg	☼	06/07/22 14:25	06/08/22 19:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	107		31 - 143				06/07/22 14:25	06/08/22 19:30	1
2-Fluorobiphenyl (Surr)	68		43 - 145				06/07/22 14:25	06/08/22 19:30	1
2-Fluorophenol (Surr)	79		31 - 166				06/07/22 14:25	06/08/22 19:30	1
Nitrobenzene-d5 (Surr)	52		37 - 147				06/07/22 14:25	06/08/22 19:30	1
Phenol-d5 (Surr)	63		30 - 153				06/07/22 14:25	06/08/22 19:30	1
Terphenyl-d14 (Surr)	77		42 - 157				06/07/22 14:25	06/08/22 19:30	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.019</b>	<b>J</b>	0.050	0.010	mg/L		06/01/22 19:38	06/02/22 12:34	1
<b>Barium</b>	<b>0.61</b>		0.50	0.050	mg/L		06/01/22 19:38	06/02/22 12:34	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/01/22 19:38	06/02/22 12:34	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/22 19:38	06/02/22 12:34	1
Chromium	<0.025		0.025	0.010	mg/L		06/01/22 19:38	06/02/22 12:34	1
<b>Cobalt</b>	<b>0.033</b>		0.025	0.010	mg/L		06/01/22 19:38	06/02/22 12:34	1
<b>Copper</b>	<b>0.019</b>	<b>J</b>	0.025	0.010	mg/L		06/01/22 19:38	06/02/22 12:34	1
<b>Iron</b>	<b>0.41</b>		0.40	0.20	mg/L		06/01/22 19:38	06/02/22 12:34	1
<b>Lead</b>	<b>0.0079</b>		0.0075	0.0075	mg/L		06/01/22 19:38	06/02/22 12:34	1
<b>Manganese</b>	<b>4.6</b>		0.025	0.010	mg/L		06/01/22 19:38	06/02/22 12:34	1
Nickel	<0.025		0.025	0.010	mg/L		06/01/22 19:38	06/02/22 12:34	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/22 19:38	06/02/22 12:34	1
Silver	<0.025		0.025	0.010	mg/L		06/01/22 19:38	06/02/22 12:34	1
<b>Zinc</b>	<b>0.037</b>	<b>J</b>	0.50	0.020	mg/L		06/01/22 19:38	06/02/22 12:34	1

**Method: 6010B - Metals (ICP) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.080</b>		0.050	0.010	mg/L		06/01/22 19:40	06/02/22 18:49	1
<b>Barium</b>	<b>0.71</b>		0.50	0.050	mg/L		06/01/22 19:40	06/02/22 18:49	1
<b>Beryllium</b>	<b>0.0086</b>		0.0040	0.0040	mg/L		06/01/22 19:40	06/02/22 18:49	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/22 19:40	06/02/22 18:49	1
<b>Chromium</b>	<b>0.17</b>		0.025	0.010	mg/L		06/01/22 19:40	06/02/22 18:49	1
<b>Cobalt</b>	<b>0.047</b>		0.025	0.010	mg/L		06/01/22 19:40	06/02/22 18:49	1
<b>Copper</b>	<b>0.12</b>		0.025	0.010	mg/L		06/01/22 19:40	06/02/22 18:49	1
<b>Iron</b>	<b>190</b>		0.40	0.20	mg/L		06/01/22 19:40	06/02/22 18:49	1
<b>Lead</b>	<b>0.072</b>		0.0075	0.0075	mg/L		06/01/22 19:40	06/02/22 18:49	1
<b>Manganese</b>	<b>1.6</b>		0.025	0.010	mg/L		06/01/22 19:40	06/02/22 18:49	1
<b>Nickel</b>	<b>0.12</b>		0.025	0.010	mg/L		06/01/22 19:40	06/02/22 18:49	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/22 19:40	06/02/22 18:49	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217167-1

**Client Sample ID: ROW-133(4-9)-052522**

**Lab Sample ID: 500-217167-6**

Date Collected: 05/25/22 02:45

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 75.4

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/01/22 19:40	06/02/22 18:49	1
<b>Zinc</b>	<b>0.47</b>	<b>J</b>	0.50	0.020	mg/L		06/01/22 19:40	06/02/22 18:49	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>16000</b>		13	5.2	mg/Kg	☆	06/02/22 09:49	06/03/22 12:34	1
Antimony	<1.3		1.3	0.25	mg/Kg	☆	06/02/22 09:49	06/03/22 12:34	1
<b>Arsenic</b>	<b>7.7</b>		0.63	0.22	mg/Kg	☆	06/02/22 09:49	06/03/22 12:34	1
<b>Barium</b>	<b>100</b>		0.63	0.072	mg/Kg	☆	06/02/22 09:49	06/03/22 12:34	1
<b>Beryllium</b>	<b>0.95</b>		0.25	0.059	mg/Kg	☆	06/02/22 09:49	06/03/22 12:34	1
Cadmium	<0.13		0.13	0.023	mg/Kg	☆	06/02/22 09:49	06/03/22 12:34	1
<b>Calcium</b>	<b>3000</b>		13	2.2	mg/Kg	☆	06/02/22 09:49	06/03/22 12:34	1
<b>Chromium</b>	<b>18</b>		0.63	0.31	mg/Kg	☆	06/02/22 09:49	06/03/22 12:34	1
<b>Cobalt</b>	<b>12</b>		0.32	0.083	mg/Kg	☆	06/02/22 09:49	06/03/22 12:34	1
<b>Copper</b>	<b>17</b>	<b>B</b>	0.63	0.18	mg/Kg	☆	06/02/22 09:49	06/03/22 12:34	1
<b>Iron</b>	<b>21000</b>		13	6.6	mg/Kg	☆	06/02/22 09:49	06/03/22 12:34	1
<b>Lead</b>	<b>15</b>		0.32	0.15	mg/Kg	☆	06/02/22 09:49	06/03/22 12:34	1
<b>Magnesium</b>	<b>3500</b>		6.3	3.1	mg/Kg	☆	06/02/22 09:49	06/03/22 12:34	1
<b>Manganese</b>	<b>250</b>		0.63	0.092	mg/Kg	☆	06/02/22 09:49	06/03/22 12:34	1
<b>Nickel</b>	<b>20</b>		0.63	0.18	mg/Kg	☆	06/02/22 09:49	06/03/22 12:34	1
<b>Potassium</b>	<b>1000</b>		32	11	mg/Kg	☆	06/02/22 09:49	06/03/22 12:34	1
Selenium	<0.63		0.63	0.37	mg/Kg	☆	06/02/22 09:49	06/03/22 12:34	1
<b>Silver</b>	<b>0.56</b>		0.32	0.082	mg/Kg	☆	06/02/22 09:49	06/03/22 12:34	1
<b>Sodium</b>	<b>500</b>		63	9.4	mg/Kg	☆	06/02/22 09:49	06/03/22 12:34	1
<b>Thallium</b>	<b>0.52</b>	<b>J</b>	0.63	0.32	mg/Kg	☆	06/02/22 09:49	06/03/22 12:34	1
<b>Vanadium</b>	<b>28</b>		0.32	0.075	mg/Kg	☆	06/02/22 09:49	06/03/22 12:34	1
<b>Zinc</b>	<b>68</b>		1.3	0.56	mg/Kg	☆	06/02/22 09:49	06/03/22 12:34	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/22 15:10	06/02/22 12:28	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/22 15:10	06/02/22 13:19	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.066</b>		0.020	0.0067	mg/Kg	☆	06/01/22 14:20	06/02/22 09:58	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>6.9</b>		0.2	0.2	SU			06/01/22 15:52	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217167-1

**Client Sample ID: ROW-137(0-4)-052522**

**Lab Sample ID: 500-217167-7**

**Date Collected: 05/25/22 02:50**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 82.9**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.019		0.019	0.0082	mg/Kg	☼	05/26/22 17:29	06/03/22 17:36	1
Benzene	<0.0019		0.0019	0.00048	mg/Kg	☼	05/26/22 17:29	06/03/22 17:36	1
Bromodichloromethane	<0.0019		0.0019	0.00038	mg/Kg	☼	05/26/22 17:29	06/03/22 17:36	1
Bromoform	<0.0019		0.0019	0.00055	mg/Kg	☼	05/26/22 17:29	06/03/22 17:36	1
Bromomethane	<0.0047		0.0047	0.0018	mg/Kg	☼	05/26/22 17:29	06/03/22 17:36	1
Carbon disulfide	<0.0047		0.0047	0.00097	mg/Kg	☼	05/26/22 17:29	06/03/22 17:36	1
Carbon tetrachloride	<0.0019		0.0019	0.00054	mg/Kg	☼	05/26/22 17:29	06/03/22 17:36	1
Chlorobenzene	<0.0019		0.0019	0.00069	mg/Kg	☼	05/26/22 17:29	06/03/22 17:36	1
Chloroethane	<0.0047		0.0047	0.0014	mg/Kg	☼	05/26/22 17:29	06/03/22 17:36	1
Chloroform	<0.0019		0.0019	0.00065	mg/Kg	☼	05/26/22 17:29	06/03/22 17:36	1
Chloromethane	<0.0047		0.0047	0.0019	mg/Kg	☼	05/26/22 17:29	06/03/22 17:36	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00052	mg/Kg	☼	05/26/22 17:29	06/03/22 17:36	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00056	mg/Kg	☼	05/26/22 17:29	06/03/22 17:36	1
Dibromochloromethane	<0.0019		0.0019	0.00061	mg/Kg	☼	05/26/22 17:29	06/03/22 17:36	1
1,1-Dichloroethane	<0.0019		0.0019	0.00064	mg/Kg	☼	05/26/22 17:29	06/03/22 17:36	1
1,2-Dichloroethane	<0.0047		0.0047	0.0015	mg/Kg	☼	05/26/22 17:29	06/03/22 17:36	1
1,1-Dichloroethene	<0.0019		0.0019	0.00064	mg/Kg	☼	05/26/22 17:29	06/03/22 17:36	1
1,2-Dichloropropane	<0.0019		0.0019	0.00048	mg/Kg	☼	05/26/22 17:29	06/03/22 17:36	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00066	mg/Kg	☼	05/26/22 17:29	06/03/22 17:36	1
Ethylbenzene	<0.0019		0.0019	0.00090	mg/Kg	☼	05/26/22 17:29	06/03/22 17:36	1
2-Hexanone	<0.0047		0.0047	0.0015	mg/Kg	☼	05/26/22 17:29	06/03/22 17:36	1
Methylene Chloride	<0.0047		0.0047	0.0018	mg/Kg	☼	05/26/22 17:29	06/03/22 17:36	1
Methyl Ethyl Ketone	<0.0047		0.0047	0.0021	mg/Kg	☼	05/26/22 17:29	06/03/22 17:36	1
methyl isobutyl ketone	<0.0047		0.0047	0.0014	mg/Kg	☼	05/26/22 17:29	06/03/22 17:36	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00055	mg/Kg	☼	05/26/22 17:29	06/03/22 17:36	1
Styrene	<0.0019		0.0019	0.00057	mg/Kg	☼	05/26/22 17:29	06/03/22 17:36	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00060	mg/Kg	☼	05/26/22 17:29	06/03/22 17:36	1
Tetrachloroethene	<0.0019		0.0019	0.00064	mg/Kg	☼	05/26/22 17:29	06/03/22 17:36	1
Toluene	<0.0019		0.0019	0.00047	mg/Kg	☼	05/26/22 17:29	06/03/22 17:36	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00083	mg/Kg	☼	05/26/22 17:29	06/03/22 17:36	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00066	mg/Kg	☼	05/26/22 17:29	06/03/22 17:36	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00063	mg/Kg	☼	05/26/22 17:29	06/03/22 17:36	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00080	mg/Kg	☼	05/26/22 17:29	06/03/22 17:36	1
Trichloroethene	<0.0019		0.0019	0.00063	mg/Kg	☼	05/26/22 17:29	06/03/22 17:36	1
Vinyl chloride	<0.0019		0.0019	0.00083	mg/Kg	☼	05/26/22 17:29	06/03/22 17:36	1
Xylenes, Total	<0.0037		0.0037	0.00060	mg/Kg	☼	05/26/22 17:29	06/03/22 17:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		75 - 131	05/26/22 17:29	06/03/22 17:36	1
Dibromofluoromethane (Surr)	110		75 - 126	05/26/22 17:29	06/03/22 17:36	1
1,2-Dichloroethane-d4 (Surr)	124		70 - 134	05/26/22 17:29	06/03/22 17:36	1
Toluene-d8 (Surr)	103		75 - 124	05/26/22 17:29	06/03/22 17:36	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	☼	06/07/22 14:25	06/08/22 19:54	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	☼	06/07/22 14:25	06/08/22 19:54	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	☼	06/07/22 14:25	06/08/22 19:54	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	☼	06/07/22 14:25	06/08/22 19:54	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.045	mg/Kg	☼	06/07/22 14:25	06/08/22 19:54	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217167-1

**Client Sample ID: ROW-137(0-4)-052522**

**Lab Sample ID: 500-217167-7**

**Date Collected: 05/25/22 02:50**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 82.9**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.088	mg/Kg	✳	06/07/22 14:25	06/08/22 19:54	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	✳	06/07/22 14:25	06/08/22 19:54	1
2,4-Dichlorophenol	<0.38		0.38	0.091	mg/Kg	✳	06/07/22 14:25	06/08/22 19:54	1
2,4-Dimethylphenol	<0.38		0.38	0.15	mg/Kg	✳	06/07/22 14:25	06/08/22 19:54	1
2,4-Dinitrophenol	<0.78		0.78	0.68	mg/Kg	✳	06/07/22 14:25	06/08/22 19:54	1
2,4-Dinitrotoluene	<0.19		0.19	0.061	mg/Kg	✳	06/07/22 14:25	06/08/22 19:54	1
2,6-Dinitrotoluene	<0.19		0.19	0.076	mg/Kg	✳	06/07/22 14:25	06/08/22 19:54	1
2-Chloronaphthalene	<0.19		0.19	0.043	mg/Kg	✳	06/07/22 14:25	06/08/22 19:54	1
2-Chlorophenol	<0.19		0.19	0.066	mg/Kg	✳	06/07/22 14:25	06/08/22 19:54	1
2-Methylnaphthalene	<0.078		0.078	0.0071	mg/Kg	✳	06/07/22 14:25	06/08/22 19:54	1
2-Methylphenol	<0.19		0.19	0.062	mg/Kg	✳	06/07/22 14:25	06/08/22 19:54	1
2-Nitroaniline	<0.19		0.19	0.052	mg/Kg	✳	06/07/22 14:25	06/08/22 19:54	1
2-Nitrophenol	<0.38		0.38	0.091	mg/Kg	✳	06/07/22 14:25	06/08/22 19:54	1
3 & 4 Methylphenol	<0.19		0.19	0.064	mg/Kg	✳	06/07/22 14:25	06/08/22 19:54	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.054	mg/Kg	✳	06/07/22 14:25	06/08/22 19:54	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	✳	06/07/22 14:25	06/08/22 19:54	1
4,6-Dinitro-2-methylphenol	<0.78		0.78	0.31	mg/Kg	✳	06/07/22 14:25	06/08/22 19:54	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.051	mg/Kg	✳	06/07/22 14:25	06/08/22 19:54	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	✳	06/07/22 14:25	06/08/22 19:54	1
4-Chloroaniline	<0.78		0.78	0.18	mg/Kg	✳	06/07/22 14:25	06/08/22 19:54	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	✳	06/07/22 14:25	06/08/22 19:54	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	✳	06/07/22 14:25	06/08/22 19:54	1
4-Nitrophenol	<0.78		0.78	0.37	mg/Kg	✳	06/07/22 14:25	06/08/22 19:54	1
Acenaphthene	<0.038		0.038	0.0069	mg/Kg	✳	06/07/22 14:25	06/08/22 19:54	1
Acenaphthylene	<0.038		0.038	0.0051	mg/Kg	✳	06/07/22 14:25	06/08/22 19:54	1
Anthracene	<0.038		0.038	0.0064	mg/Kg	✳	06/07/22 14:25	06/08/22 19:54	1
Benzo[a]anthracene	<0.038		0.038	0.0052	mg/Kg	✳	06/07/22 14:25	06/08/22 19:54	1
Benzo[a]pyrene	<0.038		0.038	0.0075	mg/Kg	✳	06/07/22 14:25	06/08/22 19:54	1
Benzo[b]fluoranthene	<0.038		0.038	0.0083	mg/Kg	✳	06/07/22 14:25	06/08/22 19:54	1
Benzo[g,h,i]perylene	<0.038		0.038	0.012	mg/Kg	✳	06/07/22 14:25	06/08/22 19:54	1
Benzo[k]fluoranthene	<0.038		0.038	0.011	mg/Kg	✳	06/07/22 14:25	06/08/22 19:54	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	✳	06/07/22 14:25	06/08/22 19:54	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.058	mg/Kg	✳	06/07/22 14:25	06/08/22 19:54	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.070	mg/Kg	✳	06/07/22 14:25	06/08/22 19:54	1
Butyl benzyl phthalate	<0.19		0.19	0.073	mg/Kg	✳	06/07/22 14:25	06/08/22 19:54	1
Carbazole	<0.19		0.19	0.096	mg/Kg	✳	06/07/22 14:25	06/08/22 19:54	1
Chrysene	<0.038		0.038	0.011	mg/Kg	✳	06/07/22 14:25	06/08/22 19:54	1
Dibenz(a,h)anthracene	<0.038		0.038	0.0074	mg/Kg	✳	06/07/22 14:25	06/08/22 19:54	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	✳	06/07/22 14:25	06/08/22 19:54	1
Diethyl phthalate	<0.19		0.19	0.065	mg/Kg	✳	06/07/22 14:25	06/08/22 19:54	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	✳	06/07/22 14:25	06/08/22 19:54	1
Di-n-butyl phthalate	<0.19		0.19	0.059	mg/Kg	✳	06/07/22 14:25	06/08/22 19:54	1
Di-n-octyl phthalate	<0.19		0.19	0.063	mg/Kg	✳	06/07/22 14:25	06/08/22 19:54	1
Fluoranthene	<0.038		0.038	0.0071	mg/Kg	✳	06/07/22 14:25	06/08/22 19:54	1
Fluorene	<0.038		0.038	0.0054	mg/Kg	✳	06/07/22 14:25	06/08/22 19:54	1
Hexachlorobenzene	<0.078		0.078	0.0089	mg/Kg	✳	06/07/22 14:25	06/08/22 19:54	1
Hexachlorobutadiene	<0.19		0.19	0.061	mg/Kg	✳	06/07/22 14:25	06/08/22 19:54	1
Hexachlorocyclopentadiene	<0.78		0.78	0.22	mg/Kg	✳	06/07/22 14:25	06/08/22 19:54	1
Hexachloroethane	<0.19		0.19	0.059	mg/Kg	✳	06/07/22 14:25	06/08/22 19:54	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217167-1

**Client Sample ID: ROW-137(0-4)-052522**

**Lab Sample ID: 500-217167-7**

**Date Collected: 05/25/22 02:50**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 82.9**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.038		0.038	0.010	mg/Kg	☼	06/07/22 14:25	06/08/22 19:54	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	06/07/22 14:25	06/08/22 19:54	1
Naphthalene	<0.038		0.038	0.0059	mg/Kg	☼	06/07/22 14:25	06/08/22 19:54	1
Nitrobenzene	<0.038		0.038	0.0096	mg/Kg	☼	06/07/22 14:25	06/08/22 19:54	1
N-Nitrosodi-n-propylamine	<0.078		0.078	0.047	mg/Kg	☼	06/07/22 14:25	06/08/22 19:54	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	☼	06/07/22 14:25	06/08/22 19:54	1
Pentachlorophenol	<0.78		0.78	0.62	mg/Kg	☼	06/07/22 14:25	06/08/22 19:54	1
<b>Phenanthrene</b>	<b>0.010</b>	<b>J</b>	0.038	0.0054	mg/Kg	☼	06/07/22 14:25	06/08/22 19:54	1
Phenol	<0.19		0.19	0.086	mg/Kg	☼	06/07/22 14:25	06/08/22 19:54	1
Pyrene	<0.038		0.038	0.0076	mg/Kg	☼	06/07/22 14:25	06/08/22 19:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	159	S1+	31 - 143	06/07/22 14:25	06/08/22 19:54	1
2-Fluorobiphenyl (Surr)	67		43 - 145	06/07/22 14:25	06/08/22 19:54	1
2-Fluorophenol (Surr)	93		31 - 166	06/07/22 14:25	06/08/22 19:54	1
Nitrobenzene-d5 (Surr)	64		37 - 147	06/07/22 14:25	06/08/22 19:54	1
Phenol-d5 (Surr)	80		30 - 153	06/07/22 14:25	06/08/22 19:54	1
Terphenyl-d14 (Surr)	101		42 - 157	06/07/22 14:25	06/08/22 19:54	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/01/22 19:38	06/02/22 12:37	1
<b>Barium</b>	<b>0.94</b>		0.50	0.050	mg/L		06/01/22 19:38	06/02/22 12:37	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/01/22 19:38	06/02/22 12:37	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/22 19:38	06/02/22 12:37	1
Chromium	<0.025		0.025	0.010	mg/L		06/01/22 19:38	06/02/22 12:37	1
<b>Cobalt</b>	<b>0.019</b>	<b>J</b>	0.025	0.010	mg/L		06/01/22 19:38	06/02/22 12:37	1
<b>Copper</b>	<b>0.011</b>	<b>J</b>	0.025	0.010	mg/L		06/01/22 19:38	06/02/22 12:37	1
Iron	<0.40		0.40	0.20	mg/L		06/01/22 19:38	06/02/22 12:37	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/01/22 19:38	06/02/22 12:37	1
<b>Manganese</b>	<b>4.4</b>		0.025	0.010	mg/L		06/01/22 19:38	06/02/22 12:37	1
<b>Nickel</b>	<b>0.014</b>	<b>J</b>	0.025	0.010	mg/L		06/01/22 19:38	06/02/22 12:37	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/22 19:38	06/02/22 12:37	1
Silver	<0.025		0.025	0.010	mg/L		06/01/22 19:38	06/02/22 12:37	1
Zinc	<0.50		0.50	0.020	mg/L		06/01/22 19:38	06/02/22 12:37	1

**Method: 6010B - Metals (ICP) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.042</b>	<b>J</b>	0.050	0.010	mg/L		06/01/22 19:40	06/02/22 18:53	1
<b>Barium</b>	<b>0.61</b>		0.50	0.050	mg/L		06/01/22 19:40	06/02/22 18:53	1
<b>Beryllium</b>	<b>0.0079</b>		0.0040	0.0040	mg/L		06/01/22 19:40	06/02/22 18:53	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/22 19:40	06/02/22 18:53	1
<b>Chromium</b>	<b>0.16</b>		0.025	0.010	mg/L		06/01/22 19:40	06/02/22 18:53	1
<b>Cobalt</b>	<b>0.066</b>		0.025	0.010	mg/L		06/01/22 19:40	06/02/22 18:53	1
<b>Copper</b>	<b>0.11</b>		0.025	0.010	mg/L		06/01/22 19:40	06/02/22 18:53	1
<b>Iron</b>	<b>130</b>		0.40	0.20	mg/L		06/01/22 19:40	06/02/22 18:53	1
<b>Lead</b>	<b>0.068</b>		0.0075	0.0075	mg/L		06/01/22 19:40	06/02/22 18:53	1
<b>Manganese</b>	<b>1.6</b>		0.025	0.010	mg/L		06/01/22 19:40	06/02/22 18:53	1
<b>Nickel</b>	<b>0.16</b>		0.025	0.010	mg/L		06/01/22 19:40	06/02/22 18:53	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/22 19:40	06/02/22 18:53	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217167-1

**Client Sample ID: ROW-137(0-4)-052522**

**Lab Sample ID: 500-217167-7**

Date Collected: 05/25/22 02:50

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 82.9

### Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/01/22 19:40	06/02/22 18:53	1
<b>Zinc</b>	<b>0.31</b>	<b>J</b>	0.50	0.020	mg/L		06/01/22 19:40	06/02/22 18:53	1

### Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>12000</b>		11	4.6	mg/Kg	☆	06/02/22 09:49	06/03/22 12:37	1
Antimony	<1.1		1.1	0.22	mg/Kg	☆	06/02/22 09:49	06/03/22 12:37	1
<b>Arsenic</b>	<b>6.4</b>		0.56	0.19	mg/Kg	☆	06/02/22 09:49	06/03/22 12:37	1
<b>Barium</b>	<b>96</b>		0.56	0.064	mg/Kg	☆	06/02/22 09:49	06/03/22 12:37	1
<b>Beryllium</b>	<b>0.70</b>		0.23	0.053	mg/Kg	☆	06/02/22 09:49	06/03/22 12:37	1
Cadmium	<0.11		0.11	0.020	mg/Kg	☆	06/02/22 09:49	06/03/22 12:37	1
<b>Calcium</b>	<b>8200</b>		11	1.9	mg/Kg	☆	06/02/22 09:49	06/03/22 12:37	1
<b>Chromium</b>	<b>14</b>		0.56	0.28	mg/Kg	☆	06/02/22 09:49	06/03/22 12:37	1
<b>Cobalt</b>	<b>7.1</b>		0.28	0.074	mg/Kg	☆	06/02/22 09:49	06/03/22 12:37	1
<b>Copper</b>	<b>13</b>	<b>B</b>	0.56	0.16	mg/Kg	☆	06/02/22 09:49	06/03/22 12:37	1
<b>Iron</b>	<b>16000</b>		11	5.9	mg/Kg	☆	06/02/22 09:49	06/03/22 12:37	1
<b>Lead</b>	<b>11</b>		0.28	0.13	mg/Kg	☆	06/02/22 09:49	06/03/22 12:37	1
<b>Magnesium</b>	<b>5400</b>		5.6	2.8	mg/Kg	☆	06/02/22 09:49	06/03/22 12:37	1
<b>Manganese</b>	<b>140</b>		0.56	0.082	mg/Kg	☆	06/02/22 09:49	06/03/22 12:37	1
<b>Nickel</b>	<b>17</b>		0.56	0.16	mg/Kg	☆	06/02/22 09:49	06/03/22 12:37	1
<b>Potassium</b>	<b>940</b>		28	10	mg/Kg	☆	06/02/22 09:49	06/03/22 12:37	1
Selenium	<0.56		0.56	0.33	mg/Kg	☆	06/02/22 09:49	06/03/22 12:37	1
<b>Silver</b>	<b>0.34</b>		0.28	0.073	mg/Kg	☆	06/02/22 09:49	06/03/22 12:37	1
<b>Sodium</b>	<b>870</b>		56	8.3	mg/Kg	☆	06/02/22 09:49	06/03/22 12:37	1
Thallium	<0.56		0.56	0.28	mg/Kg	☆	06/02/22 09:49	06/03/22 12:37	1
<b>Vanadium</b>	<b>26</b>		0.28	0.066	mg/Kg	☆	06/02/22 09:49	06/03/22 12:37	1
<b>Zinc</b>	<b>48</b>		1.1	0.49	mg/Kg	☆	06/02/22 09:49	06/03/22 12:37	1

### Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/22 15:10	06/02/22 12:30	1

### Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/22 15:10	06/02/22 13:22	1

### Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.037</b>		0.018	0.0059	mg/Kg	☆	06/01/22 14:20	06/02/22 10:00	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>7.7</b>		0.2	0.2	SU			06/01/22 15:54	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217167-1

**Client Sample ID: ROW-137(4-9)-052522**

**Lab Sample ID: 500-217167-8**

**Date Collected: 05/25/22 02:55**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 83.5**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>0.024</b>		0.018	0.0078	mg/Kg	☼	05/26/22 17:29	06/03/22 18:02	1
Benzene	<0.0018		0.0018	0.00046	mg/Kg	☼	05/26/22 17:29	06/03/22 18:02	1
Bromodichloromethane	<0.0018		0.0018	0.00036	mg/Kg	☼	05/26/22 17:29	06/03/22 18:02	1
Bromoform	<0.0018		0.0018	0.00052	mg/Kg	☼	05/26/22 17:29	06/03/22 18:02	1
Bromomethane	<0.0045		0.0045	0.0017	mg/Kg	☼	05/26/22 17:29	06/03/22 18:02	1
Carbon disulfide	<0.0045		0.0045	0.00093	mg/Kg	☼	05/26/22 17:29	06/03/22 18:02	1
Carbon tetrachloride	<0.0018		0.0018	0.00052	mg/Kg	☼	05/26/22 17:29	06/03/22 18:02	1
Chlorobenzene	<0.0018		0.0018	0.00066	mg/Kg	☼	05/26/22 17:29	06/03/22 18:02	1
Chloroethane	<0.0045		0.0045	0.0013	mg/Kg	☼	05/26/22 17:29	06/03/22 18:02	1
Chloroform	<0.0018		0.0018	0.00062	mg/Kg	☼	05/26/22 17:29	06/03/22 18:02	1
Chloromethane	<0.0045		0.0045	0.0018	mg/Kg	☼	05/26/22 17:29	06/03/22 18:02	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00050	mg/Kg	☼	05/26/22 17:29	06/03/22 18:02	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00054	mg/Kg	☼	05/26/22 17:29	06/03/22 18:02	1
Dibromochloromethane	<0.0018		0.0018	0.00058	mg/Kg	☼	05/26/22 17:29	06/03/22 18:02	1
1,1-Dichloroethane	<0.0018		0.0018	0.00061	mg/Kg	☼	05/26/22 17:29	06/03/22 18:02	1
1,2-Dichloroethane	<0.0045		0.0045	0.0014	mg/Kg	☼	05/26/22 17:29	06/03/22 18:02	1
1,1-Dichloroethene	<0.0018		0.0018	0.00062	mg/Kg	☼	05/26/22 17:29	06/03/22 18:02	1
1,2-Dichloropropane	<0.0018		0.0018	0.00046	mg/Kg	☼	05/26/22 17:29	06/03/22 18:02	1
1,3-Dichloropropane, Total	<0.0018		0.0018	0.00063	mg/Kg	☼	05/26/22 17:29	06/03/22 18:02	1
Ethylbenzene	<0.0018		0.0018	0.00086	mg/Kg	☼	05/26/22 17:29	06/03/22 18:02	1
2-Hexanone	<0.0045		0.0045	0.0014	mg/Kg	☼	05/26/22 17:29	06/03/22 18:02	1
Methylene Chloride	<0.0045		0.0045	0.0018	mg/Kg	☼	05/26/22 17:29	06/03/22 18:02	1
Methyl Ethyl Ketone	<0.0045		0.0045	0.0020	mg/Kg	☼	05/26/22 17:29	06/03/22 18:02	1
methyl isobutyl ketone	<0.0045		0.0045	0.0013	mg/Kg	☼	05/26/22 17:29	06/03/22 18:02	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00052	mg/Kg	☼	05/26/22 17:29	06/03/22 18:02	1
Styrene	<0.0018		0.0018	0.00054	mg/Kg	☼	05/26/22 17:29	06/03/22 18:02	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00057	mg/Kg	☼	05/26/22 17:29	06/03/22 18:02	1
Tetrachloroethene	<0.0018		0.0018	0.00061	mg/Kg	☼	05/26/22 17:29	06/03/22 18:02	1
Toluene	<0.0018		0.0018	0.00045	mg/Kg	☼	05/26/22 17:29	06/03/22 18:02	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00079	mg/Kg	☼	05/26/22 17:29	06/03/22 18:02	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00063	mg/Kg	☼	05/26/22 17:29	06/03/22 18:02	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00060	mg/Kg	☼	05/26/22 17:29	06/03/22 18:02	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00077	mg/Kg	☼	05/26/22 17:29	06/03/22 18:02	1
Trichloroethene	<0.0018		0.0018	0.00060	mg/Kg	☼	05/26/22 17:29	06/03/22 18:02	1
Vinyl chloride	<0.0018		0.0018	0.00079	mg/Kg	☼	05/26/22 17:29	06/03/22 18:02	1
Xylenes, Total	<0.0036		0.0036	0.00057	mg/Kg	☼	05/26/22 17:29	06/03/22 18:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>4-Bromofluorobenzene (Surr)</i>	108		75 - 131	05/26/22 17:29	06/03/22 18:02	1
<i>Dibromofluoromethane (Surr)</i>	109		75 - 126	05/26/22 17:29	06/03/22 18:02	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	119		70 - 134	05/26/22 17:29	06/03/22 18:02	1
<i>Toluene-d8 (Surr)</i>	97		75 - 124	05/26/22 17:29	06/03/22 18:02	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	☼	06/07/22 14:25	06/08/22 20:19	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	☼	06/07/22 14:25	06/08/22 20:19	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	06/07/22 14:25	06/08/22 20:19	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	☼	06/07/22 14:25	06/08/22 20:19	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	☼	06/07/22 14:25	06/08/22 20:19	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217167-1

**Client Sample ID: ROW-137(4-9)-052522**

**Lab Sample ID: 500-217167-8**

**Date Collected: 05/25/22 02:55**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 83.5**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.085	mg/Kg	☆	06/07/22 14:25	06/08/22 20:19	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	☆	06/07/22 14:25	06/08/22 20:19	1
2,4-Dichlorophenol	<0.37		0.37	0.089	mg/Kg	☆	06/07/22 14:25	06/08/22 20:19	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	☆	06/07/22 14:25	06/08/22 20:19	1
2,4-Dinitrophenol	<0.75		0.75	0.66	mg/Kg	☆	06/07/22 14:25	06/08/22 20:19	1
2,4-Dinitrotoluene	<0.19		0.19	0.059	mg/Kg	☆	06/07/22 14:25	06/08/22 20:19	1
2,6-Dinitrotoluene	<0.19		0.19	0.073	mg/Kg	☆	06/07/22 14:25	06/08/22 20:19	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	☆	06/07/22 14:25	06/08/22 20:19	1
2-Chlorophenol	<0.19		0.19	0.064	mg/Kg	☆	06/07/22 14:25	06/08/22 20:19	1
2-Methylnaphthalene	<0.075		0.075	0.0069	mg/Kg	☆	06/07/22 14:25	06/08/22 20:19	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	☆	06/07/22 14:25	06/08/22 20:19	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	☆	06/07/22 14:25	06/08/22 20:19	1
2-Nitrophenol	<0.37		0.37	0.088	mg/Kg	☆	06/07/22 14:25	06/08/22 20:19	1
3 & 4 Methylphenol	<0.19		0.19	0.062	mg/Kg	☆	06/07/22 14:25	06/08/22 20:19	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.052	mg/Kg	☆	06/07/22 14:25	06/08/22 20:19	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	☆	06/07/22 14:25	06/08/22 20:19	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.30	mg/Kg	☆	06/07/22 14:25	06/08/22 20:19	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	☆	06/07/22 14:25	06/08/22 20:19	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	☆	06/07/22 14:25	06/08/22 20:19	1
4-Chloroaniline	<0.75		0.75	0.18	mg/Kg	☆	06/07/22 14:25	06/08/22 20:19	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	☆	06/07/22 14:25	06/08/22 20:19	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	☆	06/07/22 14:25	06/08/22 20:19	1
4-Nitrophenol	<0.75		0.75	0.36	mg/Kg	☆	06/07/22 14:25	06/08/22 20:19	1
Acenaphthene	<0.037		0.037	0.0067	mg/Kg	☆	06/07/22 14:25	06/08/22 20:19	1
Acenaphthylene	<0.037		0.037	0.0049	mg/Kg	☆	06/07/22 14:25	06/08/22 20:19	1
<b>Anthracene</b>	<b>0.010</b>	<b>J</b>	0.037	0.0062	mg/Kg	☆	06/07/22 14:25	06/08/22 20:19	1
<b>Benzo[a]anthracene</b>	<b>0.062</b>		0.037	0.0050	mg/Kg	☆	06/07/22 14:25	06/08/22 20:19	1
<b>Benzo[a]pyrene</b>	<b>0.045</b>		0.037	0.0072	mg/Kg	☆	06/07/22 14:25	06/08/22 20:19	1
<b>Benzo[b]fluoranthene</b>	<b>0.071</b>		0.037	0.0081	mg/Kg	☆	06/07/22 14:25	06/08/22 20:19	1
<b>Benzo[g,h,i]perylene</b>	<b>0.028</b>	<b>J</b>	0.037	0.012	mg/Kg	☆	06/07/22 14:25	06/08/22 20:19	1
<b>Benzo[k]fluoranthene</b>	<b>0.027</b>	<b>J</b>	0.037	0.011	mg/Kg	☆	06/07/22 14:25	06/08/22 20:19	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	☆	06/07/22 14:25	06/08/22 20:19	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	☆	06/07/22 14:25	06/08/22 20:19	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.068	mg/Kg	☆	06/07/22 14:25	06/08/22 20:19	1
Butyl benzyl phthalate	<0.19		0.19	0.071	mg/Kg	☆	06/07/22 14:25	06/08/22 20:19	1
Carbazole	<0.19		0.19	0.093	mg/Kg	☆	06/07/22 14:25	06/08/22 20:19	1
<b>Chrysene</b>	<b>0.052</b>		0.037	0.010	mg/Kg	☆	06/07/22 14:25	06/08/22 20:19	1
<b>Dibenz(a,h)anthracene</b>	<b>0.0075</b>	<b>J</b>	0.037	0.0072	mg/Kg	☆	06/07/22 14:25	06/08/22 20:19	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	☆	06/07/22 14:25	06/08/22 20:19	1
Diethyl phthalate	<0.19		0.19	0.063	mg/Kg	☆	06/07/22 14:25	06/08/22 20:19	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	☆	06/07/22 14:25	06/08/22 20:19	1
<b>Di-n-butyl phthalate</b>	<b>0.23</b>		0.19	0.057	mg/Kg	☆	06/07/22 14:25	06/08/22 20:19	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	☆	06/07/22 14:25	06/08/22 20:19	1
<b>Fluoranthene</b>	<b>0.12</b>		0.037	0.0069	mg/Kg	☆	06/07/22 14:25	06/08/22 20:19	1
<b>Fluorene</b>	<b>0.0055</b>	<b>J</b>	0.037	0.0052	mg/Kg	☆	06/07/22 14:25	06/08/22 20:19	1
Hexachlorobenzene	<0.075		0.075	0.0087	mg/Kg	☆	06/07/22 14:25	06/08/22 20:19	1
Hexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	☆	06/07/22 14:25	06/08/22 20:19	1
Hexachlorocyclopentadiene	<0.75		0.75	0.21	mg/Kg	☆	06/07/22 14:25	06/08/22 20:19	1
Hexachloroethane	<0.19		0.19	0.057	mg/Kg	☆	06/07/22 14:25	06/08/22 20:19	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217167-1

**Client Sample ID: ROW-137(4-9)-052522**

**Lab Sample ID: 500-217167-8**

Date Collected: 05/25/22 02:55

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 83.5

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.024</b>	<b>J</b>	0.037	0.0097	mg/Kg	☼	06/07/22 14:25	06/08/22 20:19	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	06/07/22 14:25	06/08/22 20:19	1
Naphthalene	<0.037		0.037	0.0057	mg/Kg	☼	06/07/22 14:25	06/08/22 20:19	1
Nitrobenzene	<0.037		0.037	0.0093	mg/Kg	☼	06/07/22 14:25	06/08/22 20:19	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.046	mg/Kg	☼	06/07/22 14:25	06/08/22 20:19	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☼	06/07/22 14:25	06/08/22 20:19	1
Pentachlorophenol	<0.75		0.75	0.60	mg/Kg	☼	06/07/22 14:25	06/08/22 20:19	1
<b>Phenanthrene</b>	<b>0.056</b>		0.037	0.0052	mg/Kg	☼	06/07/22 14:25	06/08/22 20:19	1
Phenol	<0.19		0.19	0.083	mg/Kg	☼	06/07/22 14:25	06/08/22 20:19	1
<b>Pyrene</b>	<b>0.058</b>		0.037	0.0074	mg/Kg	☼	06/07/22 14:25	06/08/22 20:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	140		31 - 143	06/07/22 14:25	06/08/22 20:19	1
2-Fluorobiphenyl (Surr)	55		43 - 145	06/07/22 14:25	06/08/22 20:19	1
2-Fluorophenol (Surr)	77		31 - 166	06/07/22 14:25	06/08/22 20:19	1
Nitrobenzene-d5 (Surr)	48		37 - 147	06/07/22 14:25	06/08/22 20:19	1
Phenol-d5 (Surr)	66		30 - 153	06/07/22 14:25	06/08/22 20:19	1
Terphenyl-d14 (Surr)	84		42 - 157	06/07/22 14:25	06/08/22 20:19	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/01/22 19:38	06/02/22 13:07	1
<b>Barium</b>	<b>0.46</b>	<b>J</b>	0.50	0.050	mg/L		06/01/22 19:38	06/02/22 13:07	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/01/22 19:38	06/02/22 13:07	1
<b>Cadmium</b>	<b>0.0020</b>	<b>J</b>	0.0050	0.0020	mg/L		06/01/22 19:38	06/02/22 13:07	1
Chromium	<0.025		0.025	0.010	mg/L		06/01/22 19:38	06/02/22 13:07	1
Cobalt	<0.025		0.025	0.010	mg/L		06/01/22 19:38	06/02/22 13:07	1
<b>Copper</b>	<b>0.010</b>	<b>J</b>	0.025	0.010	mg/L		06/01/22 19:38	06/02/22 13:07	1
Iron	<0.40		0.40	0.20	mg/L		06/01/22 19:38	06/02/22 13:07	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/01/22 19:38	06/02/22 13:07	1
<b>Manganese</b>	<b>2.7</b>		0.025	0.010	mg/L		06/01/22 19:38	06/02/22 13:07	1
<b>Nickel</b>	<b>0.021</b>	<b>J</b>	0.025	0.010	mg/L		06/01/22 19:38	06/02/22 13:07	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/22 19:38	06/02/22 13:07	1
Silver	<0.025		0.025	0.010	mg/L		06/01/22 19:38	06/02/22 13:07	1
<b>Zinc</b>	<b>0.040</b>	<b>J</b>	0.50	0.020	mg/L		06/01/22 19:38	06/02/22 13:07	1

**Method: 6010B - Metals (ICP) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.044</b>	<b>J</b>	0.050	0.010	mg/L		06/01/22 19:40	06/02/22 19:02	1
<b>Barium</b>	<b>0.54</b>		0.50	0.050	mg/L		06/01/22 19:40	06/02/22 19:02	1
<b>Beryllium</b>	<b>0.0058</b>		0.0040	0.0040	mg/L		06/01/22 19:40	06/02/22 19:02	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/22 19:40	06/02/22 19:02	1
<b>Chromium</b>	<b>0.17</b>		0.025	0.010	mg/L		06/01/22 19:40	06/02/22 19:02	1
<b>Cobalt</b>	<b>0.043</b>		0.025	0.010	mg/L		06/01/22 19:40	06/02/22 19:02	1
<b>Copper</b>	<b>0.13</b>		0.025	0.010	mg/L		06/01/22 19:40	06/02/22 19:02	1
<b>Iron</b>	<b>140</b>		0.40	0.20	mg/L		06/01/22 19:40	06/02/22 19:02	1
<b>Lead</b>	<b>0.047</b>		0.0075	0.0075	mg/L		06/01/22 19:40	06/02/22 19:02	1
<b>Manganese</b>	<b>0.91</b>		0.025	0.010	mg/L		06/01/22 19:40	06/02/22 19:02	1
<b>Nickel</b>	<b>0.15</b>		0.025	0.010	mg/L		06/01/22 19:40	06/02/22 19:02	1
Selenium	<0.050	F1	0.050	0.020	mg/L		06/01/22 19:40	06/02/22 19:02	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217167-1

**Client Sample ID: ROW-137(4-9)-052522**

**Lab Sample ID: 500-217167-8**

Date Collected: 05/25/22 02:55

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 83.5

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/01/22 19:40	06/02/22 19:02	1
Zinc	0.38	J ^+	0.50	0.020	mg/L		06/01/22 19:40	06/02/22 19:02	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7900		11	4.6	mg/Kg	☆	06/02/22 09:49	06/03/22 12:40	1
Antimony	0.37	J	1.1	0.22	mg/Kg	☆	06/02/22 09:49	06/03/22 12:40	1
Arsenic	6.3		0.56	0.19	mg/Kg	☆	06/02/22 09:49	06/03/22 12:40	1
Barium	74		0.56	0.064	mg/Kg	☆	06/02/22 09:49	06/03/22 12:40	1
Beryllium	0.56		0.23	0.053	mg/Kg	☆	06/02/22 09:49	06/03/22 12:40	1
Cadmium	<0.11		0.11	0.020	mg/Kg	☆	06/02/22 09:49	06/03/22 12:40	1
Calcium	3200		11	1.9	mg/Kg	☆	06/02/22 09:49	06/03/22 12:40	1
Chromium	15		0.56	0.28	mg/Kg	☆	06/02/22 09:49	06/03/22 12:40	1
Cobalt	7.3		0.28	0.074	mg/Kg	☆	06/02/22 09:49	06/03/22 12:40	1
Copper	17	B	0.56	0.16	mg/Kg	☆	06/02/22 09:49	06/03/22 12:40	1
Iron	15000		11	5.9	mg/Kg	☆	06/02/22 09:49	06/03/22 12:40	1
Lead	11		0.28	0.13	mg/Kg	☆	06/02/22 09:49	06/03/22 12:40	1
Magnesium	2800		5.6	2.8	mg/Kg	☆	06/02/22 09:49	06/03/22 12:40	1
Manganese	280		0.56	0.082	mg/Kg	☆	06/02/22 09:49	06/03/22 12:40	1
Nickel	22		0.56	0.16	mg/Kg	☆	06/02/22 09:49	06/03/22 12:40	1
Potassium	550		28	10	mg/Kg	☆	06/02/22 09:49	06/03/22 12:40	1
Selenium	<0.56		0.56	0.33	mg/Kg	☆	06/02/22 09:49	06/03/22 12:40	1
Silver	0.35		0.28	0.073	mg/Kg	☆	06/02/22 09:49	06/03/22 12:40	1
Sodium	490		56	8.3	mg/Kg	☆	06/02/22 09:49	06/03/22 12:40	1
Thallium	<0.56		0.56	0.28	mg/Kg	☆	06/02/22 09:49	06/03/22 12:40	1
Vanadium	27		0.28	0.066	mg/Kg	☆	06/02/22 09:49	06/03/22 12:40	1
Zinc	49		1.1	0.49	mg/Kg	☆	06/02/22 09:49	06/03/22 12:40	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/22 15:10	06/02/22 12:33	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/22 15:10	06/02/22 13:24	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.069		0.018	0.0062	mg/Kg	☆	06/01/22 14:20	06/02/22 10:02	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.6		0.2	0.2	SU			06/01/22 15:57	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217167-1

**Client Sample ID: ROW-137(0-4)-052522D**

**Lab Sample ID: 500-217167-9**

**Date Collected: 05/25/22 02:50**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 83.5**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>0.021</b>		0.018	0.0077	mg/Kg	☆	05/26/22 17:29	06/03/22 18:28	1
Benzene	<0.0018		0.0018	0.00045	mg/Kg	☆	05/26/22 17:29	06/03/22 18:28	1
Bromodichloromethane	<0.0018		0.0018	0.00036	mg/Kg	☆	05/26/22 17:29	06/03/22 18:28	1
Bromoform	<0.0018		0.0018	0.00052	mg/Kg	☆	05/26/22 17:29	06/03/22 18:28	1
Bromomethane	<0.0044		0.0044	0.0017	mg/Kg	☆	05/26/22 17:29	06/03/22 18:28	1
Carbon disulfide	<0.0044		0.0044	0.00092	mg/Kg	☆	05/26/22 17:29	06/03/22 18:28	1
Carbon tetrachloride	<0.0018		0.0018	0.00052	mg/Kg	☆	05/26/22 17:29	06/03/22 18:28	1
Chlorobenzene	<0.0018		0.0018	0.00066	mg/Kg	☆	05/26/22 17:29	06/03/22 18:28	1
Chloroethane	<0.0044		0.0044	0.0013	mg/Kg	☆	05/26/22 17:29	06/03/22 18:28	1
Chloroform	<0.0018		0.0018	0.00062	mg/Kg	☆	05/26/22 17:29	06/03/22 18:28	1
Chloromethane	<0.0044		0.0044	0.0018	mg/Kg	☆	05/26/22 17:29	06/03/22 18:28	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00050	mg/Kg	☆	05/26/22 17:29	06/03/22 18:28	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00054	mg/Kg	☆	05/26/22 17:29	06/03/22 18:28	1
Dibromochloromethane	<0.0018		0.0018	0.00058	mg/Kg	☆	05/26/22 17:29	06/03/22 18:28	1
1,1-Dichloroethane	<0.0018		0.0018	0.00061	mg/Kg	☆	05/26/22 17:29	06/03/22 18:28	1
1,2-Dichloroethane	<0.0044		0.0044	0.0014	mg/Kg	☆	05/26/22 17:29	06/03/22 18:28	1
1,1-Dichloroethene	<0.0018		0.0018	0.00061	mg/Kg	☆	05/26/22 17:29	06/03/22 18:28	1
1,2-Dichloropropane	<0.0018		0.0018	0.00046	mg/Kg	☆	05/26/22 17:29	06/03/22 18:28	1
1,3-Dichloropropane, Total	<0.0018		0.0018	0.00062	mg/Kg	☆	05/26/22 17:29	06/03/22 18:28	1
Ethylbenzene	<0.0018		0.0018	0.00085	mg/Kg	☆	05/26/22 17:29	06/03/22 18:28	1
2-Hexanone	<0.0044		0.0044	0.0014	mg/Kg	☆	05/26/22 17:29	06/03/22 18:28	1
Methylene Chloride	<0.0044		0.0044	0.0017	mg/Kg	☆	05/26/22 17:29	06/03/22 18:28	1
Methyl Ethyl Ketone	<0.0044		0.0044	0.0020	mg/Kg	☆	05/26/22 17:29	06/03/22 18:28	1
methyl isobutyl ketone	<0.0044		0.0044	0.0013	mg/Kg	☆	05/26/22 17:29	06/03/22 18:28	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00052	mg/Kg	☆	05/26/22 17:29	06/03/22 18:28	1
Styrene	<0.0018		0.0018	0.00054	mg/Kg	☆	05/26/22 17:29	06/03/22 18:28	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00057	mg/Kg	☆	05/26/22 17:29	06/03/22 18:28	1
Tetrachloroethene	<0.0018		0.0018	0.00060	mg/Kg	☆	05/26/22 17:29	06/03/22 18:28	1
Toluene	<0.0018		0.0018	0.00045	mg/Kg	☆	05/26/22 17:29	06/03/22 18:28	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00079	mg/Kg	☆	05/26/22 17:29	06/03/22 18:28	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00062	mg/Kg	☆	05/26/22 17:29	06/03/22 18:28	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00060	mg/Kg	☆	05/26/22 17:29	06/03/22 18:28	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00076	mg/Kg	☆	05/26/22 17:29	06/03/22 18:28	1
Trichloroethene	<0.0018		0.0018	0.00060	mg/Kg	☆	05/26/22 17:29	06/03/22 18:28	1
Vinyl chloride	<0.0018		0.0018	0.00079	mg/Kg	☆	05/26/22 17:29	06/03/22 18:28	1
Xylenes, Total	<0.0036		0.0036	0.00057	mg/Kg	☆	05/26/22 17:29	06/03/22 18:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		75 - 131	05/26/22 17:29	06/03/22 18:28	1
Dibromofluoromethane (Surr)	110		75 - 126	05/26/22 17:29	06/03/22 18:28	1
1,2-Dichloroethane-d4 (Surr)	122		70 - 134	05/26/22 17:29	06/03/22 18:28	1
Toluene-d8 (Surr)	102		75 - 124	05/26/22 17:29	06/03/22 18:28	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.042	mg/Kg	☆	06/07/22 14:25	06/08/22 20:43	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☆	06/07/22 14:25	06/08/22 20:43	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	☆	06/07/22 14:25	06/08/22 20:43	1
1,4-Dichlorobenzene	<0.20		0.20	0.050	mg/Kg	☆	06/07/22 14:25	06/08/22 20:43	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	☆	06/07/22 14:25	06/08/22 20:43	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217167-1

**Client Sample ID: ROW-137(0-4)-052522D**

**Lab Sample ID: 500-217167-9**

Date Collected: 05/25/22 02:50

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 83.5

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.090	mg/Kg	✳	06/07/22 14:25	06/08/22 20:43	1
2,4,6-Trichlorophenol	<0.39		0.39	0.14	mg/Kg	✳	06/07/22 14:25	06/08/22 20:43	1
2,4-Dichlorophenol	<0.39		0.39	0.093	mg/Kg	✳	06/07/22 14:25	06/08/22 20:43	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	✳	06/07/22 14:25	06/08/22 20:43	1
2,4-Dinitrophenol	<0.79		0.79	0.69	mg/Kg	✳	06/07/22 14:25	06/08/22 20:43	1
2,4-Dinitrotoluene	<0.20		0.20	0.063	mg/Kg	✳	06/07/22 14:25	06/08/22 20:43	1
2,6-Dinitrotoluene	<0.20		0.20	0.077	mg/Kg	✳	06/07/22 14:25	06/08/22 20:43	1
2-Chloronaphthalene	<0.20		0.20	0.043	mg/Kg	✳	06/07/22 14:25	06/08/22 20:43	1
2-Chlorophenol	<0.20		0.20	0.067	mg/Kg	✳	06/07/22 14:25	06/08/22 20:43	1
2-Methylnaphthalene	<0.079		0.079	0.0072	mg/Kg	✳	06/07/22 14:25	06/08/22 20:43	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	✳	06/07/22 14:25	06/08/22 20:43	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	✳	06/07/22 14:25	06/08/22 20:43	1
2-Nitrophenol	<0.39		0.39	0.093	mg/Kg	✳	06/07/22 14:25	06/08/22 20:43	1
3 & 4 Methylphenol	<0.20		0.20	0.066	mg/Kg	✳	06/07/22 14:25	06/08/22 20:43	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	✳	06/07/22 14:25	06/08/22 20:43	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	✳	06/07/22 14:25	06/08/22 20:43	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.32	mg/Kg	✳	06/07/22 14:25	06/08/22 20:43	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	✳	06/07/22 14:25	06/08/22 20:43	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	✳	06/07/22 14:25	06/08/22 20:43	1
4-Chloroaniline	<0.79		0.79	0.18	mg/Kg	✳	06/07/22 14:25	06/08/22 20:43	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	✳	06/07/22 14:25	06/08/22 20:43	1
4-Nitroaniline	<0.39		0.39	0.16	mg/Kg	✳	06/07/22 14:25	06/08/22 20:43	1
4-Nitrophenol	<0.79		0.79	0.37	mg/Kg	✳	06/07/22 14:25	06/08/22 20:43	1
Acenaphthene	<0.039		0.039	0.0071	mg/Kg	✳	06/07/22 14:25	06/08/22 20:43	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	✳	06/07/22 14:25	06/08/22 20:43	1
Anthracene	<0.039		0.039	0.0066	mg/Kg	✳	06/07/22 14:25	06/08/22 20:43	1
Benzo[a]anthracene	<0.039		0.039	0.0053	mg/Kg	✳	06/07/22 14:25	06/08/22 20:43	1
Benzo[a]pyrene	<0.039		0.039	0.0076	mg/Kg	✳	06/07/22 14:25	06/08/22 20:43	1
<b>Benzo[b]fluoranthene</b>	<b>0.012</b>	<b>J</b>	0.039	0.0085	mg/Kg	✳	06/07/22 14:25	06/08/22 20:43	1
<b>Benzo[g,h,i]perylene</b>	<b>0.016</b>	<b>J</b>	0.039	0.013	mg/Kg	✳	06/07/22 14:25	06/08/22 20:43	1
Benzo[k]fluoranthene	<0.039		0.039	0.012	mg/Kg	✳	06/07/22 14:25	06/08/22 20:43	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	✳	06/07/22 14:25	06/08/22 20:43	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	✳	06/07/22 14:25	06/08/22 20:43	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	✳	06/07/22 14:25	06/08/22 20:43	1
Butyl benzyl phthalate	<0.20		0.20	0.075	mg/Kg	✳	06/07/22 14:25	06/08/22 20:43	1
Carbazole	<0.20		0.20	0.098	mg/Kg	✳	06/07/22 14:25	06/08/22 20:43	1
<b>Chrysene</b>	<b>0.023</b>	<b>J</b>	0.039	0.011	mg/Kg	✳	06/07/22 14:25	06/08/22 20:43	1
Dibenz(a,h)anthracene	<0.039		0.039	0.0076	mg/Kg	✳	06/07/22 14:25	06/08/22 20:43	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	✳	06/07/22 14:25	06/08/22 20:43	1
Diethyl phthalate	<0.20		0.20	0.067	mg/Kg	✳	06/07/22 14:25	06/08/22 20:43	1
Dimethyl phthalate	<0.20		0.20	0.051	mg/Kg	✳	06/07/22 14:25	06/08/22 20:43	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	✳	06/07/22 14:25	06/08/22 20:43	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	✳	06/07/22 14:25	06/08/22 20:43	1
<b>Fluoranthene</b>	<b>0.014</b>	<b>J</b>	0.039	0.0073	mg/Kg	✳	06/07/22 14:25	06/08/22 20:43	1
Fluorene	<0.039		0.039	0.0055	mg/Kg	✳	06/07/22 14:25	06/08/22 20:43	1
Hexachlorobenzene	<0.079		0.079	0.0091	mg/Kg	✳	06/07/22 14:25	06/08/22 20:43	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	✳	06/07/22 14:25	06/08/22 20:43	1
Hexachlorocyclopentadiene	<0.79		0.79	0.23	mg/Kg	✳	06/07/22 14:25	06/08/22 20:43	1
Hexachloroethane	<0.20		0.20	0.060	mg/Kg	✳	06/07/22 14:25	06/08/22 20:43	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217167-1

**Client Sample ID: ROW-137(0-4)-052522D**

**Lab Sample ID: 500-217167-9**

**Date Collected: 05/25/22 02:50**

**Matrix: Solid**

**Date Received: 05/25/22 17:30**

**Percent Solids: 83.5**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.039		0.039	0.010	mg/Kg	☼	06/07/22 14:25	06/08/22 20:43	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	06/07/22 14:25	06/08/22 20:43	1
<b>Naphthalene</b>	<b>0.0086</b>	<b>J</b>	0.039	0.0061	mg/Kg	☼	06/07/22 14:25	06/08/22 20:43	1
Nitrobenzene	<0.039		0.039	0.0098	mg/Kg	☼	06/07/22 14:25	06/08/22 20:43	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.048	mg/Kg	☼	06/07/22 14:25	06/08/22 20:43	1
N-Nitrosodiphenylamine	<0.20		0.20	0.046	mg/Kg	☼	06/07/22 14:25	06/08/22 20:43	1
Pentachlorophenol	<0.79		0.79	0.63	mg/Kg	☼	06/07/22 14:25	06/08/22 20:43	1
<b>Phenanthrene</b>	<b>0.041</b>		0.039	0.0055	mg/Kg	☼	06/07/22 14:25	06/08/22 20:43	1
Phenol	<0.20		0.20	0.087	mg/Kg	☼	06/07/22 14:25	06/08/22 20:43	1
<b>Pyrene</b>	<b>0.020</b>	<b>J</b>	0.039	0.0078	mg/Kg	☼	06/07/22 14:25	06/08/22 20:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	139		31 - 143				06/07/22 14:25	06/08/22 20:43	1
2-Fluorobiphenyl (Surr)	82		43 - 145				06/07/22 14:25	06/08/22 20:43	1
2-Fluorophenol (Surr)	93		31 - 166				06/07/22 14:25	06/08/22 20:43	1
Nitrobenzene-d5 (Surr)	60		37 - 147				06/07/22 14:25	06/08/22 20:43	1
Phenol-d5 (Surr)	97		30 - 153				06/07/22 14:25	06/08/22 20:43	1
Terphenyl-d14 (Surr)	110		42 - 157				06/07/22 14:25	06/08/22 20:43	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/01/22 19:38	06/02/22 13:10	1
<b>Barium</b>	<b>0.86</b>		0.50	0.050	mg/L		06/01/22 19:38	06/02/22 13:10	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/01/22 19:38	06/02/22 13:10	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/22 19:38	06/02/22 13:10	1
Chromium	<0.025		0.025	0.010	mg/L		06/01/22 19:38	06/02/22 13:10	1
<b>Cobalt</b>	<b>0.017</b>	<b>J</b>	0.025	0.010	mg/L		06/01/22 19:38	06/02/22 13:10	1
Copper	<0.025		0.025	0.010	mg/L		06/01/22 19:38	06/02/22 13:10	1
<b>Iron</b>	<b>0.30</b>	<b>J</b>	0.40	0.20	mg/L		06/01/22 19:38	06/02/22 13:10	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/01/22 19:38	06/02/22 13:10	1
<b>Manganese</b>	<b>4.5</b>		0.025	0.010	mg/L		06/01/22 19:38	06/02/22 13:10	1
Nickel	<0.025		0.025	0.010	mg/L		06/01/22 19:38	06/02/22 13:10	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/22 19:38	06/02/22 13:10	1
Silver	<0.025		0.025	0.010	mg/L		06/01/22 19:38	06/02/22 13:10	1
<b>Zinc</b>	<b>0.028</b>	<b>J</b>	0.50	0.020	mg/L		06/01/22 19:38	06/02/22 13:10	1

**Method: 6010B - Metals (ICP) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.030</b>	<b>J</b>	0.050	0.010	mg/L		06/01/22 19:40	06/02/22 19:15	1
<b>Barium</b>	<b>0.38</b>	<b>J</b>	0.50	0.050	mg/L		06/01/22 19:40	06/02/22 19:15	1
<b>Beryllium</b>	<b>0.0053</b>		0.0040	0.0040	mg/L		06/01/22 19:40	06/02/22 19:15	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/22 19:40	06/02/22 19:15	1
<b>Chromium</b>	<b>0.10</b>		0.025	0.010	mg/L		06/01/22 19:40	06/02/22 19:15	1
<b>Cobalt</b>	<b>0.036</b>		0.025	0.010	mg/L		06/01/22 19:40	06/02/22 19:15	1
<b>Copper</b>	<b>0.072</b>		0.025	0.010	mg/L		06/01/22 19:40	06/02/22 19:15	1
<b>Iron</b>	<b>81</b>		0.40	0.20	mg/L		06/01/22 19:40	06/02/22 19:15	1
<b>Lead</b>	<b>0.047</b>		0.0075	0.0075	mg/L		06/01/22 19:40	06/02/22 19:15	1
<b>Manganese</b>	<b>0.84</b>		0.025	0.010	mg/L		06/01/22 19:40	06/02/22 19:15	1
<b>Nickel</b>	<b>0.093</b>		0.025	0.010	mg/L		06/01/22 19:40	06/02/22 19:15	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/22 19:40	06/02/22 19:15	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217167-1

Client Sample ID: ROW-137(0-4)-052522D

Lab Sample ID: 500-217167-9

Date Collected: 05/25/22 02:50

Matrix: Solid

Date Received: 05/25/22 17:30

Percent Solids: 83.5

## Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/01/22 19:40	06/02/22 19:15	1
Zinc	0.22	J ^+	0.50	0.020	mg/L		06/01/22 19:40	06/02/22 19:15	1

## Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	13000		11	4.6	mg/Kg	☆	06/02/22 09:49	06/03/22 12:50	1
Antimony	0.25	J	1.1	0.22	mg/Kg	☆	06/02/22 09:49	06/03/22 12:50	1
Arsenic	4.5		0.57	0.19	mg/Kg	☆	06/02/22 09:49	06/03/22 12:50	1
Barium	77		0.57	0.065	mg/Kg	☆	06/02/22 09:49	06/03/22 12:50	1
Beryllium	0.77		0.23	0.053	mg/Kg	☆	06/02/22 09:49	06/03/22 12:50	1
Cadmium	<0.11		0.11	0.020	mg/Kg	☆	06/02/22 09:49	06/03/22 12:50	1
Calcium	23000		11	1.9	mg/Kg	☆	06/02/22 09:49	06/03/22 12:50	1
Chromium	15		0.57	0.28	mg/Kg	☆	06/02/22 09:49	06/03/22 12:50	1
Cobalt	9.3		0.28	0.074	mg/Kg	☆	06/02/22 09:49	06/03/22 12:50	1
Copper	15	B	0.57	0.16	mg/Kg	☆	06/02/22 09:49	06/03/22 12:50	1
Iron	15000		11	5.9	mg/Kg	☆	06/02/22 09:49	06/03/22 12:50	1
Lead	13		0.28	0.13	mg/Kg	☆	06/02/22 09:49	06/03/22 12:50	1
Magnesium	10000		5.7	2.8	mg/Kg	☆	06/02/22 09:49	06/03/22 12:50	1
Manganese	260		0.57	0.082	mg/Kg	☆	06/02/22 09:49	06/03/22 12:50	1
Nickel	23		0.57	0.16	mg/Kg	☆	06/02/22 09:49	06/03/22 12:50	1
Potassium	2300		28	10	mg/Kg	☆	06/02/22 09:49	06/03/22 12:50	1
Selenium	<0.57		0.57	0.33	mg/Kg	☆	06/02/22 09:49	06/03/22 12:50	1
Silver	0.30		0.28	0.073	mg/Kg	☆	06/02/22 09:49	06/03/22 12:50	1
Sodium	680		57	8.4	mg/Kg	☆	06/02/22 09:49	06/03/22 12:50	1
Thallium	<0.57		0.57	0.28	mg/Kg	☆	06/02/22 09:49	06/03/22 12:50	1
Vanadium	21		0.28	0.067	mg/Kg	☆	06/02/22 09:49	06/03/22 12:50	1
Zinc	47		1.1	0.50	mg/Kg	☆	06/02/22 09:49	06/03/22 12:50	1

## Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/22 15:10	06/02/22 12:35	1

## Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/22 15:10	06/02/22 13:34	1

## Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.038		0.020	0.0065	mg/Kg	☆	06/01/22 14:20	06/02/22 10:04	1

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.1		0.2	0.2	SU			06/01/22 15:59	1

# Definitions/Glossary

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217167-1

## 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
*.	LCS and/or LCSD is outside acceptance limits, low biased.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

### Metals

Qualifier	Qualifier Description
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
F3	Duplicate RPD exceeds the control limit
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)

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# Definitions/Glossary

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217167-1

## 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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# Chain of Custody Record

524249




Environment Testing  
TestAmerica

TAL-8210

Address \_\_\_\_\_

Regulatory Program:  DW  NPDES  RCRA  Other

<b>Client Contact</b>		<b>Project Manager:</b> A. Slesers		<b>Site Contact</b> C. Pome		<b>Date:</b> 5-28-22		<b>COC No</b>	
Company Name: <u>Weston Solutions</u>		Tel/Email:		Lab Contact: <u>R. W. Hunt</u>		Carrier:		9 of 5 COCs	
Address: <u>300 Knightsbridge Pkwy Ste 300</u>		<b>Analysis Turnaround Time</b> <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____ <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day							
City/State/Zip: <u>Lincolnshire, IL 60067</u>									
Phone:		Filtered Sample (Y/N) Perform MS / MSD (Y/N)		VOCs SVOCs Total Metals TCLP / SPLP Metals PCB		 500-217167 COC		<b>For Lab Use Only</b> Walk-in Client <input type="checkbox"/> Lab Sampling <input type="checkbox"/>	
Fax:								Job / SDG No	
Project Name: <u>PDOT 019</u>								500-217167	
Site: <u>200</u>									
P O #								Sample Specific Notes	
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.			
1	ROW-129(0-4)-052522	5/25/22	0150	G	S	6	X	X	X
2	ROW-129(4-9)-052522		0155						
3	ROW-132(0-4)-052522		0230						
4	ROW-132(4-9)-052522		0235						
5	ROW-133(0-4)-052522		0240						
6	ROW-133(4-9)-052522		0245						
7	ROW-137(0-4)-052522		0250						
8	ROW-137(4-9)-052522		0255						
9	ROW-137(0-4)-052522		0250						
10	ROW-138(0-4)-052522		0335						
11	ROW-138(4-9)-052522		0340						
12	ROW-139(0-4)-052522		0345						
Preservation Used: 1=Ice, 2=HCl; 3=H2SO4; 4=HNO3; 5=NaOH; 6=Other									
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample					Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)				
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown					<input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months				
Special Instructions/QC Requirements & Comments: 3A → 28, 44 → 23, 45, 1 → 4, 15, 5 → 4, 5									
Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temp (°C) Obs'd. _____ Corr'd _____		Therm ID No. _____			
Relinquished by <u>[Signature]</u>		Company: <u>WS</u>		Date/Time: <u>5/25/22 1610</u>		Received by <u>[Signature]</u>		Company: <u>ETA</u>	
Relinquished by <u>[Signature]</u>		Company: <u>ETA</u>		Date/Time: <u>5/28/22</u>		Received by		Company	
Relinquished by		Company:		Date/Time		Received in Laboratory by <u>[Signature]</u>		Company: <u>ETA</u>	
								Date/Time: <u>5/28/22 0720</u>	



# Chain of Custody Record

524242



Environment Testing  
TestAmerica

Address \_\_\_\_\_

TAL-8210

Regulatory Program:  DW  NPDES  RCRA  Other

<b>Client Contact</b>		<b>Project Manager:</b> A. Slopes		<b>Site Contact:</b> C. Per		<b>Date:</b> 5-25-22		COC No											
Company Name: <i>Western Solution</i>		Tel/Email:		Lab Contact: <i>R. Wright</i>		Carrier:		5 of 5 COCs											
Address: <i>300 Eagle Blaridge PKWY #E300</i>		<b>Analysis Turnaround Time</b>																	
City/State/Zip: <i>Chickasha, OK 73064</i>		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____																	
Phone:		<input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day																	
Fax:		Filtered Sample (Y/N) <table border="1"> <tr><td>VOCs</td><td></td></tr> <tr><td>SUCES</td><td></td></tr> <tr><td>Total Metals</td><td></td></tr> <tr><td>TCUP/SBP Metals</td><td></td></tr> <tr><td>pH</td><td></td></tr> </table>								VOCs		SUCES		Total Metals		TCUP/SBP Metals		pH	
VOCs																			
SUCES																			
Total Metals																			
TCUP/SBP Metals																			
pH																			
Project Name: <i>IDOT 019</i>		Job / SDG No		For Lab Use Only Walk-in Client Lab Sampling															
Site: <i>R-80</i>		500-217167																	
P O #																			
<b>Sample Identification</b>			Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Sample Specific Notes											
<i>13 ROW-189(4-9)-052502</i>			<i>5-25-22</i>	<i>0350</i>	<i>G</i>	<i>S</i>	<i>6</i>												
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4=HNO3, 5=NaOH, 6= Other																			
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample						Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)													
<input checked="" type="checkbox"/> Non Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown						<input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months													
Special Instructions/QC Requirements & Comments:																			
Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temp (°C) Obs'd		Corr'd		Therm ID No											
Relinquished by <i>[Signature]</i>		Company: <i>WS</i>		Date/Time: <i>5/25/22 1610</i>		Received by <i>[Signature]</i>		Company: <i>ETA</i>											
Relinquished by <i>[Signature]</i>		Company: <i>ETA</i>		Date/Time: <i>1730 5/25/22</i>		Received by		Company:											
Relinquished by <i>[Signature]</i>		Company:		Date/Time:		Received in Laboratory by <i>[Signature]</i>		Company: <i>ETA</i>											
								Date/Time: <i>5/26/22 0720</i>											

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- 14
- 15

## ANALYTICAL REPORT

Eurofins Chicago  
2417 Bond Street  
University Park, IL 60484  
Tel: (708)534-5200

Laboratory Job ID: 500-217246-1  
Client Project/Site: IDOT - I-80 - WO 019

For:  
Weston Solutions, Inc.  
300 Knightsbridge Parkway  
Suite 360  
Lincolnshire, Illinois 60069

Attn: Mr. Andris Slesers



Authorized for release by:  
6/10/2022 5:01:18 PM

Richard Wright, Senior Project Manager  
(708)746-0045

[Richard.Wright@et.eurofinsus.com](mailto:Richard.Wright@et.eurofinsus.com)

### LINKS

Review your project  
results through



Have a Question?



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[www.eurofinsus.com/Env](http://www.eurofinsus.com/Env)

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217246-1

**Client Sample ID: ROW-140(0-4)-052522**

**Lab Sample ID: 500-217246-1**

**Date Collected: 05/25/22 21:30**

**Matrix: Solid**

**Date Received: 05/26/22 17:45**

**Percent Solids: 81.8**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.019		0.019	0.0083	mg/Kg	☼	05/27/22 18:36	05/31/22 14:33	1
Benzene	<0.0019		0.0019	0.00049	mg/Kg	☼	05/27/22 18:36	05/31/22 14:33	1
Bromodichloromethane	<0.0019		0.0019	0.00039	mg/Kg	☼	05/27/22 18:36	05/31/22 14:33	1
Bromoform	<0.0019		0.0019	0.00056	mg/Kg	☼	05/27/22 18:36	05/31/22 14:33	1
Bromomethane	<0.0048		0.0048	0.0018	mg/Kg	☼	05/27/22 18:36	05/31/22 14:33	1
Carbon disulfide	<0.0048		0.0048	0.00099	mg/Kg	☼	05/27/22 18:36	05/31/22 14:33	1
Carbon tetrachloride	<0.0019		0.0019	0.00055	mg/Kg	☼	05/27/22 18:36	05/31/22 14:33	1
Chlorobenzene	<0.0019		0.0019	0.00070	mg/Kg	☼	05/27/22 18:36	05/31/22 14:33	1
Chloroethane	<0.0048		0.0048	0.0014	mg/Kg	☼	05/27/22 18:36	05/31/22 14:33	1
Chloroform	<0.0019		0.0019	0.00066	mg/Kg	☼	05/27/22 18:36	05/31/22 14:33	1
Chloromethane	<0.0048		0.0048	0.0019	mg/Kg	☼	05/27/22 18:36	05/31/22 14:33	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00053	mg/Kg	☼	05/27/22 18:36	05/31/22 14:33	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00057	mg/Kg	☼	05/27/22 18:36	05/31/22 14:33	1
Dibromochloromethane	<0.0019		0.0019	0.00062	mg/Kg	☼	05/27/22 18:36	05/31/22 14:33	1
1,1-Dichloroethane	<0.0019		0.0019	0.00065	mg/Kg	☼	05/27/22 18:36	05/31/22 14:33	1
1,2-Dichloroethane	<0.0048		0.0048	0.0015	mg/Kg	☼	05/27/22 18:36	05/31/22 14:33	1
1,1-Dichloroethene	<0.0019		0.0019	0.00065	mg/Kg	☼	05/27/22 18:36	05/31/22 14:33	1
1,2-Dichloropropane	<0.0019		0.0019	0.00049	mg/Kg	☼	05/27/22 18:36	05/31/22 14:33	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00067	mg/Kg	☼	05/27/22 18:36	05/31/22 14:33	1
Ethylbenzene	<0.0019		0.0019	0.00091	mg/Kg	☼	05/27/22 18:36	05/31/22 14:33	1
2-Hexanone	<0.0048		0.0048	0.0015	mg/Kg	☼	05/27/22 18:36	05/31/22 14:33	1
Methylene Chloride	<0.0048		0.0048	0.0019	mg/Kg	☼	05/27/22 18:36	05/31/22 14:33	1
Methyl Ethyl Ketone	<0.0048		0.0048	0.0021	mg/Kg	☼	05/27/22 18:36	05/31/22 14:33	1
methyl isobutyl ketone	<0.0048		0.0048	0.0014	mg/Kg	☼	05/27/22 18:36	05/31/22 14:33	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00056	mg/Kg	☼	05/27/22 18:36	05/31/22 14:33	1
Styrene	<0.0019		0.0019	0.00057	mg/Kg	☼	05/27/22 18:36	05/31/22 14:33	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00061	mg/Kg	☼	05/27/22 18:36	05/31/22 14:33	1
Tetrachloroethene	<0.0019		0.0019	0.00065	mg/Kg	☼	05/27/22 18:36	05/31/22 14:33	1
Toluene	<0.0019		0.0019	0.00048	mg/Kg	☼	05/27/22 18:36	05/31/22 14:33	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00084	mg/Kg	☼	05/27/22 18:36	05/31/22 14:33	1
trans-1,3-Dichloropropene	<0.0019	+	0.0019	0.00067	mg/Kg	☼	05/27/22 18:36	05/31/22 14:33	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00064	mg/Kg	☼	05/27/22 18:36	05/31/22 14:33	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00082	mg/Kg	☼	05/27/22 18:36	05/31/22 14:33	1
<b>Trichloroethene</b>	<b>0.0011</b>	<b>J</b>	0.0019	0.00064	mg/Kg	☼	05/27/22 18:36	05/31/22 14:33	1
Vinyl chloride	<0.0019		0.0019	0.00084	mg/Kg	☼	05/27/22 18:36	05/31/22 14:33	1
Xylenes, Total	<0.0038		0.0038	0.00061	mg/Kg	☼	05/27/22 18:36	05/31/22 14:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		75 - 131	05/27/22 18:36	05/31/22 14:33	1
Dibromofluoromethane (Surr)	107		75 - 126	05/27/22 18:36	05/31/22 14:33	1
1,2-Dichloroethane-d4 (Surr)	107		70 - 134	05/27/22 18:36	05/31/22 14:33	1
Toluene-d8 (Surr)	116		75 - 124	05/27/22 18:36	05/31/22 14:33	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.043	mg/Kg	☼	06/08/22 07:03	06/08/22 21:07	1
1,2-Dichlorobenzene	<0.20		0.20	0.048	mg/Kg	☼	06/08/22 07:03	06/08/22 21:07	1
1,3-Dichlorobenzene	<0.20		0.20	0.045	mg/Kg	☼	06/08/22 07:03	06/08/22 21:07	1
1,4-Dichlorobenzene	<0.20		0.20	0.052	mg/Kg	☼	06/08/22 07:03	06/08/22 21:07	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.047	mg/Kg	☼	06/08/22 07:03	06/08/22 21:07	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217246-1

**Client Sample ID: ROW-140(0-4)-052522**

**Lab Sample ID: 500-217246-1**

**Date Collected: 05/25/22 21:30**

**Matrix: Solid**

**Date Received: 05/26/22 17:45**

**Percent Solids: 81.8**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.40		0.40	0.092	mg/Kg	☆	06/08/22 07:03	06/08/22 21:07	1
2,4,6-Trichlorophenol	<0.40		0.40	0.14	mg/Kg	☆	06/08/22 07:03	06/08/22 21:07	1
2,4-Dichlorophenol	<0.40		0.40	0.095	mg/Kg	☆	06/08/22 07:03	06/08/22 21:07	1
2,4-Dimethylphenol	<0.40		0.40	0.15	mg/Kg	☆	06/08/22 07:03	06/08/22 21:07	1
2,4-Dinitrophenol	<0.81		0.81	0.71	mg/Kg	☆	06/08/22 07:03	06/08/22 21:07	1
2,4-Dinitrotoluene	<0.20		0.20	0.064	mg/Kg	☆	06/08/22 07:03	06/08/22 21:07	1
2,6-Dinitrotoluene	<0.20		0.20	0.079	mg/Kg	☆	06/08/22 07:03	06/08/22 21:07	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	☆	06/08/22 07:03	06/08/22 21:07	1
2-Chlorophenol	<0.20		0.20	0.069	mg/Kg	☆	06/08/22 07:03	06/08/22 21:07	1
2-Methylnaphthalene	<0.081		0.081	0.0074	mg/Kg	☆	06/08/22 07:03	06/08/22 21:07	1
2-Methylphenol	<0.20		0.20	0.064	mg/Kg	☆	06/08/22 07:03	06/08/22 21:07	1
2-Nitroaniline	<0.20		0.20	0.054	mg/Kg	☆	06/08/22 07:03	06/08/22 21:07	1
2-Nitrophenol	<0.40		0.40	0.095	mg/Kg	☆	06/08/22 07:03	06/08/22 21:07	1
3 & 4 Methylphenol	<0.20		0.20	0.067	mg/Kg	☆	06/08/22 07:03	06/08/22 21:07	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.056	mg/Kg	☆	06/08/22 07:03	06/08/22 21:07	1
3-Nitroaniline	<0.40		0.40	0.12	mg/Kg	☆	06/08/22 07:03	06/08/22 21:07	1
4,6-Dinitro-2-methylphenol	<0.81		0.81	0.32	mg/Kg	☆	06/08/22 07:03	06/08/22 21:07	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.053	mg/Kg	☆	06/08/22 07:03	06/08/22 21:07	1
4-Chloro-3-methylphenol	<0.40		0.40	0.14	mg/Kg	☆	06/08/22 07:03	06/08/22 21:07	1
4-Chloroaniline	<0.81		0.81	0.19	mg/Kg	☆	06/08/22 07:03	06/08/22 21:07	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.047	mg/Kg	☆	06/08/22 07:03	06/08/22 21:07	1
4-Nitroaniline	<0.40		0.40	0.17	mg/Kg	☆	06/08/22 07:03	06/08/22 21:07	1
4-Nitrophenol	<0.81		0.81	0.38	mg/Kg	☆	06/08/22 07:03	06/08/22 21:07	1
Acenaphthene	<0.040		0.040	0.0072	mg/Kg	☆	06/08/22 07:03	06/08/22 21:07	1
Acenaphthylene	<0.040		0.040	0.0053	mg/Kg	☆	06/08/22 07:03	06/08/22 21:07	1
Anthracene	<0.040		0.040	0.0067	mg/Kg	☆	06/08/22 07:03	06/08/22 21:07	1
Benzo[a]anthracene	<0.040		0.040	0.0054	mg/Kg	☆	06/08/22 07:03	06/08/22 21:07	1
Benzo[a]pyrene	<0.040		0.040	0.0078	mg/Kg	☆	06/08/22 07:03	06/08/22 21:07	1
Benzo[b]fluoranthene	<0.040		0.040	0.0087	mg/Kg	☆	06/08/22 07:03	06/08/22 21:07	1
Benzo[g,h,i]perylene	<0.040		0.040	0.013	mg/Kg	☆	06/08/22 07:03	06/08/22 21:07	1
Benzo[k]fluoranthene	<0.040		0.040	0.012	mg/Kg	☆	06/08/22 07:03	06/08/22 21:07	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.041	mg/Kg	☆	06/08/22 07:03	06/08/22 21:07	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.060	mg/Kg	☆	06/08/22 07:03	06/08/22 21:07	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.073	mg/Kg	☆	06/08/22 07:03	06/08/22 21:07	1
Butyl benzyl phthalate	<0.20		0.20	0.076	mg/Kg	☆	06/08/22 07:03	06/08/22 21:07	1
Carbazole	<0.20		0.20	0.10	mg/Kg	☆	06/08/22 07:03	06/08/22 21:07	1
Chrysene	<0.040		0.040	0.011	mg/Kg	☆	06/08/22 07:03	06/08/22 21:07	1
Dibenz(a,h)anthracene	<0.040		0.040	0.0078	mg/Kg	☆	06/08/22 07:03	06/08/22 21:07	1
Dibenzofuran	<0.20		0.20	0.047	mg/Kg	☆	06/08/22 07:03	06/08/22 21:07	1
Diethyl phthalate	<0.20		0.20	0.068	mg/Kg	☆	06/08/22 07:03	06/08/22 21:07	1
Dimethyl phthalate	<0.20		0.20	0.053	mg/Kg	☆	06/08/22 07:03	06/08/22 21:07	1
Di-n-butyl phthalate	<0.20		0.20	0.061	mg/Kg	☆	06/08/22 07:03	06/08/22 21:07	1
Di-n-octyl phthalate	<0.20		0.20	0.066	mg/Kg	☆	06/08/22 07:03	06/08/22 21:07	1
Fluoranthene	<0.040		0.040	0.0075	mg/Kg	☆	06/08/22 07:03	06/08/22 21:07	1
Fluorene	<0.040		0.040	0.0056	mg/Kg	☆	06/08/22 07:03	06/08/22 21:07	1
Hexachlorobenzene	<0.081		0.081	0.0093	mg/Kg	☆	06/08/22 07:03	06/08/22 21:07	1
Hexachlorobutadiene	<0.20		0.20	0.063	mg/Kg	☆	06/08/22 07:03	06/08/22 21:07	1
Hexachlorocyclopentadiene	<0.81		0.81	0.23	mg/Kg	☆	06/08/22 07:03	06/08/22 21:07	1
Hexachloroethane	<0.20		0.20	0.061	mg/Kg	☆	06/08/22 07:03	06/08/22 21:07	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217246-1

**Client Sample ID: ROW-140(0-4)-052522**

**Lab Sample ID: 500-217246-1**

Date Collected: 05/25/22 21:30

Matrix: Solid

Date Received: 05/26/22 17:45

Percent Solids: 81.8

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.040		0.040	0.010	mg/Kg	☼	06/08/22 07:03	06/08/22 21:07	1
Isophorone	<0.20		0.20	0.045	mg/Kg	☼	06/08/22 07:03	06/08/22 21:07	1
Naphthalene	<0.040		0.040	0.0062	mg/Kg	☼	06/08/22 07:03	06/08/22 21:07	1
Nitrobenzene	<0.040		0.040	0.010	mg/Kg	☼	06/08/22 07:03	06/08/22 21:07	1
N-Nitrosodi-n-propylamine	<0.081		0.081	0.049	mg/Kg	☼	06/08/22 07:03	06/08/22 21:07	1
N-Nitrosodiphenylamine	<0.20		0.20	0.047	mg/Kg	☼	06/08/22 07:03	06/08/22 21:07	1
Pentachlorophenol	<0.81		0.81	0.64	mg/Kg	☼	06/08/22 07:03	06/08/22 21:07	1
Phenanthrene	<0.040		0.040	0.0056	mg/Kg	☼	06/08/22 07:03	06/08/22 21:07	1
Phenol	<0.20		0.20	0.089	mg/Kg	☼	06/08/22 07:03	06/08/22 21:07	1
Pyrene	<0.040		0.040	0.0080	mg/Kg	☼	06/08/22 07:03	06/08/22 21:07	1
<b>Surrogate</b>									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	128		31 - 143				06/08/22 07:03	06/08/22 21:07	1
2-Fluorobiphenyl (Surr)	88		43 - 145				06/08/22 07:03	06/08/22 21:07	1
2-Fluorophenol (Surr)	95		31 - 166				06/08/22 07:03	06/08/22 21:07	1
Nitrobenzene-d5 (Surr)	68		37 - 147				06/08/22 07:03	06/08/22 21:07	1
Phenol-d5 (Surr)	85		30 - 153				06/08/22 07:03	06/08/22 21:07	1
Terphenyl-d14 (Surr)	92		42 - 157				06/08/22 07:03	06/08/22 21:07	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/06/22 07:56	06/06/22 16:29	1
<b>Barium</b>	<b>0.59</b>		0.50	0.050	mg/L		06/06/22 07:56	06/06/22 16:29	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/06/22 07:56	06/06/22 16:29	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/06/22 07:56	06/06/22 16:29	1
Chromium	<0.025		0.025	0.010	mg/L		06/06/22 07:56	06/06/22 16:29	1
Cobalt	<0.025		0.025	0.010	mg/L		06/06/22 07:56	06/06/22 16:29	1
Copper	<0.025		0.025	0.010	mg/L		06/06/22 07:56	06/06/22 16:29	1
Iron	<0.40		0.40	0.20	mg/L		06/06/22 07:56	06/06/22 16:29	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/06/22 07:56	06/06/22 16:29	1
<b>Manganese</b>	<b>0.94</b>		0.025	0.010	mg/L		06/06/22 07:56	06/06/22 16:29	1
Nickel	<0.025		0.025	0.010	mg/L		06/06/22 07:56	06/06/22 16:29	1
Selenium	<0.050		0.050	0.020	mg/L		06/06/22 07:56	06/06/22 16:29	1
Silver	<0.025		0.025	0.010	mg/L		06/06/22 07:56	06/06/22 16:29	1
<b>Zinc</b>	<b>0.092 J</b>		0.50	0.020	mg/L		06/06/22 07:56	06/06/22 16:29	1

**Method: 6010B - Metals (ICP) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.035 J</b>		0.050	0.010	mg/L		06/06/22 08:00	06/06/22 20:12	1
<b>Barium</b>	<b>0.39 J</b>		0.50	0.050	mg/L		06/06/22 08:00	06/06/22 20:12	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/06/22 08:00	06/06/22 20:12	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/06/22 08:00	06/06/22 20:12	1
<b>Chromium</b>	<b>0.090</b>		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 20:12	1
<b>Cobalt</b>	<b>0.014 J</b>		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 20:12	1
<b>Copper</b>	<b>0.077</b>		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 20:12	1
<b>Iron</b>	<b>91</b>		0.40	0.20	mg/L		06/06/22 08:00	06/06/22 20:12	1
<b>Lead</b>	<b>0.023</b>		0.0075	0.0075	mg/L		06/06/22 08:00	06/06/22 20:12	1
<b>Manganese</b>	<b>0.56</b>		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 20:12	1
<b>Nickel</b>	<b>0.066</b>		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 20:12	1
Selenium	<0.050		0.050	0.020	mg/L		06/06/22 08:00	06/06/22 20:12	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217246-1

**Client Sample ID: ROW-140(0-4)-052522**

**Lab Sample ID: 500-217246-1**

Date Collected: 05/25/22 21:30

Matrix: Solid

Date Received: 05/26/22 17:45

Percent Solids: 81.8

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 20:12	1
<b>Zinc</b>	<b>0.21</b>	<b>J</b>	0.50	0.020	mg/L		06/06/22 08:00	06/06/22 20:12	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>8400</b>	<b>B</b>	11	4.6	mg/Kg	☆	06/06/22 09:01	06/06/22 16:34	1
<b>Antimony</b>	<b>0.30</b>	<b>J</b>	1.1	0.22	mg/Kg	☆	06/06/22 09:01	06/06/22 16:34	1
<b>Arsenic</b>	<b>6.8</b>		0.56	0.19	mg/Kg	☆	06/06/22 09:01	06/06/22 16:34	1
<b>Barium</b>	<b>60</b>	<b>B</b>	0.56	0.064	mg/Kg	☆	06/06/22 09:01	06/06/22 16:34	1
<b>Beryllium</b>	<b>0.57</b>		0.22	0.052	mg/Kg	☆	06/06/22 09:01	06/06/22 16:34	1
<b>Cadmium</b>	<b>0.058</b>	<b>J B</b>	0.11	0.020	mg/Kg	☆	06/06/22 09:01	06/06/22 16:34	1
<b>Calcium</b>	<b>3600</b>		11	1.9	mg/Kg	☆	06/06/22 09:01	06/06/22 16:34	1
<b>Chromium</b>	<b>11</b>		0.56	0.28	mg/Kg	☆	06/06/22 09:01	06/06/22 16:34	1
<b>Cobalt</b>	<b>5.7</b>		0.28	0.073	mg/Kg	☆	06/06/22 09:01	06/06/22 16:34	1
<b>Copper</b>	<b>12</b>	<b>B</b>	0.56	0.16	mg/Kg	☆	06/06/22 09:01	06/06/22 16:34	1
<b>Iron</b>	<b>14000</b>		11	5.8	mg/Kg	☆	06/06/22 09:01	06/06/22 16:34	1
<b>Lead</b>	<b>8.1</b>		0.28	0.13	mg/Kg	☆	06/06/22 09:01	06/06/22 16:34	1
<b>Magnesium</b>	<b>3300</b>		5.6	2.8	mg/Kg	☆	06/06/22 09:01	06/06/22 16:34	1
<b>Manganese</b>	<b>240</b>		0.56	0.081	mg/Kg	☆	06/06/22 09:01	06/06/22 16:34	1
<b>Nickel</b>	<b>13</b>		0.56	0.16	mg/Kg	☆	06/06/22 09:01	06/06/22 16:34	1
<b>Potassium</b>	<b>580</b>		28	9.9	mg/Kg	☆	06/06/22 09:01	06/06/22 16:34	1
Selenium	<0.56		0.56	0.33	mg/Kg	☆	06/06/22 09:01	06/06/22 16:34	1
<b>Silver</b>	<b>0.22</b>	<b>J</b>	0.28	0.072	mg/Kg	☆	06/06/22 09:01	06/06/22 16:34	1
<b>Sodium</b>	<b>920</b>		56	8.3	mg/Kg	☆	06/06/22 09:01	06/07/22 12:01	1
Thallium	<0.56		0.56	0.28	mg/Kg	☆	06/06/22 09:01	06/07/22 12:01	1
<b>Vanadium</b>	<b>20</b>		0.28	0.066	mg/Kg	☆	06/06/22 09:01	06/06/22 16:34	1
<b>Zinc</b>	<b>33</b>	<b>B</b>	1.1	0.49	mg/Kg	☆	06/06/22 09:01	06/06/22 16:34	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/22 13:15	06/06/22 11:57	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/22 13:15	06/06/22 13:54	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.020</b>		0.019	0.0062	mg/Kg	☆	06/03/22 16:35	06/06/22 08:07	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>7.3</b>		0.2	0.2	SU			06/01/22 16:14	1

# Client Sample Results

Client: Weston Solutions, Inc.  
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217246-1

**Client Sample ID: ROW-140(4-9)-052522**

**Lab Sample ID: 500-217246-2**

Date Collected: 05/25/22 21:35

Matrix: Solid

Date Received: 05/26/22 17:45

Percent Solids: 85.6

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018		0.018	0.0077	mg/Kg	☼	05/27/22 18:36	05/31/22 14:57	1
Benzene	<0.0018		0.0018	0.00045	mg/Kg	☼	05/27/22 18:36	05/31/22 14:57	1
Bromodichloromethane	<0.0018		0.0018	0.00036	mg/Kg	☼	05/27/22 18:36	05/31/22 14:57	1
Bromoform	<0.0018		0.0018	0.00051	mg/Kg	☼	05/27/22 18:36	05/31/22 14:57	1
Bromomethane	<0.0044		0.0044	0.0017	mg/Kg	☼	05/27/22 18:36	05/31/22 14:57	1
Carbon disulfide	<0.0044		0.0044	0.00091	mg/Kg	☼	05/27/22 18:36	05/31/22 14:57	1
Carbon tetrachloride	<0.0018		0.0018	0.00051	mg/Kg	☼	05/27/22 18:36	05/31/22 14:57	1
Chlorobenzene	<0.0018		0.0018	0.00065	mg/Kg	☼	05/27/22 18:36	05/31/22 14:57	1
Chloroethane	<0.0044		0.0044	0.0013	mg/Kg	☼	05/27/22 18:36	05/31/22 14:57	1
Chloroform	<0.0018		0.0018	0.00061	mg/Kg	☼	05/27/22 18:36	05/31/22 14:57	1
Chloromethane	<0.0044		0.0044	0.0018	mg/Kg	☼	05/27/22 18:36	05/31/22 14:57	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00049	mg/Kg	☼	05/27/22 18:36	05/31/22 14:57	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00053	mg/Kg	☼	05/27/22 18:36	05/31/22 14:57	1
Dibromochloromethane	<0.0018		0.0018	0.00057	mg/Kg	☼	05/27/22 18:36	05/31/22 14:57	1
1,1-Dichloroethane	<0.0018		0.0018	0.00060	mg/Kg	☼	05/27/22 18:36	05/31/22 14:57	1
1,2-Dichloroethane	<0.0044		0.0044	0.0014	mg/Kg	☼	05/27/22 18:36	05/31/22 14:57	1
1,1-Dichloroethene	<0.0018		0.0018	0.00060	mg/Kg	☼	05/27/22 18:36	05/31/22 14:57	1
1,2-Dichloropropane	<0.0018		0.0018	0.00045	mg/Kg	☼	05/27/22 18:36	05/31/22 14:57	1
1,3-Dichloropropane, Total	<0.0018		0.0018	0.00062	mg/Kg	☼	05/27/22 18:36	05/31/22 14:57	1
Ethylbenzene	<0.0018		0.0018	0.00084	mg/Kg	☼	05/27/22 18:36	05/31/22 14:57	1
2-Hexanone	<0.0044		0.0044	0.0014	mg/Kg	☼	05/27/22 18:36	05/31/22 14:57	1
Methylene Chloride	<0.0044		0.0044	0.0017	mg/Kg	☼	05/27/22 18:36	05/31/22 14:57	1
Methyl Ethyl Ketone	<0.0044		0.0044	0.0020	mg/Kg	☼	05/27/22 18:36	05/31/22 14:57	1
methyl isobutyl ketone	<0.0044		0.0044	0.0013	mg/Kg	☼	05/27/22 18:36	05/31/22 14:57	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00052	mg/Kg	☼	05/27/22 18:36	05/31/22 14:57	1
Styrene	<0.0018		0.0018	0.00053	mg/Kg	☼	05/27/22 18:36	05/31/22 14:57	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00056	mg/Kg	☼	05/27/22 18:36	05/31/22 14:57	1
Tetrachloroethene	<0.0018		0.0018	0.00060	mg/Kg	☼	05/27/22 18:36	05/31/22 14:57	1
Toluene	<0.0018		0.0018	0.00044	mg/Kg	☼	05/27/22 18:36	05/31/22 14:57	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00078	mg/Kg	☼	05/27/22 18:36	05/31/22 14:57	1
trans-1,3-Dichloropropene	<0.0018	+	0.0018	0.00062	mg/Kg	☼	05/27/22 18:36	05/31/22 14:57	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00059	mg/Kg	☼	05/27/22 18:36	05/31/22 14:57	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00075	mg/Kg	☼	05/27/22 18:36	05/31/22 14:57	1
<b>Trichloroethene</b>	<b>0.00076</b>	<b>J</b>	0.0018	0.00059	mg/Kg	☼	05/27/22 18:36	05/31/22 14:57	1
Vinyl chloride	<0.0018		0.0018	0.00078	mg/Kg	☼	05/27/22 18:36	05/31/22 14:57	1
Xylenes, Total	<0.0035		0.0035	0.00056	mg/Kg	☼	05/27/22 18:36	05/31/22 14:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		75 - 131	05/27/22 18:36	05/31/22 14:57	1
Dibromofluoromethane (Surr)	107		75 - 126	05/27/22 18:36	05/31/22 14:57	1
1,2-Dichloroethane-d4 (Surr)	106		70 - 134	05/27/22 18:36	05/31/22 14:57	1
Toluene-d8 (Surr)	116		75 - 124	05/27/22 18:36	05/31/22 14:57	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.039	mg/Kg	☼	06/08/22 07:03	06/08/22 21:32	1
1,2-Dichlorobenzene	<0.18		0.18	0.044	mg/Kg	☼	06/08/22 07:03	06/08/22 21:32	1
1,3-Dichlorobenzene	<0.18		0.18	0.041	mg/Kg	☼	06/08/22 07:03	06/08/22 21:32	1
1,4-Dichlorobenzene	<0.18		0.18	0.047	mg/Kg	☼	06/08/22 07:03	06/08/22 21:32	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.042	mg/Kg	☼	06/08/22 07:03	06/08/22 21:32	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217246-1

**Client Sample ID: ROW-140(4-9)-052522**

**Lab Sample ID: 500-217246-2**

**Date Collected: 05/25/22 21:35**

**Matrix: Solid**

**Date Received: 05/26/22 17:45**

**Percent Solids: 85.6**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.36		0.36	0.084	mg/Kg	✳	06/08/22 07:03	06/08/22 21:32	1
2,4,6-Trichlorophenol	<0.36		0.36	0.13	mg/Kg	✳	06/08/22 07:03	06/08/22 21:32	1
2,4-Dichlorophenol	<0.36		0.36	0.087	mg/Kg	✳	06/08/22 07:03	06/08/22 21:32	1
2,4-Dimethylphenol	<0.36		0.36	0.14	mg/Kg	✳	06/08/22 07:03	06/08/22 21:32	1
2,4-Dinitrophenol	<0.74		0.74	0.64	mg/Kg	✳	06/08/22 07:03	06/08/22 21:32	1
2,4-Dinitrotoluene	<0.18		0.18	0.058	mg/Kg	✳	06/08/22 07:03	06/08/22 21:32	1
2,6-Dinitrotoluene	<0.18		0.18	0.072	mg/Kg	✳	06/08/22 07:03	06/08/22 21:32	1
2-Chloronaphthalene	<0.18		0.18	0.040	mg/Kg	✳	06/08/22 07:03	06/08/22 21:32	1
2-Chlorophenol	<0.18		0.18	0.062	mg/Kg	✳	06/08/22 07:03	06/08/22 21:32	1
2-Methylnaphthalene	<0.074		0.074	0.0067	mg/Kg	✳	06/08/22 07:03	06/08/22 21:32	1
2-Methylphenol	<0.18		0.18	0.059	mg/Kg	✳	06/08/22 07:03	06/08/22 21:32	1
2-Nitroaniline	<0.18		0.18	0.049	mg/Kg	✳	06/08/22 07:03	06/08/22 21:32	1
2-Nitrophenol	<0.36		0.36	0.087	mg/Kg	✳	06/08/22 07:03	06/08/22 21:32	1
3 & 4 Methylphenol	<0.18		0.18	0.061	mg/Kg	✳	06/08/22 07:03	06/08/22 21:32	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.051	mg/Kg	✳	06/08/22 07:03	06/08/22 21:32	1
3-Nitroaniline	<0.36		0.36	0.11	mg/Kg	✳	06/08/22 07:03	06/08/22 21:32	1
4,6-Dinitro-2-methylphenol	<0.74		0.74	0.29	mg/Kg	✳	06/08/22 07:03	06/08/22 21:32	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.048	mg/Kg	✳	06/08/22 07:03	06/08/22 21:32	1
4-Chloro-3-methylphenol	<0.36		0.36	0.12	mg/Kg	✳	06/08/22 07:03	06/08/22 21:32	1
4-Chloroaniline	<0.74		0.74	0.17	mg/Kg	✳	06/08/22 07:03	06/08/22 21:32	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.043	mg/Kg	✳	06/08/22 07:03	06/08/22 21:32	1
4-Nitroaniline	<0.36		0.36	0.15	mg/Kg	✳	06/08/22 07:03	06/08/22 21:32	1
4-Nitrophenol	<0.74		0.74	0.35	mg/Kg	✳	06/08/22 07:03	06/08/22 21:32	1
Acenaphthene	<0.036		0.036	0.0066	mg/Kg	✳	06/08/22 07:03	06/08/22 21:32	1
Acenaphthylene	<0.036		0.036	0.0048	mg/Kg	✳	06/08/22 07:03	06/08/22 21:32	1
<b>Anthracene</b>	<b>0.0085</b>	<b>J</b>	0.036	0.0061	mg/Kg	✳	06/08/22 07:03	06/08/22 21:32	1
<b>Benzo[a]anthracene</b>	<b>0.031</b>	<b>J</b>	0.036	0.0049	mg/Kg	✳	06/08/22 07:03	06/08/22 21:32	1
<b>Benzo[a]pyrene</b>	<b>0.037</b>		0.036	0.0071	mg/Kg	✳	06/08/22 07:03	06/08/22 21:32	1
<b>Benzo[b]fluoranthene</b>	<b>0.063</b>		0.036	0.0079	mg/Kg	✳	06/08/22 07:03	06/08/22 21:32	1
<b>Benzo[g,h,i]perylene</b>	<b>0.020</b>	<b>J</b>	0.036	0.012	mg/Kg	✳	06/08/22 07:03	06/08/22 21:32	1
<b>Benzo[k]fluoranthene</b>	<b>0.023</b>	<b>J</b>	0.036	0.011	mg/Kg	✳	06/08/22 07:03	06/08/22 21:32	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.037	mg/Kg	✳	06/08/22 07:03	06/08/22 21:32	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.055	mg/Kg	✳	06/08/22 07:03	06/08/22 21:32	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.067	mg/Kg	✳	06/08/22 07:03	06/08/22 21:32	1
Butyl benzyl phthalate	<0.18		0.18	0.070	mg/Kg	✳	06/08/22 07:03	06/08/22 21:32	1
Carbazole	<0.18		0.18	0.091	mg/Kg	✳	06/08/22 07:03	06/08/22 21:32	1
<b>Chrysene</b>	<b>0.043</b>		0.036	0.010	mg/Kg	✳	06/08/22 07:03	06/08/22 21:32	1
Dibenz(a,h)anthracene	<0.036		0.036	0.0071	mg/Kg	✳	06/08/22 07:03	06/08/22 21:32	1
Dibenzofuran	<0.18		0.18	0.043	mg/Kg	✳	06/08/22 07:03	06/08/22 21:32	1
Diethyl phthalate	<0.18		0.18	0.062	mg/Kg	✳	06/08/22 07:03	06/08/22 21:32	1
Dimethyl phthalate	<0.18		0.18	0.048	mg/Kg	✳	06/08/22 07:03	06/08/22 21:32	1
Di-n-butyl phthalate	<0.18		0.18	0.056	mg/Kg	✳	06/08/22 07:03	06/08/22 21:32	1
Di-n-octyl phthalate	<0.18		0.18	0.060	mg/Kg	✳	06/08/22 07:03	06/08/22 21:32	1
<b>Fluoranthene</b>	<b>0.081</b>		0.036	0.0068	mg/Kg	✳	06/08/22 07:03	06/08/22 21:32	1
Fluorene	<0.036		0.036	0.0051	mg/Kg	✳	06/08/22 07:03	06/08/22 21:32	1
Hexachlorobenzene	<0.074		0.074	0.0085	mg/Kg	✳	06/08/22 07:03	06/08/22 21:32	1
Hexachlorobutadiene	<0.18		0.18	0.058	mg/Kg	✳	06/08/22 07:03	06/08/22 21:32	1
Hexachlorocyclopentadiene	<0.74		0.74	0.21	mg/Kg	✳	06/08/22 07:03	06/08/22 21:32	1
Hexachloroethane	<0.18		0.18	0.056	mg/Kg	✳	06/08/22 07:03	06/08/22 21:32	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217246-1

**Client Sample ID: ROW-140(4-9)-052522**

**Lab Sample ID: 500-217246-2**

Date Collected: 05/25/22 21:35

Matrix: Solid

Date Received: 05/26/22 17:45

Percent Solids: 85.6

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.019</b>	<b>J</b>	0.036	0.0095	mg/Kg	☼	06/08/22 07:03	06/08/22 21:32	1
Isophorone	<0.18		0.18	0.041	mg/Kg	☼	06/08/22 07:03	06/08/22 21:32	1
Naphthalene	<0.036		0.036	0.0056	mg/Kg	☼	06/08/22 07:03	06/08/22 21:32	1
Nitrobenzene	<0.036		0.036	0.0091	mg/Kg	☼	06/08/22 07:03	06/08/22 21:32	1
N-Nitrosodi-n-propylamine	<0.074		0.074	0.045	mg/Kg	☼	06/08/22 07:03	06/08/22 21:32	1
N-Nitrosodiphenylamine	<0.18		0.18	0.043	mg/Kg	☼	06/08/22 07:03	06/08/22 21:32	1
Pentachlorophenol	<0.74		0.74	0.59	mg/Kg	☼	06/08/22 07:03	06/08/22 21:32	1
<b>Phenanthrene</b>	<b>0.031</b>	<b>J</b>	0.036	0.0051	mg/Kg	☼	06/08/22 07:03	06/08/22 21:32	1
Phenol	<0.18		0.18	0.081	mg/Kg	☼	06/08/22 07:03	06/08/22 21:32	1
<b>Pyrene</b>	<b>0.055</b>		0.036	0.0073	mg/Kg	☼	06/08/22 07:03	06/08/22 21:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	126		31 - 143	06/08/22 07:03	06/08/22 21:32	1
2-Fluorobiphenyl (Surr)	88		43 - 145	06/08/22 07:03	06/08/22 21:32	1
2-Fluorophenol (Surr)	91		31 - 166	06/08/22 07:03	06/08/22 21:32	1
Nitrobenzene-d5 (Surr)	65		37 - 147	06/08/22 07:03	06/08/22 21:32	1
Phenol-d5 (Surr)	81		30 - 153	06/08/22 07:03	06/08/22 21:32	1
Terphenyl-d14 (Surr)	90		42 - 157	06/08/22 07:03	06/08/22 21:32	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/06/22 07:56	06/06/22 16:38	1
<b>Barium</b>	<b>0.55</b>		0.50	0.050	mg/L		06/06/22 07:56	06/06/22 16:38	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/06/22 07:56	06/06/22 16:38	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/06/22 07:56	06/06/22 16:38	1
Chromium	<0.025		0.025	0.010	mg/L		06/06/22 07:56	06/06/22 16:38	1
<b>Cobalt</b>	<b>0.012</b>	<b>J</b>	0.025	0.010	mg/L		06/06/22 07:56	06/06/22 16:38	1
<b>Copper</b>	<b>0.015</b>	<b>J</b>	0.025	0.010	mg/L		06/06/22 07:56	06/06/22 16:38	1
<b>Iron</b>	<b>0.23</b>	<b>J</b>	0.40	0.20	mg/L		06/06/22 07:56	06/06/22 16:38	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/06/22 07:56	06/06/22 16:38	1
<b>Manganese</b>	<b>0.89</b>		0.025	0.010	mg/L		06/06/22 07:56	06/06/22 16:38	1
<b>Nickel</b>	<b>0.011</b>	<b>J</b>	0.025	0.010	mg/L		06/06/22 07:56	06/06/22 16:38	1
Selenium	<0.050		0.050	0.020	mg/L		06/06/22 07:56	06/06/22 16:38	1
Silver	<0.025		0.025	0.010	mg/L		06/06/22 07:56	06/06/22 16:38	1
<b>Zinc</b>	<b>0.24</b>	<b>J</b>	0.50	0.020	mg/L		06/06/22 07:56	06/06/22 16:38	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.026</b>	<b>J F1</b>	0.050	0.010	mg/L		06/06/22 08:00	06/06/22 20:15	1
<b>Barium</b>	<b>0.34</b>	<b>J F1</b>	0.50	0.050	mg/L		06/06/22 08:00	06/06/22 20:15	1
Beryllium	<0.0040	F1	0.0040	0.0040	mg/L		06/06/22 08:00	06/06/22 20:15	1
Cadmium	<0.0050	F1	0.0050	0.0020	mg/L		06/06/22 08:00	06/06/22 20:15	1
<b>Chromium</b>	<b>0.092</b>	<b>F1</b>	0.025	0.010	mg/L		06/06/22 08:00	06/06/22 20:15	1
<b>Cobalt</b>	<b>0.018</b>	<b>J F1</b>	0.025	0.010	mg/L		06/06/22 08:00	06/06/22 20:15	1
<b>Copper</b>	<b>0.097</b>	<b>F1</b>	0.025	0.010	mg/L		06/06/22 08:00	06/06/22 20:15	1
<b>Iron</b>	<b>91</b>		0.40	0.20	mg/L		06/06/22 08:00	06/06/22 20:15	1
<b>Lead</b>	<b>0.037</b>	<b>F1 B</b>	0.0075	0.0075	mg/L		06/06/22 08:00	06/06/22 20:15	1
<b>Manganese</b>	<b>0.52</b>	<b>F1</b>	0.025	0.010	mg/L		06/06/22 08:00	06/06/22 20:15	1
<b>Nickel</b>	<b>0.086</b>	<b>F1</b>	0.025	0.010	mg/L		06/06/22 08:00	06/06/22 20:15	1
Selenium	<0.050	F1	0.050	0.020	mg/L		06/06/22 08:00	06/06/22 20:15	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217246-1

**Client Sample ID: ROW-140(4-9)-052522**

**Lab Sample ID: 500-217246-2**

Date Collected: 05/25/22 21:35

Matrix: Solid

Date Received: 05/26/22 17:45

Percent Solids: 85.6

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025	F1	0.025	0.010	mg/L		06/06/22 08:00	06/06/22 20:15	1
<b>Zinc</b>	<b>0.36</b>	<b>J F1</b>	0.50	0.020	mg/L		06/06/22 08:00	06/06/22 20:15	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>3600</b>	<b>B</b>	11	4.6	mg/Kg	☆	06/06/22 09:01	06/06/22 16:47	1
Antimony	<1.1		1.1	0.22	mg/Kg	☆	06/06/22 09:01	06/06/22 16:47	1
<b>Arsenic</b>	<b>2.9</b>		0.56	0.19	mg/Kg	☆	06/06/22 09:01	06/06/22 16:47	1
<b>Barium</b>	<b>36</b>	<b>B</b>	0.56	0.064	mg/Kg	☆	06/06/22 09:01	06/06/22 16:47	1
<b>Beryllium</b>	<b>0.25</b>		0.23	0.053	mg/Kg	☆	06/06/22 09:01	06/06/22 16:47	1
<b>Cadmium</b>	<b>0.088</b>	<b>J B</b>	0.11	0.020	mg/Kg	☆	06/06/22 09:01	06/06/22 16:47	1
<b>Calcium</b>	<b>4900</b>		11	1.9	mg/Kg	☆	06/06/22 09:01	06/06/22 16:47	1
<b>Chromium</b>	<b>7.2</b>		0.56	0.28	mg/Kg	☆	06/06/22 09:01	06/06/22 16:47	1
<b>Cobalt</b>	<b>2.6</b>		0.28	0.074	mg/Kg	☆	06/06/22 09:01	06/06/22 16:47	1
<b>Copper</b>	<b>6.5</b>	<b>B</b>	0.56	0.16	mg/Kg	☆	06/06/22 09:01	06/06/22 16:47	1
<b>Iron</b>	<b>6400</b>		11	5.9	mg/Kg	☆	06/06/22 09:01	06/06/22 16:47	1
<b>Lead</b>	<b>5.6</b>		0.28	0.13	mg/Kg	☆	06/06/22 09:01	06/06/22 16:47	1
<b>Magnesium</b>	<b>3200</b>		5.6	2.8	mg/Kg	☆	06/06/22 09:01	06/06/22 16:47	1
<b>Manganese</b>	<b>100</b>		0.56	0.082	mg/Kg	☆	06/06/22 09:01	06/06/22 16:47	1
<b>Nickel</b>	<b>6.7</b>		0.56	0.16	mg/Kg	☆	06/06/22 09:01	06/06/22 16:47	1
<b>Potassium</b>	<b>370</b>		28	10	mg/Kg	☆	06/06/22 09:01	06/06/22 16:47	1
Selenium	<0.56		0.56	0.33	mg/Kg	☆	06/06/22 09:01	06/06/22 16:47	1
<b>Silver</b>	<b>0.15</b>	<b>J</b>	0.28	0.073	mg/Kg	☆	06/06/22 09:01	06/06/22 16:47	1
<b>Sodium</b>	<b>410</b>		56	8.4	mg/Kg	☆	06/06/22 09:01	06/07/22 12:05	1
Thallium	<0.56		0.56	0.28	mg/Kg	☆	06/06/22 09:01	06/07/22 12:05	1
<b>Vanadium</b>	<b>10</b>		0.28	0.067	mg/Kg	☆	06/06/22 09:01	06/06/22 16:47	1
<b>Zinc</b>	<b>25</b>	<b>B</b>	1.1	0.50	mg/Kg	☆	06/06/22 09:01	06/06/22 16:47	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/22 13:15	06/06/22 11:59	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/22 13:15	06/06/22 13:56	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.016</b>	<b>J</b>	0.018	0.0061	mg/Kg	☆	06/03/22 16:35	06/06/22 08:15	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>7.9</b>		0.2	0.2	SU			06/01/22 16:19	1

# Client Sample Results

Client: Weston Solutions, Inc.  
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217246-1

**Client Sample ID: ROW-143(0-4)-052522**

**Lab Sample ID: 500-217246-3**

**Date Collected: 05/25/22 21:40**

**Matrix: Solid**

**Date Received: 05/26/22 17:45**

**Percent Solids: 79.6**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>0.070</b>		0.018	0.0081	mg/Kg	☼	05/25/22 21:40	06/06/22 16:17	1
Benzene	<0.0018		0.0018	0.00047	mg/Kg	☼	05/25/22 21:40	06/06/22 16:17	1
Bromodichloromethane	<0.0018		0.0018	0.00038	mg/Kg	☼	05/25/22 21:40	06/06/22 16:17	1
Bromoform	<0.0018		0.0018	0.00054	mg/Kg	☼	05/25/22 21:40	06/06/22 16:17	1
Bromomethane	<0.0046		0.0046	0.0017	mg/Kg	☼	05/25/22 21:40	06/06/22 16:17	1
Carbon disulfide	<0.0046		0.0046	0.00096	mg/Kg	☼	05/25/22 21:40	06/06/22 16:17	1
Carbon tetrachloride	<0.0018		0.0018	0.00054	mg/Kg	☼	05/25/22 21:40	06/06/22 16:17	1
Chlorobenzene	<0.0018		0.0018	0.00068	mg/Kg	☼	05/25/22 21:40	06/06/22 16:17	1
Chloroethane	<0.0046		0.0046	0.0014	mg/Kg	☼	05/25/22 21:40	06/06/22 16:17	1
Chloroform	<0.0018		0.0018	0.00064	mg/Kg	☼	05/25/22 21:40	06/06/22 16:17	1
Chloromethane	<0.0046		0.0046	0.0019	mg/Kg	☼	05/25/22 21:40	06/06/22 16:17	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00052	mg/Kg	☼	05/25/22 21:40	06/06/22 16:17	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00056	mg/Kg	☼	05/25/22 21:40	06/06/22 16:17	1
Dibromochloromethane	<0.0018		0.0018	0.00060	mg/Kg	☼	05/25/22 21:40	06/06/22 16:17	1
1,1-Dichloroethane	<0.0018		0.0018	0.00063	mg/Kg	☼	05/25/22 21:40	06/06/22 16:17	1
1,2-Dichloroethane	<0.0046		0.0046	0.0014	mg/Kg	☼	05/25/22 21:40	06/06/22 16:17	1
1,1-Dichloroethene	<0.0018		0.0018	0.00064	mg/Kg	☼	05/25/22 21:40	06/06/22 16:17	1
1,2-Dichloropropane	<0.0018		0.0018	0.00048	mg/Kg	☼	05/25/22 21:40	06/06/22 16:17	1
1,3-Dichloropropane, Total	<0.0018		0.0018	0.00065	mg/Kg	☼	05/25/22 21:40	06/06/22 16:17	1
Ethylbenzene	<0.0018		0.0018	0.00088	mg/Kg	☼	05/25/22 21:40	06/06/22 16:17	1
2-Hexanone	<0.0046		0.0046	0.0014	mg/Kg	☼	05/25/22 21:40	06/06/22 16:17	1
Methylene Chloride	<0.0046		0.0046	0.0018	mg/Kg	☼	05/25/22 21:40	06/06/22 16:17	1
Methyl Ethyl Ketone	<0.0046		0.0046	0.0021	mg/Kg	☼	05/25/22 21:40	06/06/22 16:17	1
methyl isobutyl ketone	<0.0046		0.0046	0.0014	mg/Kg	☼	05/25/22 21:40	06/06/22 16:17	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00054	mg/Kg	☼	05/25/22 21:40	06/06/22 16:17	1
Styrene	<0.0018		0.0018	0.00056	mg/Kg	☼	05/25/22 21:40	06/06/22 16:17	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00059	mg/Kg	☼	05/25/22 21:40	06/06/22 16:17	1
Tetrachloroethene	<0.0018		0.0018	0.00063	mg/Kg	☼	05/25/22 21:40	06/06/22 16:17	1
Toluene	<0.0018		0.0018	0.00047	mg/Kg	☼	05/25/22 21:40	06/06/22 16:17	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00082	mg/Kg	☼	05/25/22 21:40	06/06/22 16:17	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00065	mg/Kg	☼	05/25/22 21:40	06/06/22 16:17	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00062	mg/Kg	☼	05/25/22 21:40	06/06/22 16:17	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00079	mg/Kg	☼	05/25/22 21:40	06/06/22 16:17	1
Trichloroethene	<0.0018		0.0018	0.00062	mg/Kg	☼	05/25/22 21:40	06/06/22 16:17	1
Vinyl chloride	<0.0018		0.0018	0.00082	mg/Kg	☼	05/25/22 21:40	06/06/22 16:17	1
Xylenes, Total	<0.0037		0.0037	0.00059	mg/Kg	☼	05/25/22 21:40	06/06/22 16:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		75 - 131	05/25/22 21:40	06/06/22 16:17	1
Dibromofluoromethane (Surr)	113		75 - 126	05/25/22 21:40	06/06/22 16:17	1
1,2-Dichloroethane-d4 (Surr)	130		70 - 134	05/25/22 21:40	06/06/22 16:17	1
Toluene-d8 (Surr)	98		75 - 124	05/25/22 21:40	06/06/22 16:17	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.21		0.21	0.044	mg/Kg	☼	06/08/22 07:03	06/08/22 21:56	1
1,2-Dichlorobenzene	<0.21		0.21	0.049	mg/Kg	☼	06/08/22 07:03	06/08/22 21:56	1
1,3-Dichlorobenzene	<0.21		0.21	0.046	mg/Kg	☼	06/08/22 07:03	06/08/22 21:56	1
1,4-Dichlorobenzene	<0.21		0.21	0.053	mg/Kg	☼	06/08/22 07:03	06/08/22 21:56	1
2,2'-oxybis[1-chloropropane]	<0.21		0.21	0.048	mg/Kg	☼	06/08/22 07:03	06/08/22 21:56	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217246-1

**Client Sample ID: ROW-143(0-4)-052522**

**Lab Sample ID: 500-217246-3**

Date Collected: 05/25/22 21:40

Matrix: Solid

Date Received: 05/26/22 17:45

Percent Solids: 79.6

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.41		0.41	0.094	mg/Kg	☆	06/08/22 07:03	06/08/22 21:56	1
2,4,6-Trichlorophenol	<0.41		0.41	0.14	mg/Kg	☆	06/08/22 07:03	06/08/22 21:56	1
2,4-Dichlorophenol	<0.41		0.41	0.097	mg/Kg	☆	06/08/22 07:03	06/08/22 21:56	1
2,4-Dimethylphenol	<0.41		0.41	0.16	mg/Kg	☆	06/08/22 07:03	06/08/22 21:56	1
2,4-Dinitrophenol	<0.83		0.83	0.72	mg/Kg	☆	06/08/22 07:03	06/08/22 21:56	1
2,4-Dinitrotoluene	<0.21		0.21	0.065	mg/Kg	☆	06/08/22 07:03	06/08/22 21:56	1
2,6-Dinitrotoluene	<0.21		0.21	0.081	mg/Kg	☆	06/08/22 07:03	06/08/22 21:56	1
2-Chloronaphthalene	<0.21		0.21	0.045	mg/Kg	☆	06/08/22 07:03	06/08/22 21:56	1
2-Chlorophenol	<0.21		0.21	0.070	mg/Kg	☆	06/08/22 07:03	06/08/22 21:56	1
2-Methylnaphthalene	<0.083		0.083	0.0075	mg/Kg	☆	06/08/22 07:03	06/08/22 21:56	1
2-Methylphenol	<0.21		0.21	0.066	mg/Kg	☆	06/08/22 07:03	06/08/22 21:56	1
2-Nitroaniline	<0.21		0.21	0.055	mg/Kg	☆	06/08/22 07:03	06/08/22 21:56	1
2-Nitrophenol	<0.41		0.41	0.097	mg/Kg	☆	06/08/22 07:03	06/08/22 21:56	1
3 & 4 Methylphenol	<0.21		0.21	0.068	mg/Kg	☆	06/08/22 07:03	06/08/22 21:56	1
3,3'-Dichlorobenzidine	<0.21		0.21	0.057	mg/Kg	☆	06/08/22 07:03	06/08/22 21:56	1
3-Nitroaniline	<0.41		0.41	0.13	mg/Kg	☆	06/08/22 07:03	06/08/22 21:56	1
4,6-Dinitro-2-methylphenol	<0.83		0.83	0.33	mg/Kg	☆	06/08/22 07:03	06/08/22 21:56	1
4-Bromophenyl phenyl ether	<0.21		0.21	0.054	mg/Kg	☆	06/08/22 07:03	06/08/22 21:56	1
4-Chloro-3-methylphenol	<0.41		0.41	0.14	mg/Kg	☆	06/08/22 07:03	06/08/22 21:56	1
4-Chloroaniline	<0.83		0.83	0.19	mg/Kg	☆	06/08/22 07:03	06/08/22 21:56	1
4-Chlorophenyl phenyl ether	<0.21		0.21	0.048	mg/Kg	☆	06/08/22 07:03	06/08/22 21:56	1
4-Nitroaniline	<0.41		0.41	0.17	mg/Kg	☆	06/08/22 07:03	06/08/22 21:56	1
4-Nitrophenol	<0.83		0.83	0.39	mg/Kg	☆	06/08/22 07:03	06/08/22 21:56	1
Acenaphthene	<0.041		0.041	0.0074	mg/Kg	☆	06/08/22 07:03	06/08/22 21:56	1
Acenaphthylene	<0.041		0.041	0.0054	mg/Kg	☆	06/08/22 07:03	06/08/22 21:56	1
Anthracene	<0.041		0.041	0.0069	mg/Kg	☆	06/08/22 07:03	06/08/22 21:56	1
Benzo[a]anthracene	<0.041		0.041	0.0055	mg/Kg	☆	06/08/22 07:03	06/08/22 21:56	1
Benzo[a]pyrene	<0.041		0.041	0.0079	mg/Kg	☆	06/08/22 07:03	06/08/22 21:56	1
Benzo[b]fluoranthene	<0.041		0.041	0.0089	mg/Kg	☆	06/08/22 07:03	06/08/22 21:56	1
Benzo[g,h,i]perylene	<0.041		0.041	0.013	mg/Kg	☆	06/08/22 07:03	06/08/22 21:56	1
Benzo[k]fluoranthene	<0.041		0.041	0.012	mg/Kg	☆	06/08/22 07:03	06/08/22 21:56	1
Bis(2-chloroethoxy)methane	<0.21		0.21	0.042	mg/Kg	☆	06/08/22 07:03	06/08/22 21:56	1
Bis(2-chloroethyl)ether	<0.21		0.21	0.062	mg/Kg	☆	06/08/22 07:03	06/08/22 21:56	1
Bis(2-ethylhexyl) phthalate	<0.21		0.21	0.075	mg/Kg	☆	06/08/22 07:03	06/08/22 21:56	1
Butyl benzyl phthalate	<0.21		0.21	0.078	mg/Kg	☆	06/08/22 07:03	06/08/22 21:56	1
Carbazole	<0.21		0.21	0.10	mg/Kg	☆	06/08/22 07:03	06/08/22 21:56	1
Chrysene	<0.041		0.041	0.011	mg/Kg	☆	06/08/22 07:03	06/08/22 21:56	1
Dibenz(a,h)anthracene	<0.041		0.041	0.0079	mg/Kg	☆	06/08/22 07:03	06/08/22 21:56	1
Dibenzofuran	<0.21		0.21	0.048	mg/Kg	☆	06/08/22 07:03	06/08/22 21:56	1
Diethyl phthalate	<0.21		0.21	0.070	mg/Kg	☆	06/08/22 07:03	06/08/22 21:56	1
Dimethyl phthalate	<0.21		0.21	0.054	mg/Kg	☆	06/08/22 07:03	06/08/22 21:56	1
Di-n-butyl phthalate	<0.21		0.21	0.062	mg/Kg	☆	06/08/22 07:03	06/08/22 21:56	1
Di-n-octyl phthalate	<0.21		0.21	0.067	mg/Kg	☆	06/08/22 07:03	06/08/22 21:56	1
<b>Fluoranthene</b>	<b>0.0086</b>	<b>J</b>	0.041	0.0076	mg/Kg	☆	06/08/22 07:03	06/08/22 21:56	1
Fluorene	<0.041		0.041	0.0058	mg/Kg	☆	06/08/22 07:03	06/08/22 21:56	1
Hexachlorobenzene	<0.083		0.083	0.0095	mg/Kg	☆	06/08/22 07:03	06/08/22 21:56	1
Hexachlorobutadiene	<0.21		0.21	0.064	mg/Kg	☆	06/08/22 07:03	06/08/22 21:56	1
Hexachlorocyclopentadiene	<0.83		0.83	0.24	mg/Kg	☆	06/08/22 07:03	06/08/22 21:56	1
Hexachloroethane	<0.21		0.21	0.062	mg/Kg	☆	06/08/22 07:03	06/08/22 21:56	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217246-1

**Client Sample ID: ROW-143(0-4)-052522**

**Lab Sample ID: 500-217246-3**

Date Collected: 05/25/22 21:40

Matrix: Solid

Date Received: 05/26/22 17:45

Percent Solids: 79.6

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.041		0.041	0.011	mg/Kg	☼	06/08/22 07:03	06/08/22 21:56	1
Isophorone	<0.21		0.21	0.046	mg/Kg	☼	06/08/22 07:03	06/08/22 21:56	1
<b>Naphthalene</b>	<b>0.0072</b>	<b>J</b>	0.041	0.0063	mg/Kg	☼	06/08/22 07:03	06/08/22 21:56	1
Nitrobenzene	<0.041		0.041	0.010	mg/Kg	☼	06/08/22 07:03	06/08/22 21:56	1
N-Nitrosodi-n-propylamine	<0.083		0.083	0.050	mg/Kg	☼	06/08/22 07:03	06/08/22 21:56	1
N-Nitrosodiphenylamine	<0.21		0.21	0.048	mg/Kg	☼	06/08/22 07:03	06/08/22 21:56	1
Pentachlorophenol	<0.83		0.83	0.66	mg/Kg	☼	06/08/22 07:03	06/08/22 21:56	1
<b>Phenanthrene</b>	<b>0.0059</b>	<b>J</b>	0.041	0.0057	mg/Kg	☼	06/08/22 07:03	06/08/22 21:56	1
Phenol	<0.21		0.21	0.091	mg/Kg	☼	06/08/22 07:03	06/08/22 21:56	1
Pyrene	<0.041		0.041	0.0082	mg/Kg	☼	06/08/22 07:03	06/08/22 21:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	119		31 - 143				06/08/22 07:03	06/08/22 21:56	1
2-Fluorobiphenyl (Surr)	79		43 - 145				06/08/22 07:03	06/08/22 21:56	1
2-Fluorophenol (Surr)	91		31 - 166				06/08/22 07:03	06/08/22 21:56	1
Nitrobenzene-d5 (Surr)	64		37 - 147				06/08/22 07:03	06/08/22 21:56	1
Phenol-d5 (Surr)	83		30 - 153				06/08/22 07:03	06/08/22 21:56	1
Terphenyl-d14 (Surr)	85		42 - 157				06/08/22 07:03	06/08/22 21:56	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.012</b>	<b>J</b>	0.050	0.010	mg/L		06/06/22 07:56	06/06/22 16:45	1
<b>Barium</b>	<b>0.62</b>		0.50	0.050	mg/L		06/06/22 07:56	06/06/22 16:45	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/06/22 07:56	06/06/22 16:45	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/06/22 07:56	06/06/22 16:45	1
Chromium	<0.025		0.025	0.010	mg/L		06/06/22 07:56	06/06/22 16:45	1
<b>Cobalt</b>	<b>0.022</b>	<b>J</b>	0.025	0.010	mg/L		06/06/22 07:56	06/06/22 16:45	1
Copper	<0.025		0.025	0.010	mg/L		06/06/22 07:56	06/06/22 16:45	1
<b>Iron</b>	<b>0.96</b>		0.40	0.20	mg/L		06/06/22 07:56	06/06/22 16:45	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/06/22 07:56	06/06/22 16:45	1
<b>Manganese</b>	<b>7.3</b>		0.025	0.010	mg/L		06/06/22 07:56	06/06/22 16:45	1
<b>Nickel</b>	<b>0.012</b>	<b>J</b>	0.025	0.010	mg/L		06/06/22 07:56	06/06/22 16:45	1
Selenium	<0.050		0.050	0.020	mg/L		06/06/22 07:56	06/06/22 16:45	1
Silver	<0.025		0.025	0.010	mg/L		06/06/22 07:56	06/06/22 16:45	1
<b>Zinc</b>	<b>0.036</b>	<b>J</b>	0.50	0.020	mg/L		06/06/22 07:56	06/06/22 16:45	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.025</b>	<b>J</b>	0.050	0.010	mg/L		06/06/22 08:00	06/06/22 20:34	1
<b>Barium</b>	<b>0.50</b>		0.50	0.050	mg/L		06/06/22 08:00	06/06/22 20:34	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/06/22 08:00	06/06/22 20:34	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/06/22 08:00	06/06/22 20:34	1
<b>Chromium</b>	<b>0.083</b>		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 20:34	1
<b>Cobalt</b>	<b>0.021</b>	<b>J</b>	0.025	0.010	mg/L		06/06/22 08:00	06/06/22 20:34	1
<b>Copper</b>	<b>0.072</b>		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 20:34	1
<b>Iron</b>	<b>75</b>		0.40	0.20	mg/L		06/06/22 08:00	06/06/22 20:34	1
<b>Lead</b>	<b>0.043</b>	<b>B</b>	0.0075	0.0075	mg/L		06/06/22 08:00	06/06/22 20:34	1
<b>Manganese</b>	<b>0.58</b>		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 20:34	1
<b>Nickel</b>	<b>0.055</b>		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 20:34	1
Selenium	<0.050		0.050	0.020	mg/L		06/06/22 08:00	06/06/22 20:34	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217246-1

**Client Sample ID: ROW-143(0-4)-052522**

**Lab Sample ID: 500-217246-3**

Date Collected: 05/25/22 21:40

Matrix: Solid

Date Received: 05/26/22 17:45

Percent Solids: 79.6

## Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 20:34	1
<b>Zinc</b>	<b>0.26</b>	<b>J</b>	0.50	0.020	mg/L		06/06/22 08:00	06/06/22 20:34	1

## Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>11000</b>	<b>B</b>	13	5.1	mg/Kg	☆	06/06/22 09:01	06/06/22 16:50	1
<b>Antimony</b>	<b>0.39</b>	<b>J</b>	1.3	0.24	mg/Kg	☆	06/06/22 09:01	06/06/22 16:50	1
<b>Arsenic</b>	<b>5.8</b>		0.63	0.21	mg/Kg	☆	06/06/22 09:01	06/06/22 16:50	1
<b>Barium</b>	<b>120</b>	<b>B</b>	0.63	0.071	mg/Kg	☆	06/06/22 09:01	06/06/22 16:50	1
<b>Beryllium</b>	<b>0.69</b>		0.25	0.059	mg/Kg	☆	06/06/22 09:01	06/06/22 16:50	1
<b>Cadmium</b>	<b>0.32</b>	<b>B</b>	0.13	0.023	mg/Kg	☆	06/06/22 09:01	06/06/22 16:50	1
<b>Calcium</b>	<b>5000</b>		13	2.1	mg/Kg	☆	06/06/22 09:01	06/06/22 16:50	1
<b>Chromium</b>	<b>12</b>		0.63	0.31	mg/Kg	☆	06/06/22 09:01	06/06/22 16:50	1
<b>Cobalt</b>	<b>8.5</b>		0.31	0.082	mg/Kg	☆	06/06/22 09:01	06/06/22 16:50	1
<b>Copper</b>	<b>15</b>	<b>B</b>	0.63	0.18	mg/Kg	☆	06/06/22 09:01	06/06/22 16:50	1
<b>Iron</b>	<b>14000</b>		13	6.5	mg/Kg	☆	06/06/22 09:01	06/06/22 16:50	1
<b>Lead</b>	<b>14</b>		0.31	0.14	mg/Kg	☆	06/06/22 09:01	06/06/22 16:50	1
<b>Magnesium</b>	<b>3300</b>		6.3	3.1	mg/Kg	☆	06/06/22 09:01	06/06/22 16:50	1
<b>Manganese</b>	<b>360</b>		0.63	0.091	mg/Kg	☆	06/06/22 09:01	06/06/22 16:50	1
<b>Nickel</b>	<b>17</b>		0.63	0.18	mg/Kg	☆	06/06/22 09:01	06/06/22 16:50	1
<b>Potassium</b>	<b>720</b>		31	11	mg/Kg	☆	06/06/22 09:01	06/06/22 16:50	1
<b>Selenium</b>	<b>0.44</b>	<b>J</b>	0.63	0.37	mg/Kg	☆	06/06/22 09:01	06/06/22 16:50	1
<b>Silver</b>	<b>0.33</b>		0.31	0.081	mg/Kg	☆	06/06/22 09:01	06/06/22 16:50	1
<b>Sodium</b>	<b>420</b>		63	9.3	mg/Kg	☆	06/06/22 09:01	06/07/22 12:08	1
<b>Thallium</b>	<b>0.36</b>	<b>J</b>	0.63	0.31	mg/Kg	☆	06/06/22 09:01	06/07/22 12:08	1
<b>Vanadium</b>	<b>22</b>		0.31	0.074	mg/Kg	☆	06/06/22 09:01	06/06/22 16:50	1
<b>Zinc</b>	<b>47</b>	<b>B</b>	1.3	0.55	mg/Kg	☆	06/06/22 09:01	06/06/22 16:50	1

## Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/22 13:15	06/06/22 12:01	1

## Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/22 13:15	06/06/22 14:02	1

## Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.039</b>		0.018	0.0061	mg/Kg	☆	06/03/22 16:35	06/06/22 08:17	1

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>6.7</b>		0.2	0.2	SU			06/01/22 16:21	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217246-1

**Client Sample ID: ROW-143(4-9)-052522**

**Lab Sample ID: 500-217246-4**

Date Collected: 05/25/22 21:45

Matrix: Solid

Date Received: 05/26/22 17:45

Percent Solids: 80.7

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>0.027</b>		0.019	0.0081	mg/Kg	☼	05/27/22 18:36	05/31/22 15:46	1
Benzene	<0.0019		0.0019	0.00048	mg/Kg	☼	05/27/22 18:36	05/31/22 15:46	1
Bromodichloromethane	<0.0019		0.0019	0.00038	mg/Kg	☼	05/27/22 18:36	05/31/22 15:46	1
Bromoform	<0.0019		0.0019	0.00055	mg/Kg	☼	05/27/22 18:36	05/31/22 15:46	1
Bromomethane	<0.0047		0.0047	0.0018	mg/Kg	☼	05/27/22 18:36	05/31/22 15:46	1
Carbon disulfide	<0.0047		0.0047	0.00097	mg/Kg	☼	05/27/22 18:36	05/31/22 15:46	1
Carbon tetrachloride	<0.0019		0.0019	0.00054	mg/Kg	☼	05/27/22 18:36	05/31/22 15:46	1
Chlorobenzene	<0.0019		0.0019	0.00069	mg/Kg	☼	05/27/22 18:36	05/31/22 15:46	1
Chloroethane	<0.0047		0.0047	0.0014	mg/Kg	☼	05/27/22 18:36	05/31/22 15:46	1
Chloroform	<0.0019		0.0019	0.00065	mg/Kg	☼	05/27/22 18:36	05/31/22 15:46	1
Chloromethane	<0.0047		0.0047	0.0019	mg/Kg	☼	05/27/22 18:36	05/31/22 15:46	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00052	mg/Kg	☼	05/27/22 18:36	05/31/22 15:46	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00056	mg/Kg	☼	05/27/22 18:36	05/31/22 15:46	1
Dibromochloromethane	<0.0019		0.0019	0.00061	mg/Kg	☼	05/27/22 18:36	05/31/22 15:46	1
1,1-Dichloroethane	<0.0019		0.0019	0.00064	mg/Kg	☼	05/27/22 18:36	05/31/22 15:46	1
1,2-Dichloroethane	<0.0047		0.0047	0.0015	mg/Kg	☼	05/27/22 18:36	05/31/22 15:46	1
1,1-Dichloroethene	<0.0019		0.0019	0.00064	mg/Kg	☼	05/27/22 18:36	05/31/22 15:46	1
1,2-Dichloropropane	<0.0019		0.0019	0.00048	mg/Kg	☼	05/27/22 18:36	05/31/22 15:46	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00066	mg/Kg	☼	05/27/22 18:36	05/31/22 15:46	1
Ethylbenzene	<0.0019		0.0019	0.00089	mg/Kg	☼	05/27/22 18:36	05/31/22 15:46	1
2-Hexanone	<0.0047		0.0047	0.0015	mg/Kg	☼	05/27/22 18:36	05/31/22 15:46	1
Methylene Chloride	<0.0047		0.0047	0.0018	mg/Kg	☼	05/27/22 18:36	05/31/22 15:46	1
<b>Methyl Ethyl Ketone</b>	<b>0.0053</b>		0.0047	0.0021	mg/Kg	☼	05/27/22 18:36	05/31/22 15:46	1
methyl isobutyl ketone	<0.0047		0.0047	0.0014	mg/Kg	☼	05/27/22 18:36	05/31/22 15:46	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00055	mg/Kg	☼	05/27/22 18:36	05/31/22 15:46	1
Styrene	<0.0019		0.0019	0.00056	mg/Kg	☼	05/27/22 18:36	05/31/22 15:46	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00060	mg/Kg	☼	05/27/22 18:36	05/31/22 15:46	1
Tetrachloroethene	<0.0019		0.0019	0.00064	mg/Kg	☼	05/27/22 18:36	05/31/22 15:46	1
Toluene	<0.0019		0.0019	0.00047	mg/Kg	☼	05/27/22 18:36	05/31/22 15:46	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00083	mg/Kg	☼	05/27/22 18:36	05/31/22 15:46	1
trans-1,3-Dichloropropene	<0.0019	+	0.0019	0.00066	mg/Kg	☼	05/27/22 18:36	05/31/22 15:46	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00063	mg/Kg	☼	05/27/22 18:36	05/31/22 15:46	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00080	mg/Kg	☼	05/27/22 18:36	05/31/22 15:46	1
<b>Trichloroethene</b>	<b>0.00069</b>	<b>J</b>	0.0019	0.00063	mg/Kg	☼	05/27/22 18:36	05/31/22 15:46	1
Vinyl chloride	<0.0019		0.0019	0.00083	mg/Kg	☼	05/27/22 18:36	05/31/22 15:46	1
Xylenes, Total	<0.0037		0.0037	0.00060	mg/Kg	☼	05/27/22 18:36	05/31/22 15:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		75 - 131	05/27/22 18:36	05/31/22 15:46	1
Dibromofluoromethane (Surr)	106		75 - 126	05/27/22 18:36	05/31/22 15:46	1
1,2-Dichloroethane-d4 (Surr)	107		70 - 134	05/27/22 18:36	05/31/22 15:46	1
Toluene-d8 (Surr)	115		75 - 124	05/27/22 18:36	05/31/22 15:46	1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.043	mg/Kg	☼	06/08/22 07:03	06/08/22 22:20	1
1,2-Dichlorobenzene	<0.20		0.20	0.048	mg/Kg	☼	06/08/22 07:03	06/08/22 22:20	1
1,3-Dichlorobenzene	<0.20		0.20	0.045	mg/Kg	☼	06/08/22 07:03	06/08/22 22:20	1
1,4-Dichlorobenzene	<0.20		0.20	0.051	mg/Kg	☼	06/08/22 07:03	06/08/22 22:20	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.047	mg/Kg	☼	06/08/22 07:03	06/08/22 22:20	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217246-1

**Client Sample ID: ROW-143(4-9)-052522**

**Lab Sample ID: 500-217246-4**

**Date Collected: 05/25/22 21:45**

**Matrix: Solid**

**Date Received: 05/26/22 17:45**

**Percent Solids: 80.7**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.40		0.40	0.092	mg/Kg	☆	06/08/22 07:03	06/08/22 22:20	1
2,4,6-Trichlorophenol	<0.40		0.40	0.14	mg/Kg	☆	06/08/22 07:03	06/08/22 22:20	1
2,4-Dichlorophenol	<0.40		0.40	0.095	mg/Kg	☆	06/08/22 07:03	06/08/22 22:20	1
2,4-Dimethylphenol	<0.40		0.40	0.15	mg/Kg	☆	06/08/22 07:03	06/08/22 22:20	1
2,4-Dinitrophenol	<0.81		0.81	0.71	mg/Kg	☆	06/08/22 07:03	06/08/22 22:20	1
2,4-Dinitrotoluene	<0.20		0.20	0.064	mg/Kg	☆	06/08/22 07:03	06/08/22 22:20	1
2,6-Dinitrotoluene	<0.20		0.20	0.079	mg/Kg	☆	06/08/22 07:03	06/08/22 22:20	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	☆	06/08/22 07:03	06/08/22 22:20	1
2-Chlorophenol	<0.20		0.20	0.069	mg/Kg	☆	06/08/22 07:03	06/08/22 22:20	1
2-Methylnaphthalene	<0.081		0.081	0.0074	mg/Kg	☆	06/08/22 07:03	06/08/22 22:20	1
2-Methylphenol	<0.20		0.20	0.064	mg/Kg	☆	06/08/22 07:03	06/08/22 22:20	1
2-Nitroaniline	<0.20		0.20	0.054	mg/Kg	☆	06/08/22 07:03	06/08/22 22:20	1
2-Nitrophenol	<0.40		0.40	0.095	mg/Kg	☆	06/08/22 07:03	06/08/22 22:20	1
3 & 4 Methylphenol	<0.20		0.20	0.067	mg/Kg	☆	06/08/22 07:03	06/08/22 22:20	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.056	mg/Kg	☆	06/08/22 07:03	06/08/22 22:20	1
3-Nitroaniline	<0.40		0.40	0.12	mg/Kg	☆	06/08/22 07:03	06/08/22 22:20	1
4,6-Dinitro-2-methylphenol	<0.81		0.81	0.32	mg/Kg	☆	06/08/22 07:03	06/08/22 22:20	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.053	mg/Kg	☆	06/08/22 07:03	06/08/22 22:20	1
4-Chloro-3-methylphenol	<0.40		0.40	0.14	mg/Kg	☆	06/08/22 07:03	06/08/22 22:20	1
4-Chloroaniline	<0.81		0.81	0.19	mg/Kg	☆	06/08/22 07:03	06/08/22 22:20	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.047	mg/Kg	☆	06/08/22 07:03	06/08/22 22:20	1
4-Nitroaniline	<0.40		0.40	0.17	mg/Kg	☆	06/08/22 07:03	06/08/22 22:20	1
4-Nitrophenol	<0.81		0.81	0.38	mg/Kg	☆	06/08/22 07:03	06/08/22 22:20	1
Acenaphthene	<0.040		0.040	0.0072	mg/Kg	☆	06/08/22 07:03	06/08/22 22:20	1
Acenaphthylene	<0.040		0.040	0.0053	mg/Kg	☆	06/08/22 07:03	06/08/22 22:20	1
Anthracene	<0.040		0.040	0.0067	mg/Kg	☆	06/08/22 07:03	06/08/22 22:20	1
Benzo[a]anthracene	<0.040		0.040	0.0054	mg/Kg	☆	06/08/22 07:03	06/08/22 22:20	1
Benzo[a]pyrene	<0.040		0.040	0.0078	mg/Kg	☆	06/08/22 07:03	06/08/22 22:20	1
Benzo[b]fluoranthene	<0.040		0.040	0.0087	mg/Kg	☆	06/08/22 07:03	06/08/22 22:20	1
Benzo[g,h,i]perylene	<0.040		0.040	0.013	mg/Kg	☆	06/08/22 07:03	06/08/22 22:20	1
Benzo[k]fluoranthene	<0.040		0.040	0.012	mg/Kg	☆	06/08/22 07:03	06/08/22 22:20	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.041	mg/Kg	☆	06/08/22 07:03	06/08/22 22:20	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.060	mg/Kg	☆	06/08/22 07:03	06/08/22 22:20	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.073	mg/Kg	☆	06/08/22 07:03	06/08/22 22:20	1
Butyl benzyl phthalate	<0.20		0.20	0.076	mg/Kg	☆	06/08/22 07:03	06/08/22 22:20	1
Carbazole	<0.20		0.20	0.10	mg/Kg	☆	06/08/22 07:03	06/08/22 22:20	1
Chrysene	<0.040		0.040	0.011	mg/Kg	☆	06/08/22 07:03	06/08/22 22:20	1
Dibenz(a,h)anthracene	<0.040		0.040	0.0078	mg/Kg	☆	06/08/22 07:03	06/08/22 22:20	1
Dibenzofuran	<0.20		0.20	0.047	mg/Kg	☆	06/08/22 07:03	06/08/22 22:20	1
Diethyl phthalate	<0.20		0.20	0.068	mg/Kg	☆	06/08/22 07:03	06/08/22 22:20	1
Dimethyl phthalate	<0.20		0.20	0.052	mg/Kg	☆	06/08/22 07:03	06/08/22 22:20	1
Di-n-butyl phthalate	<0.20		0.20	0.061	mg/Kg	☆	06/08/22 07:03	06/08/22 22:20	1
Di-n-octyl phthalate	<0.20		0.20	0.065	mg/Kg	☆	06/08/22 07:03	06/08/22 22:20	1
Fluoranthene	<0.040		0.040	0.0074	mg/Kg	☆	06/08/22 07:03	06/08/22 22:20	1
Fluorene	<0.040		0.040	0.0056	mg/Kg	☆	06/08/22 07:03	06/08/22 22:20	1
Hexachlorobenzene	<0.081		0.081	0.0093	mg/Kg	☆	06/08/22 07:03	06/08/22 22:20	1
Hexachlorobutadiene	<0.20		0.20	0.063	mg/Kg	☆	06/08/22 07:03	06/08/22 22:20	1
Hexachlorocyclopentadiene	<0.81		0.81	0.23	mg/Kg	☆	06/08/22 07:03	06/08/22 22:20	1
Hexachloroethane	<0.20		0.20	0.061	mg/Kg	☆	06/08/22 07:03	06/08/22 22:20	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217246-1

Client Sample ID: ROW-143(4-9)-052522

Lab Sample ID: 500-217246-4

Date Collected: 05/25/22 21:45

Matrix: Solid

Date Received: 05/26/22 17:45

Percent Solids: 80.7

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.040		0.040	0.010	mg/Kg	*	06/08/22 07:03	06/08/22 22:20	1
Isophorone	<0.20		0.20	0.045	mg/Kg	*	06/08/22 07:03	06/08/22 22:20	1
Naphthalene	<0.040		0.040	0.0062	mg/Kg	*	06/08/22 07:03	06/08/22 22:20	1
Nitrobenzene	<0.040		0.040	0.010	mg/Kg	*	06/08/22 07:03	06/08/22 22:20	1
N-Nitrosodi-n-propylamine	<0.081		0.081	0.049	mg/Kg	*	06/08/22 07:03	06/08/22 22:20	1
N-Nitrosodiphenylamine	<0.20		0.20	0.047	mg/Kg	*	06/08/22 07:03	06/08/22 22:20	1
Pentachlorophenol	<0.81		0.81	0.64	mg/Kg	*	06/08/22 07:03	06/08/22 22:20	1
Phenanthrene	<0.040		0.040	0.0056	mg/Kg	*	06/08/22 07:03	06/08/22 22:20	1
Phenol	<0.20		0.20	0.089	mg/Kg	*	06/08/22 07:03	06/08/22 22:20	1
Pyrene	<0.040		0.040	0.0080	mg/Kg	*	06/08/22 07:03	06/08/22 22:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	62		31 - 143				06/08/22 07:03	06/08/22 22:20	1
2-Fluorobiphenyl (Surr)	66		43 - 145				06/08/22 07:03	06/08/22 22:20	1
2-Fluorophenol (Surr)	79		31 - 166				06/08/22 07:03	06/08/22 22:20	1
Nitrobenzene-d5 (Surr)	50		37 - 147				06/08/22 07:03	06/08/22 22:20	1
Phenol-d5 (Surr)	63		30 - 153				06/08/22 07:03	06/08/22 22:20	1
Terphenyl-d14 (Surr)	74		42 - 157				06/08/22 07:03	06/08/22 22:20	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.011</b>	<b>J</b>	0.050	0.010	mg/L		06/06/22 07:56	06/06/22 16:49	1
<b>Barium</b>	<b>0.58</b>		0.50	0.050	mg/L		06/06/22 07:56	06/06/22 16:49	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/06/22 07:56	06/06/22 16:49	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/06/22 07:56	06/06/22 16:49	1
Chromium	<0.025		0.025	0.010	mg/L		06/06/22 07:56	06/06/22 16:49	1
<b>Cobalt</b>	<b>0.029</b>		0.025	0.010	mg/L		06/06/22 07:56	06/06/22 16:49	1
Copper	<0.025		0.025	0.010	mg/L		06/06/22 07:56	06/06/22 16:49	1
<b>Iron</b>	<b>0.88</b>		0.40	0.20	mg/L		06/06/22 07:56	06/06/22 16:49	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/06/22 07:56	06/06/22 16:49	1
<b>Manganese</b>	<b>9.2</b>		0.025	0.010	mg/L		06/06/22 07:56	06/06/22 16:49	1
<b>Nickel</b>	<b>0.017</b>	<b>J</b>	0.025	0.010	mg/L		06/06/22 07:56	06/06/22 16:49	1
Selenium	<0.050		0.050	0.020	mg/L		06/06/22 07:56	06/06/22 16:49	1
Silver	<0.025		0.025	0.010	mg/L		06/06/22 07:56	06/06/22 16:49	1
<b>Zinc</b>	<b>0.18</b>	<b>J</b>	0.50	0.020	mg/L		06/06/22 07:56	06/06/22 16:49	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.023</b>	<b>J</b>	0.050	0.010	mg/L		06/06/22 08:00	06/06/22 20:37	1
<b>Barium</b>	<b>0.64</b>		0.50	0.050	mg/L		06/06/22 08:00	06/06/22 20:37	1
<b>Beryllium</b>	<b>0.0045</b>		0.0040	0.0040	mg/L		06/06/22 08:00	06/06/22 20:37	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/06/22 08:00	06/06/22 20:37	1
<b>Chromium</b>	<b>0.10</b>		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 20:37	1
<b>Cobalt</b>	<b>0.032</b>		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 20:37	1
<b>Copper</b>	<b>0.063</b>		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 20:37	1
<b>Iron</b>	<b>86</b>		0.40	0.20	mg/L		06/06/22 08:00	06/06/22 20:37	1
<b>Lead</b>	<b>0.044</b>	<b>B</b>	0.0075	0.0075	mg/L		06/06/22 08:00	06/06/22 20:37	1
<b>Manganese</b>	<b>1.2</b>		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 20:37	1
<b>Nickel</b>	<b>0.080</b>		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 20:37	1
Selenium	<0.050		0.050	0.020	mg/L		06/06/22 08:00	06/06/22 20:37	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217246-1

**Client Sample ID: ROW-143(4-9)-052522**

**Lab Sample ID: 500-217246-4**

Date Collected: 05/25/22 21:45

Matrix: Solid

Date Received: 05/26/22 17:45

Percent Solids: 80.7

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 20:37	1
<b>Zinc</b>	<b>0.27</b>	<b>J</b>	0.50	0.020	mg/L		06/06/22 08:00	06/06/22 20:37	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>11000</b>	<b>B</b>	12	4.9	mg/Kg	☆	06/06/22 09:01	06/06/22 16:53	1
Antimony	<1.2		1.2	0.23	mg/Kg	☆	06/06/22 09:01	06/06/22 16:53	1
<b>Arsenic</b>	<b>7.3</b>		0.60	0.20	mg/Kg	☆	06/06/22 09:01	06/06/22 16:53	1
<b>Barium</b>	<b>110</b>	<b>B</b>	0.60	0.068	mg/Kg	☆	06/06/22 09:01	06/06/22 16:53	1
<b>Beryllium</b>	<b>0.71</b>		0.24	0.056	mg/Kg	☆	06/06/22 09:01	06/06/22 16:53	1
<b>Cadmium</b>	<b>0.55</b>	<b>B</b>	0.12	0.022	mg/Kg	☆	06/06/22 09:01	06/06/22 16:53	1
<b>Calcium</b>	<b>2800</b>		12	2.0	mg/Kg	☆	06/06/22 09:01	06/06/22 16:53	1
<b>Chromium</b>	<b>13</b>		0.60	0.30	mg/Kg	☆	06/06/22 09:01	06/06/22 16:53	1
<b>Cobalt</b>	<b>10</b>		0.30	0.078	mg/Kg	☆	06/06/22 09:01	06/06/22 16:53	1
<b>Copper</b>	<b>11</b>	<b>B</b>	0.60	0.17	mg/Kg	☆	06/06/22 09:01	06/06/22 16:53	1
<b>Iron</b>	<b>14000</b>		12	6.2	mg/Kg	☆	06/06/22 09:01	06/06/22 16:53	1
<b>Lead</b>	<b>15</b>		0.30	0.14	mg/Kg	☆	06/06/22 09:01	06/06/22 16:53	1
<b>Magnesium</b>	<b>3100</b>		6.0	3.0	mg/Kg	☆	06/06/22 09:01	06/06/22 16:53	1
<b>Manganese</b>	<b>350</b>		0.60	0.087	mg/Kg	☆	06/06/22 09:01	06/06/22 16:53	1
<b>Nickel</b>	<b>22</b>		0.60	0.17	mg/Kg	☆	06/06/22 09:01	06/06/22 16:53	1
<b>Potassium</b>	<b>750</b>		30	11	mg/Kg	☆	06/06/22 09:01	06/06/22 16:53	1
Selenium	<0.60		0.60	0.35	mg/Kg	☆	06/06/22 09:01	06/06/22 16:53	1
<b>Silver</b>	<b>0.49</b>		0.30	0.077	mg/Kg	☆	06/06/22 09:01	06/06/22 16:53	1
<b>Sodium</b>	<b>260</b>		60	8.9	mg/Kg	☆	06/06/22 09:01	06/07/22 12:11	1
Thallium	<0.60		0.60	0.30	mg/Kg	☆	06/06/22 09:01	06/07/22 12:11	1
<b>Vanadium</b>	<b>26</b>		0.30	0.071	mg/Kg	☆	06/06/22 09:01	06/06/22 16:53	1
<b>Zinc</b>	<b>49</b>	<b>B</b>	1.2	0.53	mg/Kg	☆	06/06/22 09:01	06/06/22 16:53	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/22 13:15	06/06/22 12:03	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/22 13:15	06/06/22 14:04	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.056</b>		0.019	0.0064	mg/Kg	☆	06/03/22 16:35	06/06/22 08:19	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>7.2</b>		0.2	0.2	SU			06/01/22 16:24	1





## Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217246-1

Client Sample ID: ROW-144(0-4)-052522

Lab Sample ID: 500-217246-5

Date Collected: 05/25/22 21:50

Matrix: Solid

Date Received: 05/26/22 17:45

Percent Solids: 80.5

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.041		0.041	0.011	mg/Kg	☆	06/08/22 07:03	06/08/22 22:45	1
Isophorone	<0.21		0.21	0.046	mg/Kg	☆	06/08/22 07:03	06/08/22 22:45	1
Naphthalene	<0.041		0.041	0.0063	mg/Kg	☆	06/08/22 07:03	06/08/22 22:45	1
Nitrobenzene	<0.041		0.041	0.010	mg/Kg	☆	06/08/22 07:03	06/08/22 22:45	1
N-Nitrosodi-n-propylamine	<0.083		0.083	0.050	mg/Kg	☆	06/08/22 07:03	06/08/22 22:45	1
N-Nitrosodiphenylamine	<0.21		0.21	0.048	mg/Kg	☆	06/08/22 07:03	06/08/22 22:45	1
Pentachlorophenol	<0.83		0.83	0.66	mg/Kg	☆	06/08/22 07:03	06/08/22 22:45	1
Phenanthrene	<0.041		0.041	0.0057	mg/Kg	☆	06/08/22 07:03	06/08/22 22:45	1
Phenol	<0.21		0.21	0.091	mg/Kg	☆	06/08/22 07:03	06/08/22 22:45	1
Pyrene	<0.041		0.041	0.0081	mg/Kg	☆	06/08/22 07:03	06/08/22 22:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	121		31 - 143				06/08/22 07:03	06/08/22 22:45	1
2-Fluorobiphenyl (Surr)	84		43 - 145				06/08/22 07:03	06/08/22 22:45	1
2-Fluorophenol (Surr)	94		31 - 166				06/08/22 07:03	06/08/22 22:45	1
Nitrobenzene-d5 (Surr)	67		37 - 147				06/08/22 07:03	06/08/22 22:45	1
Phenol-d5 (Surr)	92		30 - 153				06/08/22 07:03	06/08/22 22:45	1
Terphenyl-d14 (Surr)	94		42 - 157				06/08/22 07:03	06/08/22 22:45	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/06/22 07:56	06/06/22 16:52	1
<b>Barium</b>	<b>0.80</b>		0.50	0.050	mg/L		06/06/22 07:56	06/06/22 16:52	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/06/22 07:56	06/06/22 16:52	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/06/22 07:56	06/06/22 16:52	1
Chromium	<0.025		0.025	0.010	mg/L		06/06/22 07:56	06/06/22 16:52	1
<b>Cobalt</b>	<b>0.028</b>		0.025	0.010	mg/L		06/06/22 07:56	06/06/22 16:52	1
Copper	<0.025		0.025	0.010	mg/L		06/06/22 07:56	06/06/22 16:52	1
Iron	<0.40		0.40	0.20	mg/L		06/06/22 07:56	06/06/22 16:52	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/06/22 07:56	06/06/22 16:52	1
<b>Manganese</b>	<b>9.5</b>		0.025	0.010	mg/L		06/06/22 07:56	06/06/22 16:52	1
Nickel	<0.025		0.025	0.010	mg/L		06/06/22 07:56	06/06/22 16:52	1
Selenium	<0.050		0.050	0.020	mg/L		06/06/22 07:56	06/06/22 16:52	1
Silver	<0.025		0.025	0.010	mg/L		06/06/22 07:56	06/06/22 16:52	1
<b>Zinc</b>	<b>0.097</b> J		0.50	0.020	mg/L		06/06/22 07:56	06/06/22 16:52	1

**Method: 6010B - Metals (ICP) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.048</b> J		0.050	0.010	mg/L		06/06/22 08:00	06/06/22 20:40	1
<b>Barium</b>	<b>0.49</b> J		0.50	0.050	mg/L		06/06/22 08:00	06/06/22 20:40	1
<b>Beryllium</b>	<b>0.0053</b>		0.0040	0.0040	mg/L		06/06/22 08:00	06/06/22 20:40	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/06/22 08:00	06/06/22 20:40	1
<b>Chromium</b>	<b>0.11</b>		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 20:40	1
<b>Cobalt</b>	<b>0.043</b>		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 20:40	1
<b>Copper</b>	<b>0.11</b>		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 20:40	1
<b>Iron</b>	<b>130</b>		0.40	0.20	mg/L		06/06/22 08:00	06/06/22 20:40	1
<b>Lead</b>	<b>0.057</b> B		0.0075	0.0075	mg/L		06/06/22 08:00	06/06/22 20:40	1
<b>Manganese</b>	<b>1.2</b>		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 20:40	1
<b>Nickel</b>	<b>0.11</b>		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 20:40	1
Selenium	<0.050		0.050	0.020	mg/L		06/06/22 08:00	06/06/22 20:40	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217246-1

**Client Sample ID: ROW-144(0-4)-052522**

**Lab Sample ID: 500-217246-5**

Date Collected: 05/25/22 21:50

Matrix: Solid

Date Received: 05/26/22 17:45

Percent Solids: 80.5

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 20:40	1
<b>Zinc</b>	<b>0.30</b>	<b>J</b>	0.50	0.020	mg/L		06/06/22 08:00	06/06/22 20:40	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	11000	B	12	4.8	mg/Kg	☆	06/06/22 09:01	06/06/22 16:57	1
Antimony	0.27	J	1.2	0.23	mg/Kg	☆	06/06/22 09:01	06/06/22 16:57	1
Arsenic	8.1		0.59	0.20	mg/Kg	☆	06/06/22 09:01	06/06/22 16:57	1
Barium	84	B	0.59	0.068	mg/Kg	☆	06/06/22 09:01	06/06/22 16:57	1
Beryllium	0.71		0.24	0.055	mg/Kg	☆	06/06/22 09:01	06/06/22 16:57	1
Cadmium	0.37	B	0.12	0.021	mg/Kg	☆	06/06/22 09:01	06/06/22 16:57	1
Calcium	30000		12	2.0	mg/Kg	☆	06/06/22 09:01	06/06/22 16:57	1
Chromium	13		0.59	0.29	mg/Kg	☆	06/06/22 09:01	06/06/22 16:57	1
Cobalt	11		0.30	0.078	mg/Kg	☆	06/06/22 09:01	06/06/22 16:57	1
Copper	22	B	0.59	0.17	mg/Kg	☆	06/06/22 09:01	06/06/22 16:57	1
Iron	17000		12	6.2	mg/Kg	☆	06/06/22 09:01	06/06/22 16:57	1
Lead	14		0.30	0.14	mg/Kg	☆	06/06/22 09:01	06/06/22 16:57	1
Magnesium	17000		5.9	2.9	mg/Kg	☆	06/06/22 09:01	06/06/22 16:57	1
Manganese	340		0.59	0.086	mg/Kg	☆	06/06/22 09:01	06/06/22 16:57	1
Nickel	24		0.59	0.17	mg/Kg	☆	06/06/22 09:01	06/06/22 16:57	1
Potassium	1300		30	11	mg/Kg	☆	06/06/22 09:01	06/06/22 16:57	1
Selenium	0.43	J	0.59	0.35	mg/Kg	☆	06/06/22 09:01	06/06/22 16:57	1
Silver	0.35		0.30	0.077	mg/Kg	☆	06/06/22 09:01	06/06/22 16:57	1
Sodium	710		59	8.8	mg/Kg	☆	06/06/22 09:01	06/07/22 12:14	1
Thallium	0.33	J	0.59	0.30	mg/Kg	☆	06/06/22 09:01	06/07/22 12:14	1
Vanadium	21		0.30	0.070	mg/Kg	☆	06/06/22 09:01	06/06/22 16:57	1
Zinc	53	B	1.2	0.52	mg/Kg	☆	06/06/22 09:01	06/06/22 16:57	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/22 13:15	06/06/22 12:09	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/22 13:15	06/06/22 14:06	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.036		0.020	0.0067	mg/Kg	☆	06/03/22 16:35	06/06/22 08:25	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.4		0.2	0.2	SU			06/01/22 16:26	1



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217246-1

Client Sample ID: ROW-144(0-4)-052522D

Lab Sample ID: 500-217246-6

Date Collected: 05/25/22 21:50

Matrix: Solid

Date Received: 05/26/22 17:45

Percent Solids: 83.2

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.087	mg/Kg	✳	06/08/22 07:03	06/08/22 23:09	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	✳	06/08/22 07:03	06/08/22 23:09	1
2,4-Dichlorophenol	<0.38		0.38	0.091	mg/Kg	✳	06/08/22 07:03	06/08/22 23:09	1
2,4-Dimethylphenol	<0.38		0.38	0.14	mg/Kg	✳	06/08/22 07:03	06/08/22 23:09	1
2,4-Dinitrophenol	<0.77		0.77	0.67	mg/Kg	✳	06/08/22 07:03	06/08/22 23:09	1
2,4-Dinitrotoluene	<0.19		0.19	0.061	mg/Kg	✳	06/08/22 07:03	06/08/22 23:09	1
2,6-Dinitrotoluene	<0.19		0.19	0.075	mg/Kg	✳	06/08/22 07:03	06/08/22 23:09	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	✳	06/08/22 07:03	06/08/22 23:09	1
2-Chlorophenol	<0.19		0.19	0.065	mg/Kg	✳	06/08/22 07:03	06/08/22 23:09	1
2-Methylnaphthalene	<0.077		0.077	0.0070	mg/Kg	✳	06/08/22 07:03	06/08/22 23:09	1
2-Methylphenol	<0.19		0.19	0.061	mg/Kg	✳	06/08/22 07:03	06/08/22 23:09	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	✳	06/08/22 07:03	06/08/22 23:09	1
2-Nitrophenol	<0.38		0.38	0.090	mg/Kg	✳	06/08/22 07:03	06/08/22 23:09	1
3 & 4 Methylphenol	<0.19		0.19	0.064	mg/Kg	✳	06/08/22 07:03	06/08/22 23:09	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.053	mg/Kg	✳	06/08/22 07:03	06/08/22 23:09	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	✳	06/08/22 07:03	06/08/22 23:09	1
4,6-Dinitro-2-methylphenol	<0.77		0.77	0.31	mg/Kg	✳	06/08/22 07:03	06/08/22 23:09	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	✳	06/08/22 07:03	06/08/22 23:09	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	✳	06/08/22 07:03	06/08/22 23:09	1
4-Chloroaniline	<0.77		0.77	0.18	mg/Kg	✳	06/08/22 07:03	06/08/22 23:09	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	✳	06/08/22 07:03	06/08/22 23:09	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	✳	06/08/22 07:03	06/08/22 23:09	1
4-Nitrophenol	<0.77		0.77	0.36	mg/Kg	✳	06/08/22 07:03	06/08/22 23:09	1
Acenaphthene	<0.038		0.038	0.0069	mg/Kg	✳	06/08/22 07:03	06/08/22 23:09	1
Acenaphthylene	<0.038		0.038	0.0050	mg/Kg	✳	06/08/22 07:03	06/08/22 23:09	1
Anthracene	<0.038		0.038	0.0064	mg/Kg	✳	06/08/22 07:03	06/08/22 23:09	1
Benzo[a]anthracene	<0.038		0.038	0.0051	mg/Kg	✳	06/08/22 07:03	06/08/22 23:09	1
Benzo[a]pyrene	<0.038		0.038	0.0074	mg/Kg	✳	06/08/22 07:03	06/08/22 23:09	1
Benzo[b]fluoranthene	<0.038		0.038	0.0082	mg/Kg	✳	06/08/22 07:03	06/08/22 23:09	1
Benzo[g,h,i]perylene	<0.038		0.038	0.012	mg/Kg	✳	06/08/22 07:03	06/08/22 23:09	1
Benzo[k]fluoranthene	<0.038		0.038	0.011	mg/Kg	✳	06/08/22 07:03	06/08/22 23:09	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	✳	06/08/22 07:03	06/08/22 23:09	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.057	mg/Kg	✳	06/08/22 07:03	06/08/22 23:09	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.070	mg/Kg	✳	06/08/22 07:03	06/08/22 23:09	1
Butyl benzyl phthalate	<0.19		0.19	0.073	mg/Kg	✳	06/08/22 07:03	06/08/22 23:09	1
Carbazole	<0.19		0.19	0.095	mg/Kg	✳	06/08/22 07:03	06/08/22 23:09	1
<b>Chrysene</b>	<b>0.010</b>	<b>J</b>	0.038	0.010	mg/Kg	✳	06/08/22 07:03	06/08/22 23:09	1
Dibenz(a,h)anthracene	<0.038		0.038	0.0074	mg/Kg	✳	06/08/22 07:03	06/08/22 23:09	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	✳	06/08/22 07:03	06/08/22 23:09	1
Diethyl phthalate	<0.19		0.19	0.065	mg/Kg	✳	06/08/22 07:03	06/08/22 23:09	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	✳	06/08/22 07:03	06/08/22 23:09	1
Di-n-butyl phthalate	<0.19		0.19	0.058	mg/Kg	✳	06/08/22 07:03	06/08/22 23:09	1
Di-n-octyl phthalate	<0.19		0.19	0.062	mg/Kg	✳	06/08/22 07:03	06/08/22 23:09	1
Fluoranthene	<0.038		0.038	0.0071	mg/Kg	✳	06/08/22 07:03	06/08/22 23:09	1
Fluorene	<0.038		0.038	0.0054	mg/Kg	✳	06/08/22 07:03	06/08/22 23:09	1
Hexachlorobenzene	<0.077		0.077	0.0089	mg/Kg	✳	06/08/22 07:03	06/08/22 23:09	1
Hexachlorobutadiene	<0.19		0.19	0.060	mg/Kg	✳	06/08/22 07:03	06/08/22 23:09	1
Hexachlorocyclopentadiene	<0.77		0.77	0.22	mg/Kg	✳	06/08/22 07:03	06/08/22 23:09	1
Hexachloroethane	<0.19		0.19	0.058	mg/Kg	✳	06/08/22 07:03	06/08/22 23:09	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217246-1

**Client Sample ID: ROW-144(0-4)-052522D**

**Lab Sample ID: 500-217246-6**

Date Collected: 05/25/22 21:50

Matrix: Solid

Date Received: 05/26/22 17:45

Percent Solids: 83.2

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 20:44	1
Zinc	0.27	J	0.50	0.020	mg/L		06/06/22 08:00	06/06/22 20:44	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	14000	B	11	4.6	mg/Kg	✱	06/06/22 09:01	06/06/22 17:00	1
Antimony	0.33	J	1.1	0.22	mg/Kg	✱	06/06/22 09:01	06/06/22 17:00	1
Arsenic	7.9		0.57	0.19	mg/Kg	✱	06/06/22 09:01	06/06/22 17:00	1
Barium	92	B	0.57	0.065	mg/Kg	✱	06/06/22 09:01	06/06/22 17:00	1
Beryllium	0.77		0.23	0.053	mg/Kg	✱	06/06/22 09:01	06/06/22 17:00	1
Cadmium	0.13	B	0.11	0.020	mg/Kg	✱	06/06/22 09:01	06/06/22 17:00	1
Calcium	18000		11	1.9	mg/Kg	✱	06/06/22 09:01	06/06/22 17:00	1
Chromium	15		0.57	0.28	mg/Kg	✱	06/06/22 09:01	06/06/22 17:00	1
Cobalt	10		0.28	0.074	mg/Kg	✱	06/06/22 09:01	06/06/22 17:00	1
Copper	18	B	0.57	0.16	mg/Kg	✱	06/06/22 09:01	06/06/22 17:00	1
Iron	19000		11	5.9	mg/Kg	✱	06/06/22 09:01	06/06/22 17:00	1
Lead	16		0.28	0.13	mg/Kg	✱	06/06/22 09:01	06/06/22 17:00	1
Magnesium	11000		5.7	2.8	mg/Kg	✱	06/06/22 09:01	06/06/22 17:00	1
Manganese	400		0.57	0.082	mg/Kg	✱	06/06/22 09:01	06/06/22 17:00	1
Nickel	20		0.57	0.17	mg/Kg	✱	06/06/22 09:01	06/06/22 17:00	1
Potassium	1200		28	10	mg/Kg	✱	06/06/22 09:01	06/06/22 17:00	1
Selenium	0.59		0.57	0.33	mg/Kg	✱	06/06/22 09:01	06/06/22 17:00	1
Silver	0.32		0.28	0.073	mg/Kg	✱	06/06/22 09:01	06/06/22 17:00	1
Sodium	720		57	8.4	mg/Kg	✱	06/06/22 09:01	06/07/22 12:17	1
Thallium	0.48	J	0.57	0.28	mg/Kg	✱	06/06/22 09:01	06/07/22 12:17	1
Vanadium	26		0.28	0.067	mg/Kg	✱	06/06/22 09:01	06/06/22 17:00	1
Zinc	47	B	1.1	0.50	mg/Kg	✱	06/06/22 09:01	06/06/22 17:00	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/22 13:15	06/06/22 12:12	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/22 13:15	06/06/22 14:09	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.036		0.018	0.0060	mg/Kg	✱	06/03/22 16:35	06/06/22 08:27	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.8		0.2	0.2	SU			06/01/22 16:29	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217246-1

**Client Sample ID: ROW-145(0-4)-052522**

**Lab Sample ID: 500-217246-8**

**Date Collected: 05/25/22 22:30**

**Matrix: Solid**

**Date Received: 05/26/22 17:45**

**Percent Solids: 79.9**

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.040		0.040	0.010	mg/Kg	☼	06/08/22 07:03	06/08/22 23:57	1
Isophorone	<0.20		0.20	0.045	mg/Kg	☼	06/08/22 07:03	06/08/22 23:57	1
Naphthalene	<0.040		0.040	0.0062	mg/Kg	☼	06/08/22 07:03	06/08/22 23:57	1
Nitrobenzene	<0.040		0.040	0.010	mg/Kg	☼	06/08/22 07:03	06/08/22 23:57	1
N-Nitrosodi-n-propylamine	<0.081		0.081	0.049	mg/Kg	☼	06/08/22 07:03	06/08/22 23:57	1
N-Nitrosodiphenylamine	<0.20		0.20	0.048	mg/Kg	☼	06/08/22 07:03	06/08/22 23:57	1
Pentachlorophenol	<0.81		0.81	0.65	mg/Kg	☼	06/08/22 07:03	06/08/22 23:57	1
Phenanthrene	<0.040		0.040	0.0056	mg/Kg	☼	06/08/22 07:03	06/08/22 23:57	1
Phenol	<0.20		0.20	0.090	mg/Kg	☼	06/08/22 07:03	06/08/22 23:57	1
Pyrene	<0.040		0.040	0.0080	mg/Kg	☼	06/08/22 07:03	06/08/22 23:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	115		31 - 143				06/08/22 07:03	06/08/22 23:57	1
2-Fluorobiphenyl (Surr)	69		43 - 145				06/08/22 07:03	06/08/22 23:57	1
2-Fluorophenol (Surr)	84		31 - 166				06/08/22 07:03	06/08/22 23:57	1
Nitrobenzene-d5 (Surr)	57		37 - 147				06/08/22 07:03	06/08/22 23:57	1
Phenol-d5 (Surr)	78		30 - 153				06/08/22 07:03	06/08/22 23:57	1
Terphenyl-d14 (Surr)	89		42 - 157				06/08/22 07:03	06/08/22 23:57	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.016</b>	<b>J</b>	0.050	0.010	mg/L		06/06/22 07:56	06/06/22 17:02	1
<b>Barium</b>	<b>0.74</b>		0.50	0.050	mg/L		06/06/22 07:56	06/06/22 17:02	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/06/22 07:56	06/06/22 17:02	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/06/22 07:56	06/06/22 17:02	1
Chromium	<0.025		0.025	0.010	mg/L		06/06/22 07:56	06/06/22 17:02	1
<b>Cobalt</b>	<b>0.026</b>		0.025	0.010	mg/L		06/06/22 07:56	06/06/22 17:02	1
<b>Copper</b>	<b>0.011</b>	<b>J</b>	0.025	0.010	mg/L		06/06/22 07:56	06/06/22 17:02	1
Iron	<0.40		0.40	0.20	mg/L		06/06/22 07:56	06/06/22 17:02	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/06/22 07:56	06/06/22 17:02	1
<b>Manganese</b>	<b>11</b>		0.025	0.010	mg/L		06/06/22 07:56	06/06/22 17:02	1
<b>Nickel</b>	<b>0.017</b>	<b>J</b>	0.025	0.010	mg/L		06/06/22 07:56	06/06/22 17:02	1
Selenium	<0.050		0.050	0.020	mg/L		06/06/22 07:56	06/06/22 17:02	1
Silver	<0.025		0.025	0.010	mg/L		06/06/22 07:56	06/06/22 17:02	1
<b>Zinc</b>	<b>0.096</b>	<b>J</b>	0.50	0.020	mg/L		06/06/22 07:56	06/06/22 17:02	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.035</b>	<b>J</b>	0.050	0.010	mg/L		06/06/22 08:00	06/06/22 20:50	1
<b>Barium</b>	<b>0.63</b>		0.50	0.050	mg/L		06/06/22 08:00	06/06/22 20:50	1
<b>Beryllium</b>	<b>0.0050</b>		0.0040	0.0040	mg/L		06/06/22 08:00	06/06/22 20:50	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/06/22 08:00	06/06/22 20:50	1
<b>Chromium</b>	<b>0.11</b>		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 20:50	1
<b>Cobalt</b>	<b>0.041</b>		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 20:50	1
<b>Copper</b>	<b>0.079</b>		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 20:50	1
<b>Iron</b>	<b>110</b>		0.40	0.20	mg/L		06/06/22 08:00	06/06/22 20:50	1
<b>Lead</b>	<b>0.048</b>	<b>B</b>	0.0075	0.0075	mg/L		06/06/22 08:00	06/06/22 20:50	1
<b>Manganese</b>	<b>1.7</b>		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 20:50	1
<b>Nickel</b>	<b>0.091</b>		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 20:50	1
Selenium	<0.050		0.050	0.020	mg/L		06/06/22 08:00	06/06/22 20:50	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217246-1

**Client Sample ID: ROW-145(0-4)-052522**

**Lab Sample ID: 500-217246-8**

Date Collected: 05/25/22 22:30

Matrix: Solid

Date Received: 05/26/22 17:45

Percent Solids: 79.9

## Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 20:50	1
<b>Zinc</b>	<b>0.22</b>	<b>J</b>	0.50	0.020	mg/L		06/06/22 08:00	06/06/22 20:50	1

## Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>11000</b>	<b>B</b>	12	4.9	mg/Kg	✱	06/06/22 09:01	06/06/22 17:06	1
<b>Antimony</b>	<b>0.38</b>	<b>J</b>	1.2	0.23	mg/Kg	✱	06/06/22 09:01	06/06/22 17:06	1
<b>Arsenic</b>	<b>5.3</b>		0.59	0.20	mg/Kg	✱	06/06/22 09:01	06/06/22 17:06	1
<b>Barium</b>	<b>130</b>	<b>B</b>	0.59	0.068	mg/Kg	✱	06/06/22 09:01	06/06/22 17:06	1
<b>Beryllium</b>	<b>0.72</b>		0.24	0.055	mg/Kg	✱	06/06/22 09:01	06/06/22 17:06	1
<b>Cadmium</b>	<b>0.14</b>	<b>B</b>	0.12	0.021	mg/Kg	✱	06/06/22 09:01	06/06/22 17:06	1
<b>Calcium</b>	<b>2100</b>		12	2.0	mg/Kg	✱	06/06/22 09:01	06/06/22 17:06	1
<b>Chromium</b>	<b>13</b>		0.59	0.29	mg/Kg	✱	06/06/22 09:01	06/06/22 17:06	1
<b>Cobalt</b>	<b>11</b>		0.30	0.078	mg/Kg	✱	06/06/22 09:01	06/06/22 17:06	1
<b>Copper</b>	<b>15</b>	<b>B</b>	0.59	0.17	mg/Kg	✱	06/06/22 09:01	06/06/22 17:06	1
<b>Iron</b>	<b>15000</b>		12	6.2	mg/Kg	✱	06/06/22 09:01	06/06/22 17:06	1
<b>Lead</b>	<b>11</b>		0.30	0.14	mg/Kg	✱	06/06/22 09:01	06/06/22 17:06	1
<b>Magnesium</b>	<b>2400</b>		5.9	2.9	mg/Kg	✱	06/06/22 09:01	06/06/22 17:06	1
<b>Manganese</b>	<b>390</b>		0.59	0.086	mg/Kg	✱	06/06/22 09:01	06/06/22 17:06	1
<b>Nickel</b>	<b>29</b>		0.59	0.17	mg/Kg	✱	06/06/22 09:01	06/06/22 17:06	1
<b>Potassium</b>	<b>620</b>		30	11	mg/Kg	✱	06/06/22 09:01	06/06/22 17:06	1
Selenium	<0.59		0.59	0.35	mg/Kg	✱	06/06/22 09:01	06/06/22 17:06	1
<b>Silver</b>	<b>0.52</b>		0.30	0.077	mg/Kg	✱	06/06/22 09:01	06/06/22 17:06	1
<b>Sodium</b>	<b>500</b>		59	8.8	mg/Kg	✱	06/06/22 09:01	06/07/22 12:26	1
<b>Thallium</b>	<b>0.31</b>	<b>J</b>	0.59	0.30	mg/Kg	✱	06/06/22 09:01	06/07/22 12:26	1
<b>Vanadium</b>	<b>23</b>		0.30	0.070	mg/Kg	✱	06/06/22 09:01	06/06/22 17:06	1
<b>Zinc</b>	<b>41</b>	<b>B</b>	1.2	0.52	mg/Kg	✱	06/06/22 09:01	06/06/22 17:06	1

## Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/22 13:15	06/06/22 12:16	1

## Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/22 13:15	06/06/22 14:17	1

## Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.049</b>		0.019	0.0065	mg/Kg	✱	06/03/22 16:35	06/06/22 08:31	1

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>7.2</b>		0.2	0.2	SU			06/01/22 16:33	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217246-1

Client Sample ID: ROW-145(4-9)-052522

Lab Sample ID: 500-217246-9

Date Collected: 05/25/22 22:35

Matrix: Solid

Date Received: 05/26/22 17:45

Percent Solids: 87.6

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0072	mg/Kg	✳	05/27/22 18:36	05/31/22 17:49	1
Benzene	<0.0017		0.0017	0.00042	mg/Kg	✳	05/27/22 18:36	05/31/22 17:49	1
Bromodichloromethane	<0.0017		0.0017	0.00034	mg/Kg	✳	05/27/22 18:36	05/31/22 17:49	1
Bromoform	<0.0017		0.0017	0.00048	mg/Kg	✳	05/27/22 18:36	05/31/22 17:49	1
Bromomethane	<0.0041		0.0041	0.0016	mg/Kg	✳	05/27/22 18:36	05/31/22 17:49	1
Carbon disulfide	<0.0041		0.0041	0.00086	mg/Kg	✳	05/27/22 18:36	05/31/22 17:49	1
Carbon tetrachloride	<0.0017		0.0017	0.00048	mg/Kg	✳	05/27/22 18:36	05/31/22 17:49	1
Chlorobenzene	<0.0017		0.0017	0.00061	mg/Kg	✳	05/27/22 18:36	05/31/22 17:49	1
Chloroethane	<0.0041		0.0041	0.0012	mg/Kg	✳	05/27/22 18:36	05/31/22 17:49	1
Chloroform	<0.0017		0.0017	0.00057	mg/Kg	✳	05/27/22 18:36	05/31/22 17:49	1
Chloromethane	<0.0041		0.0041	0.0017	mg/Kg	✳	05/27/22 18:36	05/31/22 17:49	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00046	mg/Kg	✳	05/27/22 18:36	05/31/22 17:49	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00050	mg/Kg	✳	05/27/22 18:36	05/31/22 17:49	1
Dibromochloromethane	<0.0017		0.0017	0.00054	mg/Kg	✳	05/27/22 18:36	05/31/22 17:49	1
1,1-Dichloroethane	<0.0017		0.0017	0.00057	mg/Kg	✳	05/27/22 18:36	05/31/22 17:49	1
1,2-Dichloroethane	<0.0041		0.0041	0.0013	mg/Kg	✳	05/27/22 18:36	05/31/22 17:49	1
1,1-Dichloroethene	<0.0017		0.0017	0.00057	mg/Kg	✳	05/27/22 18:36	05/31/22 17:49	1
1,2-Dichloropropane	<0.0017		0.0017	0.00043	mg/Kg	✳	05/27/22 18:36	05/31/22 17:49	1
1,3-Dichloropropane, Total	<0.0017		0.0017	0.00058	mg/Kg	✳	05/27/22 18:36	05/31/22 17:49	1
Ethylbenzene	<0.0017		0.0017	0.00079	mg/Kg	✳	05/27/22 18:36	05/31/22 17:49	1
2-Hexanone	<0.0041		0.0041	0.0013	mg/Kg	✳	05/27/22 18:36	05/31/22 17:49	1
Methylene Chloride	<0.0041		0.0041	0.0016	mg/Kg	✳	05/27/22 18:36	05/31/22 17:49	1
Methyl Ethyl Ketone	<0.0041		0.0041	0.0018	mg/Kg	✳	05/27/22 18:36	05/31/22 17:49	1
methyl isobutyl ketone	<0.0041		0.0041	0.0012	mg/Kg	✳	05/27/22 18:36	05/31/22 17:49	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00049	mg/Kg	✳	05/27/22 18:36	05/31/22 17:49	1
Styrene	<0.0017		0.0017	0.00050	mg/Kg	✳	05/27/22 18:36	05/31/22 17:49	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00053	mg/Kg	✳	05/27/22 18:36	05/31/22 17:49	1
Tetrachloroethene	<0.0017		0.0017	0.00056	mg/Kg	✳	05/27/22 18:36	05/31/22 17:49	1
Toluene	<0.0017		0.0017	0.00042	mg/Kg	✳	05/27/22 18:36	05/31/22 17:49	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00073	mg/Kg	✳	05/27/22 18:36	05/31/22 17:49	1
trans-1,3-Dichloropropene	<0.0017	+	0.0017	0.00058	mg/Kg	✳	05/27/22 18:36	05/31/22 17:49	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00056	mg/Kg	✳	05/27/22 18:36	05/31/22 17:49	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00071	mg/Kg	✳	05/27/22 18:36	05/31/22 17:49	1
Trichloroethene	<0.0017		0.0017	0.00056	mg/Kg	✳	05/27/22 18:36	05/31/22 17:49	1
Vinyl chloride	<0.0017		0.0017	0.00073	mg/Kg	✳	05/27/22 18:36	05/31/22 17:49	1
Xylenes, Total	<0.0033		0.0033	0.00053	mg/Kg	✳	05/27/22 18:36	05/31/22 17:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		75 - 131	05/27/22 18:36	05/31/22 17:49	1
Dibromofluoromethane (Surr)	109		75 - 126	05/27/22 18:36	05/31/22 17:49	1
1,2-Dichloroethane-d4 (Surr)	109		70 - 134	05/27/22 18:36	05/31/22 17:49	1
Toluene-d8 (Surr)	117		75 - 124	05/27/22 18:36	05/31/22 17:49	1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	✳	06/08/22 07:03	06/09/22 00:22	1
1,2-Dichlorobenzene	<0.19		0.19	0.044	mg/Kg	✳	06/08/22 07:03	06/09/22 00:22	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	✳	06/08/22 07:03	06/09/22 00:22	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	✳	06/08/22 07:03	06/09/22 00:22	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	✳	06/08/22 07:03	06/09/22 00:22	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217246-1

Client Sample ID: ROW-145(4-9)-052522

Lab Sample ID: 500-217246-9

Date Collected: 05/25/22 22:35

Matrix: Solid

Date Received: 05/26/22 17:45

Percent Solids: 87.6

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.085	mg/Kg	☆	06/08/22 07:03	06/09/22 00:22	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	☆	06/08/22 07:03	06/09/22 00:22	1
2,4-Dichlorophenol	<0.37		0.37	0.088	mg/Kg	☆	06/08/22 07:03	06/09/22 00:22	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	☆	06/08/22 07:03	06/09/22 00:22	1
2,4-Dinitrophenol	<0.75		0.75	0.65	mg/Kg	☆	06/08/22 07:03	06/09/22 00:22	1
2,4-Dinitrotoluene	<0.19		0.19	0.059	mg/Kg	☆	06/08/22 07:03	06/09/22 00:22	1
2,6-Dinitrotoluene	<0.19		0.19	0.073	mg/Kg	☆	06/08/22 07:03	06/09/22 00:22	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	☆	06/08/22 07:03	06/09/22 00:22	1
2-Chlorophenol	<0.19		0.19	0.063	mg/Kg	☆	06/08/22 07:03	06/09/22 00:22	1
2-Methylnaphthalene	<0.075		0.075	0.0068	mg/Kg	☆	06/08/22 07:03	06/09/22 00:22	1
2-Methylphenol	<0.19		0.19	0.059	mg/Kg	☆	06/08/22 07:03	06/09/22 00:22	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	☆	06/08/22 07:03	06/09/22 00:22	1
2-Nitrophenol	<0.37		0.37	0.088	mg/Kg	☆	06/08/22 07:03	06/09/22 00:22	1
3 & 4 Methylphenol	<0.19		0.19	0.062	mg/Kg	☆	06/08/22 07:03	06/09/22 00:22	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.052	mg/Kg	☆	06/08/22 07:03	06/09/22 00:22	1
3-Nitroaniline	<0.37		0.37	0.11	mg/Kg	☆	06/08/22 07:03	06/09/22 00:22	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.30	mg/Kg	☆	06/08/22 07:03	06/09/22 00:22	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	☆	06/08/22 07:03	06/09/22 00:22	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	☆	06/08/22 07:03	06/09/22 00:22	1
4-Chloroaniline	<0.75		0.75	0.17	mg/Kg	☆	06/08/22 07:03	06/09/22 00:22	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.043	mg/Kg	☆	06/08/22 07:03	06/09/22 00:22	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	☆	06/08/22 07:03	06/09/22 00:22	1
4-Nitrophenol	<0.75		0.75	0.35	mg/Kg	☆	06/08/22 07:03	06/09/22 00:22	1
Acenaphthene	<0.037		0.037	0.0067	mg/Kg	☆	06/08/22 07:03	06/09/22 00:22	1
Acenaphthylene	<0.037		0.037	0.0049	mg/Kg	☆	06/08/22 07:03	06/09/22 00:22	1
Anthracene	<0.037		0.037	0.0062	mg/Kg	☆	06/08/22 07:03	06/09/22 00:22	1
Benzo[a]anthracene	<0.037		0.037	0.0050	mg/Kg	☆	06/08/22 07:03	06/09/22 00:22	1
Benzo[a]pyrene	<0.037		0.037	0.0072	mg/Kg	☆	06/08/22 07:03	06/09/22 00:22	1
Benzo[b]fluoranthene	<0.037		0.037	0.0080	mg/Kg	☆	06/08/22 07:03	06/09/22 00:22	1
Benzo[g,h,i]perylene	<0.037		0.037	0.012	mg/Kg	☆	06/08/22 07:03	06/09/22 00:22	1
Benzo[k]fluoranthene	<0.037		0.037	0.011	mg/Kg	☆	06/08/22 07:03	06/09/22 00:22	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	☆	06/08/22 07:03	06/09/22 00:22	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	☆	06/08/22 07:03	06/09/22 00:22	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.068	mg/Kg	☆	06/08/22 07:03	06/09/22 00:22	1
Butyl benzyl phthalate	<0.19		0.19	0.071	mg/Kg	☆	06/08/22 07:03	06/09/22 00:22	1
Carbazole	<0.19		0.19	0.093	mg/Kg	☆	06/08/22 07:03	06/09/22 00:22	1
Chrysene	<0.037		0.037	0.010	mg/Kg	☆	06/08/22 07:03	06/09/22 00:22	1
Dibenz(a,h)anthracene	<0.037		0.037	0.0072	mg/Kg	☆	06/08/22 07:03	06/09/22 00:22	1
Dibenzofuran	<0.19		0.19	0.043	mg/Kg	☆	06/08/22 07:03	06/09/22 00:22	1
Diethyl phthalate	<0.19		0.19	0.063	mg/Kg	☆	06/08/22 07:03	06/09/22 00:22	1
Dimethyl phthalate	<0.19		0.19	0.048	mg/Kg	☆	06/08/22 07:03	06/09/22 00:22	1
Di-n-butyl phthalate	<0.19		0.19	0.056	mg/Kg	☆	06/08/22 07:03	06/09/22 00:22	1
Di-n-octyl phthalate	<0.19		0.19	0.060	mg/Kg	☆	06/08/22 07:03	06/09/22 00:22	1
Fluoranthene	<0.037		0.037	0.0069	mg/Kg	☆	06/08/22 07:03	06/09/22 00:22	1
Fluorene	<0.037		0.037	0.0052	mg/Kg	☆	06/08/22 07:03	06/09/22 00:22	1
Hexachlorobenzene	<0.075		0.075	0.0086	mg/Kg	☆	06/08/22 07:03	06/09/22 00:22	1
Hexachlorobutadiene	<0.19		0.19	0.058	mg/Kg	☆	06/08/22 07:03	06/09/22 00:22	1
Hexachlorocyclopentadiene	<0.75		0.75	0.21	mg/Kg	☆	06/08/22 07:03	06/09/22 00:22	1
Hexachloroethane	<0.19		0.19	0.056	mg/Kg	☆	06/08/22 07:03	06/09/22 00:22	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217246-1

**Client Sample ID: ROW-145(4-9)-052522**

**Lab Sample ID: 500-217246-9**

**Date Collected: 05/25/22 22:35**

**Matrix: Solid**

**Date Received: 05/26/22 17:45**

**Percent Solids: 87.6**

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.037		0.037	0.0096	mg/Kg	☼	06/08/22 07:03	06/09/22 00:22	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	06/08/22 07:03	06/09/22 00:22	1
Naphthalene	<0.037		0.037	0.0057	mg/Kg	☼	06/08/22 07:03	06/09/22 00:22	1
Nitrobenzene	<0.037		0.037	0.0093	mg/Kg	☼	06/08/22 07:03	06/09/22 00:22	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.045	mg/Kg	☼	06/08/22 07:03	06/09/22 00:22	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☼	06/08/22 07:03	06/09/22 00:22	1
Pentachlorophenol	<0.75		0.75	0.59	mg/Kg	☼	06/08/22 07:03	06/09/22 00:22	1
Phenanthrene	<0.037		0.037	0.0052	mg/Kg	☼	06/08/22 07:03	06/09/22 00:22	1
Phenol	<0.19		0.19	0.082	mg/Kg	☼	06/08/22 07:03	06/09/22 00:22	1
Pyrene	<0.037		0.037	0.0074	mg/Kg	☼	06/08/22 07:03	06/09/22 00:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	115		31 - 143	06/08/22 07:03	06/09/22 00:22	1
2-Fluorobiphenyl (Surr)	81		43 - 145	06/08/22 07:03	06/09/22 00:22	1
2-Fluorophenol (Surr)	86		31 - 166	06/08/22 07:03	06/09/22 00:22	1
Nitrobenzene-d5 (Surr)	61		37 - 147	06/08/22 07:03	06/09/22 00:22	1
Phenol-d5 (Surr)	80		30 - 153	06/08/22 07:03	06/09/22 00:22	1
Terphenyl-d14 (Surr)	92		42 - 157	06/08/22 07:03	06/09/22 00:22	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/06/22 07:56	06/06/22 17:25	1
<b>Barium</b>	<b>0.45</b>	<b>J</b>	0.50	0.050	mg/L		06/06/22 07:56	06/06/22 17:25	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/06/22 07:56	06/06/22 17:25	1
<b>Cadmium</b>	<b>0.0040</b>	<b>J</b>	0.0050	0.0020	mg/L		06/06/22 07:56	06/06/22 17:25	1
Chromium	<0.025		0.025	0.010	mg/L		06/06/22 07:56	06/06/22 17:25	1
<b>Cobalt</b>	<b>0.072</b>		0.025	0.010	mg/L		06/06/22 07:56	06/06/22 17:25	1
Copper	<0.025		0.025	0.010	mg/L		06/06/22 07:56	06/06/22 17:25	1
Iron	<0.40		0.40	0.20	mg/L		06/06/22 07:56	06/06/22 17:25	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/06/22 07:56	06/07/22 10:59	1
<b>Manganese</b>	<b>4.0</b>		0.025	0.010	mg/L		06/06/22 07:56	06/06/22 17:25	1
<b>Nickel</b>	<b>0.059</b>		0.025	0.010	mg/L		06/06/22 07:56	06/06/22 17:25	1
Selenium	<0.050		0.050	0.020	mg/L		06/06/22 07:56	06/06/22 17:25	1
Silver	<0.025		0.025	0.010	mg/L		06/06/22 07:56	06/06/22 17:25	1
Zinc	<0.50		0.50	0.020	mg/L		06/06/22 07:56	06/06/22 17:25	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.084</b>		0.050	0.010	mg/L		06/06/22 08:00	06/06/22 20:53	1
<b>Barium</b>	<b>0.34</b>	<b>J</b>	0.50	0.050	mg/L		06/06/22 08:00	06/06/22 20:53	1
<b>Beryllium</b>	<b>0.0063</b>		0.0040	0.0040	mg/L		06/06/22 08:00	06/06/22 20:53	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/06/22 08:00	06/06/22 20:53	1
<b>Chromium</b>	<b>0.12</b>		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 20:53	1
<b>Cobalt</b>	<b>0.046</b>		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 20:53	1
<b>Copper</b>	<b>0.19</b>		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 20:53	1
<b>Iron</b>	<b>150</b>		0.40	0.20	mg/L		06/06/22 08:00	06/06/22 20:53	1
<b>Lead</b>	<b>0.075</b>	<b>B</b>	0.0075	0.0075	mg/L		06/06/22 08:00	06/06/22 20:53	1
<b>Manganese</b>	<b>0.56</b>		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 20:53	1
<b>Nickel</b>	<b>0.16</b>		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 20:53	1
Selenium	<0.050		0.050	0.020	mg/L		06/06/22 08:00	06/06/22 20:53	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217246-1

**Client Sample ID: ROW-145(4-9)-052522**

**Lab Sample ID: 500-217246-9**

Date Collected: 05/25/22 22:35

Matrix: Solid

Date Received: 05/26/22 17:45

Percent Solids: 87.6

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 20:53	1
<b>Zinc</b>	<b>0.42</b>	<b>J</b>	0.50	0.020	mg/L		06/06/22 08:00	06/06/22 20:53	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7600	B	11	4.5	mg/Kg	☆	06/06/22 09:01	06/06/22 17:09	1
Antimony	0.33	J	1.1	0.22	mg/Kg	☆	06/06/22 09:01	06/06/22 17:09	1
Arsenic	9.2		0.56	0.19	mg/Kg	☆	06/06/22 09:01	06/06/22 17:09	1
Barium	47	B	1.1	0.13	mg/Kg	☆	06/06/22 09:01	06/07/22 12:39	2
Beryllium	0.62		0.22	0.052	mg/Kg	☆	06/06/22 09:01	06/06/22 17:09	1
Cadmium	0.23	B	0.11	0.020	mg/Kg	☆	06/06/22 09:01	06/06/22 17:09	1
Calcium	84000		56	9.4	mg/Kg	☆	06/06/22 09:01	06/07/22 12:42	5
Chromium	10		0.56	0.28	mg/Kg	☆	06/06/22 09:01	06/06/22 17:09	1
Cobalt	14		0.28	0.073	mg/Kg	☆	06/06/22 09:01	06/06/22 17:09	1
Copper	22	B	0.56	0.16	mg/Kg	☆	06/06/22 09:01	06/06/22 17:09	1
Iron	19000		22	12	mg/Kg	☆	06/06/22 09:01	06/07/22 12:39	2
Lead	13		0.28	0.13	mg/Kg	☆	06/06/22 09:01	06/06/22 17:09	1
Magnesium	41000		11	5.5	mg/Kg	☆	06/06/22 09:01	06/07/22 12:39	2
Manganese	420		0.56	0.081	mg/Kg	☆	06/06/22 09:01	06/06/22 17:09	1
Nickel	31		0.56	0.16	mg/Kg	☆	06/06/22 09:01	06/06/22 17:09	1
Potassium	1600		28	9.8	mg/Kg	☆	06/06/22 09:01	06/06/22 17:09	1
Selenium	<0.56		0.56	0.33	mg/Kg	☆	06/06/22 09:01	06/06/22 17:09	1
Silver	0.16	J	0.28	0.072	mg/Kg	☆	06/06/22 09:01	06/06/22 17:09	1
Sodium	430		56	8.2	mg/Kg	☆	06/06/22 09:01	06/07/22 12:29	1
Thallium	0.50	J	0.56	0.28	mg/Kg	☆	06/06/22 09:01	06/07/22 12:29	1
Vanadium	14		0.28	0.066	mg/Kg	☆	06/06/22 09:01	06/06/22 17:09	1
Zinc	51	B	1.1	0.49	mg/Kg	☆	06/06/22 09:01	06/06/22 17:09	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/22 13:15	06/06/22 12:43	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/22 13:15	06/06/22 14:19	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.027		0.018	0.0059	mg/Kg	☆	06/03/22 16:35	06/06/22 08:33	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.5		0.2	0.2	SU			06/01/22 16:36	1



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217246-1

**Client Sample ID: ROW-146(0-4)-052522**

**Lab Sample ID: 500-217246-10**

Date Collected: 05/25/22 22:40

Matrix: Solid

Date Received: 05/26/22 17:45

Percent Solids: 83.3

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.088	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
2,4-Dichlorophenol	<0.38		0.38	0.092	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
2,4-Dimethylphenol	<0.38		0.38	0.15	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
2,4-Dinitrophenol	<0.78		0.78	0.68	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
2,4-Dinitrotoluene	<0.19		0.19	0.061	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
2,6-Dinitrotoluene	<0.19		0.19	0.076	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
2-Chloronaphthalene	<0.19		0.19	0.043	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
2-Chlorophenol	<0.19		0.19	0.066	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
2-Methylnaphthalene	<0.078		0.078	0.0071	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
2-Methylphenol	<0.19		0.19	0.062	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
2-Nitroaniline	<0.19		0.19	0.052	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
2-Nitrophenol	<0.38		0.38	0.091	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
3 & 4 Methylphenol	<0.19		0.19	0.065	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.054	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
4,6-Dinitro-2-methylphenol	<0.78		0.78	0.31	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.051	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
4-Chloroaniline	<0.78		0.78	0.18	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
4-Nitrophenol	<0.78		0.78	0.37	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
Acenaphthene	<0.038		0.038	0.0070	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
Acenaphthylene	<0.038		0.038	0.0051	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
Anthracene	<0.038		0.038	0.0065	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
Benzo[a]anthracene	<0.038		0.038	0.0052	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
Benzo[a]pyrene	<0.038		0.038	0.0075	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
Benzo[b]fluoranthene	<0.038		0.038	0.0083	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
Benzo[g,h,i]perylene	<0.038		0.038	0.012	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
Benzo[k]fluoranthene	<0.038		0.038	0.011	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.058	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.071	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
Butyl benzyl phthalate	<0.19		0.19	0.074	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
Carbazole	<0.19		0.19	0.097	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
Chrysene	<0.038		0.038	0.011	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
Dibenz(a,h)anthracene	<0.038		0.038	0.0075	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
Diethyl phthalate	<0.19		0.19	0.066	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
Dimethyl phthalate	<0.19		0.19	0.051	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
Di-n-butyl phthalate	<0.19		0.19	0.059	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
Di-n-octyl phthalate	<0.19		0.19	0.063	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
Fluoranthene	<0.038		0.038	0.0072	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
Fluorene	<0.038		0.038	0.0054	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
Hexachlorobenzene	<0.078		0.078	0.0090	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
Hexachlorobutadiene	<0.19		0.19	0.061	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
Hexachlorocyclopentadiene	<0.78		0.78	0.22	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
Hexachloroethane	<0.19		0.19	0.059	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217246-1

**Client Sample ID: ROW-146(0-4)-052522**

**Lab Sample ID: 500-217246-10**

**Date Collected: 05/25/22 22:40**

**Matrix: Solid**

**Date Received: 05/26/22 17:45**

**Percent Solids: 83.3**

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.038		0.038	0.010	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
Naphthalene	<0.038		0.038	0.0060	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
Nitrobenzene	<0.038		0.038	0.0097	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
N-Nitrosodi-n-propylamine	<0.078		0.078	0.047	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
N-Nitrosodiphenylamine	<0.19		0.19	0.046	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
Pentachlorophenol	<0.78		0.78	0.62	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
Phenanthrene	<0.038		0.038	0.0054	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
Phenol	<0.19		0.19	0.086	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
Pyrene	<0.038		0.038	0.0077	mg/Kg	☼	06/08/22 07:03	06/09/22 00:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	112		31 - 143				06/08/22 07:03	06/09/22 00:46	1
2-Fluorobiphenyl (Surr)	77		43 - 145				06/08/22 07:03	06/09/22 00:46	1
2-Fluorophenol (Surr)	86		31 - 166				06/08/22 07:03	06/09/22 00:46	1
Nitrobenzene-d5 (Surr)	60		37 - 147				06/08/22 07:03	06/09/22 00:46	1
Phenol-d5 (Surr)	72		30 - 153				06/08/22 07:03	06/09/22 00:46	1
Terphenyl-d14 (Surr)	89		42 - 157				06/08/22 07:03	06/09/22 00:46	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/06/22 07:56	06/06/22 17:05	1
<b>Barium</b>	<b>0.88</b>		0.50	0.050	mg/L		06/06/22 07:56	06/06/22 17:05	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/06/22 07:56	06/06/22 17:05	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/06/22 07:56	06/06/22 17:05	1
Chromium	<0.025		0.025	0.010	mg/L		06/06/22 07:56	06/06/22 17:05	1
<b>Cobalt</b>	<b>0.013</b>	<b>J</b>	0.025	0.010	mg/L		06/06/22 07:56	06/06/22 17:05	1
<b>Copper</b>	<b>0.010</b>	<b>J</b>	0.025	0.010	mg/L		06/06/22 07:56	06/06/22 17:05	1
Iron	<0.40		0.40	0.20	mg/L		06/06/22 07:56	06/06/22 17:05	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/06/22 07:56	06/06/22 17:05	1
<b>Manganese</b>	<b>6.6</b>		0.025	0.010	mg/L		06/06/22 07:56	06/06/22 17:05	1
Nickel	<0.025		0.025	0.010	mg/L		06/06/22 07:56	06/06/22 17:05	1
Selenium	<0.050		0.050	0.020	mg/L		06/06/22 07:56	06/06/22 17:05	1
Silver	<0.025		0.025	0.010	mg/L		06/06/22 07:56	06/06/22 17:05	1
<b>Zinc</b>	<b>0.030</b>	<b>J</b>	0.50	0.020	mg/L		06/06/22 07:56	06/06/22 17:05	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.062</b>		0.050	0.010	mg/L		06/06/22 08:00	06/06/22 21:03	1
<b>Barium</b>	<b>0.63</b>		0.50	0.050	mg/L		06/06/22 08:00	06/06/22 21:03	1
<b>Beryllium</b>	<b>0.0062</b>		0.0040	0.0040	mg/L		06/06/22 08:00	06/06/22 21:03	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/06/22 08:00	06/06/22 21:03	1
<b>Chromium</b>	<b>0.12</b>		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 21:03	1
<b>Cobalt</b>	<b>0.056</b>		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 21:03	1
<b>Copper</b>	<b>0.14</b>		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 21:03	1
<b>Iron</b>	<b>140</b>		0.40	0.20	mg/L		06/06/22 08:00	06/06/22 21:03	1
<b>Lead</b>	<b>0.070</b>	<b>B</b>	0.0075	0.0075	mg/L		06/06/22 08:00	06/06/22 21:03	1
<b>Manganese</b>	<b>0.93</b>		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 21:03	1
<b>Nickel</b>	<b>0.15</b>		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 21:03	1
Selenium	<0.050		0.050	0.020	mg/L		06/06/22 08:00	06/06/22 21:03	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217246-1

**Client Sample ID: ROW-146(0-4)-052522**

**Lab Sample ID: 500-217246-10**

Date Collected: 05/25/22 22:40

Matrix: Solid

Date Received: 05/26/22 17:45

Percent Solids: 83.3

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 21:03	1
<b>Zinc</b>	<b>0.32</b>	<b>J</b>	0.50	0.020	mg/L		06/06/22 08:00	06/06/22 21:03	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>13000</b>	<b>B</b>	11	4.6	mg/Kg	☆	06/06/22 09:01	06/06/22 17:13	1
<b>Antimony</b>	<b>0.49</b>	<b>J</b>	1.1	0.22	mg/Kg	☆	06/06/22 09:01	06/06/22 17:13	1
<b>Arsenic</b>	<b>8.2</b>		0.56	0.19	mg/Kg	☆	06/06/22 09:01	06/06/22 17:13	1
<b>Barium</b>	<b>84</b>	<b>B</b>	0.56	0.064	mg/Kg	☆	06/06/22 09:01	06/06/22 17:13	1
<b>Beryllium</b>	<b>0.81</b>		0.22	0.052	mg/Kg	☆	06/06/22 09:01	06/06/22 17:13	1
<b>Cadmium</b>	<b>0.13</b>	<b>B</b>	0.11	0.020	mg/Kg	☆	06/06/22 09:01	06/06/22 17:13	1
<b>Calcium</b>	<b>29000</b>		11	1.9	mg/Kg	☆	06/06/22 09:01	06/06/22 17:13	1
<b>Chromium</b>	<b>14</b>		0.56	0.28	mg/Kg	☆	06/06/22 09:01	06/06/22 17:13	1
<b>Cobalt</b>	<b>12</b>		0.28	0.073	mg/Kg	☆	06/06/22 09:01	06/06/22 17:13	1
<b>Copper</b>	<b>23</b>	<b>B</b>	0.56	0.16	mg/Kg	☆	06/06/22 09:01	06/06/22 17:13	1
<b>Iron</b>	<b>19000</b>		11	5.8	mg/Kg	☆	06/06/22 09:01	06/06/22 17:13	1
<b>Lead</b>	<b>14</b>		0.28	0.13	mg/Kg	☆	06/06/22 09:01	06/06/22 17:13	1
<b>Magnesium</b>	<b>19000</b>		5.6	2.8	mg/Kg	☆	06/06/22 09:01	06/06/22 17:13	1
<b>Manganese</b>	<b>410</b>		0.56	0.081	mg/Kg	☆	06/06/22 09:01	06/06/22 17:13	1
<b>Nickel</b>	<b>27</b>		0.56	0.16	mg/Kg	☆	06/06/22 09:01	06/06/22 17:13	1
<b>Potassium</b>	<b>1300</b>		28	9.9	mg/Kg	☆	06/06/22 09:01	06/06/22 17:13	1
Selenium	<0.56		0.56	0.33	mg/Kg	☆	06/06/22 09:01	06/06/22 17:13	1
<b>Silver</b>	<b>0.36</b>		0.28	0.072	mg/Kg	☆	06/06/22 09:01	06/06/22 17:13	1
<b>Sodium</b>	<b>1100</b>		56	8.3	mg/Kg	☆	06/06/22 09:01	06/07/22 12:45	1
<b>Thallium</b>	<b>0.31</b>	<b>J</b>	0.56	0.28	mg/Kg	☆	06/06/22 09:01	06/07/22 12:45	1
<b>Vanadium</b>	<b>23</b>		0.28	0.066	mg/Kg	☆	06/06/22 09:01	06/06/22 17:13	1
<b>Zinc</b>	<b>50</b>	<b>B</b>	1.1	0.49	mg/Kg	☆	06/06/22 09:01	06/06/22 17:13	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/22 13:15	06/06/22 12:18	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/22 13:15	06/06/22 14:21	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.040</b>		0.018	0.0061	mg/Kg	☆	06/03/22 16:35	06/06/22 08:34	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.1</b>		0.2	0.2	SU			06/01/22 16:41	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217246-1

**Client Sample ID: ROW-146(4-9)-052522**

**Lab Sample ID: 500-217246-11**

**Date Collected: 05/25/22 22:45**

**Matrix: Solid**

**Date Received: 05/26/22 17:45**

**Percent Solids: 86.2**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0074	mg/Kg	✳	05/27/22 18:36	05/31/22 18:38	1
Benzene	<0.0017		0.0017	0.00043	mg/Kg	✳	05/27/22 18:36	05/31/22 18:38	1
Bromodichloromethane	<0.0017		0.0017	0.00035	mg/Kg	✳	05/27/22 18:36	05/31/22 18:38	1
Bromoform	<0.0017		0.0017	0.00050	mg/Kg	✳	05/27/22 18:36	05/31/22 18:38	1
Bromomethane	<0.0042		0.0042	0.0016	mg/Kg	✳	05/27/22 18:36	05/31/22 18:38	1
Carbon disulfide	<0.0042		0.0042	0.00088	mg/Kg	✳	05/27/22 18:36	05/31/22 18:38	1
Carbon tetrachloride	<0.0017		0.0017	0.00049	mg/Kg	✳	05/27/22 18:36	05/31/22 18:38	1
Chlorobenzene	<0.0017		0.0017	0.00063	mg/Kg	✳	05/27/22 18:36	05/31/22 18:38	1
Chloroethane	<0.0042		0.0042	0.0013	mg/Kg	✳	05/27/22 18:36	05/31/22 18:38	1
Chloroform	<0.0017		0.0017	0.00059	mg/Kg	✳	05/27/22 18:36	05/31/22 18:38	1
Chloromethane	<0.0042		0.0042	0.0017	mg/Kg	✳	05/27/22 18:36	05/31/22 18:38	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00047	mg/Kg	✳	05/27/22 18:36	05/31/22 18:38	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00051	mg/Kg	✳	05/27/22 18:36	05/31/22 18:38	1
Dibromochloromethane	<0.0017		0.0017	0.00056	mg/Kg	✳	05/27/22 18:36	05/31/22 18:38	1
1,1-Dichloroethane	<0.0017		0.0017	0.00058	mg/Kg	✳	05/27/22 18:36	05/31/22 18:38	1
1,2-Dichloroethane	<0.0042		0.0042	0.0013	mg/Kg	✳	05/27/22 18:36	05/31/22 18:38	1
1,1-Dichloroethene	<0.0017		0.0017	0.00058	mg/Kg	✳	05/27/22 18:36	05/31/22 18:38	1
1,2-Dichloropropane	<0.0017		0.0017	0.00044	mg/Kg	✳	05/27/22 18:36	05/31/22 18:38	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00060	mg/Kg	✳	05/27/22 18:36	05/31/22 18:38	1
Ethylbenzene	<0.0017		0.0017	0.00081	mg/Kg	✳	05/27/22 18:36	05/31/22 18:38	1
2-Hexanone	<0.0042		0.0042	0.0013	mg/Kg	✳	05/27/22 18:36	05/31/22 18:38	1
Methylene Chloride	<0.0042		0.0042	0.0017	mg/Kg	✳	05/27/22 18:36	05/31/22 18:38	1
Methyl Ethyl Ketone	<0.0042		0.0042	0.0019	mg/Kg	✳	05/27/22 18:36	05/31/22 18:38	1
methyl isobutyl ketone	<0.0042		0.0042	0.0013	mg/Kg	✳	05/27/22 18:36	05/31/22 18:38	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00050	mg/Kg	✳	05/27/22 18:36	05/31/22 18:38	1
Styrene	<0.0017		0.0017	0.00051	mg/Kg	✳	05/27/22 18:36	05/31/22 18:38	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00054	mg/Kg	✳	05/27/22 18:36	05/31/22 18:38	1
Tetrachloroethene	<0.0017		0.0017	0.00058	mg/Kg	✳	05/27/22 18:36	05/31/22 18:38	1
Toluene	<0.0017		0.0017	0.00043	mg/Kg	✳	05/27/22 18:36	05/31/22 18:38	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00075	mg/Kg	✳	05/27/22 18:36	05/31/22 18:38	1
trans-1,3-Dichloropropene	<0.0017	+	0.0017	0.00060	mg/Kg	✳	05/27/22 18:36	05/31/22 18:38	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00057	mg/Kg	✳	05/27/22 18:36	05/31/22 18:38	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00073	mg/Kg	✳	05/27/22 18:36	05/31/22 18:38	1
<b>Trichloroethene</b>	<b>0.00057</b>	<b>J</b>	0.0017	0.00057	mg/Kg	✳	05/27/22 18:36	05/31/22 18:38	1
Vinyl chloride	<0.0017		0.0017	0.00075	mg/Kg	✳	05/27/22 18:36	05/31/22 18:38	1
Xylenes, Total	<0.0034		0.0034	0.00054	mg/Kg	✳	05/27/22 18:36	05/31/22 18:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		75 - 131	05/27/22 18:36	05/31/22 18:38	1
Dibromofluoromethane (Surr)	110		75 - 126	05/27/22 18:36	05/31/22 18:38	1
1,2-Dichloroethane-d4 (Surr)	111		70 - 134	05/27/22 18:36	05/31/22 18:38	1
Toluene-d8 (Surr)	116		75 - 124	05/27/22 18:36	05/31/22 18:38	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217246-1

**Client Sample ID: ROW-146(4-9)-052522**

**Lab Sample ID: 500-217246-11**

**Date Collected: 05/25/22 22:45**

**Matrix: Solid**

**Date Received: 05/26/22 17:45**

**Percent Solids: 86.2**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.085	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
2,4-Dichlorophenol	<0.37		0.37	0.089	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
2,4-Dinitrophenol	<0.76		0.76	0.66	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
2,4-Dinitrotoluene	<0.19		0.19	0.060	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
2,6-Dinitrotoluene	<0.19		0.19	0.074	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
2-Chlorophenol	<0.19		0.19	0.064	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
2-Methylnaphthalene	<0.076		0.076	0.0069	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
2-Nitrophenol	<0.37		0.37	0.089	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
3 & 4 Methylphenol	<0.19		0.19	0.062	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.052	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.30	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
4-Chloroaniline	<0.76		0.76	0.18	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
4-Nitrophenol	<0.76		0.76	0.36	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
Acenaphthene	<0.037		0.037	0.0067	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
Acenaphthylene	<0.037		0.037	0.0049	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
Anthracene	<0.037		0.037	0.0063	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
<b>Benzo[a]anthracene</b>	<b>0.016</b>	<b>J</b>	0.037	0.0050	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
<b>Benzo[a]pyrene</b>	<b>0.023</b>	<b>J *3</b>	0.037	0.0073	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
<b>Benzo[b]fluoranthene</b>	<b>0.033</b>	<b>J *3</b>	0.037	0.0081	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
<b>Benzo[g,h,i]perylene</b>	<b>0.016</b>	<b>J *3</b>	0.037	0.012	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
<b>Benzo[k]fluoranthene</b>	<b>0.015</b>	<b>J *3</b>	0.037	0.011	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.068	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
Butyl benzyl phthalate	<0.19		0.19	0.071	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
Carbazole	<0.19		0.19	0.094	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
<b>Chrysene</b>	<b>0.023</b>	<b>J</b>	0.037	0.010	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
Dibenz(a,h)anthracene	<0.037	*3	0.037	0.0072	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
Diethyl phthalate	<0.19		0.19	0.063	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
<b>Fluoranthene</b>	<b>0.055</b>		0.037	0.0069	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
Fluorene	<0.037		0.037	0.0053	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
Hexachlorobenzene	<0.076		0.076	0.0087	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
Hexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
Hexachlorocyclopentadiene	<0.76		0.76	0.22	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1
Hexachloroethane	<0.19		0.19	0.057	mg/Kg	✳	06/08/22 07:03	06/09/22 01:10	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217246-1

**Client Sample ID: ROW-146(4-9)-052522**

**Lab Sample ID: 500-217246-11**

**Date Collected: 05/25/22 22:45**

**Matrix: Solid**

**Date Received: 05/26/22 17:45**

**Percent Solids: 86.2**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.013</b>	<b>J*3</b>	0.037	0.0097	mg/Kg	☼	06/08/22 07:03	06/09/22 01:10	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	06/08/22 07:03	06/09/22 01:10	1
Naphthalene	<0.037		0.037	0.0058	mg/Kg	☼	06/08/22 07:03	06/09/22 01:10	1
Nitrobenzene	<0.037		0.037	0.0093	mg/Kg	☼	06/08/22 07:03	06/09/22 01:10	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.046	mg/Kg	☼	06/08/22 07:03	06/09/22 01:10	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☼	06/08/22 07:03	06/09/22 01:10	1
Pentachlorophenol	<0.76		0.76	0.60	mg/Kg	☼	06/08/22 07:03	06/09/22 01:10	1
<b>Phenanthrene</b>	<b>0.032</b>	<b>J</b>	0.037	0.0052	mg/Kg	☼	06/08/22 07:03	06/09/22 01:10	1
Phenol	<0.19		0.19	0.083	mg/Kg	☼	06/08/22 07:03	06/09/22 01:10	1
<b>Pyrene</b>	<b>0.041</b>		0.037	0.0074	mg/Kg	☼	06/08/22 07:03	06/09/22 01:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>2,4,6-Tribromophenol (Surr)</i>	102		31 - 143	06/08/22 07:03	06/09/22 01:10	1
<i>2-Fluorobiphenyl (Surr)</i>	69		43 - 145	06/08/22 07:03	06/09/22 01:10	1
<i>2-Fluorophenol (Surr)</i>	76		31 - 166	06/08/22 07:03	06/09/22 01:10	1
<i>Nitrobenzene-d5 (Surr)</i>	48		37 - 147	06/08/22 07:03	06/09/22 01:10	1
<i>Phenol-d5 (Surr)</i>	63		30 - 153	06/08/22 07:03	06/09/22 01:10	1
<i>Terphenyl-d14 (Surr)</i>	92		42 - 157	06/08/22 07:03	06/09/22 01:10	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/06/22 07:56	06/06/22 17:08	1
<b>Barium</b>	<b>0.37</b>	<b>J</b>	0.50	0.050	mg/L		06/06/22 07:56	06/06/22 17:08	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/06/22 07:56	06/06/22 17:08	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/06/22 07:56	06/06/22 17:08	1
Chromium	<0.025		0.025	0.010	mg/L		06/06/22 07:56	06/06/22 17:08	1
Cobalt	<0.025		0.025	0.010	mg/L		06/06/22 07:56	06/06/22 17:08	1
Copper	<0.025		0.025	0.010	mg/L		06/06/22 07:56	06/06/22 17:08	1
Iron	<0.40		0.40	0.20	mg/L		06/06/22 07:56	06/06/22 17:08	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/06/22 07:56	06/06/22 17:08	1
<b>Manganese</b>	<b>0.95</b>		0.025	0.010	mg/L		06/06/22 07:56	06/06/22 17:08	1
Nickel	<0.025		0.025	0.010	mg/L		06/06/22 07:56	06/06/22 17:08	1
Selenium	<0.050		0.050	0.020	mg/L		06/06/22 07:56	06/06/22 17:08	1
Silver	<0.025		0.025	0.010	mg/L		06/06/22 07:56	06/06/22 17:08	1
<b>Zinc</b>	<b>0.032</b>	<b>J</b>	0.50	0.020	mg/L		06/06/22 07:56	06/06/22 17:08	1

**Method: 6010B - Metals (ICP) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.10</b>		0.050	0.010	mg/L		06/06/22 08:00	06/06/22 21:06	1
<b>Barium</b>	<b>0.27</b>	<b>J</b>	0.50	0.050	mg/L		06/06/22 08:00	06/06/22 21:06	1
<b>Beryllium</b>	<b>0.0062</b>		0.0040	0.0040	mg/L		06/06/22 08:00	06/06/22 21:06	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/06/22 08:00	06/06/22 21:06	1
<b>Chromium</b>	<b>0.10</b>		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 21:06	1
<b>Cobalt</b>	<b>0.041</b>		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 21:06	1
<b>Copper</b>	<b>0.19</b>		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 21:06	1
<b>Iron</b>	<b>150</b>		0.40	0.20	mg/L		06/06/22 08:00	06/06/22 21:06	1
<b>Lead</b>	<b>0.067</b>	<b>B</b>	0.0075	0.0075	mg/L		06/06/22 08:00	06/06/22 21:06	1
<b>Manganese</b>	<b>0.64</b>		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 21:06	1
<b>Nickel</b>	<b>0.16</b>		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 21:06	1
Selenium	<0.050		0.050	0.020	mg/L		06/06/22 08:00	06/06/22 21:06	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217246-1

**Client Sample ID: ROW-146(4-9)-052522**

**Lab Sample ID: 500-217246-11**

Date Collected: 05/25/22 22:45

Matrix: Solid

Date Received: 05/26/22 17:45

Percent Solids: 86.2

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 21:06	1
<b>Zinc</b>	<b>0.40</b>	<b>J</b>	0.50	0.020	mg/L		06/06/22 08:00	06/06/22 21:06	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>7600</b>	<b>B</b>	11	4.6	mg/Kg	☆	06/06/22 09:01	06/06/22 17:16	1
<b>Antimony</b>	<b>0.52</b>	<b>J</b>	1.1	0.22	mg/Kg	☆	06/06/22 09:01	06/06/22 17:16	1
<b>Arsenic</b>	<b>7.6</b>		0.57	0.19	mg/Kg	☆	06/06/22 09:01	06/06/22 17:16	1
<b>Barium</b>	<b>40</b>	<b>B</b>	0.57	0.065	mg/Kg	☆	06/06/22 09:01	06/06/22 17:16	1
<b>Beryllium</b>	<b>0.61</b>		0.23	0.053	mg/Kg	☆	06/06/22 09:01	06/06/22 17:16	1
<b>Cadmium</b>	<b>0.22</b>	<b>B</b>	0.11	0.020	mg/Kg	☆	06/06/22 09:01	06/06/22 17:16	1
<b>Calcium</b>	<b>98000</b>		57	9.6	mg/Kg	☆	06/06/22 09:01	06/07/22 12:52	5
<b>Chromium</b>	<b>12</b>		0.57	0.28	mg/Kg	☆	06/06/22 09:01	06/06/22 17:16	1
<b>Cobalt</b>	<b>8.6</b>		0.28	0.074	mg/Kg	☆	06/06/22 09:01	06/06/22 17:16	1
<b>Copper</b>	<b>18</b>	<b>B</b>	0.57	0.16	mg/Kg	☆	06/06/22 09:01	06/06/22 17:16	1
<b>Iron</b>	<b>15000</b>		11	5.9	mg/Kg	☆	06/06/22 09:01	06/06/22 17:16	1
<b>Lead</b>	<b>11</b>		0.28	0.13	mg/Kg	☆	06/06/22 09:01	06/06/22 17:16	1
<b>Magnesium</b>	<b>33000</b>		5.7	2.8	mg/Kg	☆	06/06/22 09:01	06/06/22 17:16	1
<b>Manganese</b>	<b>300</b>		0.57	0.082	mg/Kg	☆	06/06/22 09:01	06/06/22 17:16	1
<b>Nickel</b>	<b>21</b>		0.57	0.17	mg/Kg	☆	06/06/22 09:01	06/06/22 17:16	1
<b>Potassium</b>	<b>1600</b>		28	10	mg/Kg	☆	06/06/22 09:01	06/06/22 17:16	1
Selenium	<0.57		0.57	0.33	mg/Kg	☆	06/06/22 09:01	06/06/22 17:16	1
<b>Silver</b>	<b>0.13</b>	<b>J</b>	0.28	0.073	mg/Kg	☆	06/06/22 09:01	06/06/22 17:16	1
<b>Sodium</b>	<b>530</b>		57	8.4	mg/Kg	☆	06/06/22 09:01	06/07/22 12:49	1
<b>Thallium</b>	<b>0.31</b>	<b>J</b>	0.57	0.28	mg/Kg	☆	06/06/22 09:01	06/07/22 12:49	1
<b>Vanadium</b>	<b>14</b>		0.28	0.067	mg/Kg	☆	06/06/22 09:01	06/06/22 17:16	1
<b>Zinc</b>	<b>48</b>	<b>B</b>	1.1	0.50	mg/Kg	☆	06/06/22 09:01	06/06/22 17:16	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/22 13:15	06/06/22 12:20	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/22 13:15	06/06/22 14:24	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.023</b>		0.018	0.0061	mg/Kg	☆	06/03/22 16:35	06/06/22 08:36	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.3</b>		0.2	0.2	SU			06/01/22 16:43	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217246-1

**Client Sample ID: ROW-148(0-4)-052522**

**Lab Sample ID: 500-217246-12**

**Date Collected: 05/25/22 22:50**

**Matrix: Solid**

**Date Received: 05/26/22 17:45**

**Percent Solids: 85.9**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018		0.018	0.0077	mg/Kg	☼	05/27/22 18:36	05/31/22 19:03	1
Benzene	<0.0018		0.0018	0.00045	mg/Kg	☼	05/27/22 18:36	05/31/22 19:03	1
Bromodichloromethane	<0.0018		0.0018	0.00036	mg/Kg	☼	05/27/22 18:36	05/31/22 19:03	1
Bromoform	<0.0018		0.0018	0.00051	mg/Kg	☼	05/27/22 18:36	05/31/22 19:03	1
Bromomethane	<0.0044		0.0044	0.0017	mg/Kg	☼	05/27/22 18:36	05/31/22 19:03	1
Carbon disulfide	<0.0044		0.0044	0.00092	mg/Kg	☼	05/27/22 18:36	05/31/22 19:03	1
Carbon tetrachloride	<0.0018		0.0018	0.00051	mg/Kg	☼	05/27/22 18:36	05/31/22 19:03	1
Chlorobenzene	<0.0018		0.0018	0.00065	mg/Kg	☼	05/27/22 18:36	05/31/22 19:03	1
Chloroethane	<0.0044		0.0044	0.0013	mg/Kg	☼	05/27/22 18:36	05/31/22 19:03	1
Chloroform	<0.0018		0.0018	0.00061	mg/Kg	☼	05/27/22 18:36	05/31/22 19:03	1
Chloromethane	<0.0044		0.0044	0.0018	mg/Kg	☼	05/27/22 18:36	05/31/22 19:03	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00049	mg/Kg	☼	05/27/22 18:36	05/31/22 19:03	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00053	mg/Kg	☼	05/27/22 18:36	05/31/22 19:03	1
Dibromochloromethane	<0.0018		0.0018	0.00058	mg/Kg	☼	05/27/22 18:36	05/31/22 19:03	1
1,1-Dichloroethane	<0.0018		0.0018	0.00060	mg/Kg	☼	05/27/22 18:36	05/31/22 19:03	1
1,2-Dichloroethane	<0.0044		0.0044	0.0014	mg/Kg	☼	05/27/22 18:36	05/31/22 19:03	1
1,1-Dichloroethene	<0.0018		0.0018	0.00061	mg/Kg	☼	05/27/22 18:36	05/31/22 19:03	1
1,2-Dichloropropane	<0.0018		0.0018	0.00046	mg/Kg	☼	05/27/22 18:36	05/31/22 19:03	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00062	mg/Kg	☼	05/27/22 18:36	05/31/22 19:03	1
Ethylbenzene	<0.0018		0.0018	0.00084	mg/Kg	☼	05/27/22 18:36	05/31/22 19:03	1
2-Hexanone	<0.0044		0.0044	0.0014	mg/Kg	☼	05/27/22 18:36	05/31/22 19:03	1
Methylene Chloride	<0.0044		0.0044	0.0017	mg/Kg	☼	05/27/22 18:36	05/31/22 19:03	1
Methyl Ethyl Ketone	<0.0044		0.0044	0.0020	mg/Kg	☼	05/27/22 18:36	05/31/22 19:03	1
methyl isobutyl ketone	<0.0044		0.0044	0.0013	mg/Kg	☼	05/27/22 18:36	05/31/22 19:03	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00052	mg/Kg	☼	05/27/22 18:36	05/31/22 19:03	1
Styrene	<0.0018		0.0018	0.00053	mg/Kg	☼	05/27/22 18:36	05/31/22 19:03	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00056	mg/Kg	☼	05/27/22 18:36	05/31/22 19:03	1
Tetrachloroethene	<0.0018		0.0018	0.00060	mg/Kg	☼	05/27/22 18:36	05/31/22 19:03	1
Toluene	<0.0018		0.0018	0.00044	mg/Kg	☼	05/27/22 18:36	05/31/22 19:03	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00078	mg/Kg	☼	05/27/22 18:36	05/31/22 19:03	1
trans-1,3-Dichloropropene	<0.0018	+	0.0018	0.00062	mg/Kg	☼	05/27/22 18:36	05/31/22 19:03	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00059	mg/Kg	☼	05/27/22 18:36	05/31/22 19:03	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00076	mg/Kg	☼	05/27/22 18:36	05/31/22 19:03	1
Trichloroethene	<0.0018		0.0018	0.00060	mg/Kg	☼	05/27/22 18:36	05/31/22 19:03	1
Vinyl chloride	<0.0018		0.0018	0.00078	mg/Kg	☼	05/27/22 18:36	05/31/22 19:03	1
Xylenes, Total	<0.0035		0.0035	0.00056	mg/Kg	☼	05/27/22 18:36	05/31/22 19:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		75 - 131	05/27/22 18:36	05/31/22 19:03	1
Dibromofluoromethane (Surr)	113		75 - 126	05/27/22 18:36	05/31/22 19:03	1
1,2-Dichloroethane-d4 (Surr)	115		70 - 134	05/27/22 18:36	05/31/22 19:03	1
Toluene-d8 (Surr)	115		75 - 124	05/27/22 18:36	05/31/22 19:03	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	☼	06/08/22 07:03	06/10/22 15:18	1
1,2-Dichlorobenzene	<0.19		0.19	0.044	mg/Kg	☼	06/08/22 07:03	06/10/22 15:18	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	06/08/22 07:03	06/10/22 15:18	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	☼	06/08/22 07:03	06/10/22 15:18	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	☼	06/08/22 07:03	06/10/22 15:18	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217246-1

**Client Sample ID: ROW-148(0-4)-052522**

**Lab Sample ID: 500-217246-12**

**Date Collected: 05/25/22 22:50**

**Matrix: Solid**

**Date Received: 05/26/22 17:45**

**Percent Solids: 85.9**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.085	mg/Kg	✱	06/08/22 07:03	06/10/22 15:18	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	✱	06/08/22 07:03	06/10/22 15:18	1
2,4-Dichlorophenol	<0.37		0.37	0.088	mg/Kg	✱	06/08/22 07:03	06/10/22 15:18	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	✱	06/08/22 07:03	06/10/22 15:18	1
2,4-Dinitrophenol	<0.75		0.75	0.66	mg/Kg	✱	06/08/22 07:03	06/10/22 15:18	1
2,4-Dinitrotoluene	<0.19		0.19	0.059	mg/Kg	✱	06/08/22 07:03	06/10/22 15:18	1
2,6-Dinitrotoluene	<0.19		0.19	0.073	mg/Kg	✱	06/08/22 07:03	06/10/22 15:18	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	✱	06/08/22 07:03	06/10/22 15:18	1
2-Chlorophenol	<0.19		0.19	0.064	mg/Kg	✱	06/08/22 07:03	06/10/22 15:18	1
2-Methylnaphthalene	<0.075		0.075	0.0068	mg/Kg	✱	06/08/22 07:03	06/10/22 15:18	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	✱	06/08/22 07:03	06/10/22 15:18	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	✱	06/08/22 07:03	06/10/22 15:18	1
2-Nitrophenol	<0.37		0.37	0.088	mg/Kg	✱	06/08/22 07:03	06/10/22 15:18	1
3 & 4 Methylphenol	<0.19		0.19	0.062	mg/Kg	✱	06/08/22 07:03	06/10/22 15:18	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.052	mg/Kg	✱	06/08/22 07:03	06/10/22 15:18	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	✱	06/08/22 07:03	06/10/22 15:18	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.30	mg/Kg	✱	06/08/22 07:03	06/10/22 15:18	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	✱	06/08/22 07:03	06/10/22 15:18	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	✱	06/08/22 07:03	06/10/22 15:18	1
4-Chloroaniline	<0.75		0.75	0.17	mg/Kg	✱	06/08/22 07:03	06/10/22 15:18	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.043	mg/Kg	✱	06/08/22 07:03	06/10/22 15:18	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	✱	06/08/22 07:03	06/10/22 15:18	1
4-Nitrophenol	<0.75		0.75	0.35	mg/Kg	✱	06/08/22 07:03	06/10/22 15:18	1
Acenaphthene	<0.037		0.037	0.0067	mg/Kg	✱	06/08/22 07:03	06/10/22 15:18	1
Acenaphthylene	<0.037		0.037	0.0049	mg/Kg	✱	06/08/22 07:03	06/10/22 15:18	1
Anthracene	<0.037		0.037	0.0062	mg/Kg	✱	06/08/22 07:03	06/10/22 15:18	1
Benzo[a]anthracene	<0.037		0.037	0.0050	mg/Kg	✱	06/08/22 07:03	06/10/22 15:18	1
Benzo[a]pyrene	<0.037		0.037	0.0072	mg/Kg	✱	06/08/22 07:03	06/10/22 15:18	1
Benzo[b]fluoranthene	<0.037		0.037	0.0080	mg/Kg	✱	06/08/22 07:03	06/10/22 15:18	1
Benzo[g,h,i]perylene	<0.037		0.037	0.012	mg/Kg	✱	06/08/22 07:03	06/10/22 15:18	1
Benzo[k]fluoranthene	<0.037		0.037	0.011	mg/Kg	✱	06/08/22 07:03	06/10/22 15:18	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	✱	06/08/22 07:03	06/10/22 15:18	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	✱	06/08/22 07:03	06/10/22 15:18	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.068	mg/Kg	✱	06/08/22 07:03	06/10/22 15:18	1
Butyl benzyl phthalate	<0.19		0.19	0.071	mg/Kg	✱	06/08/22 07:03	06/10/22 15:18	1
Carbazole	<0.19		0.19	0.093	mg/Kg	✱	06/08/22 07:03	06/10/22 15:18	1
Chrysene	<0.037		0.037	0.010	mg/Kg	✱	06/08/22 07:03	06/10/22 15:18	1
Dibenz(a,h)anthracene	<0.037		0.037	0.0072	mg/Kg	✱	06/08/22 07:03	06/10/22 15:18	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	✱	06/08/22 07:03	06/10/22 15:18	1
Diethyl phthalate	<0.19		0.19	0.063	mg/Kg	✱	06/08/22 07:03	06/10/22 15:18	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	✱	06/08/22 07:03	06/10/22 15:18	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	✱	06/08/22 07:03	06/10/22 15:18	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	✱	06/08/22 07:03	06/10/22 15:18	1
Fluoranthene	<0.037		0.037	0.0069	mg/Kg	✱	06/08/22 07:03	06/10/22 15:18	1
Fluorene	<0.037		0.037	0.0052	mg/Kg	✱	06/08/22 07:03	06/10/22 15:18	1
Hexachlorobenzene	<0.075		0.075	0.0086	mg/Kg	✱	06/08/22 07:03	06/10/22 15:18	1
Hexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	✱	06/08/22 07:03	06/10/22 15:18	1
Hexachlorocyclopentadiene	<0.75		0.75	0.21	mg/Kg	✱	06/08/22 07:03	06/10/22 15:18	1
Hexachloroethane	<0.19		0.19	0.057	mg/Kg	✱	06/08/22 07:03	06/10/22 15:18	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217246-1

**Client Sample ID: ROW-148(0-4)-052522**

**Lab Sample ID: 500-217246-12**

**Date Collected: 05/25/22 22:50**

**Matrix: Solid**

**Date Received: 05/26/22 17:45**

**Percent Solids: 85.9**

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.037		0.037	0.0096	mg/Kg	☼	06/08/22 07:03	06/10/22 15:18	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	06/08/22 07:03	06/10/22 15:18	1
Naphthalene	<0.037		0.037	0.0057	mg/Kg	☼	06/08/22 07:03	06/10/22 15:18	1
Nitrobenzene	<0.037		0.037	0.0093	mg/Kg	☼	06/08/22 07:03	06/10/22 15:18	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.046	mg/Kg	☼	06/08/22 07:03	06/10/22 15:18	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☼	06/08/22 07:03	06/10/22 15:18	1
Pentachlorophenol	<0.75		0.75	0.60	mg/Kg	☼	06/08/22 07:03	06/10/22 15:18	1
<b>Phenanthrene</b>	<b>0.011</b>	<b>J</b>	0.037	0.0052	mg/Kg	☼	06/08/22 07:03	06/10/22 15:18	1
Phenol	<0.19		0.19	0.083	mg/Kg	☼	06/08/22 07:03	06/10/22 15:18	1
<b>Pyrene</b>	<b>0.014</b>	<b>J</b>	0.037	0.0074	mg/Kg	☼	06/08/22 07:03	06/10/22 15:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	74		31 - 143	06/08/22 07:03	06/10/22 15:18	1
2-Fluorobiphenyl (Surr)	71		43 - 145	06/08/22 07:03	06/10/22 15:18	1
2-Fluorophenol (Surr)	70		31 - 166	06/08/22 07:03	06/10/22 15:18	1
Nitrobenzene-d5 (Surr)	76		37 - 147	06/08/22 07:03	06/10/22 15:18	1
Phenol-d5 (Surr)	69		30 - 153	06/08/22 07:03	06/10/22 15:18	1
Terphenyl-d14 (Surr)	82		42 - 157	06/08/22 07:03	06/10/22 15:18	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.010</b>	<b>J</b>	0.050	0.010	mg/L		06/06/22 07:56	06/06/22 17:28	1
<b>Barium</b>	<b>0.55</b>		0.50	0.050	mg/L		06/06/22 07:56	06/06/22 17:28	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/06/22 07:56	06/06/22 17:28	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/06/22 07:56	06/06/22 17:28	1
Chromium	<0.025		0.025	0.010	mg/L		06/06/22 07:56	06/06/22 17:28	1
<b>Cobalt</b>	<b>0.015</b>	<b>J</b>	0.025	0.010	mg/L		06/06/22 07:56	06/06/22 17:28	1
Copper	<0.025		0.025	0.010	mg/L		06/06/22 07:56	06/06/22 17:28	1
Iron	<0.40		0.40	0.20	mg/L		06/06/22 07:56	06/06/22 17:28	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/06/22 07:56	06/06/22 17:28	1
<b>Manganese</b>	<b>5.5</b>		0.025	0.010	mg/L		06/06/22 07:56	06/06/22 17:28	1
<b>Nickel</b>	<b>0.012</b>	<b>J</b>	0.025	0.010	mg/L		06/06/22 07:56	06/06/22 17:28	1
Selenium	<0.050		0.050	0.020	mg/L		06/06/22 07:56	06/06/22 17:28	1
Silver	<0.025		0.025	0.010	mg/L		06/06/22 07:56	06/06/22 17:28	1
Zinc	<0.50		0.50	0.020	mg/L		06/06/22 07:56	06/06/22 17:28	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.047</b>	<b>J</b>	0.050	0.010	mg/L		06/06/22 08:00	06/06/22 21:09	1
<b>Barium</b>	<b>0.54</b>		0.50	0.050	mg/L		06/06/22 08:00	06/06/22 21:09	1
<b>Beryllium</b>	<b>0.0054</b>		0.0040	0.0040	mg/L		06/06/22 08:00	06/06/22 21:09	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/06/22 08:00	06/06/22 21:09	1
<b>Chromium</b>	<b>0.11</b>		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 21:09	1
<b>Cobalt</b>	<b>0.039</b>		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 21:09	1
<b>Copper</b>	<b>0.13</b>		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 21:09	1
<b>Iron</b>	<b>130</b>		0.40	0.20	mg/L		06/06/22 08:00	06/06/22 21:09	1
<b>Lead</b>	<b>0.056</b>	<b>B</b>	0.0075	0.0075	mg/L		06/06/22 08:00	06/06/22 21:09	1
<b>Manganese</b>	<b>1.0</b>		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 21:09	1
<b>Nickel</b>	<b>0.12</b>		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 21:09	1
Selenium	<0.050		0.050	0.020	mg/L		06/06/22 08:00	06/06/22 21:09	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217246-1

**Client Sample ID: ROW-148(0-4)-052522**

**Lab Sample ID: 500-217246-12**

Date Collected: 05/25/22 22:50

Matrix: Solid

Date Received: 05/26/22 17:45

Percent Solids: 85.9

## Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/06/22 08:00	06/06/22 21:09	1
Zinc	0.37	J	0.50	0.020	mg/L		06/06/22 08:00	06/06/22 21:09	1

## Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9300		11	4.5	mg/Kg	☆	06/06/22 09:04	06/06/22 19:49	1
Antimony	0.42	J B	1.1	0.21	mg/Kg	☆	06/06/22 09:04	06/06/22 19:49	1
Arsenic	5.4		0.55	0.19	mg/Kg	☆	06/06/22 09:04	06/06/22 19:49	1
Barium	79		0.55	0.062	mg/Kg	☆	06/06/22 09:04	06/06/22 19:49	1
Beryllium	0.63		0.22	0.051	mg/Kg	☆	06/06/22 09:04	06/06/22 19:49	1
Cadmium	0.18	B	0.11	0.020	mg/Kg	☆	06/06/22 09:04	06/06/22 19:49	1
Calcium	30000		11	1.9	mg/Kg	☆	06/06/22 09:04	06/06/22 19:49	1
Chromium	12		0.55	0.27	mg/Kg	☆	06/06/22 09:04	06/06/22 19:49	1
Cobalt	8.6		0.27	0.072	mg/Kg	☆	06/06/22 09:04	06/06/22 19:49	1
Copper	16		0.55	0.15	mg/Kg	☆	06/06/22 09:04	06/06/22 19:49	1
Iron	14000		11	5.7	mg/Kg	☆	06/06/22 09:04	06/06/22 19:49	1
Lead	12		0.27	0.13	mg/Kg	☆	06/06/22 09:04	06/06/22 19:49	1
Magnesium	18000		5.5	2.7	mg/Kg	☆	06/06/22 09:04	06/06/22 19:49	1
Manganese	470		0.55	0.079	mg/Kg	☆	06/06/22 09:04	06/06/22 19:49	1
Nickel	20		0.55	0.16	mg/Kg	☆	06/06/22 09:04	06/06/22 19:49	1
Potassium	810		27	9.7	mg/Kg	☆	06/06/22 09:04	06/06/22 19:49	1
Selenium	<0.55		0.55	0.32	mg/Kg	☆	06/06/22 09:04	06/06/22 19:49	1
Silver	0.23	J	0.27	0.071	mg/Kg	☆	06/06/22 09:04	06/06/22 19:49	1
Sodium	1100		55	8.1	mg/Kg	☆	06/06/22 09:04	06/06/22 19:49	1
Thallium	0.35	J	0.55	0.27	mg/Kg	☆	06/06/22 09:04	06/06/22 19:49	1
Vanadium	19		0.27	0.065	mg/Kg	☆	06/06/22 09:04	06/06/22 19:49	1
Zinc	52		1.1	0.48	mg/Kg	☆	06/06/22 09:04	06/06/22 19:49	1

## Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/22 13:15	06/06/22 12:46	1

## Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00050		0.00050	0.00050	mg/L		06/03/22 13:15	06/06/22 14:26	1

## Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.039		0.017	0.0057	mg/Kg	☆	06/03/22 16:35	06/06/22 08:38	1

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.5		0.2	0.2	SU			06/01/22 16:46	1

# Definitions/Glossary

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217246-1

## 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.
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.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Eurofins Chicago

# Chain of Custody Record

524244




Environment Testing  
TestAmerica

Address \_\_\_\_\_

Regulatory Program:  DW  NPDES  RCRA  Other

TAL-8210

<b>Client Contact</b> Company Name: <u>Weston Solutions</u> Address: <u>300 Kingsbridge Pkwy Ste 380</u> City/State/Zip: <u>Channahon, IL 60014</u> Phone: _____ Fax: _____ Project Name: <u>FOOT OA</u> Site: <u>T-40</u> P O #: _____		<b>Project Manager</b> <u>A Sisk</u> Tel/Email: _____		<b>Site Contact</b> <u>C. Pence</u> Lab Contact: <u>R. D. Gist</u>		Date: <u>5-28-02</u> Carrier: _____		COC No: _____ of <u>3</u> COCs Sampler: _____ For Lab Use Only: Walk-in Client: <input type="checkbox"/> Lab Sampling: <input type="checkbox"/> Job / SDG No: <u>500-217246</u>	
		<b>Analysis Turnaround Time</b> <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____ <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Filtered Sample (Y/N) _____ Perform MS / MSD (Y/N) _____ VOCs _____ SVOCs _____ PAHs _____ PCBs _____ TCDF/PCDFs _____ pH _____		 500-217246 COC			
<b>Sample Identification</b>									
	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.				
1	5/28/02	2130	G	S	6		X	X	X
2		2135							
3		2140							
4		2145							
5		2150							
6		2150							
7		2155							
8		2230							
9		2235							
10		2240							
11		2245							
12		2250							
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other						Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample <input checked="" type="checkbox"/> Non Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown			
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months						Special Instructions/QC Requirements & Comments: <u>523 → 423, 516 → 416</u>			
Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No _____		Cooler Temp (°C) Obs'd _____ Cor'd _____		Therm ID No _____			
Relinquished by: <u>[Signature]</u>		Company: <u>WIS</u>		Date/Time: <u>5/28/02 1615</u>		Received by: <u>[Signature]</u>		Company: <u>EETA</u>	
Relinquished by: <u>[Signature]</u>		Company: <u>EETA</u>		Date/Time: <u>5/26/02</u>		Received by: _____		Company: _____	
Relinquished by: _____		Company: _____		Date/Time: _____		Received in Laboratory by: <u>Paula Buckley</u>		Company: <u>EETA</u>	
								Date/Time: <u>5/26/02 1745</u>	

## ANALYTICAL REPORT

Eurofins Chicago  
2417 Bond Street  
University Park, IL 60484  
Tel: (708)534-5200

Laboratory Job ID: 500-217251-1  
Client Project/Site: IDOT - I-80 - WO 019

For:  
Weston Solutions, Inc.  
300 Knightsbridge Parkway  
Suite 360  
Lincolnshire, Illinois 60069

Attn: Mr. Andris Slesers



Authorized for release by:  
6/10/2022 2:38:50 PM

Richard Wright, Senior Project Manager  
(708)746-0045

[Richard.Wright@et.eurofinsus.com](mailto:Richard.Wright@et.eurofinsus.com)

### LINKS

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results through



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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217251-1

Client Sample ID: ROW-148(4-9)-052522

Lab Sample ID: 500-217251-1

Date Collected: 05/25/22 22:55

Matrix: Solid

Date Received: 05/26/22 17:45

Percent Solids: 83.0

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.042		0.018	0.0079	mg/Kg	☼	05/27/22 18:36	06/03/22 17:18	1
Benzene	0.00071	J	0.0018	0.00046	mg/Kg	☼	05/27/22 18:36	06/03/22 17:18	1
Bromodichloromethane	<0.0018		0.0018	0.00037	mg/Kg	☼	05/27/22 18:36	06/03/22 17:18	1
Bromoform	<0.0018		0.0018	0.00053	mg/Kg	☼	05/27/22 18:36	06/03/22 17:18	1
Bromomethane	<0.0045		0.0045	0.0017	mg/Kg	☼	05/27/22 18:36	06/03/22 17:18	1
Carbon disulfide	<0.0045		0.0045	0.00094	mg/Kg	☼	05/27/22 18:36	06/03/22 17:18	1
Carbon tetrachloride	<0.0018		0.0018	0.00052	mg/Kg	☼	05/27/22 18:36	06/03/22 17:18	1
Chlorobenzene	<0.0018		0.0018	0.00067	mg/Kg	☼	05/27/22 18:36	06/03/22 17:18	1
Chloroethane	<0.0045		0.0045	0.0013	mg/Kg	☼	05/27/22 18:36	06/03/22 17:18	1
Chloroform	<0.0018		0.0018	0.00063	mg/Kg	☼	05/27/22 18:36	06/03/22 17:18	1
Chloromethane	<0.0045		0.0045	0.0018	mg/Kg	☼	05/27/22 18:36	06/03/22 17:18	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00051	mg/Kg	☼	05/27/22 18:36	06/03/22 17:18	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00055	mg/Kg	☼	05/27/22 18:36	06/03/22 17:18	1
Dibromochloromethane	<0.0018		0.0018	0.00059	mg/Kg	☼	05/27/22 18:36	06/03/22 17:18	1
1,1-Dichloroethane	<0.0018		0.0018	0.00062	mg/Kg	☼	05/27/22 18:36	06/03/22 17:18	1
1,2-Dichloroethane	<0.0045		0.0045	0.0014	mg/Kg	☼	05/27/22 18:36	06/03/22 17:18	1
1,1-Dichloroethene	<0.0018		0.0018	0.00062	mg/Kg	☼	05/27/22 18:36	06/03/22 17:18	1
1,2-Dichloropropane	<0.0018		0.0018	0.00047	mg/Kg	☼	05/27/22 18:36	06/03/22 17:18	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00064	mg/Kg	☼	05/27/22 18:36	06/03/22 17:18	1
Ethylbenzene	<0.0018		0.0018	0.00087	mg/Kg	☼	05/27/22 18:36	06/03/22 17:18	1
2-Hexanone	<0.0045		0.0045	0.0014	mg/Kg	☼	05/27/22 18:36	06/03/22 17:18	1
Methylene Chloride	<0.0045		0.0045	0.0018	mg/Kg	☼	05/27/22 18:36	06/03/22 17:18	1
Methyl Ethyl Ketone	0.0050		0.0045	0.0020	mg/Kg	☼	05/27/22 18:36	06/03/22 17:18	1
methyl isobutyl ketone	<0.0045		0.0045	0.0013	mg/Kg	☼	05/27/22 18:36	06/03/22 17:18	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00053	mg/Kg	☼	05/27/22 18:36	06/03/22 17:18	1
Styrene	<0.0018		0.0018	0.00055	mg/Kg	☼	05/27/22 18:36	06/03/22 17:18	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00058	mg/Kg	☼	05/27/22 18:36	06/03/22 17:18	1
Tetrachloroethene	<0.0018		0.0018	0.00062	mg/Kg	☼	05/27/22 18:36	06/03/22 17:18	1
Toluene	<0.0018		0.0018	0.00046	mg/Kg	☼	05/27/22 18:36	06/03/22 17:18	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00080	mg/Kg	☼	05/27/22 18:36	06/03/22 17:18	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00064	mg/Kg	☼	05/27/22 18:36	06/03/22 17:18	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00061	mg/Kg	☼	05/27/22 18:36	06/03/22 17:18	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00078	mg/Kg	☼	05/27/22 18:36	06/03/22 17:18	1
Trichloroethene	<0.0018		0.0018	0.00061	mg/Kg	☼	05/27/22 18:36	06/03/22 17:18	1
Vinyl chloride	<0.0018		0.0018	0.00080	mg/Kg	☼	05/27/22 18:36	06/03/22 17:18	1
Xylenes, Total	<0.0036		0.0036	0.00058	mg/Kg	☼	05/27/22 18:36	06/03/22 17:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		75 - 131	05/27/22 18:36	06/03/22 17:18	1
Dibromofluoromethane (Surr)	100		75 - 126	05/27/22 18:36	06/03/22 17:18	1
1,2-Dichloroethane-d4 (Surr)	98		70 - 134	05/27/22 18:36	06/03/22 17:18	1
Toluene-d8 (Surr)	101		75 - 124	05/27/22 18:36	06/03/22 17:18	1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	☼	06/07/22 08:52	06/08/22 14:28	1
1,2-Dichlorobenzene	<0.19	F1	0.19	0.045	mg/Kg	☼	06/07/22 08:52	06/08/22 14:28	1
1,3-Dichlorobenzene	<0.19	F1	0.19	0.042	mg/Kg	☼	06/07/22 08:52	06/08/22 14:28	1
1,4-Dichlorobenzene	<0.19	F1	0.19	0.048	mg/Kg	☼	06/07/22 08:52	06/08/22 14:28	1
2,2'-oxybis[1-chloropropane]	<0.19	F1	0.19	0.044	mg/Kg	☼	06/07/22 08:52	06/08/22 14:28	1

Eurolins Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217251-1

**Client Sample ID: ROW-148(4-9)-052522**

**Lab Sample ID: 500-217251-1**

**Date Collected: 05/25/22 22:55**

**Matrix: Solid**

**Date Received: 05/26/22 17:45**

**Percent Solids: 83.0**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.086	mg/Kg	*	06/07/22 08:52	06/08/22 14:28	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	*	06/07/22 08:52	06/08/22 14:28	1
2,4-Dichlorophenol	<0.37		0.37	0.089	mg/Kg	*	06/07/22 08:52	06/08/22 14:28	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	*	06/07/22 08:52	06/08/22 14:28	1
2,4-Dinitrophenol	<0.76		0.76	0.66	mg/Kg	*	06/07/22 08:52	06/08/22 14:28	1
2,4-Dinitrotoluene	<0.19		0.19	0.060	mg/Kg	*	06/07/22 08:52	06/08/22 14:28	1
2,6-Dinitrotoluene	<0.19		0.19	0.074	mg/Kg	*	06/07/22 08:52	06/08/22 14:28	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	*	06/07/22 08:52	06/08/22 14:28	1
2-Chlorophenol	<0.19		0.19	0.064	mg/Kg	*	06/07/22 08:52	06/08/22 14:28	1
2-Methylnaphthalene	<0.076		0.076	0.0069	mg/Kg	*	06/07/22 08:52	06/08/22 14:28	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	*	06/07/22 08:52	06/08/22 14:28	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	*	06/07/22 08:52	06/08/22 14:28	1
2-Nitrophenol	<0.37		0.37	0.089	mg/Kg	*	06/07/22 08:52	06/08/22 14:28	1
<b>3 &amp; 4 Methylphenol</b>	<b>0.069</b>	<b>J</b>	0.19	0.063	mg/Kg	*	06/07/22 08:52	06/08/22 14:28	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.053	mg/Kg	*	06/07/22 08:52	06/08/22 14:28	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	*	06/07/22 08:52	06/08/22 14:28	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.30	mg/Kg	*	06/07/22 08:52	06/08/22 14:28	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	*	06/07/22 08:52	06/08/22 14:28	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	*	06/07/22 08:52	06/08/22 14:28	1
4-Chloroaniline	<0.76		0.76	0.18	mg/Kg	*	06/07/22 08:52	06/08/22 14:28	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	*	06/07/22 08:52	06/08/22 14:28	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	*	06/07/22 08:52	06/08/22 14:28	1
4-Nitrophenol	<0.76		0.76	0.36	mg/Kg	*	06/07/22 08:52	06/08/22 14:28	1
Acenaphthene	<0.037		0.037	0.0068	mg/Kg	*	06/07/22 08:52	06/08/22 14:28	1
Acenaphthylene	<0.037		0.037	0.0050	mg/Kg	*	06/07/22 08:52	06/08/22 14:28	1
Anthracene	<0.037		0.037	0.0063	mg/Kg	*	06/07/22 08:52	06/08/22 14:28	1
<b>Benzo[a]anthracene</b>	<b>0.0080</b>	<b>J</b>	0.037	0.0051	mg/Kg	*	06/07/22 08:52	06/08/22 14:28	1
<b>Benzo[a]pyrene</b>	<b>0.012</b>	<b>J</b>	0.037	0.0073	mg/Kg	*	06/07/22 08:52	06/08/22 14:28	1
<b>Benzo[b]fluoranthene</b>	<b>0.019</b>	<b>J</b>	0.037	0.0081	mg/Kg	*	06/07/22 08:52	06/08/22 14:28	1
Benzo[g,h,i]perylene	<0.037	F1	0.037	0.012	mg/Kg	*	06/07/22 08:52	06/08/22 14:28	1
Benzo[k]fluoranthene	<0.037		0.037	0.011	mg/Kg	*	06/07/22 08:52	06/08/22 14:28	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	*	06/07/22 08:52	06/08/22 14:28	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	*	06/07/22 08:52	06/08/22 14:28	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.069	mg/Kg	*	06/07/22 08:52	06/08/22 14:28	1
Butyl benzyl phthalate	<0.19		0.19	0.072	mg/Kg	*	06/07/22 08:52	06/08/22 14:28	1
Carbazole	<0.19		0.19	0.094	mg/Kg	*	06/07/22 08:52	06/08/22 14:28	1
<b>Chrysene</b>	<b>0.013</b>	<b>J</b>	0.037	0.010	mg/Kg	*	06/07/22 08:52	06/08/22 14:28	1
Dibenz(a,h)anthracene	<0.037	F1	0.037	0.0073	mg/Kg	*	06/07/22 08:52	06/08/22 14:28	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	*	06/07/22 08:52	06/08/22 14:28	1
Diethyl phthalate	<0.19		0.19	0.064	mg/Kg	*	06/07/22 08:52	06/08/22 14:28	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	*	06/07/22 08:52	06/08/22 14:28	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	*	06/07/22 08:52	06/08/22 14:28	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	*	06/07/22 08:52	06/08/22 14:28	1
<b>Fluoranthene</b>	<b>0.022</b>	<b>J</b>	0.037	0.0070	mg/Kg	*	06/07/22 08:52	06/08/22 14:28	1
Fluorene	<0.037		0.037	0.0053	mg/Kg	*	06/07/22 08:52	06/08/22 14:28	1
Hexachlorobenzene	<0.076		0.076	0.0087	mg/Kg	*	06/07/22 08:52	06/08/22 14:28	1
Hexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	*	06/07/22 08:52	06/08/22 14:28	1
Hexachlorocyclopentadiene	<0.76	*- F1	0.76	0.22	mg/Kg	*	06/07/22 08:52	06/08/22 14:28	1
Hexachloroethane	<0.19	F1	0.19	0.057	mg/Kg	*	06/07/22 08:52	06/08/22 14:28	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217251-1

**Client Sample ID: ROW-148(4-9)-052522**

**Lab Sample ID: 500-217251-1**

**Date Collected: 05/25/22 22:55**

**Matrix: Solid**

**Date Received: 05/26/22 17:45**

**Percent Solids: 83.0**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.037	F1	0.037	0.0097	mg/Kg	☼	06/07/22 08:52	06/08/22 14:28	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	06/07/22 08:52	06/08/22 14:28	1
<b>Naphthalene</b>	<b>0.0089</b>	<b>J</b>	0.037	0.0058	mg/Kg	☼	06/07/22 08:52	06/08/22 14:28	1
Nitrobenzene	<0.037		0.037	0.0094	mg/Kg	☼	06/07/22 08:52	06/08/22 14:28	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.046	mg/Kg	☼	06/07/22 08:52	06/08/22 14:28	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☼	06/07/22 08:52	06/08/22 14:28	1
Pentachlorophenol	<0.76		0.76	0.60	mg/Kg	☼	06/07/22 08:52	06/08/22 14:28	1
<b>Phenanthrene</b>	<b>0.019</b>	<b>J</b>	0.037	0.0052	mg/Kg	☼	06/07/22 08:52	06/08/22 14:28	1
Phenol	<0.19		0.19	0.084	mg/Kg	☼	06/07/22 08:52	06/08/22 14:28	1
<b>Pyrene</b>	<b>0.025</b>	<b>J</b>	0.037	0.0075	mg/Kg	☼	06/07/22 08:52	06/08/22 14:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	68		31 - 143				06/07/22 08:52	06/08/22 14:28	1
2-Fluorobiphenyl (Surr)	66		43 - 145				06/07/22 08:52	06/08/22 14:28	1
2-Fluorophenol (Surr)	72		31 - 166				06/07/22 08:52	06/08/22 14:28	1
Nitrobenzene-d5 (Surr)	74		37 - 147				06/07/22 08:52	06/08/22 14:28	1
Phenol-d5 (Surr)	70		30 - 153				06/07/22 08:52	06/08/22 14:28	1
Terphenyl-d14 (Surr)	83		42 - 157				06/07/22 08:52	06/08/22 14:28	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/06/22 07:58	06/06/22 17:45	1
<b>Barium</b>	<b>0.94</b>		0.50	0.050	mg/L		06/06/22 07:58	06/06/22 17:45	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/06/22 07:58	06/06/22 17:45	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/06/22 07:58	06/06/22 17:45	1
Chromium	<0.025		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 17:45	1
<b>Cobalt</b>	<b>0.021</b>	<b>J</b>	0.025	0.010	mg/L		06/06/22 07:58	06/06/22 17:45	1
<b>Copper</b>	<b>0.010</b>	<b>J</b>	0.025	0.010	mg/L		06/06/22 07:58	06/06/22 17:45	1
<b>Iron</b>	<b>0.26</b>	<b>J</b>	0.40	0.20	mg/L		06/06/22 07:58	06/06/22 17:45	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/06/22 07:58	06/06/22 17:45	1
<b>Manganese</b>	<b>9.5</b>		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 17:45	1
<b>Nickel</b>	<b>0.012</b>	<b>J</b>	0.025	0.010	mg/L		06/06/22 07:58	06/06/22 17:45	1
Selenium	<0.050		0.050	0.020	mg/L		06/06/22 07:58	06/06/22 17:45	1
Silver	<0.025		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 17:45	1
<b>Zinc</b>	<b>0.024</b>	<b>J</b>	0.50	0.020	mg/L		06/06/22 07:58	06/06/22 17:45	1

**Method: 6010B - Metals (ICP) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.049</b>	<b>J</b>	0.050	0.010	mg/L		06/06/22 08:01	06/06/22 21:19	1
<b>Barium</b>	<b>0.56</b>		0.50	0.050	mg/L		06/06/22 08:01	06/06/22 21:19	1
<b>Beryllium</b>	<b>0.0049</b>		0.0040	0.0040	mg/L		06/06/22 08:01	06/06/22 21:19	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/06/22 08:01	06/06/22 21:19	1
<b>Chromium</b>	<b>0.10</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:19	1
<b>Cobalt</b>	<b>0.047</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:19	1
<b>Copper</b>	<b>0.12</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:19	1
<b>Iron</b>	<b>120</b>		0.40	0.20	mg/L		06/06/22 08:01	06/06/22 21:19	1
<b>Lead</b>	<b>0.076</b>		0.0075	0.0075	mg/L		06/06/22 08:01	06/06/22 21:19	1
<b>Manganese</b>	<b>1.2</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:19	1
<b>Nickel</b>	<b>0.12</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:19	1
Selenium	<0.050		0.050	0.020	mg/L		06/06/22 08:01	06/06/22 21:19	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217251-1

**Client Sample ID: ROW-148(4-9)-052522**

**Lab Sample ID: 500-217251-1**

Date Collected: 05/25/22 22:55

Matrix: Solid

Date Received: 05/26/22 17:45

Percent Solids: 83.0

### Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:19	1
<b>Zinc</b>	<b>0.36</b>	<b>J</b>	0.50	0.020	mg/L		06/06/22 08:01	06/06/22 21:19	1

### Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>11000</b>		12	4.8	mg/Kg	☆	06/06/22 09:04	06/06/22 18:34	1
<b>Antimony</b>	<b>0.42</b>	<b>J B F1</b>	1.2	0.23	mg/Kg	☆	06/06/22 09:04	06/06/22 18:34	1
<b>Arsenic</b>	<b>6.6</b>		0.59	0.20	mg/Kg	☆	06/06/22 09:04	06/06/22 18:34	1
<b>Barium</b>	<b>81</b>	<b>F1</b>	0.59	0.067	mg/Kg	☆	06/06/22 09:04	06/06/22 18:34	1
<b>Beryllium</b>	<b>0.67</b>		0.23	0.055	mg/Kg	☆	06/06/22 09:04	06/06/22 18:34	1
<b>Cadmium</b>	<b>0.19</b>	<b>B</b>	0.12	0.021	mg/Kg	☆	06/06/22 09:04	06/06/22 18:34	1
<b>Calcium</b>	<b>29000</b>		12	2.0	mg/Kg	☆	06/06/22 09:04	06/06/22 18:34	1
<b>Chromium</b>	<b>13</b>		0.59	0.29	mg/Kg	☆	06/06/22 09:04	06/06/22 18:34	1
<b>Cobalt</b>	<b>9.1</b>		0.29	0.077	mg/Kg	☆	06/06/22 09:04	06/06/22 18:34	1
<b>Copper</b>	<b>16</b>		0.59	0.16	mg/Kg	☆	06/06/22 09:04	06/06/22 18:34	1
<b>Iron</b>	<b>16000</b>		12	6.1	mg/Kg	☆	06/06/22 09:04	06/06/22 18:34	1
<b>Lead</b>	<b>13</b>	<b>F1</b>	0.29	0.14	mg/Kg	☆	06/06/22 09:04	06/06/22 18:34	1
<b>Magnesium</b>	<b>16000</b>		5.9	2.9	mg/Kg	☆	06/06/22 09:04	06/06/22 18:34	1
<b>Manganese</b>	<b>360</b>		0.59	0.085	mg/Kg	☆	06/06/22 09:04	06/06/22 18:34	1
<b>Nickel</b>	<b>20</b>		0.59	0.17	mg/Kg	☆	06/06/22 09:04	06/06/22 18:34	1
<b>Potassium</b>	<b>930</b>	<b>F1</b>	29	10	mg/Kg	☆	06/06/22 09:04	06/06/22 18:34	1
Selenium	<0.59	F1	0.59	0.34	mg/Kg	☆	06/06/22 09:04	06/06/22 18:34	1
<b>Silver</b>	<b>0.26</b>	<b>J</b>	0.29	0.076	mg/Kg	☆	06/06/22 09:04	06/06/22 18:34	1
<b>Sodium</b>	<b>150</b>		59	8.7	mg/Kg	☆	06/06/22 09:04	06/06/22 18:34	1
Thallium	<0.59		0.59	0.29	mg/Kg	☆	06/06/22 09:04	06/06/22 18:34	1
<b>Vanadium</b>	<b>22</b>		0.29	0.069	mg/Kg	☆	06/06/22 09:04	06/06/22 18:34	1
<b>Zinc</b>	<b>55</b>		1.2	0.51	mg/Kg	☆	06/06/22 09:04	06/06/22 18:34	1

### Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/22 13:15	06/06/22 10:54	1

### Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/22 13:15	06/06/22 13:03	1

### Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.036</b>		0.019	0.0064	mg/Kg	☆	06/03/22 16:35	06/06/22 08:49	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>7.6</b>		0.2	0.2	SU			06/01/22 16:48	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217251-1

**Client Sample ID: ROW-149(0-4)-052522**

**Lab Sample ID: 500-217251-2**

Date Collected: 05/25/22 23:30

Matrix: Solid

Date Received: 05/26/22 17:45

Percent Solids: 83.9

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>0.029</b>		0.016	0.0068	mg/Kg	☼	05/27/22 18:36	05/31/22 19:52	1
Benzene	<0.0016		0.0016	0.00040	mg/Kg	☼	05/27/22 18:36	05/31/22 19:52	1
Bromodichloromethane	<0.0016		0.0016	0.00032	mg/Kg	☼	05/27/22 18:36	05/31/22 19:52	1
Bromoform	<0.0016		0.0016	0.00046	mg/Kg	☼	05/27/22 18:36	05/31/22 19:52	1
Bromomethane	<0.0039		0.0039	0.0015	mg/Kg	☼	05/27/22 18:36	05/31/22 19:52	1
<b>Carbon disulfide</b>	<b>0.0018</b>	<b>J</b>	0.0039	0.00081	mg/Kg	☼	05/27/22 18:36	05/31/22 19:52	1
Carbon tetrachloride	<0.0016		0.0016	0.00045	mg/Kg	☼	05/27/22 18:36	05/31/22 19:52	1
Chlorobenzene	<0.0016		0.0016	0.00058	mg/Kg	☼	05/27/22 18:36	05/31/22 19:52	1
Chloroethane	<0.0039		0.0039	0.0012	mg/Kg	☼	05/27/22 18:36	05/31/22 19:52	1
Chloroform	<0.0016		0.0016	0.00054	mg/Kg	☼	05/27/22 18:36	05/31/22 19:52	1
Chloromethane	<0.0039		0.0039	0.0016	mg/Kg	☼	05/27/22 18:36	05/31/22 19:52	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00044	mg/Kg	☼	05/27/22 18:36	05/31/22 19:52	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00047	mg/Kg	☼	05/27/22 18:36	05/31/22 19:52	1
Dibromochloromethane	<0.0016		0.0016	0.00051	mg/Kg	☼	05/27/22 18:36	05/31/22 19:52	1
1,1-Dichloroethane	<0.0016		0.0016	0.00054	mg/Kg	☼	05/27/22 18:36	05/31/22 19:52	1
1,2-Dichloroethane	<0.0039		0.0039	0.0012	mg/Kg	☼	05/27/22 18:36	05/31/22 19:52	1
1,1-Dichloroethene	<0.0016		0.0016	0.00054	mg/Kg	☼	05/27/22 18:36	05/31/22 19:52	1
1,2-Dichloropropane	<0.0016		0.0016	0.00040	mg/Kg	☼	05/27/22 18:36	05/31/22 19:52	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00055	mg/Kg	☼	05/27/22 18:36	05/31/22 19:52	1
Ethylbenzene	<0.0016		0.0016	0.00075	mg/Kg	☼	05/27/22 18:36	05/31/22 19:52	1
2-Hexanone	<0.0039		0.0039	0.0012	mg/Kg	☼	05/27/22 18:36	05/31/22 19:52	1
Methylene Chloride	<0.0039		0.0039	0.0015	mg/Kg	☼	05/27/22 18:36	05/31/22 19:52	1
<b>Methyl Ethyl Ketone</b>	<b>0.0053</b>		0.0039	0.0017	mg/Kg	☼	05/27/22 18:36	05/31/22 19:52	1
methyl isobutyl ketone	<0.0039		0.0039	0.0012	mg/Kg	☼	05/27/22 18:36	05/31/22 19:52	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00046	mg/Kg	☼	05/27/22 18:36	05/31/22 19:52	1
Styrene	<0.0016		0.0016	0.00047	mg/Kg	☼	05/27/22 18:36	05/31/22 19:52	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00050	mg/Kg	☼	05/27/22 18:36	05/31/22 19:52	1
Tetrachloroethene	<0.0016		0.0016	0.00053	mg/Kg	☼	05/27/22 18:36	05/31/22 19:52	1
Toluene	<0.0016		0.0016	0.00039	mg/Kg	☼	05/27/22 18:36	05/31/22 19:52	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00069	mg/Kg	☼	05/27/22 18:36	05/31/22 19:52	1
trans-1,3-Dichloropropene	<0.0016	*+	0.0016	0.00055	mg/Kg	☼	05/27/22 18:36	05/31/22 19:52	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00052	mg/Kg	☼	05/27/22 18:36	05/31/22 19:52	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00067	mg/Kg	☼	05/27/22 18:36	05/31/22 19:52	1
Trichloroethene	<0.0016		0.0016	0.00053	mg/Kg	☼	05/27/22 18:36	05/31/22 19:52	1
Vinyl chloride	<0.0016		0.0016	0.00069	mg/Kg	☼	05/27/22 18:36	05/31/22 19:52	1
Xylenes, Total	<0.0031		0.0031	0.00050	mg/Kg	☼	05/27/22 18:36	05/31/22 19:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		75 - 131	05/27/22 18:36	05/31/22 19:52	1
Dibromofluoromethane (Surr)	112		75 - 126	05/27/22 18:36	05/31/22 19:52	1
1,2-Dichloroethane-d4 (Surr)	114		70 - 134	05/27/22 18:36	05/31/22 19:52	1
Toluene-d8 (Surr)	111		75 - 124	05/27/22 18:36	05/31/22 19:52	1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	☼	06/07/22 08:52	06/08/22 15:31	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	☼	06/07/22 08:52	06/08/22 15:31	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	06/07/22 08:52	06/08/22 15:31	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	☼	06/07/22 08:52	06/08/22 15:31	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	☼	06/07/22 08:52	06/08/22 15:31	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217251-1

**Client Sample ID: ROW-149(0-4)-052522**

**Lab Sample ID: 500-217251-2**

**Date Collected: 05/25/22 23:30**

**Matrix: Solid**

**Date Received: 05/26/22 17:45**

**Percent Solids: 83.9**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.085	mg/Kg	✱	06/07/22 08:52	06/08/22 15:31	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	✱	06/07/22 08:52	06/08/22 15:31	1
2,4-Dichlorophenol	<0.37		0.37	0.089	mg/Kg	✱	06/07/22 08:52	06/08/22 15:31	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	✱	06/07/22 08:52	06/08/22 15:31	1
2,4-Dinitrophenol	<0.75		0.75	0.66	mg/Kg	✱	06/07/22 08:52	06/08/22 15:31	1
2,4-Dinitrotoluene	<0.19		0.19	0.059	mg/Kg	✱	06/07/22 08:52	06/08/22 15:31	1
2,6-Dinitrotoluene	<0.19		0.19	0.073	mg/Kg	✱	06/07/22 08:52	06/08/22 15:31	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	✱	06/07/22 08:52	06/08/22 15:31	1
2-Chlorophenol	<0.19		0.19	0.064	mg/Kg	✱	06/07/22 08:52	06/08/22 15:31	1
2-Methylnaphthalene	<0.075		0.075	0.0069	mg/Kg	✱	06/07/22 08:52	06/08/22 15:31	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	✱	06/07/22 08:52	06/08/22 15:31	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	✱	06/07/22 08:52	06/08/22 15:31	1
2-Nitrophenol	<0.37		0.37	0.088	mg/Kg	✱	06/07/22 08:52	06/08/22 15:31	1
3 & 4 Methylphenol	<0.19		0.19	0.062	mg/Kg	✱	06/07/22 08:52	06/08/22 15:31	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.052	mg/Kg	✱	06/07/22 08:52	06/08/22 15:31	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	✱	06/07/22 08:52	06/08/22 15:31	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.30	mg/Kg	✱	06/07/22 08:52	06/08/22 15:31	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	✱	06/07/22 08:52	06/08/22 15:31	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	✱	06/07/22 08:52	06/08/22 15:31	1
4-Chloroaniline	<0.75		0.75	0.18	mg/Kg	✱	06/07/22 08:52	06/08/22 15:31	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	✱	06/07/22 08:52	06/08/22 15:31	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	✱	06/07/22 08:52	06/08/22 15:31	1
4-Nitrophenol	<0.75		0.75	0.36	mg/Kg	✱	06/07/22 08:52	06/08/22 15:31	1
Acenaphthene	<0.037		0.037	0.0067	mg/Kg	✱	06/07/22 08:52	06/08/22 15:31	1
Acenaphthylene	<0.037		0.037	0.0049	mg/Kg	✱	06/07/22 08:52	06/08/22 15:31	1
Anthracene	<0.037		0.037	0.0062	mg/Kg	✱	06/07/22 08:52	06/08/22 15:31	1
Benzo[a]anthracene	<0.037		0.037	0.0050	mg/Kg	✱	06/07/22 08:52	06/08/22 15:31	1
Benzo[a]pyrene	<0.037		0.037	0.0072	mg/Kg	✱	06/07/22 08:52	06/08/22 15:31	1
Benzo[b]fluoranthene	<0.037		0.037	0.0081	mg/Kg	✱	06/07/22 08:52	06/08/22 15:31	1
Benzo[g,h,i]perylene	<0.037		0.037	0.012	mg/Kg	✱	06/07/22 08:52	06/08/22 15:31	1
Benzo[k]fluoranthene	<0.037		0.037	0.011	mg/Kg	✱	06/07/22 08:52	06/08/22 15:31	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	✱	06/07/22 08:52	06/08/22 15:31	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	✱	06/07/22 08:52	06/08/22 15:31	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.068	mg/Kg	✱	06/07/22 08:52	06/08/22 15:31	1
Butyl benzyl phthalate	<0.19		0.19	0.071	mg/Kg	✱	06/07/22 08:52	06/08/22 15:31	1
Carbazole	<0.19		0.19	0.093	mg/Kg	✱	06/07/22 08:52	06/08/22 15:31	1
Chrysene	<0.037		0.037	0.010	mg/Kg	✱	06/07/22 08:52	06/08/22 15:31	1
Dibenz(a,h)anthracene	<0.037		0.037	0.0072	mg/Kg	✱	06/07/22 08:52	06/08/22 15:31	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	✱	06/07/22 08:52	06/08/22 15:31	1
Diethyl phthalate	<0.19		0.19	0.063	mg/Kg	✱	06/07/22 08:52	06/08/22 15:31	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	✱	06/07/22 08:52	06/08/22 15:31	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	✱	06/07/22 08:52	06/08/22 15:31	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	✱	06/07/22 08:52	06/08/22 15:31	1
Fluoranthene	<0.037		0.037	0.0069	mg/Kg	✱	06/07/22 08:52	06/08/22 15:31	1
Fluorene	<0.037		0.037	0.0052	mg/Kg	✱	06/07/22 08:52	06/08/22 15:31	1
Hexachlorobenzene	<0.075		0.075	0.0087	mg/Kg	✱	06/07/22 08:52	06/08/22 15:31	1
Hexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	✱	06/07/22 08:52	06/08/22 15:31	1
Hexachlorocyclopentadiene	<0.75	*	0.75	0.21	mg/Kg	✱	06/07/22 08:52	06/08/22 15:31	1
Hexachloroethane	<0.19		0.19	0.057	mg/Kg	✱	06/07/22 08:52	06/08/22 15:31	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217251-1

**Client Sample ID: ROW-149(0-4)-052522**

**Lab Sample ID: 500-217251-2**

**Date Collected: 05/25/22 23:30**

**Matrix: Solid**

**Date Received: 05/26/22 17:45**

**Percent Solids: 83.9**

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.037		0.037	0.0097	mg/Kg	☼	06/07/22 08:52	06/08/22 15:31	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	06/07/22 08:52	06/08/22 15:31	1
Naphthalene	<0.037		0.037	0.0057	mg/Kg	☼	06/07/22 08:52	06/08/22 15:31	1
Nitrobenzene	<0.037		0.037	0.0093	mg/Kg	☼	06/07/22 08:52	06/08/22 15:31	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.046	mg/Kg	☼	06/07/22 08:52	06/08/22 15:31	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☼	06/07/22 08:52	06/08/22 15:31	1
Pentachlorophenol	<0.75		0.75	0.60	mg/Kg	☼	06/07/22 08:52	06/08/22 15:31	1
<b>Phenanthrene</b>	<b>0.0099</b>	<b>J</b>	0.037	0.0052	mg/Kg	☼	06/07/22 08:52	06/08/22 15:31	1
Phenol	<0.19		0.19	0.083	mg/Kg	☼	06/07/22 08:52	06/08/22 15:31	1
<b>Pyrene</b>	<b>0.013</b>	<b>J</b>	0.037	0.0074	mg/Kg	☼	06/07/22 08:52	06/08/22 15:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	75		31 - 143				06/07/22 08:52	06/08/22 15:31	1
2-Fluorobiphenyl (Surr)	78		43 - 145				06/07/22 08:52	06/08/22 15:31	1
2-Fluorophenol (Surr)	84		31 - 166				06/07/22 08:52	06/08/22 15:31	1
Nitrobenzene-d5 (Surr)	86		37 - 147				06/07/22 08:52	06/08/22 15:31	1
Phenol-d5 (Surr)	83		30 - 153				06/07/22 08:52	06/08/22 15:31	1
Terphenyl-d14 (Surr)	91		42 - 157				06/07/22 08:52	06/08/22 15:31	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/06/22 07:58	06/06/22 18:08	1
<b>Barium</b>	<b>0.86</b>		0.50	0.050	mg/L		06/06/22 07:58	06/06/22 18:08	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/06/22 07:58	06/06/22 18:08	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/06/22 07:58	06/06/22 18:08	1
Chromium	<0.025		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:08	1
<b>Cobalt</b>	<b>0.017</b>	<b>J</b>	0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:08	1
Copper	<0.025		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:08	1
Iron	<0.40		0.40	0.20	mg/L		06/06/22 07:58	06/06/22 18:08	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/06/22 07:58	06/06/22 18:08	1
<b>Manganese</b>	<b>10</b>		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:08	1
<b>Nickel</b>	<b>0.012</b>	<b>J</b>	0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:08	1
Selenium	<0.050		0.050	0.020	mg/L		06/06/22 07:58	06/06/22 18:08	1
Silver	<0.025		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:08	1
<b>Zinc</b>	<b>0.036</b>	<b>J</b>	0.50	0.020	mg/L		06/06/22 07:58	06/06/22 18:08	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.051</b>		0.050	0.010	mg/L		06/06/22 08:01	06/06/22 21:22	1
<b>Barium</b>	<b>0.49</b>	<b>J</b>	0.50	0.050	mg/L		06/06/22 08:01	06/06/22 21:22	1
<b>Beryllium</b>	<b>0.0049</b>		0.0040	0.0040	mg/L		06/06/22 08:01	06/06/22 21:22	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/06/22 08:01	06/06/22 21:22	1
<b>Chromium</b>	<b>0.096</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:22	1
<b>Cobalt</b>	<b>0.041</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:22	1
<b>Copper</b>	<b>0.12</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:22	1
<b>Iron</b>	<b>120</b>		0.40	0.20	mg/L		06/06/22 08:01	06/06/22 21:22	1
<b>Lead</b>	<b>0.066</b>		0.0075	0.0075	mg/L		06/06/22 08:01	06/06/22 21:22	1
<b>Manganese</b>	<b>1.4</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:22	1
<b>Nickel</b>	<b>0.12</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:22	1
Selenium	<0.050		0.050	0.020	mg/L		06/06/22 08:01	06/06/22 21:22	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217251-1

**Client Sample ID: ROW-149(0-4)-052522**

**Lab Sample ID: 500-217251-2**

Date Collected: 05/25/22 23:30

Matrix: Solid

Date Received: 05/26/22 17:45

Percent Solids: 83.9

### Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:22	1
<b>Zinc</b>	<b>0.35</b>	<b>J</b>	0.50	0.020	mg/L		06/06/22 08:01	06/06/22 21:22	1

### Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>11000</b>		11	4.6	mg/Kg	☆	06/06/22 09:04	06/06/22 18:50	1
<b>Antimony</b>	<b>0.34</b>	<b>J B</b>	1.1	0.22	mg/Kg	☆	06/06/22 09:04	06/06/22 18:50	1
<b>Arsenic</b>	<b>8.8</b>		0.56	0.19	mg/Kg	☆	06/06/22 09:04	06/06/22 18:50	1
<b>Barium</b>	<b>75</b>		0.56	0.064	mg/Kg	☆	06/06/22 09:04	06/06/22 18:50	1
<b>Beryllium</b>	<b>0.75</b>		0.22	0.052	mg/Kg	☆	06/06/22 09:04	06/06/22 18:50	1
<b>Cadmium</b>	<b>0.16</b>	<b>B</b>	0.11	0.020	mg/Kg	☆	06/06/22 09:04	06/06/22 18:50	1
<b>Calcium</b>	<b>27000</b>		11	1.9	mg/Kg	☆	06/06/22 09:04	06/06/22 18:50	1
<b>Chromium</b>	<b>12</b>		0.56	0.28	mg/Kg	☆	06/06/22 09:04	06/06/22 18:50	1
<b>Cobalt</b>	<b>9.8</b>		0.28	0.073	mg/Kg	☆	06/06/22 09:04	06/06/22 18:50	1
<b>Copper</b>	<b>18</b>		0.56	0.16	mg/Kg	☆	06/06/22 09:04	06/06/22 18:50	1
<b>Iron</b>	<b>18000</b>		11	5.8	mg/Kg	☆	06/06/22 09:04	06/06/22 18:50	1
<b>Lead</b>	<b>15</b>		0.28	0.13	mg/Kg	☆	06/06/22 09:04	06/06/22 18:50	1
<b>Magnesium</b>	<b>16000</b>		5.6	2.8	mg/Kg	☆	06/06/22 09:04	06/06/22 18:50	1
<b>Manganese</b>	<b>430</b>		0.56	0.081	mg/Kg	☆	06/06/22 09:04	06/06/22 18:50	1
<b>Nickel</b>	<b>23</b>		0.56	0.16	mg/Kg	☆	06/06/22 09:04	06/06/22 18:50	1
<b>Potassium</b>	<b>970</b>		28	9.9	mg/Kg	☆	06/06/22 09:04	06/06/22 18:50	1
Selenium	<0.56		0.56	0.33	mg/Kg	☆	06/06/22 09:04	06/06/22 18:50	1
<b>Silver</b>	<b>0.31</b>		0.28	0.072	mg/Kg	☆	06/06/22 09:04	06/06/22 18:50	1
<b>Sodium</b>	<b>540</b>		56	8.3	mg/Kg	☆	06/06/22 09:04	06/06/22 18:50	1
Thallium	<0.56		0.56	0.28	mg/Kg	☆	06/06/22 09:04	06/06/22 18:50	1
<b>Vanadium</b>	<b>24</b>		0.28	0.066	mg/Kg	☆	06/06/22 09:04	06/06/22 18:50	1
<b>Zinc</b>	<b>65</b>		1.1	0.49	mg/Kg	☆	06/06/22 09:04	06/06/22 18:50	1

### Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/22 13:15	06/06/22 11:00	1

### Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/22 13:15	06/06/22 13:05	1

### Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.040</b>		0.018	0.0060	mg/Kg	☆	06/03/22 16:35	06/06/22 08:51	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.1</b>		0.2	0.2	SU			06/01/22 16:51	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217251-1

**Client Sample ID: ROW-149(4-9)-052522**

**Lab Sample ID: 500-217251-3**

Date Collected: 05/25/22 23:35

Matrix: Solid

Date Received: 05/26/22 17:45

Percent Solids: 80.1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>0.053</b>		0.019	0.0083	mg/Kg	☼	05/27/22 18:36	06/03/22 17:45	1
Benzene	<0.0019		0.0019	0.00048	mg/Kg	☼	05/27/22 18:36	06/03/22 17:45	1
Bromodichloromethane	<0.0019		0.0019	0.00039	mg/Kg	☼	05/27/22 18:36	06/03/22 17:45	1
Bromoform	<0.0019		0.0019	0.00055	mg/Kg	☼	05/27/22 18:36	06/03/22 17:45	1
Bromomethane	<0.0047		0.0047	0.0018	mg/Kg	☼	05/27/22 18:36	06/03/22 17:45	1
Carbon disulfide	<0.0047		0.0047	0.00099	mg/Kg	☼	05/27/22 18:36	06/03/22 17:45	1
Carbon tetrachloride	<0.0019		0.0019	0.00055	mg/Kg	☼	05/27/22 18:36	06/03/22 17:45	1
Chlorobenzene	<0.0019		0.0019	0.00070	mg/Kg	☼	05/27/22 18:36	06/03/22 17:45	1
Chloroethane	<0.0047		0.0047	0.0014	mg/Kg	☼	05/27/22 18:36	06/03/22 17:45	1
Chloroform	<0.0019		0.0019	0.00066	mg/Kg	☼	05/27/22 18:36	06/03/22 17:45	1
Chloromethane	<0.0047		0.0047	0.0019	mg/Kg	☼	05/27/22 18:36	06/03/22 17:45	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00053	mg/Kg	☼	05/27/22 18:36	06/03/22 17:45	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00057	mg/Kg	☼	05/27/22 18:36	06/03/22 17:45	1
Dibromochloromethane	<0.0019		0.0019	0.00062	mg/Kg	☼	05/27/22 18:36	06/03/22 17:45	1
1,1-Dichloroethane	<0.0019		0.0019	0.00065	mg/Kg	☼	05/27/22 18:36	06/03/22 17:45	1
1,2-Dichloroethane	<0.0047		0.0047	0.0015	mg/Kg	☼	05/27/22 18:36	06/03/22 17:45	1
1,1-Dichloroethene	<0.0019		0.0019	0.00065	mg/Kg	☼	05/27/22 18:36	06/03/22 17:45	1
1,2-Dichloropropane	<0.0019		0.0019	0.00049	mg/Kg	☼	05/27/22 18:36	06/03/22 17:45	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00067	mg/Kg	☼	05/27/22 18:36	06/03/22 17:45	1
Ethylbenzene	<0.0019		0.0019	0.00091	mg/Kg	☼	05/27/22 18:36	06/03/22 17:45	1
2-Hexanone	<0.0047		0.0047	0.0015	mg/Kg	☼	05/27/22 18:36	06/03/22 17:45	1
Methylene Chloride	<0.0047		0.0047	0.0019	mg/Kg	☼	05/27/22 18:36	06/03/22 17:45	1
<b>Methyl Ethyl Ketone</b>	<b>0.0081</b>		0.0047	0.0021	mg/Kg	☼	05/27/22 18:36	06/03/22 17:45	1
methyl isobutyl ketone	<0.0047		0.0047	0.0014	mg/Kg	☼	05/27/22 18:36	06/03/22 17:45	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00056	mg/Kg	☼	05/27/22 18:36	06/03/22 17:45	1
Styrene	<0.0019		0.0019	0.00057	mg/Kg	☼	05/27/22 18:36	06/03/22 17:45	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00061	mg/Kg	☼	05/27/22 18:36	06/03/22 17:45	1
Tetrachloroethene	<0.0019		0.0019	0.00065	mg/Kg	☼	05/27/22 18:36	06/03/22 17:45	1
<b>Toluene</b>	<b>0.00050 J</b>		0.0019	0.00048	mg/Kg	☼	05/27/22 18:36	06/03/22 17:45	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00084	mg/Kg	☼	05/27/22 18:36	06/03/22 17:45	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00067	mg/Kg	☼	05/27/22 18:36	06/03/22 17:45	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00064	mg/Kg	☼	05/27/22 18:36	06/03/22 17:45	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00081	mg/Kg	☼	05/27/22 18:36	06/03/22 17:45	1
Trichloroethene	<0.0019		0.0019	0.00064	mg/Kg	☼	05/27/22 18:36	06/03/22 17:45	1
Vinyl chloride	<0.0019		0.0019	0.00084	mg/Kg	☼	05/27/22 18:36	06/03/22 17:45	1
Xylenes, Total	<0.0038		0.0038	0.00061	mg/Kg	☼	05/27/22 18:36	06/03/22 17:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		75 - 131	05/27/22 18:36	06/03/22 17:45	1
Dibromofluoromethane (Surr)	109		75 - 126	05/27/22 18:36	06/03/22 17:45	1
1,2-Dichloroethane-d4 (Surr)	98		70 - 134	05/27/22 18:36	06/03/22 17:45	1
Toluene-d8 (Surr)	116		75 - 124	05/27/22 18:36	06/03/22 17:45	1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.21		0.21	0.044	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
1,2-Dichlorobenzene	<0.21		0.21	0.049	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
1,3-Dichlorobenzene	<0.21		0.21	0.046	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
1,4-Dichlorobenzene	<0.21		0.21	0.053	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
2,2'-oxybis[1-chloropropane]	<0.21		0.21	0.047	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217251-1

**Client Sample ID: ROW-149(4-9)-052522**

**Lab Sample ID: 500-217251-3**

**Date Collected: 05/25/22 23:35**

**Matrix: Solid**

**Date Received: 05/26/22 17:45**

**Percent Solids: 80.1**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.41		0.41	0.093	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
2,4,6-Trichlorophenol	<0.41		0.41	0.14	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
2,4-Dichlorophenol	<0.41		0.41	0.097	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
2,4-Dimethylphenol	<0.41		0.41	0.16	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
2,4-Dinitrophenol	<0.83		0.83	0.72	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
2,4-Dinitrotoluene	<0.21		0.21	0.065	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
2,6-Dinitrotoluene	<0.21		0.21	0.080	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
2-Chloronaphthalene	<0.21		0.21	0.045	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
2-Chlorophenol	<0.21		0.21	0.070	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
2-Methylnaphthalene	<0.083		0.083	0.0075	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
2-Methylphenol	<0.21		0.21	0.066	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
2-Nitroaniline	<0.21		0.21	0.055	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
2-Nitrophenol	<0.41		0.41	0.097	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
3 & 4 Methylphenol	<0.21		0.21	0.068	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
3,3'-Dichlorobenzidine	<0.21		0.21	0.057	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
3-Nitroaniline	<0.41		0.41	0.13	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
4,6-Dinitro-2-methylphenol	<0.83		0.83	0.33	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
4-Bromophenyl phenyl ether	<0.21		0.21	0.054	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
4-Chloro-3-methylphenol	<0.41		0.41	0.14	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
4-Chloroaniline	<0.83		0.83	0.19	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
4-Chlorophenyl phenyl ether	<0.21		0.21	0.048	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
4-Nitroaniline	<0.41		0.41	0.17	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
4-Nitrophenol	<0.83		0.83	0.39	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
Acenaphthene	<0.041		0.041	0.0074	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
Acenaphthylene	<0.041		0.041	0.0054	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
Anthracene	<0.041		0.041	0.0068	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
Benzo[a]anthracene	<0.041		0.041	0.0055	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
Benzo[a]pyrene	<0.041		0.041	0.0079	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
Benzo[b]fluoranthene	<0.041		0.041	0.0088	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
Benzo[g,h,i]perylene	<0.041		0.041	0.013	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
Benzo[k]fluoranthene	<0.041		0.041	0.012	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
Bis(2-chloroethoxy)methane	<0.21		0.21	0.042	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
Bis(2-chloroethyl)ether	<0.21		0.21	0.061	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
Bis(2-ethylhexyl) phthalate	<0.21		0.21	0.075	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
Butyl benzyl phthalate	<0.21		0.21	0.078	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
Carbazole	<0.21		0.21	0.10	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
Chrysene	<0.041		0.041	0.011	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
Dibenz(a,h)anthracene	<0.041		0.041	0.0079	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
Dibenzofuran	<0.21		0.21	0.048	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
Diethyl phthalate	<0.21		0.21	0.069	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
Dimethyl phthalate	<0.21		0.21	0.053	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
Di-n-butyl phthalate	<0.21		0.21	0.062	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
Di-n-octyl phthalate	<0.21		0.21	0.067	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
Fluoranthene	<0.041		0.041	0.0076	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
Fluorene	<0.041		0.041	0.0058	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
Hexachlorobenzene	<0.083		0.083	0.0095	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
Hexachlorobutadiene	<0.21		0.21	0.064	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
Hexachlorocyclopentadiene	<0.83	*	0.83	0.24	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
Hexachloroethane	<0.21		0.21	0.062	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217251-1

**Client Sample ID: ROW-149(4-9)-052522**

**Lab Sample ID: 500-217251-3**

**Date Collected: 05/25/22 23:35**

**Matrix: Solid**

**Date Received: 05/26/22 17:45**

**Percent Solids: 80.1**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.041		0.041	0.011	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
Isophorone	<0.21		0.21	0.046	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
Naphthalene	<0.041		0.041	0.0063	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
Nitrobenzene	<0.041		0.041	0.010	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
N-Nitrosodi-n-propylamine	<0.083		0.083	0.050	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
N-Nitrosodiphenylamine	<0.21		0.21	0.048	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
Pentachlorophenol	<0.83		0.83	0.66	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
Phenanthrene	<0.041		0.041	0.0057	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
Phenol	<0.21		0.21	0.091	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1
Pyrene	<0.041		0.041	0.0081	mg/Kg	☼	06/07/22 08:52	06/08/22 15:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	72		31 - 143	06/07/22 08:52	06/08/22 15:52	1
2-Fluorobiphenyl (Surr)	66		43 - 145	06/07/22 08:52	06/08/22 15:52	1
2-Fluorophenol (Surr)	76		31 - 166	06/07/22 08:52	06/08/22 15:52	1
Nitrobenzene-d5 (Surr)	75		37 - 147	06/07/22 08:52	06/08/22 15:52	1
Phenol-d5 (Surr)	74		30 - 153	06/07/22 08:52	06/08/22 15:52	1
Terphenyl-d14 (Surr)	83		42 - 157	06/07/22 08:52	06/08/22 15:52	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.012</b>	<b>J</b>	0.050	0.010	mg/L		06/06/22 07:58	06/06/22 18:11	1
<b>Barium</b>	<b>0.36</b>	<b>J</b>	0.50	0.050	mg/L		06/06/22 07:58	06/06/22 18:11	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/06/22 07:58	06/06/22 18:11	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/06/22 07:58	06/06/22 18:11	1
Chromium	<0.025		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:11	1
<b>Cobalt</b>	<b>0.022</b>	<b>J</b>	0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:11	1
<b>Copper</b>	<b>0.017</b>	<b>J</b>	0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:11	1
<b>Iron</b>	<b>3.2</b>		0.40	0.20	mg/L		06/06/22 07:58	06/06/22 18:11	1
<b>Lead</b>	<b>0.010</b>		0.0075	0.0075	mg/L		06/06/22 07:58	06/06/22 18:11	1
<b>Manganese</b>	<b>4.7</b>		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:11	1
<b>Nickel</b>	<b>0.027</b>		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:11	1
Selenium	<0.050		0.050	0.020	mg/L		06/06/22 07:58	06/06/22 18:11	1
Silver	<0.025		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:11	1
<b>Zinc</b>	<b>0.050</b>	<b>J</b>	0.50	0.020	mg/L		06/06/22 07:58	06/06/22 18:11	1

**Method: 6010B - Metals (ICP) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.058</b>		0.050	0.010	mg/L		06/06/22 08:01	06/06/22 21:26	1
<b>Barium</b>	<b>0.29</b>	<b>J</b>	0.50	0.050	mg/L		06/06/22 08:01	06/06/22 21:26	1
<b>Beryllium</b>	<b>0.0050</b>		0.0040	0.0040	mg/L		06/06/22 08:01	06/06/22 21:26	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/06/22 08:01	06/06/22 21:26	1
<b>Chromium</b>	<b>0.091</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:26	1
<b>Cobalt</b>	<b>0.047</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:26	1
<b>Copper</b>	<b>0.14</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:26	1
<b>Iron</b>	<b>120</b>		0.40	0.20	mg/L		06/06/22 08:01	06/06/22 21:26	1
<b>Lead</b>	<b>0.068</b>		0.0075	0.0075	mg/L		06/06/22 08:01	06/06/22 21:26	1
<b>Manganese</b>	<b>0.95</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:26	1
<b>Nickel</b>	<b>0.13</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:26	1
Selenium	<0.050		0.050	0.020	mg/L		06/06/22 08:01	06/06/22 21:26	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217251-1

**Client Sample ID: ROW-149(4-9)-052522**

**Lab Sample ID: 500-217251-3**

Date Collected: 05/25/22 23:35

Matrix: Solid

Date Received: 05/26/22 17:45

Percent Solids: 80.1

### Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:26	1
<b>Zinc</b>	<b>0.29</b>	<b>J</b>	0.50	0.020	mg/L		06/06/22 08:01	06/06/22 21:26	1

### Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>16000</b>		12	4.9	mg/Kg	☆	06/06/22 09:04	06/06/22 18:53	1
<b>Antimony</b>	<b>0.59</b>	<b>J B</b>	1.2	0.23	mg/Kg	☆	06/06/22 09:04	06/06/22 18:53	1
<b>Arsenic</b>	<b>13</b>		1.2	0.41	mg/Kg	☆	06/06/22 09:04	06/07/22 10:44	2
<b>Barium</b>	<b>65</b>		0.60	0.069	mg/Kg	☆	06/06/22 09:04	06/06/22 18:53	1
<b>Beryllium</b>	<b>1.1</b>		0.24	0.056	mg/Kg	☆	06/06/22 09:04	06/06/22 18:53	1
<b>Cadmium</b>	<b>0.14</b>	<b>B</b>	0.12	0.022	mg/Kg	☆	06/06/22 09:04	06/06/22 18:53	1
<b>Calcium</b>	<b>1600</b>		12	2.0	mg/Kg	☆	06/06/22 09:04	06/06/22 18:53	1
<b>Chromium</b>	<b>22</b>		0.60	0.30	mg/Kg	☆	06/06/22 09:04	06/06/22 18:53	1
<b>Cobalt</b>	<b>18</b>		0.30	0.079	mg/Kg	☆	06/06/22 09:04	06/06/22 18:53	1
<b>Copper</b>	<b>33</b>		1.2	0.34	mg/Kg	☆	06/06/22 09:04	06/07/22 10:44	2
<b>Iron</b>	<b>36000</b>		24	13	mg/Kg	☆	06/06/22 09:04	06/07/22 10:44	2
<b>Lead</b>	<b>20</b>		0.60	0.28	mg/Kg	☆	06/06/22 09:04	06/07/22 10:44	2
<b>Magnesium</b>	<b>3800</b>		6.0	3.0	mg/Kg	☆	06/06/22 09:04	06/06/22 18:53	1
<b>Manganese</b>	<b>360</b>		0.60	0.087	mg/Kg	☆	06/06/22 09:04	06/06/22 18:53	1
<b>Nickel</b>	<b>41</b>		1.2	0.35	mg/Kg	☆	06/06/22 09:04	06/07/22 10:44	2
<b>Potassium</b>	<b>1700</b>		30	11	mg/Kg	☆	06/06/22 09:04	06/06/22 18:53	1
<b>Selenium</b>	<b>0.38</b>	<b>J</b>	0.60	0.35	mg/Kg	☆	06/06/22 09:04	06/06/22 18:53	1
<b>Silver</b>	<b>0.46</b>		0.30	0.078	mg/Kg	☆	06/06/22 09:04	06/06/22 18:53	1
<b>Sodium</b>	<b>67</b>		60	8.9	mg/Kg	☆	06/06/22 09:04	06/06/22 18:53	1
<b>Thallium</b>	<b>0.95</b>	<b>J</b>	1.2	0.60	mg/Kg	☆	06/06/22 09:04	06/07/22 10:44	2
<b>Vanadium</b>	<b>38</b>		0.60	0.14	mg/Kg	☆	06/06/22 09:04	06/07/22 10:44	2
<b>Zinc</b>	<b>82</b>		1.2	0.53	mg/Kg	☆	06/06/22 09:04	06/06/22 18:53	1

### Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/22 13:15	06/06/22 11:02	1

### Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/22 13:15	06/06/22 13:07	1

### Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.054</b>		0.019	0.0064	mg/Kg	☆	06/03/22 16:35	06/06/22 08:53	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>6.6</b>		0.2	0.2	SU			06/01/22 16:53	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217251-1

**Client Sample ID: ROW-152(0-4)-052522**

**Lab Sample ID: 500-217251-4**

**Date Collected: 05/25/22 23:40**

**Matrix: Solid**

**Date Received: 05/26/22 17:45**

**Percent Solids: 86.9**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0071	mg/Kg	✳	05/27/22 18:36	05/31/22 20:40	1
Benzene	<0.0016		0.0016	0.00041	mg/Kg	✳	05/27/22 18:36	05/31/22 20:40	1
Bromodichloromethane	<0.0016		0.0016	0.00033	mg/Kg	✳	05/27/22 18:36	05/31/22 20:40	1
Bromoform	<0.0016		0.0016	0.00047	mg/Kg	✳	05/27/22 18:36	05/31/22 20:40	1
Bromomethane	<0.0041		0.0041	0.0015	mg/Kg	✳	05/27/22 18:36	05/31/22 20:40	1
Carbon disulfide	<0.0041		0.0041	0.00085	mg/Kg	✳	05/27/22 18:36	05/31/22 20:40	1
Carbon tetrachloride	<0.0016		0.0016	0.00047	mg/Kg	✳	05/27/22 18:36	05/31/22 20:40	1
Chlorobenzene	<0.0016		0.0016	0.00060	mg/Kg	✳	05/27/22 18:36	05/31/22 20:40	1
Chloroethane	<0.0041		0.0041	0.0012	mg/Kg	✳	05/27/22 18:36	05/31/22 20:40	1
Chloroform	<0.0016		0.0016	0.00056	mg/Kg	✳	05/27/22 18:36	05/31/22 20:40	1
Chloromethane	<0.0041		0.0041	0.0016	mg/Kg	✳	05/27/22 18:36	05/31/22 20:40	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00045	mg/Kg	✳	05/27/22 18:36	05/31/22 20:40	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00049	mg/Kg	✳	05/27/22 18:36	05/31/22 20:40	1
Dibromochloromethane	<0.0016		0.0016	0.00053	mg/Kg	✳	05/27/22 18:36	05/31/22 20:40	1
1,1-Dichloroethane	<0.0016		0.0016	0.00056	mg/Kg	✳	05/27/22 18:36	05/31/22 20:40	1
1,2-Dichloroethane	<0.0041		0.0041	0.0013	mg/Kg	✳	05/27/22 18:36	05/31/22 20:40	1
1,1-Dichloroethene	<0.0016		0.0016	0.00056	mg/Kg	✳	05/27/22 18:36	05/31/22 20:40	1
1,2-Dichloropropane	<0.0016		0.0016	0.00042	mg/Kg	✳	05/27/22 18:36	05/31/22 20:40	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00057	mg/Kg	✳	05/27/22 18:36	05/31/22 20:40	1
Ethylbenzene	<0.0016		0.0016	0.00078	mg/Kg	✳	05/27/22 18:36	05/31/22 20:40	1
2-Hexanone	<0.0041		0.0041	0.0013	mg/Kg	✳	05/27/22 18:36	05/31/22 20:40	1
Methylene Chloride	<0.0041		0.0041	0.0016	mg/Kg	✳	05/27/22 18:36	05/31/22 20:40	1
Methyl Ethyl Ketone	<0.0041		0.0041	0.0018	mg/Kg	✳	05/27/22 18:36	05/31/22 20:40	1
methyl isobutyl ketone	<0.0041		0.0041	0.0012	mg/Kg	✳	05/27/22 18:36	05/31/22 20:40	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00048	mg/Kg	✳	05/27/22 18:36	05/31/22 20:40	1
Styrene	<0.0016		0.0016	0.00049	mg/Kg	✳	05/27/22 18:36	05/31/22 20:40	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00052	mg/Kg	✳	05/27/22 18:36	05/31/22 20:40	1
Tetrachloroethene	<0.0016		0.0016	0.00055	mg/Kg	✳	05/27/22 18:36	05/31/22 20:40	1
Toluene	<0.0016		0.0016	0.00041	mg/Kg	✳	05/27/22 18:36	05/31/22 20:40	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00072	mg/Kg	✳	05/27/22 18:36	05/31/22 20:40	1
trans-1,3-Dichloropropene	<0.0016	+	0.0016	0.00057	mg/Kg	✳	05/27/22 18:36	05/31/22 20:40	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00055	mg/Kg	✳	05/27/22 18:36	05/31/22 20:40	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00070	mg/Kg	✳	05/27/22 18:36	05/31/22 20:40	1
<b>Trichloroethene</b>	<b>0.00077</b>	<b>J</b>	0.0016	0.00055	mg/Kg	✳	05/27/22 18:36	05/31/22 20:40	1
Vinyl chloride	<0.0016		0.0016	0.00072	mg/Kg	✳	05/27/22 18:36	05/31/22 20:40	1
Xylenes, Total	<0.0033		0.0033	0.00052	mg/Kg	✳	05/27/22 18:36	05/31/22 20:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		75 - 131	05/27/22 18:36	05/31/22 20:40	1
Dibromofluoromethane (Surr)	110		75 - 126	05/27/22 18:36	05/31/22 20:40	1
1,2-Dichloroethane-d4 (Surr)	110		70 - 134	05/27/22 18:36	05/31/22 20:40	1
Toluene-d8 (Surr)	114		75 - 124	05/27/22 18:36	05/31/22 20:40	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.28		0.28	0.059	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
1,2-Dichlorobenzene	<0.28		0.28	0.066	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
1,3-Dichlorobenzene	<0.28		0.28	0.062	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
1,4-Dichlorobenzene	<0.28		0.28	0.071	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
2,2'-oxybis[1-chloropropane]	<0.28		0.28	0.064	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217251-1

**Client Sample ID: ROW-152(0-4)-052522**

**Lab Sample ID: 500-217251-4**

**Date Collected: 05/25/22 23:40**

**Matrix: Solid**

**Date Received: 05/26/22 17:45**

**Percent Solids: 86.9**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.55		0.55	0.13	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
2,4,6-Trichlorophenol	<0.55		0.55	0.19	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
2,4-Dichlorophenol	<0.55		0.55	0.13	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
2,4-Dimethylphenol	<0.55		0.55	0.21	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
2,4-Dinitrophenol	<1.1		1.1	0.97	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
2,4-Dinitrotoluene	<0.28		0.28	0.088	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
2,6-Dinitrotoluene	<0.28		0.28	0.11	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
2-Chloronaphthalene	<0.28		0.28	0.061	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
2-Chlorophenol	<0.28		0.28	0.094	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
2-Methylnaphthalene	<0.11		0.11	0.010	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
2-Methylphenol	<0.28		0.28	0.088	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
2-Nitroaniline	<0.28		0.28	0.074	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
2-Nitrophenol	<0.55		0.55	0.13	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
3 & 4 Methylphenol	<0.28		0.28	0.092	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
3,3'-Dichlorobenzidine	<0.28		0.28	0.077	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
3-Nitroaniline	<0.55		0.55	0.17	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
4,6-Dinitro-2-methylphenol	<1.1		1.1	0.44	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
4-Bromophenyl phenyl ether	<0.28		0.28	0.073	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
4-Chloro-3-methylphenol	<0.55		0.55	0.19	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
4-Chloroaniline	<1.1		1.1	0.26	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
4-Chlorophenyl phenyl ether	<0.28		0.28	0.064	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
4-Nitroaniline	<0.55		0.55	0.23	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
4-Nitrophenol	<1.1		1.1	0.52	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
Acenaphthene	<0.055		0.055	0.0099	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
Acenaphthylene	<0.055		0.055	0.0073	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
Anthracene	<0.055		0.055	0.0092	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
<b>Benzo[a]anthracene</b>	<b>0.0097</b>	<b>J</b>	0.055	0.0074	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
<b>Benzo[a]pyrene</b>	<b>0.015</b>	<b>J</b>	0.055	0.011	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
<b>Benzo[b]fluoranthene</b>	<b>0.022</b>	<b>J</b>	0.055	0.012	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
Benzo[g,h,i]perylene	<0.055		0.055	0.018	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
Benzo[k]fluoranthene	<0.055		0.055	0.016	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
Bis(2-chloroethoxy)methane	<0.28		0.28	0.056	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
Bis(2-chloroethyl)ether	<0.28		0.28	0.083	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
Bis(2-ethylhexyl) phthalate	<0.28		0.28	0.10	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
Butyl benzyl phthalate	<0.28		0.28	0.10	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
Carbazole	<0.28		0.28	0.14	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
Chrysene	<0.055		0.055	0.015	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
Dibenz(a,h)anthracene	<0.055		0.055	0.011	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
Dibenzofuran	<0.28		0.28	0.065	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
Diethyl phthalate	<0.28		0.28	0.093	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
Dimethyl phthalate	<0.28		0.28	0.072	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
Di-n-butyl phthalate	<0.28		0.28	0.084	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
Di-n-octyl phthalate	<0.28		0.28	0.090	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
<b>Fluoranthene</b>	<b>0.025</b>	<b>J</b>	0.055	0.010	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
<b>Fluorene</b>	<b>0.0090</b>	<b>J</b>	0.055	0.0077	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
Hexachlorobenzene	<0.11		0.11	0.013	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
Hexachlorobutadiene	<0.28		0.28	0.087	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
Hexachlorocyclopentadiene	<1.1	*	1.1	0.32	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1
Hexachloroethane	<0.28		0.28	0.084	mg/Kg	✳	06/07/22 08:52	06/09/22 10:20	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217251-1

**Client Sample ID: ROW-152(0-4)-052522**

**Lab Sample ID: 500-217251-4**

**Date Collected: 05/25/22 23:40**

**Matrix: Solid**

**Date Received: 05/26/22 17:45**

**Percent Solids: 86.9**

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.055		0.055	0.014	mg/Kg	☼	06/07/22 08:52	06/09/22 10:20	1
Isophorone	<0.28		0.28	0.062	mg/Kg	☼	06/07/22 08:52	06/09/22 10:20	1
Naphthalene	<0.055		0.055	0.0085	mg/Kg	☼	06/07/22 08:52	06/09/22 10:20	1
Nitrobenzene	<0.055		0.055	0.014	mg/Kg	☼	06/07/22 08:52	06/09/22 10:20	1
N-Nitrosodi-n-propylamine	<0.11		0.11	0.067	mg/Kg	☼	06/07/22 08:52	06/09/22 10:20	1
N-Nitrosodiphenylamine	<0.28		0.28	0.065	mg/Kg	☼	06/07/22 08:52	06/09/22 10:20	1
Pentachlorophenol	<1.1		1.1	0.88	mg/Kg	☼	06/07/22 08:52	06/09/22 10:20	1
<b>Phenanthrene</b>	<b>0.023</b>	<b>J</b>	0.055	0.0077	mg/Kg	☼	06/07/22 08:52	06/09/22 10:20	1
Phenol	<0.28		0.28	0.12	mg/Kg	☼	06/07/22 08:52	06/09/22 10:20	1
<b>Pyrene</b>	<b>0.032</b>	<b>J</b>	0.055	0.011	mg/Kg	☼	06/07/22 08:52	06/09/22 10:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	67		31 - 143				06/07/22 08:52	06/09/22 10:20	1
2-Fluorobiphenyl (Surr)	78		43 - 145				06/07/22 08:52	06/09/22 10:20	1
2-Fluorophenol (Surr)	83		31 - 166				06/07/22 08:52	06/09/22 10:20	1
Nitrobenzene-d5 (Surr)	88		37 - 147				06/07/22 08:52	06/09/22 10:20	1
Phenol-d5 (Surr)	82		30 - 153				06/07/22 08:52	06/09/22 10:20	1
Terphenyl-d14 (Surr)	86		42 - 157				06/07/22 08:52	06/09/22 10:20	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.011</b>	<b>J</b>	0.050	0.010	mg/L		06/06/22 07:58	06/06/22 18:14	1
<b>Barium</b>	<b>0.43</b>	<b>J</b>	0.50	0.050	mg/L		06/06/22 07:58	06/06/22 18:14	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/06/22 07:58	06/06/22 18:14	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/06/22 07:58	06/06/22 18:14	1
Chromium	<0.025		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:14	1
<b>Cobalt</b>	<b>0.031</b>		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:14	1
Copper	<0.025		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:14	1
Iron	<0.40		0.40	0.20	mg/L		06/06/22 07:58	06/06/22 18:14	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/06/22 07:58	06/06/22 18:14	1
<b>Manganese</b>	<b>3.9</b>		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:14	1
<b>Nickel</b>	<b>0.033</b>		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:14	1
Selenium	<0.050		0.050	0.020	mg/L		06/06/22 07:58	06/06/22 18:14	1
Silver	<0.025		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:14	1
<b>Zinc</b>	<b>0.11</b>	<b>J</b>	0.50	0.020	mg/L		06/06/22 07:58	06/06/22 18:14	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.059</b>		0.050	0.010	mg/L		06/06/22 08:01	06/06/22 21:29	1
<b>Barium</b>	<b>0.28</b>	<b>J</b>	0.50	0.050	mg/L		06/06/22 08:01	06/06/22 21:29	1
<b>Beryllium</b>	<b>0.0041</b>		0.0040	0.0040	mg/L		06/06/22 08:01	06/06/22 21:29	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/06/22 08:01	06/06/22 21:29	1
<b>Chromium</b>	<b>0.076</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:29	1
<b>Cobalt</b>	<b>0.036</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:29	1
<b>Copper</b>	<b>0.12</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:29	1
<b>Iron</b>	<b>100</b>		0.40	0.20	mg/L		06/06/22 08:01	06/06/22 21:29	1
<b>Lead</b>	<b>0.062</b>		0.0075	0.0075	mg/L		06/06/22 08:01	06/06/22 21:29	1
<b>Manganese</b>	<b>0.97</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:29	1
<b>Nickel</b>	<b>0.10</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:29	1
Selenium	<0.050		0.050	0.020	mg/L		06/06/22 08:01	06/06/22 21:29	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217251-1

**Client Sample ID: ROW-152(0-4)-052522**

**Lab Sample ID: 500-217251-4**

Date Collected: 05/25/22 23:40

Matrix: Solid

Date Received: 05/26/22 17:45

Percent Solids: 86.9

### Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:29	1
Zinc	0.31	J	0.50	0.020	mg/L		06/06/22 08:01	06/06/22 21:29	1

### Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6300		11	4.4	mg/Kg	☆	06/06/22 09:04	06/06/22 18:57	1
Antimony	0.31	J B	1.1	0.21	mg/Kg	☆	06/06/22 09:04	06/06/22 18:57	1
Arsenic	7.8		0.54	0.18	mg/Kg	☆	06/06/22 09:04	06/06/22 18:57	1
Barium	40		1.1	0.12	mg/Kg	☆	06/06/22 09:04	06/07/22 10:47	2
Beryllium	0.55		0.22	0.050	mg/Kg	☆	06/06/22 09:04	06/06/22 18:57	1
Cadmium	0.24	B	0.11	0.019	mg/Kg	☆	06/06/22 09:04	06/06/22 18:57	1
Calcium	100000		54	9.1	mg/Kg	☆	06/06/22 09:04	06/07/22 10:51	5
Chromium	8.6		0.54	0.27	mg/Kg	☆	06/06/22 09:04	06/06/22 18:57	1
Cobalt	10		0.27	0.071	mg/Kg	☆	06/06/22 09:04	06/06/22 18:57	1
Copper	19		0.54	0.15	mg/Kg	☆	06/06/22 09:04	06/06/22 18:57	1
Iron	17000		22	11	mg/Kg	☆	06/06/22 09:04	06/07/22 10:47	2
Lead	13		0.27	0.12	mg/Kg	☆	06/06/22 09:04	06/06/22 18:57	1
Magnesium	50000		11	5.3	mg/Kg	☆	06/06/22 09:04	06/07/22 10:47	2
Manganese	450		0.54	0.078	mg/Kg	☆	06/06/22 09:04	06/06/22 18:57	1
Nickel	24		0.54	0.16	mg/Kg	☆	06/06/22 09:04	06/06/22 18:57	1
Potassium	1200		27	9.5	mg/Kg	☆	06/06/22 09:04	06/06/22 18:57	1
Selenium	<0.54		0.54	0.32	mg/Kg	☆	06/06/22 09:04	06/06/22 18:57	1
Silver	0.14	J	0.27	0.070	mg/Kg	☆	06/06/22 09:04	06/06/22 18:57	1
Sodium	590		54	8.0	mg/Kg	☆	06/06/22 09:04	06/06/22 18:57	1
Thallium	<0.54		0.54	0.27	mg/Kg	☆	06/06/22 09:04	06/06/22 18:57	1
Vanadium	13		0.27	0.064	mg/Kg	☆	06/06/22 09:04	06/06/22 18:57	1
Zinc	54		1.1	0.47	mg/Kg	☆	06/06/22 09:04	06/06/22 18:57	1

### Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/22 13:15	06/06/22 11:04	1

### Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/22 13:15	06/06/22 13:09	1

### Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.027		0.019	0.0063	mg/Kg	☆	06/03/22 16:35	06/06/22 08:55	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.6		0.2	0.2	SU			06/01/22 16:56	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217251-1

**Client Sample ID: ROW-152(0-4)-052522D**

**Lab Sample ID: 500-217251-5**

**Date Collected: 05/25/22 23:40**

**Matrix: Solid**

**Date Received: 05/26/22 17:45**

**Percent Solids: 89.4**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0072	mg/Kg	☼	05/27/22 18:36	05/31/22 21:05	1
Benzene	<0.0017		0.0017	0.00042	mg/Kg	☼	05/27/22 18:36	05/31/22 21:05	1
Bromodichloromethane	<0.0017		0.0017	0.00034	mg/Kg	☼	05/27/22 18:36	05/31/22 21:05	1
Bromoform	<0.0017		0.0017	0.00048	mg/Kg	☼	05/27/22 18:36	05/31/22 21:05	1
Bromomethane	<0.0041		0.0041	0.0016	mg/Kg	☼	05/27/22 18:36	05/31/22 21:05	1
Carbon disulfide	<0.0041		0.0041	0.00086	mg/Kg	☼	05/27/22 18:36	05/31/22 21:05	1
Carbon tetrachloride	<0.0017		0.0017	0.00048	mg/Kg	☼	05/27/22 18:36	05/31/22 21:05	1
Chlorobenzene	<0.0017		0.0017	0.00061	mg/Kg	☼	05/27/22 18:36	05/31/22 21:05	1
Chloroethane	<0.0041		0.0041	0.0012	mg/Kg	☼	05/27/22 18:36	05/31/22 21:05	1
Chloroform	<0.0017		0.0017	0.00057	mg/Kg	☼	05/27/22 18:36	05/31/22 21:05	1
Chloromethane	<0.0041		0.0041	0.0017	mg/Kg	☼	05/27/22 18:36	05/31/22 21:05	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00046	mg/Kg	☼	05/27/22 18:36	05/31/22 21:05	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00050	mg/Kg	☼	05/27/22 18:36	05/31/22 21:05	1
Dibromochloromethane	<0.0017		0.0017	0.00054	mg/Kg	☼	05/27/22 18:36	05/31/22 21:05	1
1,1-Dichloroethane	<0.0017		0.0017	0.00057	mg/Kg	☼	05/27/22 18:36	05/31/22 21:05	1
1,2-Dichloroethane	<0.0041		0.0041	0.0013	mg/Kg	☼	05/27/22 18:36	05/31/22 21:05	1
1,1-Dichloroethene	<0.0017		0.0017	0.00057	mg/Kg	☼	05/27/22 18:36	05/31/22 21:05	1
1,2-Dichloropropane	<0.0017		0.0017	0.00043	mg/Kg	☼	05/27/22 18:36	05/31/22 21:05	1
1,3-Dichloropropane, Total	<0.0017		0.0017	0.00058	mg/Kg	☼	05/27/22 18:36	05/31/22 21:05	1
Ethylbenzene	<0.0017		0.0017	0.00079	mg/Kg	☼	05/27/22 18:36	05/31/22 21:05	1
2-Hexanone	<0.0041		0.0041	0.0013	mg/Kg	☼	05/27/22 18:36	05/31/22 21:05	1
Methylene Chloride	<0.0041		0.0041	0.0016	mg/Kg	☼	05/27/22 18:36	05/31/22 21:05	1
Methyl Ethyl Ketone	<0.0041		0.0041	0.0018	mg/Kg	☼	05/27/22 18:36	05/31/22 21:05	1
methyl isobutyl ketone	<0.0041		0.0041	0.0012	mg/Kg	☼	05/27/22 18:36	05/31/22 21:05	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00048	mg/Kg	☼	05/27/22 18:36	05/31/22 21:05	1
Styrene	<0.0017		0.0017	0.00050	mg/Kg	☼	05/27/22 18:36	05/31/22 21:05	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00053	mg/Kg	☼	05/27/22 18:36	05/31/22 21:05	1
Tetrachloroethene	<0.0017		0.0017	0.00056	mg/Kg	☼	05/27/22 18:36	05/31/22 21:05	1
Toluene	<0.0017		0.0017	0.00042	mg/Kg	☼	05/27/22 18:36	05/31/22 21:05	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00073	mg/Kg	☼	05/27/22 18:36	05/31/22 21:05	1
trans-1,3-Dichloropropene	<0.0017	+	0.0017	0.00058	mg/Kg	☼	05/27/22 18:36	05/31/22 21:05	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00055	mg/Kg	☼	05/27/22 18:36	05/31/22 21:05	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00071	mg/Kg	☼	05/27/22 18:36	05/31/22 21:05	1
Trichloroethene	<0.0017		0.0017	0.00056	mg/Kg	☼	05/27/22 18:36	05/31/22 21:05	1
Vinyl chloride	<0.0017		0.0017	0.00073	mg/Kg	☼	05/27/22 18:36	05/31/22 21:05	1
Xylenes, Total	<0.0033		0.0033	0.00053	mg/Kg	☼	05/27/22 18:36	05/31/22 21:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		75 - 131	05/27/22 18:36	05/31/22 21:05	1
Dibromofluoromethane (Surr)	107		75 - 126	05/27/22 18:36	05/31/22 21:05	1
1,2-Dichloroethane-d4 (Surr)	108		70 - 134	05/27/22 18:36	05/31/22 21:05	1
Toluene-d8 (Surr)	120		75 - 124	05/27/22 18:36	05/31/22 21:05	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.26		0.26	0.055	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
1,2-Dichlorobenzene	<0.26		0.26	0.061	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
1,3-Dichlorobenzene	<0.26		0.26	0.058	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
1,4-Dichlorobenzene	<0.26		0.26	0.066	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
2,2'-oxybis[1-chloropropane]	<0.26		0.26	0.059	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217251-1

**Client Sample ID: ROW-152(0-4)-052522D**

**Lab Sample ID: 500-217251-5**

**Date Collected: 05/25/22 23:40**

**Matrix: Solid**

**Date Received: 05/26/22 17:45**

**Percent Solids: 89.4**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.51		0.51	0.12	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
2,4,6-Trichlorophenol	<0.51		0.51	0.18	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
2,4-Dichlorophenol	<0.51		0.51	0.12	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
2,4-Dimethylphenol	<0.51		0.51	0.19	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
2,4-Dinitrophenol	<1.0		1.0	0.90	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
2,4-Dinitrotoluene	<0.26		0.26	0.081	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
2,6-Dinitrotoluene	<0.26		0.26	0.10	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
2-Chloronaphthalene	<0.26		0.26	0.057	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
2-Chlorophenol	<0.26		0.26	0.087	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
2-Methylnaphthalene	<0.10		0.10	0.0094	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
2-Methylphenol	<0.26		0.26	0.082	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
2-Nitroaniline	<0.26		0.26	0.069	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
2-Nitrophenol	<0.51		0.51	0.12	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
3 & 4 Methylphenol	<0.26		0.26	0.085	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
3,3'-Dichlorobenzidine	<0.26		0.26	0.072	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
3-Nitroaniline	<0.51		0.51	0.16	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
4,6-Dinitro-2-methylphenol	<1.0		1.0	0.41	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
4-Bromophenyl phenyl ether	<0.26		0.26	0.067	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
4-Chloro-3-methylphenol	<0.51		0.51	0.17	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
4-Chloroaniline	<1.0		1.0	0.24	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
4-Chlorophenyl phenyl ether	<0.26		0.26	0.060	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
4-Nitroaniline	<0.51		0.51	0.21	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
4-Nitrophenol	<1.0		1.0	0.49	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
Acenaphthene	<0.051		0.051	0.0092	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
Acenaphthylene	<0.051		0.051	0.0067	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
Anthracene	<0.051		0.051	0.0085	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
Benzo[a]anthracene	<0.051		0.051	0.0069	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
Benzo[a]pyrene	<0.051		0.051	0.0099	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
Benzo[b]fluoranthene	<0.051		0.051	0.011	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
Benzo[g,h,i]perylene	<0.051		0.051	0.016	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
Benzo[k]fluoranthene	<0.051		0.051	0.015	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
Bis(2-chloroethoxy)methane	<0.26		0.26	0.052	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
Bis(2-chloroethyl)ether	<0.26		0.26	0.077	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
Bis(2-ethylhexyl) phthalate	<0.26		0.26	0.093	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
Butyl benzyl phthalate	<0.26		0.26	0.097	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
Carbazole	<0.26		0.26	0.13	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
Chrysene	<0.051		0.051	0.014	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
Dibenz(a,h)anthracene	<0.051		0.051	0.0099	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
Dibenzofuran	<0.26		0.26	0.060	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
Diethyl phthalate	<0.26		0.26	0.087	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
Dimethyl phthalate	<0.26		0.26	0.067	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
Di-n-butyl phthalate	<0.26		0.26	0.078	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
Di-n-octyl phthalate	<0.26		0.26	0.083	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
Fluoranthene	<0.051		0.051	0.0095	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
Fluorene	<0.051		0.051	0.0072	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
Hexachlorobenzene	<0.10		0.10	0.012	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
Hexachlorobutadiene	<0.26		0.26	0.080	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
Hexachlorocyclopentadiene	<1.0	*	1.0	0.29	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
Hexachloroethane	<0.26		0.26	0.078	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217251-1

**Client Sample ID: ROW-152(0-4)-052522D**

**Lab Sample ID: 500-217251-5**

**Date Collected: 05/25/22 23:40**

**Matrix: Solid**

**Date Received: 05/26/22 17:45**

**Percent Solids: 89.4**

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.051		0.051	0.013	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
Isophorone	<0.26		0.26	0.057	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
Naphthalene	<0.051		0.051	0.0079	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
Nitrobenzene	<0.051		0.051	0.013	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
N-Nitrosodi-n-propylamine	<0.10		0.10	0.063	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
N-Nitrosodiphenylamine	<0.26		0.26	0.060	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
Pentachlorophenol	<1.0		1.0	0.82	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
<b>Phenanthrene</b>	<b>0.0094</b>	<b>J</b>	0.051	0.0071	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
Phenol	<0.26		0.26	0.11	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
<b>Pyrene</b>	<b>0.015</b>	<b>J</b>	0.051	0.010	mg/Kg	☼	06/07/22 08:52	06/09/22 10:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	67		31 - 143				06/07/22 08:52	06/09/22 10:40	1
2-Fluorobiphenyl (Surr)	76		43 - 145				06/07/22 08:52	06/09/22 10:40	1
2-Fluorophenol (Surr)	76		31 - 166				06/07/22 08:52	06/09/22 10:40	1
Nitrobenzene-d5 (Surr)	80		37 - 147				06/07/22 08:52	06/09/22 10:40	1
Phenol-d5 (Surr)	79		30 - 153				06/07/22 08:52	06/09/22 10:40	1
Terphenyl-d14 (Surr)	87		42 - 157				06/07/22 08:52	06/09/22 10:40	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/06/22 07:58	06/06/22 18:18	1
<b>Barium</b>	<b>0.53</b>		0.50	0.050	mg/L		06/06/22 07:58	06/06/22 18:18	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/06/22 07:58	06/06/22 18:18	1
<b>Cadmium</b>	<b>0.0020</b>	<b>J</b>	0.0050	0.0020	mg/L		06/06/22 07:58	06/06/22 18:18	1
Chromium	<0.025		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:18	1
<b>Cobalt</b>	<b>0.023</b>	<b>J</b>	0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:18	1
Copper	<0.025		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:18	1
Iron	<0.40		0.40	0.20	mg/L		06/06/22 07:58	06/06/22 18:18	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/06/22 07:58	06/06/22 18:18	1
<b>Manganese</b>	<b>4.9</b>		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:18	1
<b>Nickel</b>	<b>0.028</b>		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:18	1
Selenium	<0.050		0.050	0.020	mg/L		06/06/22 07:58	06/06/22 18:18	1
Silver	<0.025		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:18	1
Zinc	<0.50		0.50	0.020	mg/L		06/06/22 07:58	06/06/22 18:18	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.036</b>	<b>J</b>	0.050	0.010	mg/L		06/06/22 08:01	06/06/22 21:32	1
<b>Barium</b>	<b>0.29</b>	<b>J</b>	0.50	0.050	mg/L		06/06/22 08:01	06/06/22 21:32	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/06/22 08:01	06/06/22 21:32	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/06/22 08:01	06/06/22 21:32	1
<b>Chromium</b>	<b>0.076</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:32	1
<b>Cobalt</b>	<b>0.026</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:32	1
<b>Copper</b>	<b>0.093</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:32	1
<b>Iron</b>	<b>79</b>		0.40	0.20	mg/L		06/06/22 08:01	06/06/22 21:32	1
<b>Lead</b>	<b>0.033</b>		0.0075	0.0075	mg/L		06/06/22 08:01	06/06/22 21:32	1
<b>Manganese</b>	<b>0.78</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:32	1
<b>Nickel</b>	<b>0.080</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:32	1
Selenium	<0.050		0.050	0.020	mg/L		06/06/22 08:01	06/06/22 21:32	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217251-1

**Client Sample ID: ROW-152(0-4)-052522D**

**Lab Sample ID: 500-217251-5**

Date Collected: 05/25/22 23:40

Matrix: Solid

Date Received: 05/26/22 17:45

Percent Solids: 89.4

### Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:32	1
<b>Zinc</b>	<b>0.24</b>	<b>J</b>	0.50	0.020	mg/L		06/06/22 08:01	06/06/22 21:32	1

### Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>5700</b>		11	4.4	mg/Kg	☆	06/06/22 09:04	06/06/22 19:06	1
<b>Antimony</b>	<b>0.26</b>	<b>J B</b>	1.1	0.21	mg/Kg	☆	06/06/22 09:04	06/06/22 19:06	1
<b>Arsenic</b>	<b>7.5</b>		0.54	0.18	mg/Kg	☆	06/06/22 09:04	06/06/22 19:06	1
<b>Barium</b>	<b>35</b>		1.1	0.12	mg/Kg	☆	06/06/22 09:04	06/07/22 10:54	2
<b>Beryllium</b>	<b>0.49</b>		0.22	0.050	mg/Kg	☆	06/06/22 09:04	06/06/22 19:06	1
<b>Cadmium</b>	<b>0.17</b>	<b>B</b>	0.11	0.019	mg/Kg	☆	06/06/22 09:04	06/06/22 19:06	1
<b>Calcium</b>	<b>91000</b>		54	9.1	mg/Kg	☆	06/06/22 09:04	06/07/22 10:57	5
<b>Chromium</b>	<b>7.5</b>		0.54	0.27	mg/Kg	☆	06/06/22 09:04	06/06/22 19:06	1
<b>Cobalt</b>	<b>8.5</b>		0.27	0.071	mg/Kg	☆	06/06/22 09:04	06/06/22 19:06	1
<b>Copper</b>	<b>18</b>		0.54	0.15	mg/Kg	☆	06/06/22 09:04	06/06/22 19:06	1
<b>Iron</b>	<b>16000</b>		22	11	mg/Kg	☆	06/06/22 09:04	06/07/22 10:54	2
<b>Lead</b>	<b>12</b>		0.27	0.12	mg/Kg	☆	06/06/22 09:04	06/06/22 19:06	1
<b>Magnesium</b>	<b>47000</b>		11	5.3	mg/Kg	☆	06/06/22 09:04	06/07/22 10:54	2
<b>Manganese</b>	<b>360</b>		0.54	0.078	mg/Kg	☆	06/06/22 09:04	06/06/22 19:06	1
<b>Nickel</b>	<b>18</b>		0.54	0.16	mg/Kg	☆	06/06/22 09:04	06/06/22 19:06	1
<b>Potassium</b>	<b>850</b>		27	9.5	mg/Kg	☆	06/06/22 09:04	06/06/22 19:06	1
Selenium	<0.54		0.54	0.32	mg/Kg	☆	06/06/22 09:04	06/06/22 19:06	1
<b>Silver</b>	<b>0.18</b>	<b>J</b>	0.27	0.069	mg/Kg	☆	06/06/22 09:04	06/06/22 19:06	1
<b>Sodium</b>	<b>580</b>		54	8.0	mg/Kg	☆	06/06/22 09:04	06/06/22 19:06	1
Thallium	<0.54		0.54	0.27	mg/Kg	☆	06/06/22 09:04	06/06/22 19:06	1
<b>Vanadium</b>	<b>13</b>		0.27	0.064	mg/Kg	☆	06/06/22 09:04	06/06/22 19:06	1
<b>Zinc</b>	<b>55</b>		1.1	0.47	mg/Kg	☆	06/06/22 09:04	06/06/22 19:06	1

### Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/22 13:15	06/06/22 11:19	1

### Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/22 13:15	06/06/22 13:11	1

### Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.025</b>		0.016	0.0054	mg/Kg	☆	06/03/22 16:35	06/06/22 08:57	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.6</b>		0.2	0.2	SU			06/01/22 16:58	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217251-1

**Client Sample ID: ROW-154(0-4)-052522**

**Lab Sample ID: 500-217251-6**

**Date Collected: 05/25/22 23:50**

**Matrix: Solid**

**Date Received: 05/26/22 17:45**

**Percent Solids: 88.4**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0070	mg/Kg	☼	05/27/22 18:36	05/31/22 21:30	1
Benzene	<0.0016		0.0016	0.00041	mg/Kg	☼	05/27/22 18:36	05/31/22 21:30	1
Bromodichloromethane	<0.0016		0.0016	0.00033	mg/Kg	☼	05/27/22 18:36	05/31/22 21:30	1
Bromoform	<0.0016		0.0016	0.00047	mg/Kg	☼	05/27/22 18:36	05/31/22 21:30	1
Bromomethane	<0.0040		0.0040	0.0015	mg/Kg	☼	05/27/22 18:36	05/31/22 21:30	1
Carbon disulfide	<0.0040		0.0040	0.00083	mg/Kg	☼	05/27/22 18:36	05/31/22 21:30	1
Carbon tetrachloride	<0.0016		0.0016	0.00046	mg/Kg	☼	05/27/22 18:36	05/31/22 21:30	1
Chlorobenzene	<0.0016		0.0016	0.00059	mg/Kg	☼	05/27/22 18:36	05/31/22 21:30	1
Chloroethane	<0.0040		0.0040	0.0012	mg/Kg	☼	05/27/22 18:36	05/31/22 21:30	1
Chloroform	<0.0016		0.0016	0.00055	mg/Kg	☼	05/27/22 18:36	05/31/22 21:30	1
Chloromethane	<0.0040		0.0040	0.0016	mg/Kg	☼	05/27/22 18:36	05/31/22 21:30	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00045	mg/Kg	☼	05/27/22 18:36	05/31/22 21:30	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00048	mg/Kg	☼	05/27/22 18:36	05/31/22 21:30	1
Dibromochloromethane	<0.0016		0.0016	0.00052	mg/Kg	☼	05/27/22 18:36	05/31/22 21:30	1
1,1-Dichloroethane	<0.0016		0.0016	0.00055	mg/Kg	☼	05/27/22 18:36	05/31/22 21:30	1
1,2-Dichloroethane	<0.0040		0.0040	0.0012	mg/Kg	☼	05/27/22 18:36	05/31/22 21:30	1
1,1-Dichloroethene	<0.0016		0.0016	0.00055	mg/Kg	☼	05/27/22 18:36	05/31/22 21:30	1
1,2-Dichloropropane	<0.0016		0.0016	0.00041	mg/Kg	☼	05/27/22 18:36	05/31/22 21:30	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00056	mg/Kg	☼	05/27/22 18:36	05/31/22 21:30	1
Ethylbenzene	<0.0016		0.0016	0.00077	mg/Kg	☼	05/27/22 18:36	05/31/22 21:30	1
2-Hexanone	<0.0040		0.0040	0.0012	mg/Kg	☼	05/27/22 18:36	05/31/22 21:30	1
Methylene Chloride	<0.0040		0.0040	0.0016	mg/Kg	☼	05/27/22 18:36	05/31/22 21:30	1
Methyl Ethyl Ketone	<0.0040		0.0040	0.0018	mg/Kg	☼	05/27/22 18:36	05/31/22 21:30	1
methyl isobutyl ketone	<0.0040		0.0040	0.0012	mg/Kg	☼	05/27/22 18:36	05/31/22 21:30	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00047	mg/Kg	☼	05/27/22 18:36	05/31/22 21:30	1
Styrene	<0.0016		0.0016	0.00048	mg/Kg	☼	05/27/22 18:36	05/31/22 21:30	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00051	mg/Kg	☼	05/27/22 18:36	05/31/22 21:30	1
Tetrachloroethene	<0.0016		0.0016	0.00054	mg/Kg	☼	05/27/22 18:36	05/31/22 21:30	1
Toluene	<0.0016		0.0016	0.00040	mg/Kg	☼	05/27/22 18:36	05/31/22 21:30	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00071	mg/Kg	☼	05/27/22 18:36	05/31/22 21:30	1
trans-1,3-Dichloropropene	<0.0016	+	0.0016	0.00056	mg/Kg	☼	05/27/22 18:36	05/31/22 21:30	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00054	mg/Kg	☼	05/27/22 18:36	05/31/22 21:30	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00069	mg/Kg	☼	05/27/22 18:36	05/31/22 21:30	1
Trichloroethene	<0.0016		0.0016	0.00054	mg/Kg	☼	05/27/22 18:36	05/31/22 21:30	1
Vinyl chloride	<0.0016		0.0016	0.00071	mg/Kg	☼	05/27/22 18:36	05/31/22 21:30	1
Xylenes, Total	<0.0032		0.0032	0.00051	mg/Kg	☼	05/27/22 18:36	05/31/22 21:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		75 - 131	05/27/22 18:36	05/31/22 21:30	1
Dibromofluoromethane (Surr)	112		75 - 126	05/27/22 18:36	05/31/22 21:30	1
1,2-Dichloroethane-d4 (Surr)	111		70 - 134	05/27/22 18:36	05/31/22 21:30	1
Toluene-d8 (Surr)	117		75 - 124	05/27/22 18:36	05/31/22 21:30	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	☼	06/07/22 08:52	06/09/22 11:01	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	☼	06/07/22 08:52	06/09/22 11:01	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	06/07/22 08:52	06/09/22 11:01	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	☼	06/07/22 08:52	06/09/22 11:01	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	☼	06/07/22 08:52	06/09/22 11:01	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217251-1

**Client Sample ID: ROW-154(0-4)-052522**

**Lab Sample ID: 500-217251-6**

**Date Collected: 05/25/22 23:50**

**Matrix: Solid**

**Date Received: 05/26/22 17:45**

**Percent Solids: 88.4**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.086	mg/Kg	✳	06/07/22 08:52	06/09/22 11:01	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	✳	06/07/22 08:52	06/09/22 11:01	1
2,4-Dichlorophenol	<0.37		0.37	0.089	mg/Kg	✳	06/07/22 08:52	06/09/22 11:01	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	✳	06/07/22 08:52	06/09/22 11:01	1
2,4-Dinitrophenol	<0.76		0.76	0.66	mg/Kg	✳	06/07/22 08:52	06/09/22 11:01	1
2,4-Dinitrotoluene	<0.19		0.19	0.060	mg/Kg	✳	06/07/22 08:52	06/09/22 11:01	1
2,6-Dinitrotoluene	<0.19		0.19	0.074	mg/Kg	✳	06/07/22 08:52	06/09/22 11:01	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	✳	06/07/22 08:52	06/09/22 11:01	1
2-Chlorophenol	<0.19		0.19	0.064	mg/Kg	✳	06/07/22 08:52	06/09/22 11:01	1
2-Methylnaphthalene	<0.076		0.076	0.0069	mg/Kg	✳	06/07/22 08:52	06/09/22 11:01	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	✳	06/07/22 08:52	06/09/22 11:01	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	✳	06/07/22 08:52	06/09/22 11:01	1
2-Nitrophenol	<0.37		0.37	0.089	mg/Kg	✳	06/07/22 08:52	06/09/22 11:01	1
3 & 4 Methylphenol	<0.19		0.19	0.063	mg/Kg	✳	06/07/22 08:52	06/09/22 11:01	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.053	mg/Kg	✳	06/07/22 08:52	06/09/22 11:01	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	✳	06/07/22 08:52	06/09/22 11:01	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.30	mg/Kg	✳	06/07/22 08:52	06/09/22 11:01	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	✳	06/07/22 08:52	06/09/22 11:01	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	✳	06/07/22 08:52	06/09/22 11:01	1
4-Chloroaniline	<0.76		0.76	0.18	mg/Kg	✳	06/07/22 08:52	06/09/22 11:01	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	✳	06/07/22 08:52	06/09/22 11:01	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	✳	06/07/22 08:52	06/09/22 11:01	1
4-Nitrophenol	<0.76		0.76	0.36	mg/Kg	✳	06/07/22 08:52	06/09/22 11:01	1
Acenaphthene	<0.037		0.037	0.0067	mg/Kg	✳	06/07/22 08:52	06/09/22 11:01	1
Acenaphthylene	<0.037		0.037	0.0050	mg/Kg	✳	06/07/22 08:52	06/09/22 11:01	1
Anthracene	<0.037		0.037	0.0063	mg/Kg	✳	06/07/22 08:52	06/09/22 11:01	1
Benzo[a]anthracene	<0.037		0.037	0.0051	mg/Kg	✳	06/07/22 08:52	06/09/22 11:01	1
Benzo[a]pyrene	<0.037		0.037	0.0073	mg/Kg	✳	06/07/22 08:52	06/09/22 11:01	1
Benzo[b]fluoranthene	<0.037		0.037	0.0081	mg/Kg	✳	06/07/22 08:52	06/09/22 11:01	1
<b>Benzo[g,h,i]perylene</b>	<b>0.018</b>	<b>J</b>	0.037	0.012	mg/Kg	✳	06/07/22 08:52	06/09/22 11:01	1
Benzo[k]fluoranthene	<0.037		0.037	0.011	mg/Kg	✳	06/07/22 08:52	06/09/22 11:01	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	✳	06/07/22 08:52	06/09/22 11:01	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	✳	06/07/22 08:52	06/09/22 11:01	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.069	mg/Kg	✳	06/07/22 08:52	06/09/22 11:01	1
Butyl benzyl phthalate	<0.19		0.19	0.071	mg/Kg	✳	06/07/22 08:52	06/09/22 11:01	1
Carbazole	<0.19		0.19	0.094	mg/Kg	✳	06/07/22 08:52	06/09/22 11:01	1
<b>Chrysene</b>	<b>0.025</b>	<b>J</b>	0.037	0.010	mg/Kg	✳	06/07/22 08:52	06/09/22 11:01	1
Dibenz(a,h)anthracene	<0.037		0.037	0.0073	mg/Kg	✳	06/07/22 08:52	06/09/22 11:01	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	✳	06/07/22 08:52	06/09/22 11:01	1
Diethyl phthalate	<0.19		0.19	0.064	mg/Kg	✳	06/07/22 08:52	06/09/22 11:01	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	✳	06/07/22 08:52	06/09/22 11:01	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	✳	06/07/22 08:52	06/09/22 11:01	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	✳	06/07/22 08:52	06/09/22 11:01	1
Fluoranthene	<0.037		0.037	0.0070	mg/Kg	✳	06/07/22 08:52	06/09/22 11:01	1
Fluorene	<0.037		0.037	0.0053	mg/Kg	✳	06/07/22 08:52	06/09/22 11:01	1
Hexachlorobenzene	<0.076		0.076	0.0087	mg/Kg	✳	06/07/22 08:52	06/09/22 11:01	1
Hexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	✳	06/07/22 08:52	06/09/22 11:01	1
Hexachlorocyclopentadiene	<0.76	*	0.76	0.22	mg/Kg	✳	06/07/22 08:52	06/09/22 11:01	1
Hexachloroethane	<0.19		0.19	0.057	mg/Kg	✳	06/07/22 08:52	06/09/22 11:01	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217251-1

**Client Sample ID: ROW-154(0-4)-052522**

**Lab Sample ID: 500-217251-6**

**Date Collected: 05/25/22 23:50**

**Matrix: Solid**

**Date Received: 05/26/22 17:45**

**Percent Solids: 88.4**

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.037		0.037	0.0097	mg/Kg	☼	06/07/22 08:52	06/09/22 11:01	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	06/07/22 08:52	06/09/22 11:01	1
<b>Naphthalene</b>	<b>0.0073</b>	<b>J</b>	0.037	0.0058	mg/Kg	☼	06/07/22 08:52	06/09/22 11:01	1
Nitrobenzene	<0.037		0.037	0.0094	mg/Kg	☼	06/07/22 08:52	06/09/22 11:01	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.046	mg/Kg	☼	06/07/22 08:52	06/09/22 11:01	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☼	06/07/22 08:52	06/09/22 11:01	1
Pentachlorophenol	<0.76		0.76	0.60	mg/Kg	☼	06/07/22 08:52	06/09/22 11:01	1
<b>Phenanthrene</b>	<b>0.042</b>		0.037	0.0052	mg/Kg	☼	06/07/22 08:52	06/09/22 11:01	1
Phenol	<0.19		0.19	0.083	mg/Kg	☼	06/07/22 08:52	06/09/22 11:01	1
<b>Pyrene</b>	<b>0.029</b>	<b>J</b>	0.037	0.0075	mg/Kg	☼	06/07/22 08:52	06/09/22 11:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	65		31 - 143	06/07/22 08:52	06/09/22 11:01	1
2-Fluorobiphenyl (Surr)	84		43 - 145	06/07/22 08:52	06/09/22 11:01	1
2-Fluorophenol (Surr)	79		31 - 166	06/07/22 08:52	06/09/22 11:01	1
Nitrobenzene-d5 (Surr)	90		37 - 147	06/07/22 08:52	06/09/22 11:01	1
Phenol-d5 (Surr)	79		30 - 153	06/07/22 08:52	06/09/22 11:01	1
Terphenyl-d14 (Surr)	86		42 - 157	06/07/22 08:52	06/09/22 11:01	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/06/22 07:58	06/06/22 19:04	1
<b>Barium</b>	<b>0.32</b>	<b>J</b>	0.50	0.050	mg/L		06/06/22 07:58	06/06/22 19:04	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/06/22 07:58	06/06/22 19:04	1
<b>Cadmium</b>	<b>0.0026</b>	<b>J</b>	0.0050	0.0020	mg/L		06/06/22 07:58	06/06/22 19:04	1
Chromium	<0.025		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 19:04	1
<b>Cobalt</b>	<b>0.076</b>		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 19:04	1
<b>Copper</b>	<b>0.018</b>	<b>J</b>	0.025	0.010	mg/L		06/06/22 07:58	06/06/22 19:04	1
Iron	<0.40		0.40	0.20	mg/L		06/06/22 07:58	06/06/22 19:04	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/06/22 07:58	06/07/22 10:46	1
<b>Manganese</b>	<b>4.5</b>		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 19:04	1
<b>Nickel</b>	<b>0.056</b>		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 19:04	1
Selenium	<0.050		0.050	0.020	mg/L		06/06/22 07:58	06/06/22 19:04	1
Silver	<0.025		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 19:04	1
<b>Zinc</b>	<b>0.057</b>	<b>J</b>	0.50	0.020	mg/L		06/06/22 07:58	06/06/22 19:04	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/06/22 08:01	06/06/22 21:45	1
Barium	<0.50		0.50	0.050	mg/L		06/06/22 08:01	06/06/22 21:45	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/06/22 08:01	06/06/22 21:45	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/06/22 08:01	06/06/22 21:45	1
<b>Chromium</b>	<b>0.010</b>	<b>J</b>	0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:45	1
Cobalt	<0.025		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:45	1
<b>Copper</b>	<b>0.011</b>	<b>J</b>	0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:45	1
<b>Iron</b>	<b>6.4</b>		0.40	0.20	mg/L		06/06/22 08:01	06/06/22 21:45	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/06/22 08:01	06/06/22 21:45	1
<b>Manganese</b>	<b>0.042</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:45	1
Nickel	<0.025		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:45	1
Selenium	<0.050		0.050	0.020	mg/L		06/06/22 08:01	06/06/22 21:45	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217251-1

**Client Sample ID: ROW-154(0-4)-052522**

**Lab Sample ID: 500-217251-6**

Date Collected: 05/25/22 23:50

Matrix: Solid

Date Received: 05/26/22 17:45

Percent Solids: 88.4

## Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:45	1
Zinc	<0.50		0.50	0.020	mg/L		06/06/22 08:01	06/06/22 21:45	1

## Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5900		11	4.5	mg/Kg	☆	06/06/22 09:04	06/06/22 19:09	1
Antimony	0.26	J B	1.1	0.21	mg/Kg	☆	06/06/22 09:04	06/06/22 19:09	1
Arsenic	8.6		0.55	0.19	mg/Kg	☆	06/06/22 09:04	06/06/22 19:09	1
Barium	21		1.1	0.12	mg/Kg	☆	06/06/22 09:04	06/07/22 11:00	2
Beryllium	0.52		0.22	0.051	mg/Kg	☆	06/06/22 09:04	06/06/22 19:09	1
Cadmium	0.16	B	0.11	0.020	mg/Kg	☆	06/06/22 09:04	06/06/22 19:09	1
Calcium	110000		55	9.3	mg/Kg	☆	06/06/22 09:04	06/07/22 11:03	5
Chromium	8.8		0.55	0.27	mg/Kg	☆	06/06/22 09:04	06/06/22 19:09	1
Cobalt	9.8		0.27	0.072	mg/Kg	☆	06/06/22 09:04	06/06/22 19:09	1
Copper	23		0.55	0.15	mg/Kg	☆	06/06/22 09:04	06/06/22 19:09	1
Iron	18000		22	11	mg/Kg	☆	06/06/22 09:04	06/07/22 11:00	2
Lead	13		0.27	0.13	mg/Kg	☆	06/06/22 09:04	06/06/22 19:09	1
Magnesium	51000		11	5.4	mg/Kg	☆	06/06/22 09:04	06/07/22 11:00	2
Manganese	370		0.55	0.079	mg/Kg	☆	06/06/22 09:04	06/06/22 19:09	1
Nickel	22		0.55	0.16	mg/Kg	☆	06/06/22 09:04	06/06/22 19:09	1
Potassium	1500		27	9.7	mg/Kg	☆	06/06/22 09:04	06/06/22 19:09	1
Selenium	<0.55		0.55	0.32	mg/Kg	☆	06/06/22 09:04	06/06/22 19:09	1
Silver	0.16	J	0.27	0.070	mg/Kg	☆	06/06/22 09:04	06/06/22 19:09	1
Sodium	440		55	8.1	mg/Kg	☆	06/06/22 09:04	06/06/22 19:09	1
Thallium	<0.55		0.55	0.27	mg/Kg	☆	06/06/22 09:04	06/06/22 19:09	1
Vanadium	12		0.27	0.064	mg/Kg	☆	06/06/22 09:04	06/06/22 19:09	1
Zinc	44		1.1	0.48	mg/Kg	☆	06/06/22 09:04	06/06/22 19:09	1

## Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/22 13:15	06/06/22 11:46	1

## Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/22 13:15	06/06/22 13:13	1

## Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.023		0.017	0.0056	mg/Kg	☆	06/03/22 16:35	06/06/22 08:58	1

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.1		0.2	0.2	SU			06/01/22 17:01	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217251-1

**Client Sample ID: ROW-154(4-9)-052522**

**Lab Sample ID: 500-217251-7**

**Date Collected: 05/25/22 23:55**

**Matrix: Solid**

**Date Received: 05/26/22 17:45**

**Percent Solids: 85.2**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0086	J	0.018	0.0076	mg/Kg	☼	05/27/22 18:36	05/31/22 21:54	1
Benzene	<0.0018		0.0018	0.00045	mg/Kg	☼	05/27/22 18:36	05/31/22 21:54	1
Bromodichloromethane	<0.0018		0.0018	0.00036	mg/Kg	☼	05/27/22 18:36	05/31/22 21:54	1
Bromoform	<0.0018		0.0018	0.00051	mg/Kg	☼	05/27/22 18:36	05/31/22 21:54	1
Bromomethane	<0.0044		0.0044	0.0017	mg/Kg	☼	05/27/22 18:36	05/31/22 21:54	1
Carbon disulfide	<0.0044		0.0044	0.00091	mg/Kg	☼	05/27/22 18:36	05/31/22 21:54	1
Carbon tetrachloride	<0.0018		0.0018	0.00051	mg/Kg	☼	05/27/22 18:36	05/31/22 21:54	1
Chlorobenzene	<0.0018		0.0018	0.00065	mg/Kg	☼	05/27/22 18:36	05/31/22 21:54	1
Chloroethane	<0.0044		0.0044	0.0013	mg/Kg	☼	05/27/22 18:36	05/31/22 21:54	1
Chloroform	<0.0018		0.0018	0.00061	mg/Kg	☼	05/27/22 18:36	05/31/22 21:54	1
Chloromethane	<0.0044		0.0044	0.0018	mg/Kg	☼	05/27/22 18:36	05/31/22 21:54	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00049	mg/Kg	☼	05/27/22 18:36	05/31/22 21:54	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00053	mg/Kg	☼	05/27/22 18:36	05/31/22 21:54	1
Dibromochloromethane	<0.0018		0.0018	0.00057	mg/Kg	☼	05/27/22 18:36	05/31/22 21:54	1
1,1-Dichloroethane	<0.0018		0.0018	0.00060	mg/Kg	☼	05/27/22 18:36	05/31/22 21:54	1
1,2-Dichloroethane	<0.0044		0.0044	0.0014	mg/Kg	☼	05/27/22 18:36	05/31/22 21:54	1
1,1-Dichloroethene	<0.0018		0.0018	0.00060	mg/Kg	☼	05/27/22 18:36	05/31/22 21:54	1
1,2-Dichloropropane	<0.0018		0.0018	0.00045	mg/Kg	☼	05/27/22 18:36	05/31/22 21:54	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00061	mg/Kg	☼	05/27/22 18:36	05/31/22 21:54	1
Ethylbenzene	<0.0018		0.0018	0.00084	mg/Kg	☼	05/27/22 18:36	05/31/22 21:54	1
2-Hexanone	<0.0044		0.0044	0.0014	mg/Kg	☼	05/27/22 18:36	05/31/22 21:54	1
Methylene Chloride	<0.0044		0.0044	0.0017	mg/Kg	☼	05/27/22 18:36	05/31/22 21:54	1
Methyl Ethyl Ketone	<0.0044		0.0044	0.0019	mg/Kg	☼	05/27/22 18:36	05/31/22 21:54	1
methyl isobutyl ketone	<0.0044		0.0044	0.0013	mg/Kg	☼	05/27/22 18:36	05/31/22 21:54	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00051	mg/Kg	☼	05/27/22 18:36	05/31/22 21:54	1
Styrene	<0.0018		0.0018	0.00053	mg/Kg	☼	05/27/22 18:36	05/31/22 21:54	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00056	mg/Kg	☼	05/27/22 18:36	05/31/22 21:54	1
Tetrachloroethene	<0.0018		0.0018	0.00060	mg/Kg	☼	05/27/22 18:36	05/31/22 21:54	1
Toluene	<0.0018		0.0018	0.00044	mg/Kg	☼	05/27/22 18:36	05/31/22 21:54	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00078	mg/Kg	☼	05/27/22 18:36	05/31/22 21:54	1
trans-1,3-Dichloropropene	<0.0018	+	0.0018	0.00061	mg/Kg	☼	05/27/22 18:36	05/31/22 21:54	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00059	mg/Kg	☼	05/27/22 18:36	05/31/22 21:54	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00075	mg/Kg	☼	05/27/22 18:36	05/31/22 21:54	1
Trichloroethene	<0.0018		0.0018	0.00059	mg/Kg	☼	05/27/22 18:36	05/31/22 21:54	1
Vinyl chloride	<0.0018		0.0018	0.00077	mg/Kg	☼	05/27/22 18:36	05/31/22 21:54	1
Xylenes, Total	<0.0035		0.0035	0.00056	mg/Kg	☼	05/27/22 18:36	05/31/22 21:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		75 - 131	05/27/22 18:36	05/31/22 21:54	1
Dibromofluoromethane (Surr)	111		75 - 126	05/27/22 18:36	05/31/22 21:54	1
1,2-Dichloroethane-d4 (Surr)	116		70 - 134	05/27/22 18:36	05/31/22 21:54	1
Toluene-d8 (Surr)	107		75 - 124	05/27/22 18:36	05/31/22 21:54	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
1,3-Dichlorobenzene	<0.19		0.19	0.044	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
1,4-Dichlorobenzene	<0.19		0.19	0.050	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.045	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217251-1

**Client Sample ID: ROW-154(4-9)-052522**

**Lab Sample ID: 500-217251-7**

**Date Collected: 05/25/22 23:55**

**Matrix: Solid**

**Date Received: 05/26/22 17:45**

**Percent Solids: 85.2**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.088	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
2,4-Dichlorophenol	<0.38		0.38	0.092	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
2,4-Dimethylphenol	<0.38		0.38	0.15	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
2,4-Dinitrophenol	<0.78		0.78	0.68	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
2,4-Dinitrotoluene	<0.19		0.19	0.061	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
2,6-Dinitrotoluene	<0.19		0.19	0.076	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
2-Chloronaphthalene	<0.19		0.19	0.043	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
2-Chlorophenol	<0.19		0.19	0.066	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
2-Methylnaphthalene	<0.078		0.078	0.0071	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
2-Methylphenol	<0.19		0.19	0.062	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
2-Nitroaniline	<0.19		0.19	0.052	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
2-Nitrophenol	<0.38		0.38	0.091	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
3 & 4 Methylphenol	<0.19		0.19	0.065	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.054	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
4,6-Dinitro-2-methylphenol	<0.78		0.78	0.31	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.051	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
4-Chloroaniline	<0.78		0.78	0.18	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
4-Nitrophenol	<0.78		0.78	0.37	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
<b>Acenaphthene</b>	<b>0.014</b>	<b>J</b>	0.038	0.0070	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
Acenaphthylene	<0.038		0.038	0.0051	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
Anthracene	<0.038		0.038	0.0065	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
Benzo[a]anthracene	<0.038		0.038	0.0052	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
Benzo[a]pyrene	<0.038		0.038	0.0075	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
Benzo[b]fluoranthene	<0.038		0.038	0.0083	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
<b>Benzo[g,h,i]perylene</b>	<b>0.021</b>	<b>J</b>	0.038	0.012	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
Benzo[k]fluoranthene	<0.038		0.038	0.011	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.058	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.071	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
Butyl benzyl phthalate	<0.19		0.19	0.074	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
Carbazole	<0.19		0.19	0.097	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
<b>Chrysene</b>	<b>0.027</b>	<b>J</b>	0.038	0.011	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
Dibenz(a,h)anthracene	<0.038		0.038	0.0075	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
Diethyl phthalate	<0.19		0.19	0.066	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
Dimethyl phthalate	<0.19		0.19	0.051	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
Di-n-butyl phthalate	<0.19		0.19	0.059	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
Di-n-octyl phthalate	<0.19		0.19	0.063	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
<b>Fluoranthene</b>	<b>0.0073</b>	<b>J</b>	0.038	0.0072	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
<b>Fluorene</b>	<b>0.011</b>	<b>J</b>	0.038	0.0054	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
Hexachlorobenzene	<0.078		0.078	0.0090	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
Hexachlorobutadiene	<0.19		0.19	0.061	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
Hexachlorocyclopentadiene	<0.78	*	0.78	0.22	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
Hexachloroethane	<0.19		0.19	0.059	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217251-1

**Client Sample ID: ROW-154(4-9)-052522**

**Lab Sample ID: 500-217251-7**

**Date Collected: 05/25/22 23:55**

**Matrix: Solid**

**Date Received: 05/26/22 17:45**

**Percent Solids: 85.2**

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.038		0.038	0.010	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
Naphthalene	<0.038		0.038	0.0059	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
Nitrobenzene	<0.038		0.038	0.0097	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
N-Nitrosodi-n-propylamine	<0.078		0.078	0.047	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
N-Nitrosodiphenylamine	<0.19		0.19	0.046	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
Pentachlorophenol	<0.78		0.78	0.62	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
<b>Phenanthrene</b>	<b>0.051</b>		0.038	0.0054	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
Phenol	<0.19		0.19	0.086	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1
<b>Pyrene</b>	<b>0.029</b>	<b>J</b>	0.038	0.0077	mg/Kg	☼	06/07/22 08:52	06/09/22 11:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	55		31 - 143	06/07/22 08:52	06/09/22 11:21	1
2-Fluorobiphenyl (Surr)	80		43 - 145	06/07/22 08:52	06/09/22 11:21	1
2-Fluorophenol (Surr)	72		31 - 166	06/07/22 08:52	06/09/22 11:21	1
Nitrobenzene-d5 (Surr)	83		37 - 147	06/07/22 08:52	06/09/22 11:21	1
Phenol-d5 (Surr)	74		30 - 153	06/07/22 08:52	06/09/22 11:21	1
Terphenyl-d14 (Surr)	87		42 - 157	06/07/22 08:52	06/09/22 11:21	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/06/22 07:58	06/06/22 18:21	1
<b>Barium</b>	<b>0.44</b>	<b>J</b>	0.50	0.050	mg/L		06/06/22 07:58	06/06/22 18:21	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/06/22 07:58	06/06/22 18:21	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/06/22 07:58	06/06/22 18:21	1
Chromium	<0.025		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:21	1
<b>Cobalt</b>	<b>0.025</b>		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:21	1
<b>Copper</b>	<b>0.011</b>	<b>J</b>	0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:21	1
Iron	<0.40		0.40	0.20	mg/L		06/06/22 07:58	06/06/22 18:21	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/06/22 07:58	06/06/22 18:21	1
<b>Manganese</b>	<b>2.0</b>		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:21	1
<b>Nickel</b>	<b>0.054</b>		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:21	1
Selenium	<0.050		0.050	0.020	mg/L		06/06/22 07:58	06/06/22 18:21	1
Silver	<0.025		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:21	1
Zinc	<0.50		0.50	0.020	mg/L		06/06/22 07:58	06/06/22 18:21	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/06/22 08:01	06/06/22 21:48	1
Barium	<0.50		0.50	0.050	mg/L		06/06/22 08:01	06/06/22 21:48	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/06/22 08:01	06/06/22 21:48	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/06/22 08:01	06/06/22 21:48	1
Chromium	<0.025		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:48	1
Cobalt	<0.025		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:48	1
Copper	<0.025		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:48	1
<b>Iron</b>	<b>2.5</b>		0.40	0.20	mg/L		06/06/22 08:01	06/06/22 21:48	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/06/22 08:01	06/06/22 21:48	1
<b>Manganese</b>	<b>0.025</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:48	1
Nickel	<0.025		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:48	1
Selenium	<0.050		0.050	0.020	mg/L		06/06/22 08:01	06/06/22 21:48	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217251-1

**Client Sample ID: ROW-154(4-9)-052522**

**Lab Sample ID: 500-217251-7**

Date Collected: 05/25/22 23:55

Matrix: Solid

Date Received: 05/26/22 17:45

Percent Solids: 85.2

## Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:48	1
Zinc	<0.50		0.50	0.020	mg/L		06/06/22 08:01	06/06/22 21:48	1

## Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8400		11	4.5	mg/Kg	☆	06/06/22 09:04	06/06/22 19:13	1
Antimony	0.24	J B	1.1	0.21	mg/Kg	☆	06/06/22 09:04	06/06/22 19:13	1
Arsenic	7.7		0.55	0.19	mg/Kg	☆	06/06/22 09:04	06/06/22 19:13	1
Barium	23		0.55	0.062	mg/Kg	☆	06/06/22 09:04	06/06/22 19:13	1
Beryllium	0.67		0.22	0.051	mg/Kg	☆	06/06/22 09:04	06/06/22 19:13	1
Cadmium	0.15	B	0.11	0.020	mg/Kg	☆	06/06/22 09:04	06/06/22 19:13	1
Calcium	94000		55	9.2	mg/Kg	☆	06/06/22 09:04	06/07/22 11:06	5
Chromium	12		0.55	0.27	mg/Kg	☆	06/06/22 09:04	06/06/22 19:13	1
Cobalt	13		0.27	0.071	mg/Kg	☆	06/06/22 09:04	06/06/22 19:13	1
Copper	24		0.55	0.15	mg/Kg	☆	06/06/22 09:04	06/06/22 19:13	1
Iron	18000		11	5.7	mg/Kg	☆	06/06/22 09:04	06/06/22 19:13	1
Lead	13		0.27	0.13	mg/Kg	☆	06/06/22 09:04	06/06/22 19:13	1
Magnesium	31000		5.5	2.7	mg/Kg	☆	06/06/22 09:04	06/06/22 19:13	1
Manganese	410		0.55	0.079	mg/Kg	☆	06/06/22 09:04	06/06/22 19:13	1
Nickel	29		0.55	0.16	mg/Kg	☆	06/06/22 09:04	06/06/22 19:13	1
Potassium	2100		27	9.7	mg/Kg	☆	06/06/22 09:04	06/06/22 19:13	1
Selenium	<0.55		0.55	0.32	mg/Kg	☆	06/06/22 09:04	06/06/22 19:13	1
Silver	0.19	J	0.27	0.070	mg/Kg	☆	06/06/22 09:04	06/06/22 19:13	1
Sodium	290		55	8.1	mg/Kg	☆	06/06/22 09:04	06/06/22 19:13	1
Thallium	<0.55		0.55	0.27	mg/Kg	☆	06/06/22 09:04	06/06/22 19:13	1
Vanadium	14		0.27	0.064	mg/Kg	☆	06/06/22 09:04	06/06/22 19:13	1
Zinc	48		1.1	0.48	mg/Kg	☆	06/06/22 09:04	06/06/22 19:13	1

## Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/22 13:15	06/06/22 11:21	1

## Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/22 13:15	06/06/22 13:15	1

## Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.024		0.018	0.0061	mg/Kg	☆	06/03/22 16:35	06/06/22 09:00	1

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.9		0.2	0.2	SU			06/01/22 17:03	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217251-1

**Client Sample ID: ROW-152(4-9)-052522**

**Lab Sample ID: 500-217251-8**

**Date Collected: 05/25/22 23:45**

**Matrix: Solid**

**Date Received: 05/26/22 17:45**

**Percent Solids: 87.0**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015		0.015	0.0066	mg/Kg	☼	05/27/22 18:36	06/03/22 18:12	1
Benzene	<0.0015		0.0015	0.00039	mg/Kg	☼	05/27/22 18:36	06/03/22 18:12	1
Bromodichloromethane	<0.0015		0.0015	0.00031	mg/Kg	☼	05/27/22 18:36	06/03/22 18:12	1
Bromoform	<0.0015		0.0015	0.00044	mg/Kg	☼	05/27/22 18:36	06/03/22 18:12	1
Bromomethane	<0.0038		0.0038	0.0014	mg/Kg	☼	05/27/22 18:36	06/03/22 18:12	1
Carbon disulfide	<0.0038		0.0038	0.00079	mg/Kg	☼	05/27/22 18:36	06/03/22 18:12	1
Carbon tetrachloride	<0.0015		0.0015	0.00044	mg/Kg	☼	05/27/22 18:36	06/03/22 18:12	1
Chlorobenzene	<0.0015		0.0015	0.00056	mg/Kg	☼	05/27/22 18:36	06/03/22 18:12	1
Chloroethane	<0.0038		0.0038	0.0011	mg/Kg	☼	05/27/22 18:36	06/03/22 18:12	1
Chloroform	<0.0015		0.0015	0.00052	mg/Kg	☼	05/27/22 18:36	06/03/22 18:12	1
Chloromethane	<0.0038		0.0038	0.0015	mg/Kg	☼	05/27/22 18:36	06/03/22 18:12	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00042	mg/Kg	☼	05/27/22 18:36	06/03/22 18:12	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00046	mg/Kg	☼	05/27/22 18:36	06/03/22 18:12	1
Dibromochloromethane	<0.0015		0.0015	0.00049	mg/Kg	☼	05/27/22 18:36	06/03/22 18:12	1
1,1-Dichloroethane	<0.0015		0.0015	0.00052	mg/Kg	☼	05/27/22 18:36	06/03/22 18:12	1
1,2-Dichloroethane	<0.0038		0.0038	0.0012	mg/Kg	☼	05/27/22 18:36	06/03/22 18:12	1
1,1-Dichloroethene	<0.0015		0.0015	0.00052	mg/Kg	☼	05/27/22 18:36	06/03/22 18:12	1
1,2-Dichloropropane	<0.0015		0.0015	0.00039	mg/Kg	☼	05/27/22 18:36	06/03/22 18:12	1
1,3-Dichloropropane, Total	<0.0015		0.0015	0.00053	mg/Kg	☼	05/27/22 18:36	06/03/22 18:12	1
Ethylbenzene	<0.0015		0.0015	0.00072	mg/Kg	☼	05/27/22 18:36	06/03/22 18:12	1
2-Hexanone	<0.0038		0.0038	0.0012	mg/Kg	☼	05/27/22 18:36	06/03/22 18:12	1
Methylene Chloride	<0.0038		0.0038	0.0015	mg/Kg	☼	05/27/22 18:36	06/03/22 18:12	1
Methyl Ethyl Ketone	<0.0038		0.0038	0.0017	mg/Kg	☼	05/27/22 18:36	06/03/22 18:12	1
methyl isobutyl ketone	<0.0038		0.0038	0.0011	mg/Kg	☼	05/27/22 18:36	06/03/22 18:12	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00044	mg/Kg	☼	05/27/22 18:36	06/03/22 18:12	1
Styrene	<0.0015		0.0015	0.00046	mg/Kg	☼	05/27/22 18:36	06/03/22 18:12	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00048	mg/Kg	☼	05/27/22 18:36	06/03/22 18:12	1
Tetrachloroethene	<0.0015		0.0015	0.00051	mg/Kg	☼	05/27/22 18:36	06/03/22 18:12	1
Toluene	<0.0015		0.0015	0.00038	mg/Kg	☼	05/27/22 18:36	06/03/22 18:12	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00067	mg/Kg	☼	05/27/22 18:36	06/03/22 18:12	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00053	mg/Kg	☼	05/27/22 18:36	06/03/22 18:12	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00051	mg/Kg	☼	05/27/22 18:36	06/03/22 18:12	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00065	mg/Kg	☼	05/27/22 18:36	06/03/22 18:12	1
Trichloroethene	<0.0015		0.0015	0.00051	mg/Kg	☼	05/27/22 18:36	06/03/22 18:12	1
Vinyl chloride	<0.0015		0.0015	0.00067	mg/Kg	☼	05/27/22 18:36	06/03/22 18:12	1
Xylenes, Total	<0.0030		0.0030	0.00048	mg/Kg	☼	05/27/22 18:36	06/03/22 18:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		75 - 131	05/27/22 18:36	06/03/22 18:12	1
Dibromofluoromethane (Surr)	98		75 - 126	05/27/22 18:36	06/03/22 18:12	1
1,2-Dichloroethane-d4 (Surr)	96		70 - 134	05/27/22 18:36	06/03/22 18:12	1
Toluene-d8 (Surr)	110		75 - 124	05/27/22 18:36	06/03/22 18:12	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	☼	06/08/22 07:03	06/09/22 01:59	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	☼	06/08/22 07:03	06/09/22 01:59	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	☼	06/08/22 07:03	06/09/22 01:59	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	☼	06/08/22 07:03	06/09/22 01:59	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	☼	06/08/22 07:03	06/09/22 01:59	1

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Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217251-1

**Client Sample ID: ROW-152(4-9)-052522**

**Lab Sample ID: 500-217251-8**

**Date Collected: 05/25/22 23:45**

**Matrix: Solid**

**Date Received: 05/26/22 17:45**

**Percent Solids: 87.0**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.086	mg/Kg	✳	06/08/22 07:03	06/09/22 01:59	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	✳	06/08/22 07:03	06/09/22 01:59	1
2,4-Dichlorophenol	<0.38		0.38	0.090	mg/Kg	✳	06/08/22 07:03	06/09/22 01:59	1
2,4-Dimethylphenol	<0.38		0.38	0.14	mg/Kg	✳	06/08/22 07:03	06/09/22 01:59	1
2,4-Dinitrophenol	<0.76		0.76	0.67	mg/Kg	✳	06/08/22 07:03	06/09/22 01:59	1
2,4-Dinitrotoluene	<0.19		0.19	0.060	mg/Kg	✳	06/08/22 07:03	06/09/22 01:59	1
2,6-Dinitrotoluene	<0.19		0.19	0.074	mg/Kg	✳	06/08/22 07:03	06/09/22 01:59	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	✳	06/08/22 07:03	06/09/22 01:59	1
2-Chlorophenol	<0.19		0.19	0.065	mg/Kg	✳	06/08/22 07:03	06/09/22 01:59	1
2-Methylnaphthalene	<0.076		0.076	0.0070	mg/Kg	✳	06/08/22 07:03	06/09/22 01:59	1
2-Methylphenol	<0.19		0.19	0.061	mg/Kg	✳	06/08/22 07:03	06/09/22 01:59	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	✳	06/08/22 07:03	06/09/22 01:59	1
2-Nitrophenol	<0.38		0.38	0.089	mg/Kg	✳	06/08/22 07:03	06/09/22 01:59	1
3 & 4 Methylphenol	<0.19		0.19	0.063	mg/Kg	✳	06/08/22 07:03	06/09/22 01:59	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.053	mg/Kg	✳	06/08/22 07:03	06/09/22 01:59	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	✳	06/08/22 07:03	06/09/22 01:59	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.30	mg/Kg	✳	06/08/22 07:03	06/09/22 01:59	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	✳	06/08/22 07:03	06/09/22 01:59	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	✳	06/08/22 07:03	06/09/22 01:59	1
4-Chloroaniline	<0.76		0.76	0.18	mg/Kg	✳	06/08/22 07:03	06/09/22 01:59	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	✳	06/08/22 07:03	06/09/22 01:59	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	✳	06/08/22 07:03	06/09/22 01:59	1
4-Nitrophenol	<0.76		0.76	0.36	mg/Kg	✳	06/08/22 07:03	06/09/22 01:59	1
<b>Acenaphthene</b>	<b>0.013</b>	<b>J</b>	0.038	0.0068	mg/Kg	✳	06/08/22 07:03	06/09/22 01:59	1
Acenaphthylene	<0.038		0.038	0.0050	mg/Kg	✳	06/08/22 07:03	06/09/22 01:59	1
Anthracene	<0.038		0.038	0.0063	mg/Kg	✳	06/08/22 07:03	06/09/22 01:59	1
Benzo[a]anthracene	<0.038		0.038	0.0051	mg/Kg	✳	06/08/22 07:03	06/09/22 01:59	1
Benzo[a]pyrene	<0.038		0.038	0.0073	mg/Kg	✳	06/08/22 07:03	06/09/22 01:59	1
<b>Benzo[b]fluoranthene</b>	<b>0.0096</b>	<b>J</b>	0.038	0.0082	mg/Kg	✳	06/08/22 07:03	06/09/22 01:59	1
<b>Benzo[g,h,i]perylene</b>	<b>0.013</b>	<b>J</b>	0.038	0.012	mg/Kg	✳	06/08/22 07:03	06/09/22 01:59	1
Benzo[k]fluoranthene	<0.038		0.038	0.011	mg/Kg	✳	06/08/22 07:03	06/09/22 01:59	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	✳	06/08/22 07:03	06/09/22 01:59	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.057	mg/Kg	✳	06/08/22 07:03	06/09/22 01:59	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.069	mg/Kg	✳	06/08/22 07:03	06/09/22 01:59	1
Butyl benzyl phthalate	<0.19		0.19	0.072	mg/Kg	✳	06/08/22 07:03	06/09/22 01:59	1
Carbazole	<0.19		0.19	0.095	mg/Kg	✳	06/08/22 07:03	06/09/22 01:59	1
<b>Chrysene</b>	<b>0.023</b>	<b>J</b>	0.038	0.010	mg/Kg	✳	06/08/22 07:03	06/09/22 01:59	1
Dibenz(a,h)anthracene	<0.038		0.038	0.0073	mg/Kg	✳	06/08/22 07:03	06/09/22 01:59	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	✳	06/08/22 07:03	06/09/22 01:59	1
Diethyl phthalate	<0.19		0.19	0.064	mg/Kg	✳	06/08/22 07:03	06/09/22 01:59	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	✳	06/08/22 07:03	06/09/22 01:59	1
Di-n-butyl phthalate	<0.19		0.19	0.058	mg/Kg	✳	06/08/22 07:03	06/09/22 01:59	1
Di-n-octyl phthalate	<0.19		0.19	0.062	mg/Kg	✳	06/08/22 07:03	06/09/22 01:59	1
Fluoranthene	<0.038		0.038	0.0070	mg/Kg	✳	06/08/22 07:03	06/09/22 01:59	1
<b>Fluorene</b>	<b>0.0073</b>	<b>J</b>	0.038	0.0053	mg/Kg	✳	06/08/22 07:03	06/09/22 01:59	1
Hexachlorobenzene	<0.076		0.076	0.0088	mg/Kg	✳	06/08/22 07:03	06/09/22 01:59	1
Hexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	✳	06/08/22 07:03	06/09/22 01:59	1
Hexachlorocyclopentadiene	<0.76		0.76	0.22	mg/Kg	✳	06/08/22 07:03	06/09/22 01:59	1
Hexachloroethane	<0.19		0.19	0.058	mg/Kg	✳	06/08/22 07:03	06/09/22 01:59	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217251-1

**Client Sample ID: ROW-152(4-9)-052522**

**Lab Sample ID: 500-217251-8**

**Date Collected: 05/25/22 23:45**

**Matrix: Solid**

**Date Received: 05/26/22 17:45**

**Percent Solids: 87.0**

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.038		0.038	0.0098	mg/Kg	☼	06/08/22 07:03	06/09/22 01:59	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	06/08/22 07:03	06/09/22 01:59	1
Naphthalene	<0.038		0.038	0.0058	mg/Kg	☼	06/08/22 07:03	06/09/22 01:59	1
Nitrobenzene	<0.038		0.038	0.0094	mg/Kg	☼	06/08/22 07:03	06/09/22 01:59	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.046	mg/Kg	☼	06/08/22 07:03	06/09/22 01:59	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	☼	06/08/22 07:03	06/09/22 01:59	1
Pentachlorophenol	<0.76		0.76	0.61	mg/Kg	☼	06/08/22 07:03	06/09/22 01:59	1
<b>Phenanthrene</b>	<b>0.053</b>		0.038	0.0053	mg/Kg	☼	06/08/22 07:03	06/09/22 01:59	1
Phenol	<0.19		0.19	0.084	mg/Kg	☼	06/08/22 07:03	06/09/22 01:59	1
<b>Pyrene</b>	<b>0.022</b>	<b>J</b>	0.038	0.0075	mg/Kg	☼	06/08/22 07:03	06/09/22 01:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	107		31 - 143	06/08/22 07:03	06/09/22 01:59	1
2-Fluorobiphenyl (Surr)	80		43 - 145	06/08/22 07:03	06/09/22 01:59	1
2-Fluorophenol (Surr)	84		31 - 166	06/08/22 07:03	06/09/22 01:59	1
Nitrobenzene-d5 (Surr)	59		37 - 147	06/08/22 07:03	06/09/22 01:59	1
Phenol-d5 (Surr)	75		30 - 153	06/08/22 07:03	06/09/22 01:59	1
Terphenyl-d14 (Surr)	104		42 - 157	06/08/22 07:03	06/09/22 01:59	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/06/22 07:58	06/06/22 19:08	1
<b>Barium</b>	<b>0.33</b>	<b>J</b>	0.50	0.050	mg/L		06/06/22 07:58	06/06/22 19:08	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/06/22 07:58	06/06/22 19:08	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/06/22 07:58	06/06/22 19:08	1
Chromium	<0.025		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 19:08	1
<b>Cobalt</b>	<b>0.044</b>		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 19:08	1
<b>Copper</b>	<b>0.077</b>		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 19:08	1
Iron	<0.40		0.40	0.20	mg/L		06/06/22 07:58	06/06/22 19:08	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/06/22 07:58	06/07/22 10:49	1
<b>Manganese</b>	<b>3.7</b>		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 19:08	1
<b>Nickel</b>	<b>0.065</b>		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 19:08	1
Selenium	<0.050		0.050	0.020	mg/L		06/06/22 07:58	06/06/22 19:08	1
Silver	<0.025		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 19:08	1
<b>Zinc</b>	<b>0.22</b>	<b>J</b>	0.50	0.020	mg/L		06/06/22 07:58	06/06/22 19:08	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.079</b>		0.050	0.010	mg/L		06/06/22 08:01	06/06/22 21:51	1
<b>Barium</b>	<b>0.26</b>	<b>J</b>	0.50	0.050	mg/L		06/06/22 08:01	06/06/22 21:51	1
<b>Beryllium</b>	<b>0.0058</b>		0.0040	0.0040	mg/L		06/06/22 08:01	06/06/22 21:51	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/06/22 08:01	06/06/22 21:51	1
<b>Chromium</b>	<b>0.11</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:51	1
<b>Cobalt</b>	<b>0.045</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:51	1
<b>Copper</b>	<b>0.16</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:51	1
<b>Iron</b>	<b>140</b>		0.40	0.20	mg/L		06/06/22 08:01	06/06/22 21:51	1
<b>Lead</b>	<b>0.080</b>		0.0075	0.0075	mg/L		06/06/22 08:01	06/06/22 21:51	1
<b>Manganese</b>	<b>0.44</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:51	1
<b>Nickel</b>	<b>0.15</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:51	1
Selenium	<0.050		0.050	0.020	mg/L		06/06/22 08:01	06/06/22 21:51	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217251-1

**Client Sample ID: ROW-152(4-9)-052522**

**Lab Sample ID: 500-217251-8**

Date Collected: 05/25/22 23:45

Matrix: Solid

Date Received: 05/26/22 17:45

Percent Solids: 87.0

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:51	1
<b>Zinc</b>	<b>0.35</b>	<b>J</b>	0.50	0.020	mg/L		06/06/22 08:01	06/06/22 21:51	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>6100</b>		11	4.5	mg/Kg	✱	06/06/22 09:04	06/06/22 19:16	1
<b>Antimony</b>	<b>0.37</b>	<b>J B</b>	1.1	0.21	mg/Kg	✱	06/06/22 09:04	06/06/22 19:16	1
<b>Arsenic</b>	<b>9.2</b>		0.55	0.19	mg/Kg	✱	06/06/22 09:04	06/06/22 19:16	1
<b>Barium</b>	<b>18</b>		1.1	0.13	mg/Kg	✱	06/06/22 09:04	06/07/22 11:10	2
<b>Beryllium</b>	<b>0.55</b>		0.22	0.052	mg/Kg	✱	06/06/22 09:04	06/06/22 19:16	1
<b>Cadmium</b>	<b>0.22</b>	<b>B</b>	0.11	0.020	mg/Kg	✱	06/06/22 09:04	06/06/22 19:16	1
<b>Calcium</b>	<b>98000</b>		55	9.4	mg/Kg	✱	06/06/22 09:04	06/07/22 11:13	5
<b>Chromium</b>	<b>9.2</b>		0.55	0.27	mg/Kg	✱	06/06/22 09:04	06/06/22 19:16	1
<b>Cobalt</b>	<b>11</b>		0.28	0.072	mg/Kg	✱	06/06/22 09:04	06/06/22 19:16	1
<b>Copper</b>	<b>22</b>		0.55	0.15	mg/Kg	✱	06/06/22 09:04	06/06/22 19:16	1
<b>Iron</b>	<b>18000</b>		22	11	mg/Kg	✱	06/06/22 09:04	06/07/22 11:10	2
<b>Lead</b>	<b>12</b>		0.28	0.13	mg/Kg	✱	06/06/22 09:04	06/06/22 19:16	1
<b>Magnesium</b>	<b>44000</b>		11	5.5	mg/Kg	✱	06/06/22 09:04	06/07/22 11:10	2
<b>Manganese</b>	<b>380</b>		0.55	0.080	mg/Kg	✱	06/06/22 09:04	06/06/22 19:16	1
<b>Nickel</b>	<b>24</b>		0.55	0.16	mg/Kg	✱	06/06/22 09:04	06/06/22 19:16	1
<b>Potassium</b>	<b>1500</b>		28	9.8	mg/Kg	✱	06/06/22 09:04	06/06/22 19:16	1
Selenium	<0.55		0.55	0.32	mg/Kg	✱	06/06/22 09:04	06/06/22 19:16	1
<b>Silver</b>	<b>0.12</b>	<b>J</b>	0.28	0.071	mg/Kg	✱	06/06/22 09:04	06/06/22 19:16	1
<b>Sodium</b>	<b>360</b>		55	8.2	mg/Kg	✱	06/06/22 09:04	06/06/22 19:16	1
Thallium	<0.55		0.55	0.28	mg/Kg	✱	06/06/22 09:04	06/06/22 19:16	1
<b>Vanadium</b>	<b>12</b>		0.28	0.065	mg/Kg	✱	06/06/22 09:04	06/06/22 19:16	1
<b>Zinc</b>	<b>51</b>		1.1	0.49	mg/Kg	✱	06/06/22 09:04	06/06/22 19:16	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/22 13:15	06/06/22 11:48	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/22 13:15	06/06/22 13:18	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.025</b>		0.017	0.0056	mg/Kg	✱	06/03/22 16:35	06/06/22 09:02	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.1</b>		0.2	0.2	SU			06/01/22 17:08	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217251-1

**Client Sample ID: ROW-155(0-4)-052622**

**Lab Sample ID: 500-217251-9**

**Date Collected: 05/26/22 01:10**

**Matrix: Solid**

**Date Received: 05/26/22 17:45**

**Percent Solids: 87.6**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.014		0.014	0.0060	mg/Kg	☼	05/27/22 18:36	06/03/22 18:40	1
Benzene	<0.0014		0.0014	0.00035	mg/Kg	☼	05/27/22 18:36	06/03/22 18:40	1
Bromodichloromethane	<0.0014		0.0014	0.00028	mg/Kg	☼	05/27/22 18:36	06/03/22 18:40	1
Bromoform	<0.0014		0.0014	0.00040	mg/Kg	☼	05/27/22 18:36	06/03/22 18:40	1
Bromomethane	<0.0034		0.0034	0.0013	mg/Kg	☼	05/27/22 18:36	06/03/22 18:40	1
Carbon disulfide	<0.0034		0.0034	0.00072	mg/Kg	☼	05/27/22 18:36	06/03/22 18:40	1
Carbon tetrachloride	<0.0014		0.0014	0.00040	mg/Kg	☼	05/27/22 18:36	06/03/22 18:40	1
Chlorobenzene	<0.0014		0.0014	0.00051	mg/Kg	☼	05/27/22 18:36	06/03/22 18:40	1
Chloroethane	<0.0034		0.0034	0.0010	mg/Kg	☼	05/27/22 18:36	06/03/22 18:40	1
Chloroform	<0.0014		0.0014	0.00048	mg/Kg	☼	05/27/22 18:36	06/03/22 18:40	1
Chloromethane	<0.0034		0.0034	0.0014	mg/Kg	☼	05/27/22 18:36	06/03/22 18:40	1
cis-1,2-Dichloroethene	<0.0014		0.0014	0.00039	mg/Kg	☼	05/27/22 18:36	06/03/22 18:40	1
cis-1,3-Dichloropropene	<0.0014		0.0014	0.00042	mg/Kg	☼	05/27/22 18:36	06/03/22 18:40	1
Dibromochloromethane	<0.0014		0.0014	0.00045	mg/Kg	☼	05/27/22 18:36	06/03/22 18:40	1
1,1-Dichloroethane	<0.0014		0.0014	0.00047	mg/Kg	☼	05/27/22 18:36	06/03/22 18:40	1
1,2-Dichloroethane	<0.0034		0.0034	0.0011	mg/Kg	☼	05/27/22 18:36	06/03/22 18:40	1
1,1-Dichloroethene	<0.0014		0.0014	0.00047	mg/Kg	☼	05/27/22 18:36	06/03/22 18:40	1
1,2-Dichloropropane	<0.0014		0.0014	0.00036	mg/Kg	☼	05/27/22 18:36	06/03/22 18:40	1
1,3-Dichloropropene, Total	<0.0014		0.0014	0.00048	mg/Kg	☼	05/27/22 18:36	06/03/22 18:40	1
Ethylbenzene	<0.0014		0.0014	0.00066	mg/Kg	☼	05/27/22 18:36	06/03/22 18:40	1
2-Hexanone	<0.0034		0.0034	0.0011	mg/Kg	☼	05/27/22 18:36	06/03/22 18:40	1
Methylene Chloride	<0.0034		0.0034	0.0014	mg/Kg	☼	05/27/22 18:36	06/03/22 18:40	1
Methyl Ethyl Ketone	<0.0034		0.0034	0.0015	mg/Kg	☼	05/27/22 18:36	06/03/22 18:40	1
methyl isobutyl ketone	<0.0034		0.0034	0.0010	mg/Kg	☼	05/27/22 18:36	06/03/22 18:40	1
Methyl tert-butyl ether	<0.0014		0.0014	0.00040	mg/Kg	☼	05/27/22 18:36	06/03/22 18:40	1
Styrene	<0.0014		0.0014	0.00042	mg/Kg	☼	05/27/22 18:36	06/03/22 18:40	1
1,1,2,2-Tetrachloroethane	<0.0014		0.0014	0.00044	mg/Kg	☼	05/27/22 18:36	06/03/22 18:40	1
Tetrachloroethene	<0.0014		0.0014	0.00047	mg/Kg	☼	05/27/22 18:36	06/03/22 18:40	1
Toluene	<0.0014		0.0014	0.00035	mg/Kg	☼	05/27/22 18:36	06/03/22 18:40	1
trans-1,2-Dichloroethene	<0.0014		0.0014	0.00061	mg/Kg	☼	05/27/22 18:36	06/03/22 18:40	1
trans-1,3-Dichloropropene	<0.0014		0.0014	0.00048	mg/Kg	☼	05/27/22 18:36	06/03/22 18:40	1
1,1,1-Trichloroethane	<0.0014		0.0014	0.00046	mg/Kg	☼	05/27/22 18:36	06/03/22 18:40	1
1,1,2-Trichloroethane	<0.0014		0.0014	0.00059	mg/Kg	☼	05/27/22 18:36	06/03/22 18:40	1
<b>Trichloroethene</b>	<b>0.00082</b>	<b>J</b>	0.0014	0.00047	mg/Kg	☼	05/27/22 18:36	06/03/22 18:40	1
Vinyl chloride	<0.0014		0.0014	0.00061	mg/Kg	☼	05/27/22 18:36	06/03/22 18:40	1
Xylenes, Total	<0.0028		0.0028	0.00044	mg/Kg	☼	05/27/22 18:36	06/03/22 18:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		75 - 131	05/27/22 18:36	06/03/22 18:40	1
Dibromofluoromethane (Surr)	101		75 - 126	05/27/22 18:36	06/03/22 18:40	1
1,2-Dichloroethane-d4 (Surr)	102		70 - 134	05/27/22 18:36	06/03/22 18:40	1
Toluene-d8 (Surr)	109		75 - 124	05/27/22 18:36	06/03/22 18:40	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	☼	06/08/22 09:27	06/09/22 18:15	1
1,2-Dichlorobenzene	<0.19		0.19	0.044	mg/Kg	☼	06/08/22 09:27	06/09/22 18:15	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	06/08/22 09:27	06/09/22 18:15	1
1,4-Dichlorobenzene	<0.19		0.19	0.047	mg/Kg	☼	06/08/22 09:27	06/09/22 18:15	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	☼	06/08/22 09:27	06/09/22 18:15	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217251-1

Client Sample ID: ROW-155(0-4)-052622

Lab Sample ID: 500-217251-9

Date Collected: 05/26/22 01:10

Matrix: Solid

Date Received: 05/26/22 17:45

Percent Solids: 87.6

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.085	mg/Kg	✱	06/08/22 09:27	06/09/22 18:15	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	✱	06/08/22 09:27	06/09/22 18:15	1
2,4-Dichlorophenol	<0.37		0.37	0.088	mg/Kg	✱	06/08/22 09:27	06/09/22 18:15	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	✱	06/08/22 09:27	06/09/22 18:15	1
2,4-Dinitrophenol	<0.75	F1	0.75	0.65	mg/Kg	✱	06/08/22 09:27	06/09/22 18:15	1
2,4-Dinitrotoluene	<0.19		0.19	0.059	mg/Kg	✱	06/08/22 09:27	06/09/22 18:15	1
2,6-Dinitrotoluene	<0.19		0.19	0.073	mg/Kg	✱	06/08/22 09:27	06/09/22 18:15	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	✱	06/08/22 09:27	06/09/22 18:15	1
2-Chlorophenol	<0.19		0.19	0.063	mg/Kg	✱	06/08/22 09:27	06/09/22 18:15	1
2-Methylnaphthalene	<0.075		0.075	0.0068	mg/Kg	✱	06/08/22 09:27	06/09/22 18:15	1
2-Methylphenol	<0.19		0.19	0.059	mg/Kg	✱	06/08/22 09:27	06/09/22 18:15	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	✱	06/08/22 09:27	06/09/22 18:15	1
2-Nitrophenol	<0.37		0.37	0.088	mg/Kg	✱	06/08/22 09:27	06/09/22 18:15	1
3 & 4 Methylphenol	<0.19		0.19	0.062	mg/Kg	✱	06/08/22 09:27	06/09/22 18:15	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.052	mg/Kg	✱	06/08/22 09:27	06/09/22 18:15	1
3-Nitroaniline	<0.37		0.37	0.11	mg/Kg	✱	06/08/22 09:27	06/09/22 18:15	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.30	mg/Kg	✱	06/08/22 09:27	06/09/22 18:15	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	✱	06/08/22 09:27	06/09/22 18:15	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	✱	06/08/22 09:27	06/09/22 18:15	1
4-Chloroaniline	<0.75		0.75	0.17	mg/Kg	✱	06/08/22 09:27	06/09/22 18:15	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.043	mg/Kg	✱	06/08/22 09:27	06/09/22 18:15	1
4-Nitroaniline	<0.37		0.37	0.15	mg/Kg	✱	06/08/22 09:27	06/09/22 18:15	1
4-Nitrophenol	<0.75		0.75	0.35	mg/Kg	✱	06/08/22 09:27	06/09/22 18:15	1
Acenaphthene	<0.037		0.037	0.0067	mg/Kg	✱	06/08/22 09:27	06/09/22 18:15	1
Acenaphthylene	<0.037		0.037	0.0049	mg/Kg	✱	06/08/22 09:27	06/09/22 18:15	1
Anthracene	<0.037		0.037	0.0062	mg/Kg	✱	06/08/22 09:27	06/09/22 18:15	1
Benzo[a]anthracene	<0.037		0.037	0.0050	mg/Kg	✱	06/08/22 09:27	06/09/22 18:15	1
Benzo[a]pyrene	<0.037		0.037	0.0072	mg/Kg	✱	06/08/22 09:27	06/09/22 18:15	1
Benzo[b]fluoranthene	<0.037		0.037	0.0080	mg/Kg	✱	06/08/22 09:27	06/09/22 18:15	1
Benzo[g,h,i]perylene	<0.037		0.037	0.012	mg/Kg	✱	06/08/22 09:27	06/09/22 18:15	1
Benzo[k]fluoranthene	<0.037		0.037	0.011	mg/Kg	✱	06/08/22 09:27	06/09/22 18:15	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	✱	06/08/22 09:27	06/09/22 18:15	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	✱	06/08/22 09:27	06/09/22 18:15	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.068	mg/Kg	✱	06/08/22 09:27	06/09/22 18:15	1
Butyl benzyl phthalate	<0.19		0.19	0.070	mg/Kg	✱	06/08/22 09:27	06/09/22 18:15	1
Carbazole	<0.19		0.19	0.093	mg/Kg	✱	06/08/22 09:27	06/09/22 18:15	1
Chrysene	<0.037		0.037	0.010	mg/Kg	✱	06/08/22 09:27	06/09/22 18:15	1
Dibenz(a,h)anthracene	<0.037		0.037	0.0072	mg/Kg	✱	06/08/22 09:27	06/09/22 18:15	1
Dibenzofuran	<0.19		0.19	0.043	mg/Kg	✱	06/08/22 09:27	06/09/22 18:15	1
Diethyl phthalate	<0.19		0.19	0.063	mg/Kg	✱	06/08/22 09:27	06/09/22 18:15	1
Dimethyl phthalate	<0.19		0.19	0.048	mg/Kg	✱	06/08/22 09:27	06/09/22 18:15	1
Di-n-butyl phthalate	<0.19		0.19	0.056	mg/Kg	✱	06/08/22 09:27	06/09/22 18:15	1
Di-n-octyl phthalate	<0.19		0.19	0.060	mg/Kg	✱	06/08/22 09:27	06/09/22 18:15	1
Fluoranthene	<0.037		0.037	0.0069	mg/Kg	✱	06/08/22 09:27	06/09/22 18:15	1
Fluorene	<0.037		0.037	0.0052	mg/Kg	✱	06/08/22 09:27	06/09/22 18:15	1
Hexachlorobenzene	<0.075		0.075	0.0086	mg/Kg	✱	06/08/22 09:27	06/09/22 18:15	1
Hexachlorobutadiene	<0.19		0.19	0.058	mg/Kg	✱	06/08/22 09:27	06/09/22 18:15	1
Hexachlorocyclopentadiene	<0.75		0.75	0.21	mg/Kg	✱	06/08/22 09:27	06/09/22 18:15	1
Hexachloroethane	<0.19		0.19	0.056	mg/Kg	✱	06/08/22 09:27	06/09/22 18:15	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217251-1

**Client Sample ID: ROW-155(0-4)-052622**

**Lab Sample ID: 500-217251-9**

**Date Collected: 05/26/22 01:10**

**Matrix: Solid**

**Date Received: 05/26/22 17:45**

**Percent Solids: 87.6**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.037		0.037	0.0096	mg/Kg	☼	06/08/22 09:27	06/09/22 18:15	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	06/08/22 09:27	06/09/22 18:15	1
Naphthalene	<0.037		0.037	0.0057	mg/Kg	☼	06/08/22 09:27	06/09/22 18:15	1
Nitrobenzene	<0.037		0.037	0.0092	mg/Kg	☼	06/08/22 09:27	06/09/22 18:15	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.045	mg/Kg	☼	06/08/22 09:27	06/09/22 18:15	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☼	06/08/22 09:27	06/09/22 18:15	1
Pentachlorophenol	<0.75		0.75	0.59	mg/Kg	☼	06/08/22 09:27	06/09/22 18:15	1
Phenanthrene	<0.037		0.037	0.0052	mg/Kg	☼	06/08/22 09:27	06/09/22 18:15	1
Phenol	<0.19		0.19	0.082	mg/Kg	☼	06/08/22 09:27	06/09/22 18:15	1
Pyrene	<0.037		0.037	0.0074	mg/Kg	☼	06/08/22 09:27	06/09/22 18:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	83		31 - 143				06/08/22 09:27	06/09/22 18:15	1
2-Fluorobiphenyl (Surr)	93		43 - 145				06/08/22 09:27	06/09/22 18:15	1
2-Fluorophenol (Surr)	91		31 - 166				06/08/22 09:27	06/09/22 18:15	1
Nitrobenzene-d5 (Surr)	68		37 - 147				06/08/22 09:27	06/09/22 18:15	1
Phenol-d5 (Surr)	88		30 - 153				06/08/22 09:27	06/09/22 18:15	1
Terphenyl-d14 (Surr)	100		42 - 157				06/08/22 09:27	06/09/22 18:15	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/06/22 07:58	06/06/22 18:24	1
<b>Barium</b>	<b>0.40</b>	<b>J</b>	0.50	0.050	mg/L		06/06/22 07:58	06/06/22 18:24	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/06/22 07:58	06/06/22 18:24	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/06/22 07:58	06/06/22 18:24	1
Chromium	<0.025		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:24	1
Cobalt	<0.025		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:24	1
Copper	<0.025		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:24	1
Iron	<0.40		0.40	0.20	mg/L		06/06/22 07:58	06/06/22 18:24	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/06/22 07:58	06/06/22 18:24	1
<b>Manganese</b>	<b>0.51</b>		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:24	1
Nickel	<0.025		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:24	1
Selenium	<0.050		0.050	0.020	mg/L		06/06/22 07:58	06/06/22 18:24	1
Silver	<0.025		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:24	1
<b>Zinc</b>	<b>0.12</b>	<b>J</b>	0.50	0.020	mg/L		06/06/22 07:58	06/06/22 18:24	1

**Method: 6010B - Metals (ICP) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/06/22 08:01	06/06/22 21:55	1
<b>Barium</b>	<b>0.11</b>	<b>J</b>	0.50	0.050	mg/L		06/06/22 08:01	06/06/22 21:55	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/06/22 08:01	06/06/22 21:55	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/06/22 08:01	06/06/22 21:55	1
<b>Chromium</b>	<b>0.047</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:55	1
<b>Cobalt</b>	<b>0.016</b>	<b>J</b>	0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:55	1
<b>Copper</b>	<b>0.026</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:55	1
<b>Iron</b>	<b>28</b>		0.40	0.20	mg/L		06/06/22 08:01	06/06/22 21:55	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/06/22 08:01	06/06/22 21:55	1
<b>Manganese</b>	<b>0.24</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:55	1
<b>Nickel</b>	<b>0.042</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:55	1
Selenium	<0.050		0.050	0.020	mg/L		06/06/22 08:01	06/06/22 21:55	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217251-1

**Client Sample ID: ROW-155(0-4)-052622**

**Lab Sample ID: 500-217251-9**

Date Collected: 05/26/22 01:10

Matrix: Solid

Date Received: 05/26/22 17:45

Percent Solids: 87.6

## Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:55	1
<b>Zinc</b>	<b>0.048</b>	<b>J</b>	0.50	0.020	mg/L		06/06/22 08:01	06/06/22 21:55	1

## Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>9100</b>		11	4.5	mg/Kg	☆	06/06/22 09:04	06/06/22 19:19	1
<b>Antimony</b>	<b>0.21</b>	<b>J B</b>	1.1	0.21	mg/Kg	☆	06/06/22 09:04	06/06/22 19:19	1
<b>Arsenic</b>	<b>8.2</b>		0.55	0.19	mg/Kg	☆	06/06/22 09:04	06/06/22 19:19	1
<b>Barium</b>	<b>45</b>		0.55	0.063	mg/Kg	☆	06/06/22 09:04	06/06/22 19:19	1
<b>Beryllium</b>	<b>0.71</b>		0.22	0.051	mg/Kg	☆	06/06/22 09:04	06/06/22 19:19	1
<b>Cadmium</b>	<b>0.19</b>	<b>B</b>	0.11	0.020	mg/Kg	☆	06/06/22 09:04	06/06/22 19:19	1
<b>Calcium</b>	<b>62000</b>		55	9.3	mg/Kg	☆	06/06/22 09:04	06/07/22 11:22	5
<b>Chromium</b>	<b>14</b>		0.55	0.27	mg/Kg	☆	06/06/22 09:04	06/06/22 19:19	1
<b>Cobalt</b>	<b>14</b>		0.28	0.072	mg/Kg	☆	06/06/22 09:04	06/06/22 19:19	1
<b>Copper</b>	<b>22</b>		0.55	0.15	mg/Kg	☆	06/06/22 09:04	06/06/22 19:19	1
<b>Iron</b>	<b>18000</b>		11	5.7	mg/Kg	☆	06/06/22 09:04	06/06/22 19:19	1
<b>Lead</b>	<b>14</b>		0.28	0.13	mg/Kg	☆	06/06/22 09:04	06/06/22 19:19	1
<b>Magnesium</b>	<b>27000</b>		5.5	2.7	mg/Kg	☆	06/06/22 09:04	06/06/22 19:19	1
<b>Manganese</b>	<b>510</b>		0.55	0.080	mg/Kg	☆	06/06/22 09:04	06/06/22 19:19	1
<b>Nickel</b>	<b>30</b>		0.55	0.16	mg/Kg	☆	06/06/22 09:04	06/06/22 19:19	1
<b>Potassium</b>	<b>2000</b>		28	9.7	mg/Kg	☆	06/06/22 09:04	06/06/22 19:19	1
Selenium	<0.55		0.55	0.32	mg/Kg	☆	06/06/22 09:04	06/06/22 19:19	1
<b>Silver</b>	<b>0.20</b>	<b>J</b>	0.28	0.071	mg/Kg	☆	06/06/22 09:04	06/06/22 19:19	1
<b>Sodium</b>	<b>350</b>		55	8.1	mg/Kg	☆	06/06/22 09:04	06/06/22 19:19	1
<b>Thallium</b>	<b>0.46</b>	<b>J</b>	0.55	0.27	mg/Kg	☆	06/06/22 09:04	06/06/22 19:19	1
<b>Vanadium</b>	<b>17</b>		0.28	0.065	mg/Kg	☆	06/06/22 09:04	06/06/22 19:19	1
<b>Zinc</b>	<b>52</b>		1.1	0.48	mg/Kg	☆	06/06/22 09:04	06/06/22 19:19	1

## Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/22 13:15	06/06/22 11:23	1

## Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/22 13:15	06/06/22 13:20	1

## Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.026</b>		0.018	0.0060	mg/Kg	☆	06/03/22 16:35	06/06/22 09:04	1

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.2</b>		0.2	0.2	SU			06/02/22 14:52	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217251-1

**Client Sample ID: ROW-155(4-9)-052622**

**Lab Sample ID: 500-217251-10**

**Date Collected: 05/26/22 01:15**

**Matrix: Solid**

**Date Received: 05/26/22 17:45**

**Percent Solids: 85.1**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0075	mg/Kg	☼	05/27/22 18:36	06/03/22 19:07	1
Benzene	<0.0017		0.0017	0.00044	mg/Kg	☼	05/27/22 18:36	06/03/22 19:07	1
Bromodichloromethane	<0.0017		0.0017	0.00035	mg/Kg	☼	05/27/22 18:36	06/03/22 19:07	1
Bromoform	<0.0017		0.0017	0.00050	mg/Kg	☼	05/27/22 18:36	06/03/22 19:07	1
Bromomethane	<0.0043		0.0043	0.0016	mg/Kg	☼	05/27/22 18:36	06/03/22 19:07	1
Carbon disulfide	<0.0043		0.0043	0.00090	mg/Kg	☼	05/27/22 18:36	06/03/22 19:07	1
Carbon tetrachloride	<0.0017		0.0017	0.00050	mg/Kg	☼	05/27/22 18:36	06/03/22 19:07	1
Chlorobenzene	<0.0017		0.0017	0.00064	mg/Kg	☼	05/27/22 18:36	06/03/22 19:07	1
Chloroethane	<0.0043		0.0043	0.0013	mg/Kg	☼	05/27/22 18:36	06/03/22 19:07	1
Chloroform	<0.0017		0.0017	0.00060	mg/Kg	☼	05/27/22 18:36	06/03/22 19:07	1
Chloromethane	<0.0043		0.0043	0.0017	mg/Kg	☼	05/27/22 18:36	06/03/22 19:07	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00048	mg/Kg	☼	05/27/22 18:36	06/03/22 19:07	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00052	mg/Kg	☼	05/27/22 18:36	06/03/22 19:07	1
Dibromochloromethane	<0.0017		0.0017	0.00057	mg/Kg	☼	05/27/22 18:36	06/03/22 19:07	1
1,1-Dichloroethane	<0.0017		0.0017	0.00059	mg/Kg	☼	05/27/22 18:36	06/03/22 19:07	1
1,2-Dichloroethane	<0.0043		0.0043	0.0013	mg/Kg	☼	05/27/22 18:36	06/03/22 19:07	1
1,1-Dichloroethene	<0.0017		0.0017	0.00059	mg/Kg	☼	05/27/22 18:36	06/03/22 19:07	1
1,2-Dichloropropane	<0.0017		0.0017	0.00045	mg/Kg	☼	05/27/22 18:36	06/03/22 19:07	1
1,3-Dichloropropane, Total	<0.0017		0.0017	0.00061	mg/Kg	☼	05/27/22 18:36	06/03/22 19:07	1
Ethylbenzene	<0.0017		0.0017	0.00083	mg/Kg	☼	05/27/22 18:36	06/03/22 19:07	1
2-Hexanone	<0.0043		0.0043	0.0013	mg/Kg	☼	05/27/22 18:36	06/03/22 19:07	1
Methylene Chloride	<0.0043		0.0043	0.0017	mg/Kg	☼	05/27/22 18:36	06/03/22 19:07	1
Methyl Ethyl Ketone	<0.0043		0.0043	0.0019	mg/Kg	☼	05/27/22 18:36	06/03/22 19:07	1
methyl isobutyl ketone	<0.0043		0.0043	0.0013	mg/Kg	☼	05/27/22 18:36	06/03/22 19:07	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00051	mg/Kg	☼	05/27/22 18:36	06/03/22 19:07	1
Styrene	<0.0017		0.0017	0.00052	mg/Kg	☼	05/27/22 18:36	06/03/22 19:07	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00055	mg/Kg	☼	05/27/22 18:36	06/03/22 19:07	1
Tetrachloroethene	<0.0017		0.0017	0.00059	mg/Kg	☼	05/27/22 18:36	06/03/22 19:07	1
Toluene	<0.0017		0.0017	0.00044	mg/Kg	☼	05/27/22 18:36	06/03/22 19:07	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00077	mg/Kg	☼	05/27/22 18:36	06/03/22 19:07	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00061	mg/Kg	☼	05/27/22 18:36	06/03/22 19:07	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00058	mg/Kg	☼	05/27/22 18:36	06/03/22 19:07	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00074	mg/Kg	☼	05/27/22 18:36	06/03/22 19:07	1
Trichloroethene	<0.0017		0.0017	0.00058	mg/Kg	☼	05/27/22 18:36	06/03/22 19:07	1
Vinyl chloride	<0.0017		0.0017	0.00077	mg/Kg	☼	05/27/22 18:36	06/03/22 19:07	1
Xylenes, Total	<0.0035		0.0035	0.00055	mg/Kg	☼	05/27/22 18:36	06/03/22 19:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		75 - 131	05/27/22 18:36	06/03/22 19:07	1
Dibromofluoromethane (Surr)	99		75 - 126	05/27/22 18:36	06/03/22 19:07	1
1,2-Dichloroethane-d4 (Surr)	99		70 - 134	05/27/22 18:36	06/03/22 19:07	1
Toluene-d8 (Surr)	108		75 - 124	05/27/22 18:36	06/03/22 19:07	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.042	mg/Kg	☼	06/08/22 09:27	06/09/22 19:28	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	06/08/22 09:27	06/09/22 19:28	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	06/08/22 09:27	06/09/22 19:28	1
1,4-Dichlorobenzene	<0.20		0.20	0.050	mg/Kg	☼	06/08/22 09:27	06/09/22 19:28	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.045	mg/Kg	☼	06/08/22 09:27	06/09/22 19:28	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217251-1

**Client Sample ID: ROW-155(4-9)-052622**

**Lab Sample ID: 500-217251-10**

**Date Collected: 05/26/22 01:15**

**Matrix: Solid**

**Date Received: 05/26/22 17:45**

**Percent Solids: 85.1**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.089	mg/Kg	✱	06/08/22 09:27	06/09/22 19:28	1
2,4,6-Trichlorophenol	<0.39		0.39	0.13	mg/Kg	✱	06/08/22 09:27	06/09/22 19:28	1
2,4-Dichlorophenol	<0.39		0.39	0.093	mg/Kg	✱	06/08/22 09:27	06/09/22 19:28	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	✱	06/08/22 09:27	06/09/22 19:28	1
2,4-Dinitrophenol	<0.79		0.79	0.69	mg/Kg	✱	06/08/22 09:27	06/09/22 19:28	1
2,4-Dinitrotoluene	<0.20		0.20	0.062	mg/Kg	✱	06/08/22 09:27	06/09/22 19:28	1
2,6-Dinitrotoluene	<0.20		0.20	0.077	mg/Kg	✱	06/08/22 09:27	06/09/22 19:28	1
2-Chloronaphthalene	<0.20		0.20	0.043	mg/Kg	✱	06/08/22 09:27	06/09/22 19:28	1
2-Chlorophenol	<0.20		0.20	0.067	mg/Kg	✱	06/08/22 09:27	06/09/22 19:28	1
2-Methylnaphthalene	<0.079		0.079	0.0072	mg/Kg	✱	06/08/22 09:27	06/09/22 19:28	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	✱	06/08/22 09:27	06/09/22 19:28	1
2-Nitroaniline	<0.20		0.20	0.052	mg/Kg	✱	06/08/22 09:27	06/09/22 19:28	1
2-Nitrophenol	<0.39		0.39	0.092	mg/Kg	✱	06/08/22 09:27	06/09/22 19:28	1
3 & 4 Methylphenol	<0.20		0.20	0.065	mg/Kg	✱	06/08/22 09:27	06/09/22 19:28	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	✱	06/08/22 09:27	06/09/22 19:28	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	✱	06/08/22 09:27	06/09/22 19:28	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.31	mg/Kg	✱	06/08/22 09:27	06/09/22 19:28	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.051	mg/Kg	✱	06/08/22 09:27	06/09/22 19:28	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	✱	06/08/22 09:27	06/09/22 19:28	1
4-Chloroaniline	<0.79		0.79	0.18	mg/Kg	✱	06/08/22 09:27	06/09/22 19:28	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	✱	06/08/22 09:27	06/09/22 19:28	1
4-Nitroaniline	<0.39		0.39	0.16	mg/Kg	✱	06/08/22 09:27	06/09/22 19:28	1
4-Nitrophenol	<0.79		0.79	0.37	mg/Kg	✱	06/08/22 09:27	06/09/22 19:28	1
Acenaphthene	<0.039		0.039	0.0070	mg/Kg	✱	06/08/22 09:27	06/09/22 19:28	1
Acenaphthylene	<0.039		0.039	0.0051	mg/Kg	✱	06/08/22 09:27	06/09/22 19:28	1
Anthracene	<0.039		0.039	0.0065	mg/Kg	✱	06/08/22 09:27	06/09/22 19:28	1
Benzo[a]anthracene	<0.039		0.039	0.0052	mg/Kg	✱	06/08/22 09:27	06/09/22 19:28	1
Benzo[a]pyrene	<0.039		0.039	0.0075	mg/Kg	✱	06/08/22 09:27	06/09/22 19:28	1
<b>Benzo[b]fluoranthene</b>	<b>0.012</b>	<b>J</b>	0.039	0.0084	mg/Kg	✱	06/08/22 09:27	06/09/22 19:28	1
<b>Benzo[g,h,i]perylene</b>	<b>0.014</b>	<b>J</b>	0.039	0.013	mg/Kg	✱	06/08/22 09:27	06/09/22 19:28	1
Benzo[k]fluoranthene	<0.039		0.039	0.011	mg/Kg	✱	06/08/22 09:27	06/09/22 19:28	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	✱	06/08/22 09:27	06/09/22 19:28	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.058	mg/Kg	✱	06/08/22 09:27	06/09/22 19:28	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.071	mg/Kg	✱	06/08/22 09:27	06/09/22 19:28	1
Butyl benzyl phthalate	<0.20		0.20	0.074	mg/Kg	✱	06/08/22 09:27	06/09/22 19:28	1
Carbazole	<0.20		0.20	0.097	mg/Kg	✱	06/08/22 09:27	06/09/22 19:28	1
<b>Chrysene</b>	<b>0.014</b>	<b>J</b>	0.039	0.011	mg/Kg	✱	06/08/22 09:27	06/09/22 19:28	1
Dibenz(a,h)anthracene	<0.039		0.039	0.0075	mg/Kg	✱	06/08/22 09:27	06/09/22 19:28	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	✱	06/08/22 09:27	06/09/22 19:28	1
Diethyl phthalate	<0.20		0.20	0.066	mg/Kg	✱	06/08/22 09:27	06/09/22 19:28	1
Dimethyl phthalate	<0.20		0.20	0.051	mg/Kg	✱	06/08/22 09:27	06/09/22 19:28	1
Di-n-butyl phthalate	<0.20		0.20	0.059	mg/Kg	✱	06/08/22 09:27	06/09/22 19:28	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	✱	06/08/22 09:27	06/09/22 19:28	1
<b>Fluoranthene</b>	<b>0.0075</b>	<b>J</b>	0.039	0.0072	mg/Kg	✱	06/08/22 09:27	06/09/22 19:28	1
Fluorene	<0.039		0.039	0.0055	mg/Kg	✱	06/08/22 09:27	06/09/22 19:28	1
Hexachlorobenzene	<0.079		0.079	0.0090	mg/Kg	✱	06/08/22 09:27	06/09/22 19:28	1
Hexachlorobutadiene	<0.20		0.20	0.061	mg/Kg	✱	06/08/22 09:27	06/09/22 19:28	1
Hexachlorocyclopentadiene	<0.79		0.79	0.22	mg/Kg	✱	06/08/22 09:27	06/09/22 19:28	1
Hexachloroethane	<0.20		0.20	0.059	mg/Kg	✱	06/08/22 09:27	06/09/22 19:28	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217251-1

**Client Sample ID: ROW-155(4-9)-052622**

**Lab Sample ID: 500-217251-10**

**Date Collected: 05/26/22 01:15**

**Matrix: Solid**

**Date Received: 05/26/22 17:45**

**Percent Solids: 85.1**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.039		0.039	0.010	mg/Kg	☼	06/08/22 09:27	06/09/22 19:28	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	06/08/22 09:27	06/09/22 19:28	1
Naphthalene	<0.039		0.039	0.0060	mg/Kg	☼	06/08/22 09:27	06/09/22 19:28	1
Nitrobenzene	<0.039		0.039	0.0097	mg/Kg	☼	06/08/22 09:27	06/09/22 19:28	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.048	mg/Kg	☼	06/08/22 09:27	06/09/22 19:28	1
N-Nitrosodiphenylamine	<0.20		0.20	0.046	mg/Kg	☼	06/08/22 09:27	06/09/22 19:28	1
Pentachlorophenol	<0.79		0.79	0.63	mg/Kg	☼	06/08/22 09:27	06/09/22 19:28	1
Phenanthrene	<0.039		0.039	0.0054	mg/Kg	☼	06/08/22 09:27	06/09/22 19:28	1
Phenol	<0.20		0.20	0.087	mg/Kg	☼	06/08/22 09:27	06/09/22 19:28	1
<b>Pyrene</b>	<b>0.0099</b>	<b>J</b>	0.039	0.0077	mg/Kg	☼	06/08/22 09:27	06/09/22 19:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	110		31 - 143	06/08/22 09:27	06/09/22 19:28	1
2-Fluorobiphenyl (Surr)	84		43 - 145	06/08/22 09:27	06/09/22 19:28	1
2-Fluorophenol (Surr)	85		31 - 166	06/08/22 09:27	06/09/22 19:28	1
Nitrobenzene-d5 (Surr)	63		37 - 147	06/08/22 09:27	06/09/22 19:28	1
Phenol-d5 (Surr)	74		30 - 153	06/08/22 09:27	06/09/22 19:28	1
Terphenyl-d14 (Surr)	93		42 - 157	06/08/22 09:27	06/09/22 19:28	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/06/22 07:58	06/06/22 18:28	1
<b>Barium</b>	<b>0.25</b>	<b>J</b>	0.50	0.050	mg/L		06/06/22 07:58	06/06/22 18:28	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/06/22 07:58	06/06/22 18:28	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/06/22 07:58	06/06/22 18:28	1
Chromium	<0.025		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:28	1
Cobalt	<0.025		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:28	1
Copper	<0.025		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:28	1
Iron	<0.40		0.40	0.20	mg/L		06/06/22 07:58	06/06/22 18:28	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/06/22 07:58	06/06/22 18:28	1
<b>Manganese</b>	<b>0.55</b>		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:28	1
Nickel	<0.025		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:28	1
Selenium	<0.050		0.050	0.020	mg/L		06/06/22 07:58	06/06/22 18:28	1
Silver	<0.025		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:28	1
<b>Zinc</b>	<b>0.039</b>	<b>J</b>	0.50	0.020	mg/L		06/06/22 07:58	06/06/22 18:28	1

**Method: 6010B - Metals (ICP) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.058</b>		0.050	0.010	mg/L		06/06/22 08:01	06/06/22 21:58	1
<b>Barium</b>	<b>0.24</b>	<b>J</b>	0.50	0.050	mg/L		06/06/22 08:01	06/06/22 21:58	1
<b>Beryllium</b>	<b>0.0061</b>		0.0040	0.0040	mg/L		06/06/22 08:01	06/06/22 21:58	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/06/22 08:01	06/06/22 21:58	1
<b>Chromium</b>	<b>0.11</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:58	1
<b>Cobalt</b>	<b>0.044</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:58	1
<b>Copper</b>	<b>0.12</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:58	1
<b>Iron</b>	<b>120</b>		0.40	0.20	mg/L		06/06/22 08:01	06/06/22 21:58	1
<b>Lead</b>	<b>0.064</b>		0.0075	0.0075	mg/L		06/06/22 08:01	06/06/22 21:58	1
<b>Manganese</b>	<b>0.46</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:58	1
<b>Nickel</b>	<b>0.13</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:58	1
Selenium	<0.050		0.050	0.020	mg/L		06/06/22 08:01	06/06/22 21:58	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217251-1

**Client Sample ID: ROW-155(4-9)-052622**

**Lab Sample ID: 500-217251-10**

Date Collected: 05/26/22 01:15

Matrix: Solid

Date Received: 05/26/22 17:45

Percent Solids: 85.1

### Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 21:58	1
<b>Zinc</b>	<b>0.29</b>	<b>J</b>	0.50	0.020	mg/L		06/06/22 08:01	06/06/22 21:58	1

### Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>9400</b>		11	4.4	mg/Kg	☆	06/06/22 09:04	06/06/22 19:23	1
<b>Antimony</b>	<b>0.28</b>	<b>J B</b>	1.1	0.21	mg/Kg	☆	06/06/22 09:04	06/06/22 19:23	1
<b>Arsenic</b>	<b>6.9</b>		0.54	0.18	mg/Kg	☆	06/06/22 09:04	06/06/22 19:23	1
<b>Barium</b>	<b>28</b>		0.54	0.062	mg/Kg	☆	06/06/22 09:04	06/06/22 19:23	1
<b>Beryllium</b>	<b>0.71</b>		0.22	0.050	mg/Kg	☆	06/06/22 09:04	06/06/22 19:23	1
<b>Cadmium</b>	<b>0.16</b>	<b>B</b>	0.11	0.019	mg/Kg	☆	06/06/22 09:04	06/06/22 19:23	1
<b>Calcium</b>	<b>68000</b>		54	9.2	mg/Kg	☆	06/06/22 09:04	06/07/22 11:26	5
<b>Chromium</b>	<b>14</b>		0.54	0.27	mg/Kg	☆	06/06/22 09:04	06/06/22 19:23	1
<b>Cobalt</b>	<b>9.9</b>		0.27	0.071	mg/Kg	☆	06/06/22 09:04	06/06/22 19:23	1
<b>Copper</b>	<b>21</b>		0.54	0.15	mg/Kg	☆	06/06/22 09:04	06/06/22 19:23	1
<b>Iron</b>	<b>19000</b>		11	5.6	mg/Kg	☆	06/06/22 09:04	06/06/22 19:23	1
<b>Lead</b>	<b>12</b>		0.27	0.12	mg/Kg	☆	06/06/22 09:04	06/06/22 19:23	1
<b>Magnesium</b>	<b>27000</b>		5.4	2.7	mg/Kg	☆	06/06/22 09:04	06/06/22 19:23	1
<b>Manganese</b>	<b>270</b>		0.54	0.078	mg/Kg	☆	06/06/22 09:04	06/06/22 19:23	1
<b>Nickel</b>	<b>28</b>		0.54	0.16	mg/Kg	☆	06/06/22 09:04	06/06/22 19:23	1
<b>Potassium</b>	<b>2100</b>		27	9.6	mg/Kg	☆	06/06/22 09:04	06/06/22 19:23	1
Selenium	<0.54		0.54	0.32	mg/Kg	☆	06/06/22 09:04	06/06/22 19:23	1
<b>Silver</b>	<b>0.19</b>	<b>J</b>	0.27	0.070	mg/Kg	☆	06/06/22 09:04	06/06/22 19:23	1
<b>Sodium</b>	<b>230</b>		54	8.0	mg/Kg	☆	06/06/22 09:04	06/06/22 19:23	1
Thallium	<0.54		0.54	0.27	mg/Kg	☆	06/06/22 09:04	06/06/22 19:23	1
<b>Vanadium</b>	<b>16</b>		0.27	0.064	mg/Kg	☆	06/06/22 09:04	06/06/22 19:23	1
<b>Zinc</b>	<b>54</b>		1.1	0.47	mg/Kg	☆	06/06/22 09:04	06/06/22 19:23	1

### Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/22 13:15	06/06/22 11:25	1

### Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/22 13:15	06/06/22 13:26	1

### Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.020</b>		0.019	0.0063	mg/Kg	☆	06/03/22 16:35	06/06/22 09:05	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.2</b>		0.2	0.2	SU			06/02/22 14:53	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217251-1

**Client Sample ID: ROW-156(0-4)-052622**

**Lab Sample ID: 500-217251-11**

**Date Collected: 05/26/22 01:20**

**Matrix: Solid**

**Date Received: 05/26/22 17:45**

**Percent Solids: 83.2**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018		0.018	0.0079	mg/Kg	☼	05/27/22 18:36	06/03/22 19:34	1
Benzene	<0.0018		0.0018	0.00046	mg/Kg	☼	05/27/22 18:36	06/03/22 19:34	1
Bromodichloromethane	<0.0018		0.0018	0.00037	mg/Kg	☼	05/27/22 18:36	06/03/22 19:34	1
Bromoform	<0.0018		0.0018	0.00053	mg/Kg	☼	05/27/22 18:36	06/03/22 19:34	1
Bromomethane	<0.0045		0.0045	0.0017	mg/Kg	☼	05/27/22 18:36	06/03/22 19:34	1
Carbon disulfide	<0.0045		0.0045	0.00094	mg/Kg	☼	05/27/22 18:36	06/03/22 19:34	1
Carbon tetrachloride	<0.0018		0.0018	0.00052	mg/Kg	☼	05/27/22 18:36	06/03/22 19:34	1
Chlorobenzene	<0.0018		0.0018	0.00067	mg/Kg	☼	05/27/22 18:36	06/03/22 19:34	1
Chloroethane	<0.0045		0.0045	0.0013	mg/Kg	☼	05/27/22 18:36	06/03/22 19:34	1
Chloroform	<0.0018		0.0018	0.00063	mg/Kg	☼	05/27/22 18:36	06/03/22 19:34	1
Chloromethane	<0.0045		0.0045	0.0018	mg/Kg	☼	05/27/22 18:36	06/03/22 19:34	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00050	mg/Kg	☼	05/27/22 18:36	06/03/22 19:34	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00054	mg/Kg	☼	05/27/22 18:36	06/03/22 19:34	1
Dibromochloromethane	<0.0018		0.0018	0.00059	mg/Kg	☼	05/27/22 18:36	06/03/22 19:34	1
1,1-Dichloroethane	<0.0018		0.0018	0.00062	mg/Kg	☼	05/27/22 18:36	06/03/22 19:34	1
1,2-Dichloroethane	<0.0045		0.0045	0.0014	mg/Kg	☼	05/27/22 18:36	06/03/22 19:34	1
1,1-Dichloroethene	<0.0018		0.0018	0.00062	mg/Kg	☼	05/27/22 18:36	06/03/22 19:34	1
1,2-Dichloropropane	<0.0018		0.0018	0.00047	mg/Kg	☼	05/27/22 18:36	06/03/22 19:34	1
1,3-Dichloropropane, Total	<0.0018		0.0018	0.00063	mg/Kg	☼	05/27/22 18:36	06/03/22 19:34	1
Ethylbenzene	<0.0018		0.0018	0.00086	mg/Kg	☼	05/27/22 18:36	06/03/22 19:34	1
2-Hexanone	<0.0045		0.0045	0.0014	mg/Kg	☼	05/27/22 18:36	06/03/22 19:34	1
Methylene Chloride	<0.0045		0.0045	0.0018	mg/Kg	☼	05/27/22 18:36	06/03/22 19:34	1
Methyl Ethyl Ketone	<0.0045		0.0045	0.0020	mg/Kg	☼	05/27/22 18:36	06/03/22 19:34	1
methyl isobutyl ketone	<0.0045		0.0045	0.0013	mg/Kg	☼	05/27/22 18:36	06/03/22 19:34	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00053	mg/Kg	☼	05/27/22 18:36	06/03/22 19:34	1
Styrene	<0.0018		0.0018	0.00055	mg/Kg	☼	05/27/22 18:36	06/03/22 19:34	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00058	mg/Kg	☼	05/27/22 18:36	06/03/22 19:34	1
Tetrachloroethene	<0.0018		0.0018	0.00062	mg/Kg	☼	05/27/22 18:36	06/03/22 19:34	1
Toluene	<0.0018		0.0018	0.00046	mg/Kg	☼	05/27/22 18:36	06/03/22 19:34	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00080	mg/Kg	☼	05/27/22 18:36	06/03/22 19:34	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00063	mg/Kg	☼	05/27/22 18:36	06/03/22 19:34	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00061	mg/Kg	☼	05/27/22 18:36	06/03/22 19:34	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00077	mg/Kg	☼	05/27/22 18:36	06/03/22 19:34	1
Trichloroethene	<0.0018		0.0018	0.00061	mg/Kg	☼	05/27/22 18:36	06/03/22 19:34	1
Vinyl chloride	<0.0018		0.0018	0.00080	mg/Kg	☼	05/27/22 18:36	06/03/22 19:34	1
Xylenes, Total	<0.0036		0.0036	0.00058	mg/Kg	☼	05/27/22 18:36	06/03/22 19:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		75 - 131	05/27/22 18:36	06/03/22 19:34	1
Dibromofluoromethane (Surr)	93		75 - 126	05/27/22 18:36	06/03/22 19:34	1
1,2-Dichloroethane-d4 (Surr)	97		70 - 134	05/27/22 18:36	06/03/22 19:34	1
Toluene-d8 (Surr)	103		75 - 124	05/27/22 18:36	06/03/22 19:34	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	☼	06/08/22 09:27	06/09/22 19:53	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	☼	06/08/22 09:27	06/09/22 19:53	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	☼	06/08/22 09:27	06/09/22 19:53	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	☼	06/08/22 09:27	06/09/22 19:53	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.045	mg/Kg	☼	06/08/22 09:27	06/09/22 19:53	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217251-1

**Client Sample ID: ROW-156(0-4)-052622**

**Lab Sample ID: 500-217251-11**

**Date Collected: 05/26/22 01:20**

**Matrix: Solid**

**Date Received: 05/26/22 17:45**

**Percent Solids: 83.2**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.088	mg/Kg	✳	06/08/22 09:27	06/09/22 19:53	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	✳	06/08/22 09:27	06/09/22 19:53	1
2,4-Dichlorophenol	<0.38		0.38	0.091	mg/Kg	✳	06/08/22 09:27	06/09/22 19:53	1
2,4-Dimethylphenol	<0.38		0.38	0.15	mg/Kg	✳	06/08/22 09:27	06/09/22 19:53	1
2,4-Dinitrophenol	<0.78		0.78	0.68	mg/Kg	✳	06/08/22 09:27	06/09/22 19:53	1
2,4-Dinitrotoluene	<0.19		0.19	0.061	mg/Kg	✳	06/08/22 09:27	06/09/22 19:53	1
2,6-Dinitrotoluene	<0.19		0.19	0.076	mg/Kg	✳	06/08/22 09:27	06/09/22 19:53	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	✳	06/08/22 09:27	06/09/22 19:53	1
2-Chlorophenol	<0.19		0.19	0.066	mg/Kg	✳	06/08/22 09:27	06/09/22 19:53	1
2-Methylnaphthalene	<0.078		0.078	0.0071	mg/Kg	✳	06/08/22 09:27	06/09/22 19:53	1
2-Methylphenol	<0.19		0.19	0.062	mg/Kg	✳	06/08/22 09:27	06/09/22 19:53	1
2-Nitroaniline	<0.19		0.19	0.052	mg/Kg	✳	06/08/22 09:27	06/09/22 19:53	1
2-Nitrophenol	<0.38		0.38	0.091	mg/Kg	✳	06/08/22 09:27	06/09/22 19:53	1
3 & 4 Methylphenol	<0.19		0.19	0.064	mg/Kg	✳	06/08/22 09:27	06/09/22 19:53	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.054	mg/Kg	✳	06/08/22 09:27	06/09/22 19:53	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	✳	06/08/22 09:27	06/09/22 19:53	1
4,6-Dinitro-2-methylphenol	<0.78		0.78	0.31	mg/Kg	✳	06/08/22 09:27	06/09/22 19:53	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.051	mg/Kg	✳	06/08/22 09:27	06/09/22 19:53	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	✳	06/08/22 09:27	06/09/22 19:53	1
4-Chloroaniline	<0.78		0.78	0.18	mg/Kg	✳	06/08/22 09:27	06/09/22 19:53	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	✳	06/08/22 09:27	06/09/22 19:53	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	✳	06/08/22 09:27	06/09/22 19:53	1
4-Nitrophenol	<0.78		0.78	0.37	mg/Kg	✳	06/08/22 09:27	06/09/22 19:53	1
Acenaphthene	<0.038		0.038	0.0069	mg/Kg	✳	06/08/22 09:27	06/09/22 19:53	1
Acenaphthylene	<0.038		0.038	0.0051	mg/Kg	✳	06/08/22 09:27	06/09/22 19:53	1
Anthracene	<0.038		0.038	0.0064	mg/Kg	✳	06/08/22 09:27	06/09/22 19:53	1
Benzo[a]anthracene	<0.038		0.038	0.0052	mg/Kg	✳	06/08/22 09:27	06/09/22 19:53	1
Benzo[a]pyrene	<0.038		0.038	0.0074	mg/Kg	✳	06/08/22 09:27	06/09/22 19:53	1
Benzo[b]fluoranthene	<0.038		0.038	0.0083	mg/Kg	✳	06/08/22 09:27	06/09/22 19:53	1
Benzo[g,h,i]perylene	<0.038		0.038	0.012	mg/Kg	✳	06/08/22 09:27	06/09/22 19:53	1
Benzo[k]fluoranthene	<0.038		0.038	0.011	mg/Kg	✳	06/08/22 09:27	06/09/22 19:53	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	✳	06/08/22 09:27	06/09/22 19:53	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.058	mg/Kg	✳	06/08/22 09:27	06/09/22 19:53	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.070	mg/Kg	✳	06/08/22 09:27	06/09/22 19:53	1
Butyl benzyl phthalate	<0.19		0.19	0.073	mg/Kg	✳	06/08/22 09:27	06/09/22 19:53	1
Carbazole	<0.19		0.19	0.096	mg/Kg	✳	06/08/22 09:27	06/09/22 19:53	1
Chrysene	<0.038		0.038	0.010	mg/Kg	✳	06/08/22 09:27	06/09/22 19:53	1
Dibenz(a,h)anthracene	<0.038		0.038	0.0074	mg/Kg	✳	06/08/22 09:27	06/09/22 19:53	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	✳	06/08/22 09:27	06/09/22 19:53	1
Diethyl phthalate	<0.19		0.19	0.065	mg/Kg	✳	06/08/22 09:27	06/09/22 19:53	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	✳	06/08/22 09:27	06/09/22 19:53	1
Di-n-butyl phthalate	<0.19		0.19	0.059	mg/Kg	✳	06/08/22 09:27	06/09/22 19:53	1
Di-n-octyl phthalate	<0.19		0.19	0.063	mg/Kg	✳	06/08/22 09:27	06/09/22 19:53	1
Fluoranthene	<0.038		0.038	0.0071	mg/Kg	✳	06/08/22 09:27	06/09/22 19:53	1
Fluorene	<0.038		0.038	0.0054	mg/Kg	✳	06/08/22 09:27	06/09/22 19:53	1
Hexachlorobenzene	<0.078		0.078	0.0089	mg/Kg	✳	06/08/22 09:27	06/09/22 19:53	1
Hexachlorobutadiene	<0.19		0.19	0.060	mg/Kg	✳	06/08/22 09:27	06/09/22 19:53	1
Hexachlorocyclopentadiene	<0.78		0.78	0.22	mg/Kg	✳	06/08/22 09:27	06/09/22 19:53	1
Hexachloroethane	<0.19		0.19	0.058	mg/Kg	✳	06/08/22 09:27	06/09/22 19:53	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217251-1

**Client Sample ID: ROW-156(0-4)-052622**

**Lab Sample ID: 500-217251-11**

**Date Collected: 05/26/22 01:20**

**Matrix: Solid**

**Date Received: 05/26/22 17:45**

**Percent Solids: 83.2**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.038		0.038	0.010	mg/Kg	☼	06/08/22 09:27	06/09/22 19:53	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	06/08/22 09:27	06/09/22 19:53	1
Naphthalene	<0.038		0.038	0.0059	mg/Kg	☼	06/08/22 09:27	06/09/22 19:53	1
Nitrobenzene	<0.038		0.038	0.0096	mg/Kg	☼	06/08/22 09:27	06/09/22 19:53	1
N-Nitrosodi-n-propylamine	<0.078		0.078	0.047	mg/Kg	☼	06/08/22 09:27	06/09/22 19:53	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	☼	06/08/22 09:27	06/09/22 19:53	1
Pentachlorophenol	<0.78		0.78	0.62	mg/Kg	☼	06/08/22 09:27	06/09/22 19:53	1
Phenanthrene	<0.038		0.038	0.0054	mg/Kg	☼	06/08/22 09:27	06/09/22 19:53	1
Phenol	<0.19		0.19	0.085	mg/Kg	☼	06/08/22 09:27	06/09/22 19:53	1
Pyrene	<0.038		0.038	0.0076	mg/Kg	☼	06/08/22 09:27	06/09/22 19:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	104		31 - 143	06/08/22 09:27	06/09/22 19:53	1
2-Fluorobiphenyl (Surr)	80		43 - 145	06/08/22 09:27	06/09/22 19:53	1
2-Fluorophenol (Surr)	83		31 - 166	06/08/22 09:27	06/09/22 19:53	1
Nitrobenzene-d5 (Surr)	60		37 - 147	06/08/22 09:27	06/09/22 19:53	1
Phenol-d5 (Surr)	70		30 - 153	06/08/22 09:27	06/09/22 19:53	1
Terphenyl-d14 (Surr)	89		42 - 157	06/08/22 09:27	06/09/22 19:53	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/06/22 07:58	06/06/22 18:31	1
<b>Barium</b>	<b>0.30</b>	<b>J</b>	0.50	0.050	mg/L		06/06/22 07:58	06/06/22 18:31	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/06/22 07:58	06/06/22 18:31	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/06/22 07:58	06/06/22 18:31	1
Chromium	<0.025		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:31	1
Cobalt	<0.025		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:31	1
Copper	<0.025		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:31	1
Iron	<0.40		0.40	0.20	mg/L		06/06/22 07:58	06/06/22 18:31	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/06/22 07:58	06/06/22 18:31	1
<b>Manganese</b>	<b>0.62</b>		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:31	1
Nickel	<0.025		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:31	1
Selenium	<0.050		0.050	0.020	mg/L		06/06/22 07:58	06/06/22 18:31	1
Silver	<0.025		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:31	1
<b>Zinc</b>	<b>0.029</b>	<b>J</b>	0.50	0.020	mg/L		06/06/22 07:58	06/06/22 18:31	1

**Method: 6010B - Metals (ICP) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.063</b>		0.050	0.010	mg/L		06/06/22 08:01	06/06/22 22:01	1
<b>Barium</b>	<b>0.27</b>	<b>J</b>	0.50	0.050	mg/L		06/06/22 08:01	06/06/22 22:01	1
<b>Beryllium</b>	<b>0.0068</b>		0.0040	0.0040	mg/L		06/06/22 08:01	06/06/22 22:01	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/06/22 08:01	06/06/22 22:01	1
<b>Chromium</b>	<b>0.12</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 22:01	1
<b>Cobalt</b>	<b>0.053</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 22:01	1
<b>Copper</b>	<b>0.13</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 22:01	1
<b>Iron</b>	<b>130</b>		0.40	0.20	mg/L		06/06/22 08:01	06/06/22 22:01	1
<b>Lead</b>	<b>0.071</b>		0.0075	0.0075	mg/L		06/06/22 08:01	06/06/22 22:01	1
<b>Manganese</b>	<b>0.51</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 22:01	1
<b>Nickel</b>	<b>0.16</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 22:01	1
Selenium	<0.050		0.050	0.020	mg/L		06/06/22 08:01	06/06/22 22:01	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217251-1

**Client Sample ID: ROW-156(0-4)-052622**

**Lab Sample ID: 500-217251-11**

Date Collected: 05/26/22 01:20

Matrix: Solid

Date Received: 05/26/22 17:45

Percent Solids: 83.2

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 22:01	1
<b>Zinc</b>	<b>0.28</b>	<b>J</b>	0.50	0.020	mg/L		06/06/22 08:01	06/06/22 22:01	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>11000</b>		12	4.9	mg/Kg	☆	06/06/22 09:04	06/06/22 19:26	1
<b>Antimony</b>	<b>0.50</b>	<b>J B</b>	1.2	0.23	mg/Kg	☆	06/06/22 09:04	06/06/22 19:26	1
<b>Arsenic</b>	<b>7.0</b>		0.60	0.21	mg/Kg	☆	06/06/22 09:04	06/06/22 19:26	1
<b>Barium</b>	<b>35</b>		0.60	0.068	mg/Kg	☆	06/06/22 09:04	06/06/22 19:26	1
<b>Beryllium</b>	<b>0.82</b>		0.24	0.056	mg/Kg	☆	06/06/22 09:04	06/06/22 19:26	1
<b>Cadmium</b>	<b>0.19</b>	<b>B</b>	0.12	0.022	mg/Kg	☆	06/06/22 09:04	06/06/22 19:26	1
<b>Calcium</b>	<b>63000</b>		60	10	mg/Kg	☆	06/06/22 09:04	06/07/22 11:29	5
<b>Chromium</b>	<b>16</b>		0.60	0.30	mg/Kg	☆	06/06/22 09:04	06/06/22 19:26	1
<b>Cobalt</b>	<b>11</b>		0.30	0.079	mg/Kg	☆	06/06/22 09:04	06/06/22 19:26	1
<b>Copper</b>	<b>22</b>		0.60	0.17	mg/Kg	☆	06/06/22 09:04	06/06/22 19:26	1
<b>Iron</b>	<b>20000</b>		12	6.2	mg/Kg	☆	06/06/22 09:04	06/06/22 19:26	1
<b>Lead</b>	<b>13</b>		0.30	0.14	mg/Kg	☆	06/06/22 09:04	06/06/22 19:26	1
<b>Magnesium</b>	<b>27000</b>		6.0	3.0	mg/Kg	☆	06/06/22 09:04	06/06/22 19:26	1
<b>Manganese</b>	<b>280</b>		0.60	0.087	mg/Kg	☆	06/06/22 09:04	06/06/22 19:26	1
<b>Nickel</b>	<b>30</b>		0.60	0.17	mg/Kg	☆	06/06/22 09:04	06/06/22 19:26	1
<b>Potassium</b>	<b>2400</b>		30	11	mg/Kg	☆	06/06/22 09:04	06/06/22 19:26	1
Selenium	<0.60		0.60	0.35	mg/Kg	☆	06/06/22 09:04	06/06/22 19:26	1
<b>Silver</b>	<b>0.23</b>	<b>J</b>	0.30	0.077	mg/Kg	☆	06/06/22 09:04	06/06/22 19:26	1
<b>Sodium</b>	<b>860</b>		60	8.9	mg/Kg	☆	06/06/22 09:04	06/06/22 19:26	1
Thallium	<0.60		0.60	0.30	mg/Kg	☆	06/06/22 09:04	06/06/22 19:26	1
<b>Vanadium</b>	<b>19</b>		0.30	0.071	mg/Kg	☆	06/06/22 09:04	06/06/22 19:26	1
<b>Zinc</b>	<b>55</b>		1.2	0.53	mg/Kg	☆	06/06/22 09:04	06/06/22 19:26	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/22 13:15	06/06/22 11:27	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/22 13:15	06/06/22 13:28	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.018</b>	<b>J</b>	0.019	0.0063	mg/Kg	☆	06/03/22 16:35	06/06/22 09:16	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.5</b>		0.2	0.2	SU			06/02/22 15:55	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217251-1

**Client Sample ID: ROW-156(4-9)-052622**

**Lab Sample ID: 500-217251-12**

**Date Collected: 05/26/22 01:25**

**Matrix: Solid**

**Date Received: 05/26/22 17:45**

**Percent Solids: 88.6**

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0068	mg/Kg	☼	05/27/22 18:36	06/03/22 20:02	1
Benzene	<0.0016		0.0016	0.00040	mg/Kg	☼	05/27/22 18:36	06/03/22 20:02	1
Bromodichloromethane	<0.0016		0.0016	0.00032	mg/Kg	☼	05/27/22 18:36	06/03/22 20:02	1
Bromoform	<0.0016		0.0016	0.00046	mg/Kg	☼	05/27/22 18:36	06/03/22 20:02	1
Bromomethane	<0.0039		0.0039	0.0015	mg/Kg	☼	05/27/22 18:36	06/03/22 20:02	1
Carbon disulfide	<0.0039		0.0039	0.00081	mg/Kg	☼	05/27/22 18:36	06/03/22 20:02	1
Carbon tetrachloride	<0.0016		0.0016	0.00045	mg/Kg	☼	05/27/22 18:36	06/03/22 20:02	1
Chlorobenzene	<0.0016		0.0016	0.00058	mg/Kg	☼	05/27/22 18:36	06/03/22 20:02	1
Chloroethane	<0.0039		0.0039	0.0012	mg/Kg	☼	05/27/22 18:36	06/03/22 20:02	1
Chloroform	<0.0016		0.0016	0.00054	mg/Kg	☼	05/27/22 18:36	06/03/22 20:02	1
Chloromethane	<0.0039		0.0039	0.0016	mg/Kg	☼	05/27/22 18:36	06/03/22 20:02	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00044	mg/Kg	☼	05/27/22 18:36	06/03/22 20:02	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00047	mg/Kg	☼	05/27/22 18:36	06/03/22 20:02	1
Dibromochloromethane	<0.0016		0.0016	0.00051	mg/Kg	☼	05/27/22 18:36	06/03/22 20:02	1
1,1-Dichloroethane	<0.0016		0.0016	0.00054	mg/Kg	☼	05/27/22 18:36	06/03/22 20:02	1
1,2-Dichloroethane	<0.0039		0.0039	0.0012	mg/Kg	☼	05/27/22 18:36	06/03/22 20:02	1
1,1-Dichloroethene	<0.0016		0.0016	0.00054	mg/Kg	☼	05/27/22 18:36	06/03/22 20:02	1
1,2-Dichloropropane	<0.0016		0.0016	0.00040	mg/Kg	☼	05/27/22 18:36	06/03/22 20:02	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00055	mg/Kg	☼	05/27/22 18:36	06/03/22 20:02	1
Ethylbenzene	<0.0016		0.0016	0.00075	mg/Kg	☼	05/27/22 18:36	06/03/22 20:02	1
2-Hexanone	<0.0039		0.0039	0.0012	mg/Kg	☼	05/27/22 18:36	06/03/22 20:02	1
Methylene Chloride	<0.0039		0.0039	0.0015	mg/Kg	☼	05/27/22 18:36	06/03/22 20:02	1
Methyl Ethyl Ketone	<0.0039		0.0039	0.0017	mg/Kg	☼	05/27/22 18:36	06/03/22 20:02	1
methyl isobutyl ketone	<0.0039		0.0039	0.0012	mg/Kg	☼	05/27/22 18:36	06/03/22 20:02	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00046	mg/Kg	☼	05/27/22 18:36	06/03/22 20:02	1
Styrene	<0.0016		0.0016	0.00047	mg/Kg	☼	05/27/22 18:36	06/03/22 20:02	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00050	mg/Kg	☼	05/27/22 18:36	06/03/22 20:02	1
Tetrachloroethene	<0.0016		0.0016	0.00053	mg/Kg	☼	05/27/22 18:36	06/03/22 20:02	1
Toluene	<0.0016		0.0016	0.00040	mg/Kg	☼	05/27/22 18:36	06/03/22 20:02	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00069	mg/Kg	☼	05/27/22 18:36	06/03/22 20:02	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00055	mg/Kg	☼	05/27/22 18:36	06/03/22 20:02	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00053	mg/Kg	☼	05/27/22 18:36	06/03/22 20:02	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00067	mg/Kg	☼	05/27/22 18:36	06/03/22 20:02	1
Trichloroethene	<0.0016		0.0016	0.00053	mg/Kg	☼	05/27/22 18:36	06/03/22 20:02	1
Vinyl chloride	<0.0016		0.0016	0.00069	mg/Kg	☼	05/27/22 18:36	06/03/22 20:02	1
Xylenes, Total	<0.0031		0.0031	0.00050	mg/Kg	☼	05/27/22 18:36	06/03/22 20:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		75 - 131	05/27/22 18:36	06/03/22 20:02	1
Dibromofluoromethane (Surr)	99		75 - 126	05/27/22 18:36	06/03/22 20:02	1
1,2-Dichloroethane-d4 (Surr)	93		70 - 134	05/27/22 18:36	06/03/22 20:02	1
Toluene-d8 (Surr)	111		75 - 124	05/27/22 18:36	06/03/22 20:02	1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.039	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
1,2-Dichlorobenzene	<0.18		0.18	0.043	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
1,3-Dichlorobenzene	<0.18		0.18	0.041	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
1,4-Dichlorobenzene	<0.18		0.18	0.046	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.042	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1

Eurofins Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217251-1

**Client Sample ID: ROW-156(4-9)-052622**

**Lab Sample ID: 500-217251-12**

Date Collected: 05/26/22 01:25

Matrix: Solid

Date Received: 05/26/22 17:45

Percent Solids: 88.6

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.36		0.36	0.082	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
2,4,6-Trichlorophenol	<0.36		0.36	0.12	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
2,4-Dichlorophenol	<0.36		0.36	0.086	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
2,4-Dimethylphenol	<0.36		0.36	0.14	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
2,4-Dinitrophenol	<0.73		0.73	0.63	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
2,4-Dinitrotoluene	<0.18		0.18	0.057	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
2,6-Dinitrotoluene	<0.18		0.18	0.071	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
2-Chloronaphthalene	<0.18		0.18	0.040	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
2-Chlorophenol	<0.18		0.18	0.061	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
2-Methylnaphthalene	<0.073		0.073	0.0066	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
2-Methylphenol	<0.18		0.18	0.058	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
2-Nitroaniline	<0.18		0.18	0.048	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
2-Nitrophenol	<0.36		0.36	0.085	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
3 & 4 Methylphenol	<0.18		0.18	0.060	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.050	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
3-Nitroaniline	<0.36		0.36	0.11	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
4,6-Dinitro-2-methylphenol	<0.73		0.73	0.29	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.047	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
4-Chloro-3-methylphenol	<0.36		0.36	0.12	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
4-Chloroaniline	<0.73		0.73	0.17	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.042	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
4-Nitroaniline	<0.36		0.36	0.15	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
4-Nitrophenol	<0.73		0.73	0.34	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
Acenaphthene	<0.036		0.036	0.0065	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
Acenaphthylene	<0.036		0.036	0.0047	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
Anthracene	<0.036		0.036	0.0060	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
<b>Benzo[a]anthracene</b>	<b>0.010</b>	<b>J</b>	0.036	0.0048	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
<b>Benzo[a]pyrene</b>	<b>0.014</b>	<b>J</b>	0.036	0.0070	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
<b>Benzo[b]fluoranthene</b>	<b>0.023</b>	<b>J</b>	0.036	0.0078	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
<b>Benzo[g,h,i]perylene</b>	<b>0.014</b>	<b>J</b>	0.036	0.012	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
Benzo[k]fluoranthene	<0.036		0.036	0.011	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.037	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.054	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.066	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
Butyl benzyl phthalate	<0.18		0.18	0.069	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
Carbazole	<0.18		0.18	0.090	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
<b>Chrysene</b>	<b>0.020</b>	<b>J</b>	0.036	0.0098	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
Dibenz(a,h)anthracene	<0.036		0.036	0.0070	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
Dibenzofuran	<0.18		0.18	0.042	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
Diethyl phthalate	<0.18		0.18	0.061	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
Dimethyl phthalate	<0.18		0.18	0.047	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
Di-n-butyl phthalate	<0.18		0.18	0.055	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
Di-n-octyl phthalate	<0.18		0.18	0.059	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
<b>Fluoranthene</b>	<b>0.025</b>	<b>J</b>	0.036	0.0067	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
Fluorene	<0.036		0.036	0.0051	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
Hexachlorobenzene	<0.073		0.073	0.0083	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
Hexachlorobutadiene	<0.18		0.18	0.057	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
Hexachlorocyclopentadiene	<0.73		0.73	0.21	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
Hexachloroethane	<0.18		0.18	0.055	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217251-1

Client Sample ID: ROW-156(4-9)-052622

Lab Sample ID: 500-217251-12

Date Collected: 05/26/22 01:25

Matrix: Solid

Date Received: 05/26/22 17:45

Percent Solids: 88.6

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.010</b>	<b>J</b>	0.036	0.0093	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
Isophorone	<0.18		0.18	0.040	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
Naphthalene	<0.036		0.036	0.0055	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
Nitrobenzene	<0.036		0.036	0.0090	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
N-Nitrosodi-n-propylamine	<0.073		0.073	0.044	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
N-Nitrosodiphenylamine	<0.18		0.18	0.043	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
Pentachlorophenol	<0.73		0.73	0.58	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
<b>Phenanthrene</b>	<b>0.0095</b>	<b>J</b>	0.036	0.0050	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
Phenol	<0.18		0.18	0.080	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
<b>Pyrene</b>	<b>0.021</b>	<b>J</b>	0.036	0.0072	mg/Kg	☼	06/08/22 09:27	06/09/22 20:17	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
2,4,6-Tribromophenol (Surr)	104		31 - 143				06/08/22 09:27	06/09/22 20:17	1
2-Fluorobiphenyl (Surr)	84		43 - 145				06/08/22 09:27	06/09/22 20:17	1
2-Fluorophenol (Surr)	85		31 - 166				06/08/22 09:27	06/09/22 20:17	1
Nitrobenzene-d5 (Surr)	62		37 - 147				06/08/22 09:27	06/09/22 20:17	1
Phenol-d5 (Surr)	76		30 - 153				06/08/22 09:27	06/09/22 20:17	1
Terphenyl-d14 (Surr)	93		42 - 157				06/08/22 09:27	06/09/22 20:17	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/06/22 07:58	06/06/22 18:44	1
<b>Barium</b>	<b>0.30</b>	<b>J</b>	0.50	0.050	mg/L		06/06/22 07:58	06/06/22 18:44	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/06/22 07:58	06/06/22 18:44	1
<b>Cadmium</b>	<b>0.0026</b>	<b>J</b>	0.0050	0.0020	mg/L		06/06/22 07:58	06/06/22 18:44	1
Chromium	<0.025		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:44	1
<b>Cobalt</b>	<b>0.058</b>		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:44	1
Copper	<0.025		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:44	1
Iron	<0.40		0.40	0.20	mg/L		06/06/22 07:58	06/06/22 18:44	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/06/22 07:58	06/07/22 10:42	1
<b>Manganese</b>	<b>4.1</b>		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:44	1
<b>Nickel</b>	<b>0.046</b>		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:44	1
Selenium	<0.050		0.050	0.020	mg/L		06/06/22 07:58	06/06/22 18:44	1
Silver	<0.025		0.025	0.010	mg/L		06/06/22 07:58	06/06/22 18:44	1
<b>Zinc</b>	<b>0.078</b>	<b>J</b>	0.50	0.020	mg/L		06/06/22 07:58	06/06/22 18:44	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.073</b>		0.050	0.010	mg/L		06/06/22 08:01	06/06/22 22:04	1
<b>Barium</b>	<b>0.25</b>	<b>J</b>	0.50	0.050	mg/L		06/06/22 08:01	06/06/22 22:04	1
<b>Beryllium</b>	<b>0.0060</b>		0.0040	0.0040	mg/L		06/06/22 08:01	06/06/22 22:04	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/06/22 08:01	06/06/22 22:04	1
<b>Chromium</b>	<b>0.11</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 22:04	1
<b>Cobalt</b>	<b>0.061</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 22:04	1
<b>Copper</b>	<b>0.17</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 22:04	1
<b>Iron</b>	<b>140</b>		0.40	0.20	mg/L		06/06/22 08:01	06/06/22 22:04	1
<b>Lead</b>	<b>0.074</b>		0.0075	0.0075	mg/L		06/06/22 08:01	06/06/22 22:04	1
<b>Manganese</b>	<b>0.63</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 22:04	1
<b>Nickel</b>	<b>0.16</b>		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 22:04	1
Selenium	<0.050		0.050	0.020	mg/L		06/06/22 08:01	06/06/22 22:04	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217251-1

**Client Sample ID: ROW-156(4-9)-052622**

**Lab Sample ID: 500-217251-12**

Date Collected: 05/26/22 01:25

Matrix: Solid

Date Received: 05/26/22 17:45

Percent Solids: 88.6

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/06/22 08:01	06/06/22 22:04	1
<b>Zinc</b>	<b>0.36</b>	<b>J</b>	0.50	0.020	mg/L		06/06/22 08:01	06/06/22 22:04	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>9200</b>		11	4.5	mg/Kg	☆	06/06/22 09:04	06/06/22 19:29	1
<b>Antimony</b>	<b>0.38</b>	<b>J B</b>	1.1	0.21	mg/Kg	☆	06/06/22 09:04	06/06/22 19:29	1
<b>Arsenic</b>	<b>10</b>		0.55	0.19	mg/Kg	☆	06/06/22 09:04	06/06/22 19:29	1
<b>Barium</b>	<b>34</b>		0.55	0.062	mg/Kg	☆	06/06/22 09:04	06/06/22 19:29	1
<b>Beryllium</b>	<b>0.76</b>		0.22	0.051	mg/Kg	☆	06/06/22 09:04	06/06/22 19:29	1
<b>Cadmium</b>	<b>0.19</b>	<b>B</b>	0.11	0.020	mg/Kg	☆	06/06/22 09:04	06/06/22 19:29	1
<b>Calcium</b>	<b>70000</b>		55	9.2	mg/Kg	☆	06/06/22 09:04	06/07/22 11:32	5
<b>Chromium</b>	<b>15</b>		0.55	0.27	mg/Kg	☆	06/06/22 09:04	06/06/22 19:29	1
<b>Cobalt</b>	<b>11</b>		0.27	0.071	mg/Kg	☆	06/06/22 09:04	06/06/22 19:29	1
<b>Copper</b>	<b>30</b>		0.55	0.15	mg/Kg	☆	06/06/22 09:04	06/06/22 19:29	1
<b>Iron</b>	<b>18000</b>		11	5.7	mg/Kg	☆	06/06/22 09:04	06/06/22 19:29	1
<b>Lead</b>	<b>15</b>		0.27	0.13	mg/Kg	☆	06/06/22 09:04	06/06/22 19:29	1
<b>Magnesium</b>	<b>33000</b>		5.5	2.7	mg/Kg	☆	06/06/22 09:04	06/06/22 19:29	1
<b>Manganese</b>	<b>300</b>		0.55	0.079	mg/Kg	☆	06/06/22 09:04	06/06/22 19:29	1
<b>Nickel</b>	<b>30</b>		0.55	0.16	mg/Kg	☆	06/06/22 09:04	06/06/22 19:29	1
<b>Potassium</b>	<b>2100</b>		27	9.7	mg/Kg	☆	06/06/22 09:04	06/06/22 19:29	1
Selenium	<0.55		0.55	0.32	mg/Kg	☆	06/06/22 09:04	06/06/22 19:29	1
<b>Silver</b>	<b>0.21</b>	<b>J</b>	0.27	0.070	mg/Kg	☆	06/06/22 09:04	06/06/22 19:29	1
<b>Sodium</b>	<b>740</b>		55	8.1	mg/Kg	☆	06/06/22 09:04	06/06/22 19:29	1
<b>Thallium</b>	<b>0.32</b>	<b>J</b>	0.55	0.27	mg/Kg	☆	06/06/22 09:04	06/06/22 19:29	1
<b>Vanadium</b>	<b>18</b>		0.27	0.064	mg/Kg	☆	06/06/22 09:04	06/06/22 19:29	1
<b>Zinc</b>	<b>55</b>		1.1	0.48	mg/Kg	☆	06/06/22 09:04	06/06/22 19:29	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/22 13:15	06/06/22 11:29	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/22 13:15	06/06/22 13:30	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.026</b>		0.016	0.0054	mg/Kg	☆	06/03/22 16:35	06/06/22 09:18	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.6</b>		0.2	0.2	SU			06/02/22 15:55	1

# Definitions/Glossary

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217251-1

## Qualifiers

### GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

### GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
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
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.
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
F3	Duplicate RPD exceeds the control limit
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)

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# Definitions/Glossary

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-217251-1

## Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

1

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# Chain of Custody Record

524245



Environment Testing  
TestAmerica

Address \_\_\_\_\_

Regulatory Program:  DW  NPDES  RCRA  Other

TAL-8210

Client Contact		Project Manager <b>A Slezars</b>		Site Contact <b>C. Price</b>		Date <b>5.25.22</b>		COC No <b>2</b> of <b>3</b> COCs			
Company Name <b>Weston Solutions</b>		Tel/Email:		Lab Contact <b>R. W. Hunt</b>		Carrier		Sampler			
Address <b>300 Knightsbridge Parkway</b>		Analysis Turnaround Time		Filtered Sample (Y/N) <b>VOCs</b> Perform MS / MSD (Y/N) <b>SUCS</b> <b>Total Metals</b> <b>TEP/SAP metals</b> <b>pH</b>		500-217251 COC		For Lab Use Only			
City/State/Zip <b>Lisle, IL 60532</b>		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS						Walk-in Client <input type="checkbox"/>		Lab Sampling <input type="checkbox"/>	
Phone		TAT if different from Below _____						Job / SDG No <b>500-217251</b>			
Fax		<input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day									
Project Name <b>POST OIA</b>											
Site <b>I-80</b>											
P O #											
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp G=Grab)	Matrix	# of Cont.					
1	Row-148(4-9)-052522	5-25-22	0255	G	S	6	X	X	X		
2	Row-149(0-4)-052522		2330								
3	Row-149(4-9)-052522		2335								
4	Row-152(0-4)-052522		2340								
5	Row-152(0-4)-052522		2340								
6	Row-154(0-4)-052522		2350								
7	Row-154(4-9)-052522		2355								
8	Row-152(4-9)-052522	↓	2345								
9	Row-155(0-4)-052622	5-26-22	0010								
10	Row-155(4-9)-052622	↓	0015								
11	Row-156(0-4)-052622	↓	0020								
12	Row-156(4-9)-052622	↓	0025								
Preservation Used: 1=Ice, 2=HCl; 3=H2SO4; 4=HNO3; 5=NaOH; 6=Other											
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample							Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)				
<input checked="" type="checkbox"/> Non Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown							<input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months				
Special Instructions/QC Requirements & Comments:											
Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Custody Seal No _____ Cooler Temp (°C) Obs'd _____ Corr'd _____ Therm ID No _____											
Relinquished by		Company <b>WS</b>		Date/Time <b>5/26/22</b>		Received by		Company <b>EGTA</b>			
Relinquished by		Company <b>EGTA</b>		Date/Time <b>5/26/22</b>		Received by		Company _____			
Relinquished by		Company _____		Date/Time _____		Received in Laboratory by <b>Paula Buckley</b>		Company <b>EGTA</b>			



# Chain of Custody Record

524248



Environment Testing  
TestAmerica

TAL-8210

Address \_\_\_\_\_

Regulatory Program:  DW  NPDES  RCRA  Other

<b>Client Contact</b> Company Name: <u>Western Solutions</u> Address: <u>300 Knightsbridge Drive SE 380</u> City/State/Zip: <u>Woloshire, DC 6069</u> Phone: _____ Fax: _____ Project Name: <u>ROST 019</u> Site: <u>I-80</u> P O #: _____		<b>Project Manager:</b> <u>A. Slesers</u> Tel/Email: _____		<b>Site Contact:</b> <u>C. Pene</u> Lab Contact: <u>R. Wright</u>		Date: <u>5-26-22</u> Carrier: _____		COC No: _____ _____ of _____ COCs	
<b>Analysis Turnaround Time</b> <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____ <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		<b>Sample Identification</b> Sample Date: _____ Sample Time: _____ Sample Type (C=Comp G=Grab): _____ Matrix: _____ # of Cont.: _____		Filtered Sample (Y/N) _____ Perform MS/MSD (Y/N) _____ <u>VOCs</u> <u>S/VOCs</u> <u>Total Metals</u> <u>TRP/SAP Metals</u> <u>pH</u>		<b>For Lab Use Only</b> Walk-in Client: <input type="checkbox"/> Lab Sampling: <input type="checkbox"/> Job / SDG No: <u>500-217251</u>		Sample Specific Notes	
B 14 15 RR-105 (05)-052622 RR-105 (5-10)-052622 RR-105 (5-10)-052622D		5-26-22 0130 ↓ 0135 ↓ 0135		G S C ↓ ↓ ↓ ↓ ↓ ↓		X X X X ↓ ↓ ↓ ↓ ↓			
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other _____									
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample <input checked="" type="checkbox"/> Ion Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months				
Special Instructions/QC Requirements & Comments: _____									
Custody Seals Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No: _____		Cooler Temp (°C) Obs'd: _____ Corr'd: _____		Therm ID No: _____			
Relinquished by: <u>[Signature]</u>		Company: <u>WS</u>		Date/Time: <u>5/26/22 1615</u>		Received by: <u>[Signature]</u>		Company: <u>EE7A</u>	
Relinquished by: <u>[Signature]</u>		Company: <u>EE7A</u>		Date/Time: <u>5/26/22</u>		Received by: _____		Company: _____	
Relinquished by: _____		Company: _____		Date/Time: _____		Received in Laboratory by: <u>Paulea Buckley</u>		Company: <u>EE7A</u>	
								Date/Time: <u>5/26/22 1745</u>	

## ANALYTICAL REPORT

Eurofins Chicago  
2417 Bond Street  
University Park, IL 60484  
Tel: (708)534-5200

Laboratory Job ID: 500-220919-1  
Client Project/Site: IDOT - I-80 - WO 019

For:  
Weston Solutions, Inc.  
300 Knightsbridge Parkway  
Suite 360  
Lincolnshire, Illinois 60069

Attn: Mr. Andris Slesers



Authorized for release by:  
9/1/2022 5:33:25 PM

Richard Wright, Senior Project Manager  
(708)746-0045

[Richard.Wright@et.eurofinsus.com](mailto:Richard.Wright@et.eurofinsus.com)

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220919-1

**Client Sample ID: ROW-209(0-5)-081522**

**Lab Sample ID: 500-220919-8**

**Date Collected: 08/15/22 13:00**

**Matrix: Solid**

**Date Received: 08/16/22 11:50**

**Percent Solids: 83.7**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>0.013</b>	<b>J</b>	0.017	0.0073	mg/Kg	☼	08/16/22 18:04	08/24/22 15:10	1
Benzene	<0.0017		0.0017	0.00043	mg/Kg	☼	08/16/22 18:04	08/24/22 15:10	1
Bromodichloromethane	<0.0017		0.0017	0.00034	mg/Kg	☼	08/16/22 18:04	08/24/22 15:10	1
Bromoform	<0.0017		0.0017	0.00049	mg/Kg	☼	08/16/22 18:04	08/24/22 15:10	1
Bromomethane	<0.0042		0.0042	0.0016	mg/Kg	☼	08/16/22 18:04	08/24/22 15:10	1
Carbon disulfide	<0.0042		0.0042	0.00087	mg/Kg	☼	08/16/22 18:04	08/24/22 15:10	1
Carbon tetrachloride	<0.0017		0.0017	0.00049	mg/Kg	☼	08/16/22 18:04	08/24/22 15:10	1
Chlorobenzene	<0.0017		0.0017	0.00062	mg/Kg	☼	08/16/22 18:04	08/24/22 15:10	1
Chloroethane	<0.0042		0.0042	0.0012	mg/Kg	☼	08/16/22 18:04	08/24/22 15:10	1
Chloroform	<0.0017		0.0017	0.00058	mg/Kg	☼	08/16/22 18:04	08/24/22 15:10	1
Chloromethane	<0.0042		0.0042	0.0017	mg/Kg	☼	08/16/22 18:04	08/24/22 15:10	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00047	mg/Kg	☼	08/16/22 18:04	08/24/22 15:10	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00051	mg/Kg	☼	08/16/22 18:04	08/24/22 15:10	1
Dibromochloromethane	<0.0017		0.0017	0.00055	mg/Kg	☼	08/16/22 18:04	08/24/22 15:10	1
1,1-Dichloroethane	<0.0017		0.0017	0.00057	mg/Kg	☼	08/16/22 18:04	08/24/22 15:10	1
1,2-Dichloroethane	<0.0042		0.0042	0.0013	mg/Kg	☼	08/16/22 18:04	08/24/22 15:10	1
1,1-Dichloroethene	<0.0017		0.0017	0.00058	mg/Kg	☼	08/16/22 18:04	08/24/22 15:10	1
1,2-Dichloropropane	<0.0017		0.0017	0.00043	mg/Kg	☼	08/16/22 18:04	08/24/22 15:10	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00059	mg/Kg	☼	08/16/22 18:04	08/24/22 15:10	1
Ethylbenzene	<0.0017		0.0017	0.00080	mg/Kg	☼	08/16/22 18:04	08/24/22 15:10	1
2-Hexanone	<0.0042		0.0042	0.0013	mg/Kg	☼	08/16/22 18:04	08/24/22 15:10	1
Methylene Chloride	<0.0042		0.0042	0.0017	mg/Kg	☼	08/16/22 18:04	08/24/22 15:10	1
Methyl Ethyl Ketone	<0.0042		0.0042	0.0019	mg/Kg	☼	08/16/22 18:04	08/24/22 15:10	1
methyl isobutyl ketone	<0.0042		0.0042	0.0012	mg/Kg	☼	08/16/22 18:04	08/24/22 15:10	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00049	mg/Kg	☼	08/16/22 18:04	08/24/22 15:10	1
Styrene	<0.0017		0.0017	0.00051	mg/Kg	☼	08/16/22 18:04	08/24/22 15:10	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00054	mg/Kg	☼	08/16/22 18:04	08/24/22 15:10	1
Tetrachloroethene	<0.0017		0.0017	0.00057	mg/Kg	☼	08/16/22 18:04	08/24/22 15:10	1
Toluene	<0.0017		0.0017	0.00042	mg/Kg	☼	08/16/22 18:04	08/24/22 15:10	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00074	mg/Kg	☼	08/16/22 18:04	08/24/22 15:10	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00059	mg/Kg	☼	08/16/22 18:04	08/24/22 15:10	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00056	mg/Kg	☼	08/16/22 18:04	08/24/22 15:10	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00072	mg/Kg	☼	08/16/22 18:04	08/24/22 15:10	1
Trichloroethene	<0.0017		0.0017	0.00057	mg/Kg	☼	08/16/22 18:04	08/24/22 15:10	1
Vinyl chloride	<0.0017		0.0017	0.00074	mg/Kg	☼	08/16/22 18:04	08/24/22 15:10	1
Xylenes, Total	<0.0034		0.0034	0.00054	mg/Kg	☼	08/16/22 18:04	08/24/22 15:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>4-Bromofluorobenzene (Surr)</i>	111		75 - 131	08/16/22 18:04	08/24/22 15:10	1
<i>Dibromofluoromethane (Surr)</i>	109		75 - 126	08/16/22 18:04	08/24/22 15:10	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	112		70 - 134	08/16/22 18:04	08/24/22 15:10	1
<i>Toluene-d8 (Surr)</i>	95		75 - 124	08/16/22 18:04	08/24/22 15:10	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.043	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
1,4-Dichlorobenzene	<0.20		0.20	0.051	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220919-1

**Client Sample ID: ROW-209(0-5)-081522**

**Lab Sample ID: 500-220919-8**

**Date Collected: 08/15/22 13:00**

**Matrix: Solid**

**Date Received: 08/16/22 11:50**

**Percent Solids: 83.7**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.090	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
2,4,6-Trichlorophenol	<0.39		0.39	0.14	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
2,4-Dichlorophenol	<0.39		0.39	0.094	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
2,4-Dinitrophenol	<0.80		0.80	0.70	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
2,4-Dinitrotoluene	<0.20		0.20	0.063	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
2,6-Dinitrotoluene	<0.20		0.20	0.078	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
2-Chlorophenol	<0.20	*+	0.20	0.067	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
2-Methylnaphthalene	<0.080		0.080	0.0073	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
2-Nitrophenol	<0.39		0.39	0.093	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
3 & 4 Methylphenol	<0.20		0.20	0.066	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
4,6-Dinitro-2-methylphenol	<0.80		0.80	0.32	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
4-Chloroaniline	<0.80		0.80	0.19	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
4-Nitroaniline	<0.39		0.39	0.17	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
4-Nitrophenol	<0.80		0.80	0.38	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
Acenaphthene	<0.039		0.039	0.0071	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
Anthracene	<0.039		0.039	0.0066	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
<b>Benzo[a]anthracene</b>	<b>0.0076</b>	<b>J</b>	0.039	0.0053	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
Benzo[a]pyrene	<0.039		0.039	0.0076	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
<b>Benzo[b]fluoranthene</b>	<b>0.017</b>	<b>J</b>	0.039	0.0085	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
Benzo[g,h,i]perylene	<0.039		0.039	0.013	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
Benzo[k]fluoranthene	<0.039		0.039	0.012	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
Butyl benzyl phthalate	<0.20		0.20	0.075	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
Carbazole	<0.20		0.20	0.099	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
<b>Chrysene</b>	<b>0.019</b>	<b>J</b>	0.039	0.011	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
Dibenz(a,h)anthracene	<0.039		0.039	0.0076	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
Diethyl phthalate	<0.20		0.20	0.067	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
Dimethyl phthalate	<0.20		0.20	0.052	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
<b>Fluoranthene</b>	<b>0.023</b>	<b>J</b>	0.039	0.0073	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
Fluorene	<0.039		0.039	0.0055	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
Hexachlorobenzene	<0.080		0.080	0.0091	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
Hexachlorocyclopentadiene	<0.80		0.80	0.23	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
Hexachloroethane	<0.20		0.20	0.060	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220919-1

**Client Sample ID: ROW-209(0-5)-081522**

**Lab Sample ID: 500-220919-8**

**Date Collected: 08/15/22 13:00**

**Matrix: Solid**

**Date Received: 08/16/22 11:50**

**Percent Solids: 83.7**

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.039		0.039	0.010	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
<b>Naphthalene</b>	<b>0.0063</b>	<b>J</b>	0.039	0.0061	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
Nitrobenzene	<0.039		0.039	0.0098	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
N-Nitrosodi-n-propylamine	<0.080		0.080	0.048	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
N-Nitrosodiphenylamine	<0.20		0.20	0.047	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
Pentachlorophenol	<0.80		0.80	0.63	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
<b>Phenanthrene</b>	<b>0.025</b>	<b>J</b>	0.039	0.0055	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
Phenol	<0.20		0.20	0.088	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
<b>Pyrene</b>	<b>0.018</b>	<b>J</b>	0.039	0.0078	mg/Kg	☼	08/26/22 13:11	08/31/22 18:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	106		31 - 143				08/26/22 13:11	08/31/22 18:45	1
2-Fluorobiphenyl (Surr)	81		43 - 145				08/26/22 13:11	08/31/22 18:45	1
2-Fluorophenol (Surr)	124		31 - 166				08/26/22 13:11	08/31/22 18:45	1
Nitrobenzene-d5 (Surr)	72		37 - 147				08/26/22 13:11	08/31/22 18:45	1
Phenol-d5 (Surr)	108		30 - 153				08/26/22 13:11	08/31/22 18:45	1
Terphenyl-d14 (Surr)	106		42 - 157				08/26/22 13:11	08/31/22 18:45	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		08/23/22 07:58	08/23/22 21:50	1
<b>Barium</b>	<b>0.60</b>		0.50	0.050	mg/L		08/23/22 07:58	08/23/22 21:50	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		08/23/22 07:58	08/23/22 21:50	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		08/23/22 07:58	08/23/22 21:50	1
Chromium	<0.025		0.025	0.010	mg/L		08/23/22 07:58	08/23/22 21:50	1
<b>Cobalt</b>	<b>0.011</b>	<b>J</b>	0.025	0.010	mg/L		08/23/22 07:58	08/23/22 21:50	1
Copper	<0.025		0.025	0.010	mg/L		08/23/22 07:58	08/23/22 21:50	1
Iron	<0.40		0.40	0.20	mg/L		08/23/22 07:58	08/23/22 21:50	1
Lead	<0.0075		0.0075	0.0075	mg/L		08/23/22 07:58	08/23/22 21:50	1
<b>Manganese</b>	<b>4.2</b>		0.025	0.010	mg/L		08/23/22 07:58	08/23/22 21:50	1
Nickel	<0.025		0.025	0.010	mg/L		08/23/22 07:58	08/23/22 21:50	1
Selenium	<0.050		0.050	0.020	mg/L		08/23/22 07:58	08/23/22 21:50	1
Silver	<0.025		0.025	0.010	mg/L		08/23/22 07:58	08/23/22 21:50	1
<b>Zinc</b>	<b>0.043</b>	<b>J</b>	0.50	0.020	mg/L		08/23/22 07:58	08/23/22 21:50	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.052</b>		0.050	0.010	mg/L		08/24/22 08:57	08/25/22 11:41	1
<b>Barium</b>	<b>0.31</b>	<b>J</b>	0.50	0.050	mg/L		08/24/22 08:57	08/25/22 11:41	1
<b>Beryllium</b>	<b>0.0047</b>		0.0040	0.0040	mg/L		08/24/22 08:57	08/25/22 11:41	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		08/24/22 08:57	08/25/22 11:41	1
<b>Chromium</b>	<b>0.096</b>		0.025	0.010	mg/L		08/24/22 08:57	08/25/22 11:41	1
<b>Cobalt</b>	<b>0.047</b>		0.025	0.010	mg/L		08/24/22 08:57	08/25/22 11:41	1
<b>Copper</b>	<b>0.12</b>		0.025	0.010	mg/L		08/24/22 08:57	08/25/22 11:41	1
<b>Iron</b>	<b>110</b>		0.40	0.20	mg/L		08/24/22 08:57	08/25/22 11:41	1
<b>Lead</b>	<b>0.077</b>		0.0075	0.0075	mg/L		08/24/22 08:57	08/25/22 11:41	1
<b>Manganese</b>	<b>1.1</b>		0.025	0.010	mg/L		08/24/22 08:57	08/25/22 11:41	1
<b>Nickel</b>	<b>0.11</b>		0.025	0.010	mg/L		08/24/22 08:57	08/25/22 11:41	1
Selenium	<0.050		0.050	0.020	mg/L		08/24/22 08:57	08/25/22 11:41	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220919-1

**Client Sample ID: ROW-209(0-5)-081522**

**Lab Sample ID: 500-220919-8**

Date Collected: 08/15/22 13:00

Matrix: Solid

Date Received: 08/16/22 11:50

Percent Solids: 83.7

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		08/24/22 08:57	08/25/22 11:41	1
<b>Zinc</b>	<b>0.28</b>	<b>J</b>	0.50	0.020	mg/L		08/24/22 08:57	08/25/22 11:41	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>8300</b>		11	4.7	mg/Kg	☆	08/19/22 15:40	08/22/22 13:17	1
Antimony	<1.1		1.1	0.22	mg/Kg	☆	08/19/22 15:40	08/22/22 13:17	1
<b>Arsenic</b>	<b>6.5</b>		0.57	0.20	mg/Kg	☆	08/19/22 15:40	08/22/22 13:17	1
<b>Barium</b>	<b>58</b>		0.57	0.065	mg/Kg	☆	08/19/22 15:40	08/22/22 13:17	1
<b>Beryllium</b>	<b>0.61</b>		0.23	0.054	mg/Kg	☆	08/19/22 15:40	08/22/22 13:17	1
<b>Cadmium</b>	<b>0.12</b>		0.11	0.021	mg/Kg	☆	08/19/22 15:40	08/22/22 13:17	1
<b>Calcium</b>	<b>64000</b>	<b>B</b>	57	9.7	mg/Kg	☆	08/19/22 15:40	08/22/22 18:29	5
<b>Chromium</b>	<b>11</b>		0.57	0.28	mg/Kg	☆	08/19/22 15:40	08/22/22 13:17	1
<b>Cobalt</b>	<b>8.8</b>		0.29	0.075	mg/Kg	☆	08/19/22 15:40	08/22/22 13:17	1
<b>Copper</b>	<b>17</b>		0.57	0.16	mg/Kg	☆	08/19/22 15:40	08/22/22 13:17	1
<b>Iron</b>	<b>15000</b>		11	6.0	mg/Kg	☆	08/19/22 15:40	08/22/22 13:17	1
<b>Lead</b>	<b>13</b>		0.29	0.13	mg/Kg	☆	08/19/22 15:40	08/22/22 13:17	1
<b>Magnesium</b>	<b>28000</b>		5.7	2.8	mg/Kg	☆	08/19/22 15:40	08/22/22 13:17	1
<b>Manganese</b>	<b>320</b>		0.57	0.083	mg/Kg	☆	08/19/22 15:40	08/22/22 13:17	1
<b>Nickel</b>	<b>20</b>		0.57	0.17	mg/Kg	☆	08/19/22 15:40	08/22/22 13:17	1
<b>Potassium</b>	<b>1300</b>		29	10	mg/Kg	☆	08/19/22 15:40	08/22/22 13:17	1
Selenium	<0.57		0.57	0.34	mg/Kg	☆	08/19/22 15:40	08/22/22 13:17	1
<b>Silver</b>	<b>0.26</b>	<b>J</b>	0.29	0.074	mg/Kg	☆	08/19/22 15:40	08/22/22 13:17	1
<b>Sodium</b>	<b>1400</b>		57	8.5	mg/Kg	☆	08/19/22 15:40	08/22/22 13:17	1
Thallium	<0.57		0.57	0.29	mg/Kg	☆	08/19/22 15:40	08/22/22 13:17	1
<b>Vanadium</b>	<b>16</b>	<b>B</b>	0.29	0.068	mg/Kg	☆	08/19/22 15:40	08/22/22 13:17	1
<b>Zinc</b>	<b>52</b>		1.1	0.50	mg/Kg	☆	08/19/22 15:40	08/22/22 13:17	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		08/22/22 15:45	08/23/22 09:02	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.00022</b>		0.00020	0.00020	mg/L		08/22/22 15:45	08/23/22 09:55	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.035</b>		0.019	0.0063	mg/Kg	☆	08/22/22 15:05	08/23/22 06:39	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>7.9</b>		0.2	0.2	SU			08/19/22 19:06	1

# Client Sample Results

Client: Weston Solutions, Inc.  
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220919-1

**Client Sample ID: ROW-209(5-10)-081522**

**Lab Sample ID: 500-220919-9**

**Date Collected: 08/15/22 13:05**

**Matrix: Solid**

**Date Received: 08/16/22 11:50**

**Percent Solids: 78.5**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.021		0.019	0.0083	mg/Kg	✳	08/16/22 18:04	08/24/22 15:36	1
Benzene	<0.0019		0.0019	0.00049	mg/Kg	✳	08/16/22 18:04	08/24/22 15:36	1
Bromodichloromethane	<0.0019		0.0019	0.00039	mg/Kg	✳	08/16/22 18:04	08/24/22 15:36	1
Bromoform	<0.0019		0.0019	0.00056	mg/Kg	✳	08/16/22 18:04	08/24/22 15:36	1
Bromomethane	<0.0048		0.0048	0.0018	mg/Kg	✳	08/16/22 18:04	08/24/22 15:36	1
Carbon disulfide	<0.0048		0.0048	0.00099	mg/Kg	✳	08/16/22 18:04	08/24/22 15:36	1
Carbon tetrachloride	<0.0019		0.0019	0.00055	mg/Kg	✳	08/16/22 18:04	08/24/22 15:36	1
Chlorobenzene	<0.0019		0.0019	0.00071	mg/Kg	✳	08/16/22 18:04	08/24/22 15:36	1
Chloroethane	<0.0048		0.0048	0.0014	mg/Kg	✳	08/16/22 18:04	08/24/22 15:36	1
Chloroform	<0.0019		0.0019	0.00066	mg/Kg	✳	08/16/22 18:04	08/24/22 15:36	1
Chloromethane	<0.0048		0.0048	0.0019	mg/Kg	✳	08/16/22 18:04	08/24/22 15:36	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00053	mg/Kg	✳	08/16/22 18:04	08/24/22 15:36	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00058	mg/Kg	✳	08/16/22 18:04	08/24/22 15:36	1
Dibromochloromethane	<0.0019		0.0019	0.00062	mg/Kg	✳	08/16/22 18:04	08/24/22 15:36	1
1,1-Dichloroethane	<0.0019		0.0019	0.00065	mg/Kg	✳	08/16/22 18:04	08/24/22 15:36	1
1,2-Dichloroethane	<0.0048		0.0048	0.0015	mg/Kg	✳	08/16/22 18:04	08/24/22 15:36	1
1,1-Dichloroethene	<0.0019		0.0019	0.00066	mg/Kg	✳	08/16/22 18:04	08/24/22 15:36	1
1,2-Dichloropropane	<0.0019		0.0019	0.00049	mg/Kg	✳	08/16/22 18:04	08/24/22 15:36	1
1,3-Dichloropropane, Total	<0.0019		0.0019	0.00067	mg/Kg	✳	08/16/22 18:04	08/24/22 15:36	1
Ethylbenzene	<0.0019		0.0019	0.00091	mg/Kg	✳	08/16/22 18:04	08/24/22 15:36	1
2-Hexanone	<0.0048		0.0048	0.0015	mg/Kg	✳	08/16/22 18:04	08/24/22 15:36	1
Methylene Chloride	<0.0048		0.0048	0.0019	mg/Kg	✳	08/16/22 18:04	08/24/22 15:36	1
Methyl Ethyl Ketone	<0.0048		0.0048	0.0021	mg/Kg	✳	08/16/22 18:04	08/24/22 15:36	1
methyl isobutyl ketone	<0.0048		0.0048	0.0014	mg/Kg	✳	08/16/22 18:04	08/24/22 15:36	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00056	mg/Kg	✳	08/16/22 18:04	08/24/22 15:36	1
Styrene	<0.0019		0.0019	0.00058	mg/Kg	✳	08/16/22 18:04	08/24/22 15:36	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00061	mg/Kg	✳	08/16/22 18:04	08/24/22 15:36	1
Tetrachloroethene	<0.0019		0.0019	0.00065	mg/Kg	✳	08/16/22 18:04	08/24/22 15:36	1
Toluene	<0.0019		0.0019	0.00048	mg/Kg	✳	08/16/22 18:04	08/24/22 15:36	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00085	mg/Kg	✳	08/16/22 18:04	08/24/22 15:36	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00067	mg/Kg	✳	08/16/22 18:04	08/24/22 15:36	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00064	mg/Kg	✳	08/16/22 18:04	08/24/22 15:36	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00082	mg/Kg	✳	08/16/22 18:04	08/24/22 15:36	1
Trichloroethene	<0.0019		0.0019	0.00065	mg/Kg	✳	08/16/22 18:04	08/24/22 15:36	1
Vinyl chloride	<0.0019		0.0019	0.00085	mg/Kg	✳	08/16/22 18:04	08/24/22 15:36	1
Xylenes, Total	<0.0038		0.0038	0.00061	mg/Kg	✳	08/16/22 18:04	08/24/22 15:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		75 - 131	08/16/22 18:04	08/24/22 15:36	1
Dibromofluoromethane (Surr)	103		75 - 126	08/16/22 18:04	08/24/22 15:36	1
1,2-Dichloroethane-d4 (Surr)	106		70 - 134	08/16/22 18:04	08/24/22 15:36	1
Toluene-d8 (Surr)	95		75 - 124	08/16/22 18:04	08/24/22 15:36	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.31		0.31	0.066	mg/Kg	✳	08/26/22 13:11	08/31/22 19:09	1
1,2-Dichlorobenzene	<0.31		0.31	0.073	mg/Kg	✳	08/26/22 13:11	08/31/22 19:09	1
1,3-Dichlorobenzene	<0.31		0.31	0.069	mg/Kg	✳	08/26/22 13:11	08/31/22 19:09	1
1,4-Dichlorobenzene	<0.31		0.31	0.079	mg/Kg	✳	08/26/22 13:11	08/31/22 19:09	1
2,2'-oxybis[1-chloropropane]	<0.31		0.31	0.071	mg/Kg	✳	08/26/22 13:11	08/31/22 19:09	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220919-1

**Client Sample ID: ROW-209(5-10)-081522**

**Lab Sample ID: 500-220919-9**

Date Collected: 08/15/22 13:05

Matrix: Solid

Date Received: 08/16/22 11:50

Percent Solids: 78.5

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.61		0.61	0.14	mg/Kg	☆	08/26/22 13:11	08/31/22 19:09	1
2,4,6-Trichlorophenol	<0.61		0.61	0.21	mg/Kg	☆	08/26/22 13:11	08/31/22 19:09	1
2,4-Dichlorophenol	<0.61		0.61	0.15	mg/Kg	☆	08/26/22 13:11	08/31/22 19:09	1
2,4-Dimethylphenol	<0.61		0.61	0.23	mg/Kg	☆	08/26/22 13:11	08/31/22 19:09	1
2,4-Dinitrophenol	<1.2		1.2	1.1	mg/Kg	☆	08/26/22 13:11	08/31/22 19:09	1
2,4-Dinitrotoluene	<0.31		0.31	0.097	mg/Kg	☆	08/26/22 13:11	08/31/22 19:09	1
2,6-Dinitrotoluene	<0.31		0.31	0.12	mg/Kg	☆	08/26/22 13:11	08/31/22 19:09	1
2-Chloronaphthalene	<0.31		0.31	0.068	mg/Kg	☆	08/26/22 13:11	08/31/22 19:09	1
2-Chlorophenol	<0.31	*+	0.31	0.10	mg/Kg	☆	08/26/22 13:11	08/31/22 19:09	1
2-Methylnaphthalene	<0.12		0.12	0.011	mg/Kg	☆	08/26/22 13:11	08/31/22 19:09	1
2-Methylphenol	<0.31		0.31	0.098	mg/Kg	☆	08/26/22 13:11	08/31/22 19:09	1
2-Nitroaniline	<0.31		0.31	0.082	mg/Kg	☆	08/26/22 13:11	08/31/22 19:09	1
2-Nitrophenol	<0.61		0.61	0.14	mg/Kg	☆	08/26/22 13:11	08/31/22 19:09	1
3 & 4 Methylphenol	<0.31		0.31	0.10	mg/Kg	☆	08/26/22 13:11	08/31/22 19:09	1
3,3'-Dichlorobenzidine	<0.31		0.31	0.086	mg/Kg	☆	08/26/22 13:11	08/31/22 19:09	1
3-Nitroaniline	<0.61		0.61	0.19	mg/Kg	☆	08/26/22 13:11	08/31/22 19:09	1
4,6-Dinitro-2-methylphenol	<1.2		1.2	0.49	mg/Kg	☆	08/26/22 13:11	08/31/22 19:09	1
4-Bromophenyl phenyl ether	<0.31		0.31	0.081	mg/Kg	☆	08/26/22 13:11	08/31/22 19:09	1
4-Chloro-3-methylphenol	<0.61		0.61	0.21	mg/Kg	☆	08/26/22 13:11	08/31/22 19:09	1
4-Chloroaniline	<1.2		1.2	0.29	mg/Kg	☆	08/26/22 13:11	08/31/22 19:09	1
4-Chlorophenyl phenyl ether	<0.31		0.31	0.072	mg/Kg	☆	08/26/22 13:11	08/31/22 19:09	1
4-Nitroaniline	<0.61		0.61	0.26	mg/Kg	☆	08/26/22 13:11	08/31/22 19:09	1
4-Nitrophenol	<1.2		1.2	0.58	mg/Kg	☆	08/26/22 13:11	08/31/22 19:09	1
Acenaphthene	<0.061		0.061	0.011	mg/Kg	☆	08/26/22 13:11	08/31/22 19:09	1
Acenaphthylene	<0.061		0.061	0.0081	mg/Kg	☆	08/26/22 13:11	08/31/22 19:09	1
Anthracene	<0.061		0.061	0.010	mg/Kg	☆	08/26/22 13:11	08/31/22 19:09	1
<b>Benzo[a]anthracene</b>	<b>0.025</b>	<b>J</b>	0.061	0.0082	mg/Kg	☆	08/26/22 13:11	08/31/22 19:09	1
<b>Benzo[a]pyrene</b>	<b>0.025</b>	<b>J</b>	0.061	0.012	mg/Kg	☆	08/26/22 13:11	08/31/22 19:09	1
<b>Benzo[b]fluoranthene</b>	<b>0.029</b>	<b>J</b>	0.061	0.013	mg/Kg	☆	08/26/22 13:11	08/31/22 19:09	1
Benzo[g,h,i]perylene	<0.061		0.061	0.020	mg/Kg	☆	08/26/22 13:11	08/31/22 19:09	1
Benzo[k]fluoranthene	<0.061		0.061	0.018	mg/Kg	☆	08/26/22 13:11	08/31/22 19:09	1
Bis(2-chloroethoxy)methane	<0.31		0.31	0.063	mg/Kg	☆	08/26/22 13:11	08/31/22 19:09	1
Bis(2-chloroethyl)ether	<0.31		0.31	0.092	mg/Kg	☆	08/26/22 13:11	08/31/22 19:09	1
Bis(2-ethylhexyl) phthalate	<0.31		0.31	0.11	mg/Kg	☆	08/26/22 13:11	08/31/22 19:09	1
Butyl benzyl phthalate	<0.31		0.31	0.12	mg/Kg	☆	08/26/22 13:11	08/31/22 19:09	1
Carbazole	<0.31		0.31	0.15	mg/Kg	☆	08/26/22 13:11	08/31/22 19:09	1
<b>Chrysene</b>	<b>0.025</b>	<b>J</b>	0.061	0.017	mg/Kg	☆	08/26/22 13:11	08/31/22 19:09	1
Dibenz(a,h)anthracene	<0.061		0.061	0.012	mg/Kg	☆	08/26/22 13:11	08/31/22 19:09	1
Dibenzofuran	<0.31		0.31	0.072	mg/Kg	☆	08/26/22 13:11	08/31/22 19:09	1
Diethyl phthalate	<0.31		0.31	0.10	mg/Kg	☆	08/26/22 13:11	08/31/22 19:09	1
Dimethyl phthalate	<0.31		0.31	0.080	mg/Kg	☆	08/26/22 13:11	08/31/22 19:09	1
Di-n-butyl phthalate	<0.31		0.31	0.093	mg/Kg	☆	08/26/22 13:11	08/31/22 19:09	1
Di-n-octyl phthalate	<0.31		0.31	0.10	mg/Kg	☆	08/26/22 13:11	08/31/22 19:09	1
<b>Fluoranthene</b>	<b>0.058</b>	<b>J</b>	0.061	0.011	mg/Kg	☆	08/26/22 13:11	08/31/22 19:09	1
Fluorene	<0.061		0.061	0.0086	mg/Kg	☆	08/26/22 13:11	08/31/22 19:09	1
Hexachlorobenzene	<0.12		0.12	0.014	mg/Kg	☆	08/26/22 13:11	08/31/22 19:09	1
Hexachlorobutadiene	<0.31		0.31	0.096	mg/Kg	☆	08/26/22 13:11	08/31/22 19:09	1
Hexachlorocyclopentadiene	<1.2		1.2	0.35	mg/Kg	☆	08/26/22 13:11	08/31/22 19:09	1
Hexachloroethane	<0.31		0.31	0.093	mg/Kg	☆	08/26/22 13:11	08/31/22 19:09	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220919-1

**Client Sample ID: ROW-209(5-10)-081522**

**Lab Sample ID: 500-220919-9**

Date Collected: 08/15/22 13:05

Matrix: Solid

Date Received: 08/16/22 11:50

Percent Solids: 78.5

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.061		0.061	0.016	mg/Kg	☼	08/26/22 13:11	08/31/22 19:09	1
Isophorone	<0.31		0.31	0.069	mg/Kg	☼	08/26/22 13:11	08/31/22 19:09	1
Naphthalene	<0.061		0.061	0.0094	mg/Kg	☼	08/26/22 13:11	08/31/22 19:09	1
Nitrobenzene	<0.061		0.061	0.015	mg/Kg	☼	08/26/22 13:11	08/31/22 19:09	1
N-Nitrosodi-n-propylamine	<0.12		0.12	0.075	mg/Kg	☼	08/26/22 13:11	08/31/22 19:09	1
N-Nitrosodiphenylamine	<0.31		0.31	0.072	mg/Kg	☼	08/26/22 13:11	08/31/22 19:09	1
Pentachlorophenol	<1.2		1.2	0.98	mg/Kg	☼	08/26/22 13:11	08/31/22 19:09	1
<b>Phenanthrene</b>	<b>0.033</b>	<b>J</b>	0.061	0.0085	mg/Kg	☼	08/26/22 13:11	08/31/22 19:09	1
Phenol	<0.31		0.31	0.14	mg/Kg	☼	08/26/22 13:11	08/31/22 19:09	1
<b>Pyrene</b>	<b>0.048</b>	<b>J</b>	0.061	0.012	mg/Kg	☼	08/26/22 13:11	08/31/22 19:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	58		31 - 143				08/26/22 13:11	08/31/22 19:09	1
2-Fluorobiphenyl (Surr)	63		43 - 145				08/26/22 13:11	08/31/22 19:09	1
2-Fluorophenol (Surr)	110		31 - 166				08/26/22 13:11	08/31/22 19:09	1
Nitrobenzene-d5 (Surr)	61		37 - 147				08/26/22 13:11	08/31/22 19:09	1
Phenol-d5 (Surr)	106		30 - 153				08/26/22 13:11	08/31/22 19:09	1
Terphenyl-d14 (Surr)	93		42 - 157				08/26/22 13:11	08/31/22 19:09	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		08/23/22 07:58	08/23/22 21:55	1
<b>Barium</b>	<b>0.63</b>		0.50	0.050	mg/L		08/23/22 07:58	08/23/22 21:55	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		08/23/22 07:58	08/23/22 21:55	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		08/23/22 07:58	08/23/22 21:55	1
Chromium	<0.025		0.025	0.010	mg/L		08/23/22 07:58	08/23/22 21:55	1
<b>Cobalt</b>	<b>0.032</b>		0.025	0.010	mg/L		08/23/22 07:58	08/23/22 21:55	1
Copper	<0.025		0.025	0.010	mg/L		08/23/22 07:58	08/23/22 21:55	1
Iron	<0.40		0.40	0.20	mg/L		08/23/22 07:58	08/23/22 21:55	1
Lead	<0.0075		0.0075	0.0075	mg/L		08/23/22 07:58	08/23/22 21:55	1
<b>Manganese</b>	<b>4.2</b>		0.025	0.010	mg/L		08/23/22 07:58	08/23/22 21:55	1
<b>Nickel</b>	<b>0.020</b>	<b>J</b>	0.025	0.010	mg/L		08/23/22 07:58	08/23/22 21:55	1
Selenium	<0.050		0.050	0.020	mg/L		08/23/22 07:58	08/23/22 21:55	1
Silver	<0.025		0.025	0.010	mg/L		08/23/22 07:58	08/23/22 21:55	1
<b>Zinc</b>	<b>0.054</b>	<b>J</b>	0.50	0.020	mg/L		08/23/22 07:58	08/23/22 21:55	1

**Method: 6010B - Metals (ICP) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.029</b>	<b>J</b>	0.050	0.010	mg/L		08/24/22 08:57	08/25/22 11:51	1
<b>Barium</b>	<b>0.87</b>		0.50	0.050	mg/L		08/24/22 08:57	08/25/22 11:51	1
<b>Beryllium</b>	<b>0.0069</b>	<b>F1</b>	0.0040	0.0040	mg/L		08/24/22 08:57	08/25/22 11:51	1
Cadmium	<0.0050	F1	0.0050	0.0020	mg/L		08/24/22 08:57	08/25/22 11:51	1
<b>Chromium</b>	<b>0.16</b>		0.025	0.010	mg/L		08/24/22 08:57	08/25/22 11:51	1
<b>Cobalt</b>	<b>0.050</b>		0.025	0.010	mg/L		08/24/22 08:57	08/25/22 11:51	1
<b>Copper</b>	<b>0.14</b>		0.025	0.010	mg/L		08/24/22 08:57	08/25/22 11:51	1
<b>Iron</b>	<b>140</b>		0.40	0.20	mg/L		08/24/22 08:57	08/25/22 11:51	1
<b>Lead</b>	<b>0.069</b>		0.0075	0.0075	mg/L		08/24/22 08:57	08/25/22 11:51	1
<b>Manganese</b>	<b>1.2</b>		0.025	0.010	mg/L		08/24/22 08:57	08/25/22 11:51	1
<b>Nickel</b>	<b>0.13</b>		0.025	0.010	mg/L		08/24/22 08:57	08/25/22 11:51	1
Selenium	<0.050	F1	0.050	0.020	mg/L		08/24/22 08:57	08/25/22 11:51	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220919-1

**Client Sample ID: ROW-209(5-10)-081522**

**Lab Sample ID: 500-220919-9**

Date Collected: 08/15/22 13:05

Matrix: Solid

Date Received: 08/16/22 11:50

Percent Solids: 78.5

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		08/24/22 08:57	08/25/22 11:51	1
<b>Zinc</b>	<b>0.36</b>	<b>J</b>	0.50	0.020	mg/L		08/24/22 08:57	08/25/22 11:51	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>15000</b>		12	5.1	mg/Kg	☆	08/19/22 15:40	08/22/22 13:20	1
Antimony	<1.2		1.2	0.24	mg/Kg	☆	08/19/22 15:40	08/22/22 13:20	1
<b>Arsenic</b>	<b>6.0</b>		0.62	0.21	mg/Kg	☆	08/19/22 15:40	08/22/22 13:20	1
<b>Barium</b>	<b>120</b>		0.62	0.071	mg/Kg	☆	08/19/22 15:40	08/22/22 13:20	1
<b>Beryllium</b>	<b>0.95</b>		0.25	0.058	mg/Kg	☆	08/19/22 15:40	08/22/22 13:20	1
Cadmium	<0.12		0.12	0.022	mg/Kg	☆	08/19/22 15:40	08/22/22 13:20	1
<b>Calcium</b>	<b>6800</b>	<b>B</b>	12	2.1	mg/Kg	☆	08/19/22 15:40	08/22/22 13:20	1
<b>Chromium</b>	<b>17</b>		0.62	0.31	mg/Kg	☆	08/19/22 15:40	08/22/22 13:20	1
<b>Cobalt</b>	<b>11</b>		0.31	0.081	mg/Kg	☆	08/19/22 15:40	08/22/22 13:20	1
<b>Copper</b>	<b>21</b>		0.62	0.17	mg/Kg	☆	08/19/22 15:40	08/22/22 13:20	1
<b>Iron</b>	<b>19000</b>		12	6.5	mg/Kg	☆	08/19/22 15:40	08/22/22 13:20	1
<b>Lead</b>	<b>13</b>		0.31	0.14	mg/Kg	☆	08/19/22 15:40	08/22/22 13:20	1
<b>Magnesium</b>	<b>5700</b>		6.2	3.1	mg/Kg	☆	08/19/22 15:40	08/22/22 13:20	1
<b>Manganese</b>	<b>240</b>		0.62	0.090	mg/Kg	☆	08/19/22 15:40	08/22/22 13:20	1
<b>Nickel</b>	<b>25</b>		0.62	0.18	mg/Kg	☆	08/19/22 15:40	08/22/22 13:20	1
<b>Potassium</b>	<b>820</b>		31	11	mg/Kg	☆	08/19/22 15:40	08/22/22 13:20	1
Selenium	<0.62		0.62	0.37	mg/Kg	☆	08/19/22 15:40	08/22/22 13:20	1
<b>Silver</b>	<b>0.51</b>		0.31	0.080	mg/Kg	☆	08/19/22 15:40	08/22/22 13:20	1
<b>Sodium</b>	<b>1500</b>		62	9.2	mg/Kg	☆	08/19/22 15:40	08/22/22 13:20	1
Thallium	<0.62		0.62	0.31	mg/Kg	☆	08/19/22 15:40	08/22/22 13:20	1
<b>Vanadium</b>	<b>30</b>	<b>B</b>	0.31	0.073	mg/Kg	☆	08/19/22 15:40	08/22/22 13:20	1
<b>Zinc</b>	<b>66</b>		1.2	0.55	mg/Kg	☆	08/19/22 15:40	08/22/22 13:20	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		08/22/22 15:45	08/23/22 09:04	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.0013</b>		0.0010	0.0010	mg/L		08/22/22 15:45	08/23/22 09:57	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.068</b>		0.020	0.0068	mg/Kg	☆	08/22/22 15:05	08/23/22 06:41	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.1</b>		0.2	0.2	SU			08/19/22 19:09	1

# Client Sample Results

Client: Weston Solutions, Inc.  
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220919-1

**Client Sample ID: ROW-209(10-15)-081522**

**Lab Sample ID: 500-220919-10**

**Date Collected: 08/15/22 13:10**

**Matrix: Solid**

**Date Received: 08/16/22 11:50**

**Percent Solids: 86.6**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0068	mg/Kg	☼	08/16/22 18:04	08/24/22 16:02	1
Benzene	<0.0016		0.0016	0.00040	mg/Kg	☼	08/16/22 18:04	08/24/22 16:02	1
Bromodichloromethane	<0.0016		0.0016	0.00032	mg/Kg	☼	08/16/22 18:04	08/24/22 16:02	1
Bromoform	<0.0016		0.0016	0.00046	mg/Kg	☼	08/16/22 18:04	08/24/22 16:02	1
Bromomethane	<0.0039		0.0039	0.0015	mg/Kg	☼	08/16/22 18:04	08/24/22 16:02	1
Carbon disulfide	<0.0039		0.0039	0.00082	mg/Kg	☼	08/16/22 18:04	08/24/22 16:02	1
Carbon tetrachloride	<0.0016		0.0016	0.00046	mg/Kg	☼	08/16/22 18:04	08/24/22 16:02	1
Chlorobenzene	<0.0016		0.0016	0.00058	mg/Kg	☼	08/16/22 18:04	08/24/22 16:02	1
Chloroethane	<0.0039		0.0039	0.0012	mg/Kg	☼	08/16/22 18:04	08/24/22 16:02	1
Chloroform	<0.0016		0.0016	0.00054	mg/Kg	☼	08/16/22 18:04	08/24/22 16:02	1
Chloromethane	<0.0039		0.0039	0.0016	mg/Kg	☼	08/16/22 18:04	08/24/22 16:02	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00044	mg/Kg	☼	08/16/22 18:04	08/24/22 16:02	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00047	mg/Kg	☼	08/16/22 18:04	08/24/22 16:02	1
Dibromochloromethane	<0.0016		0.0016	0.00051	mg/Kg	☼	08/16/22 18:04	08/24/22 16:02	1
1,1-Dichloroethane	<0.0016		0.0016	0.00054	mg/Kg	☼	08/16/22 18:04	08/24/22 16:02	1
1,2-Dichloroethane	<0.0039		0.0039	0.0012	mg/Kg	☼	08/16/22 18:04	08/24/22 16:02	1
1,1-Dichloroethene	<0.0016		0.0016	0.00054	mg/Kg	☼	08/16/22 18:04	08/24/22 16:02	1
1,2-Dichloropropane	<0.0016		0.0016	0.00041	mg/Kg	☼	08/16/22 18:04	08/24/22 16:02	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00055	mg/Kg	☼	08/16/22 18:04	08/24/22 16:02	1
Ethylbenzene	<0.0016		0.0016	0.00075	mg/Kg	☼	08/16/22 18:04	08/24/22 16:02	1
2-Hexanone	<0.0039		0.0039	0.0012	mg/Kg	☼	08/16/22 18:04	08/24/22 16:02	1
Methylene Chloride	<0.0039		0.0039	0.0015	mg/Kg	☼	08/16/22 18:04	08/24/22 16:02	1
Methyl Ethyl Ketone	<0.0039		0.0039	0.0017	mg/Kg	☼	08/16/22 18:04	08/24/22 16:02	1
methyl isobutyl ketone	<0.0039		0.0039	0.0012	mg/Kg	☼	08/16/22 18:04	08/24/22 16:02	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00046	mg/Kg	☼	08/16/22 18:04	08/24/22 16:02	1
Styrene	<0.0016		0.0016	0.00047	mg/Kg	☼	08/16/22 18:04	08/24/22 16:02	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00050	mg/Kg	☼	08/16/22 18:04	08/24/22 16:02	1
Tetrachloroethene	<0.0016		0.0016	0.00053	mg/Kg	☼	08/16/22 18:04	08/24/22 16:02	1
Toluene	<0.0016		0.0016	0.00040	mg/Kg	☼	08/16/22 18:04	08/24/22 16:02	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00070	mg/Kg	☼	08/16/22 18:04	08/24/22 16:02	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00055	mg/Kg	☼	08/16/22 18:04	08/24/22 16:02	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00053	mg/Kg	☼	08/16/22 18:04	08/24/22 16:02	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00067	mg/Kg	☼	08/16/22 18:04	08/24/22 16:02	1
Trichloroethene	<0.0016		0.0016	0.00053	mg/Kg	☼	08/16/22 18:04	08/24/22 16:02	1
Vinyl chloride	<0.0016		0.0016	0.00069	mg/Kg	☼	08/16/22 18:04	08/24/22 16:02	1
Xylenes, Total	<0.0031		0.0031	0.00050	mg/Kg	☼	08/16/22 18:04	08/24/22 16:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		75 - 131	08/16/22 18:04	08/24/22 16:02	1
Dibromofluoromethane (Surr)	110		75 - 126	08/16/22 18:04	08/24/22 16:02	1
1,2-Dichloroethane-d4 (Surr)	108		70 - 134	08/16/22 18:04	08/24/22 16:02	1
Toluene-d8 (Surr)	99		75 - 124	08/16/22 18:04	08/24/22 16:02	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	☼	08/26/22 13:11	08/31/22 19:34	1
1,2-Dichlorobenzene	<0.19		0.19	0.044	mg/Kg	☼	08/26/22 13:11	08/31/22 19:34	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	08/26/22 13:11	08/31/22 19:34	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	☼	08/26/22 13:11	08/31/22 19:34	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	☼	08/26/22 13:11	08/31/22 19:34	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220919-1

**Client Sample ID: ROW-209(10-15)-081522**

**Lab Sample ID: 500-220919-10**

**Date Collected: 08/15/22 13:10**

**Matrix: Solid**

**Date Received: 08/16/22 11:50**

**Percent Solids: 86.6**

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.085	mg/Kg	✱	08/26/22 13:11	08/31/22 19:34	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	✱	08/26/22 13:11	08/31/22 19:34	1
2,4-Dichlorophenol	<0.37		0.37	0.088	mg/Kg	✱	08/26/22 13:11	08/31/22 19:34	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	✱	08/26/22 13:11	08/31/22 19:34	1
2,4-Dinitrophenol	<0.75		0.75	0.65	mg/Kg	✱	08/26/22 13:11	08/31/22 19:34	1
2,4-Dinitrotoluene	<0.19		0.19	0.059	mg/Kg	✱	08/26/22 13:11	08/31/22 19:34	1
2,6-Dinitrotoluene	<0.19		0.19	0.073	mg/Kg	✱	08/26/22 13:11	08/31/22 19:34	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	✱	08/26/22 13:11	08/31/22 19:34	1
2-Chlorophenol	<0.19	*	0.19	0.063	mg/Kg	✱	08/26/22 13:11	08/31/22 19:34	1
2-Methylnaphthalene	<0.075		0.075	0.0068	mg/Kg	✱	08/26/22 13:11	08/31/22 19:34	1
2-Methylphenol	<0.19		0.19	0.059	mg/Kg	✱	08/26/22 13:11	08/31/22 19:34	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	✱	08/26/22 13:11	08/31/22 19:34	1
2-Nitrophenol	<0.37		0.37	0.088	mg/Kg	✱	08/26/22 13:11	08/31/22 19:34	1
3 & 4 Methylphenol	<0.19		0.19	0.062	mg/Kg	✱	08/26/22 13:11	08/31/22 19:34	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.052	mg/Kg	✱	08/26/22 13:11	08/31/22 19:34	1
3-Nitroaniline	<0.37		0.37	0.11	mg/Kg	✱	08/26/22 13:11	08/31/22 19:34	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.30	mg/Kg	✱	08/26/22 13:11	08/31/22 19:34	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	✱	08/26/22 13:11	08/31/22 19:34	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	✱	08/26/22 13:11	08/31/22 19:34	1
4-Chloroaniline	<0.75		0.75	0.17	mg/Kg	✱	08/26/22 13:11	08/31/22 19:34	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.043	mg/Kg	✱	08/26/22 13:11	08/31/22 19:34	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	✱	08/26/22 13:11	08/31/22 19:34	1
4-Nitrophenol	<0.75		0.75	0.35	mg/Kg	✱	08/26/22 13:11	08/31/22 19:34	1
Acenaphthene	<0.037		0.037	0.0067	mg/Kg	✱	08/26/22 13:11	08/31/22 19:34	1
Acenaphthylene	<0.037		0.037	0.0049	mg/Kg	✱	08/26/22 13:11	08/31/22 19:34	1
Anthracene	<0.037		0.037	0.0062	mg/Kg	✱	08/26/22 13:11	08/31/22 19:34	1
Benzo[a]anthracene	<0.037		0.037	0.0050	mg/Kg	✱	08/26/22 13:11	08/31/22 19:34	1
Benzo[a]pyrene	<0.037		0.037	0.0072	mg/Kg	✱	08/26/22 13:11	08/31/22 19:34	1
<b>Benzo[b]fluoranthene</b>	<b>0.0097</b>	<b>J</b>	0.037	0.0080	mg/Kg	✱	08/26/22 13:11	08/31/22 19:34	1
Benzo[g,h,i]perylene	<0.037		0.037	0.012	mg/Kg	✱	08/26/22 13:11	08/31/22 19:34	1
Benzo[k]fluoranthene	<0.037		0.037	0.011	mg/Kg	✱	08/26/22 13:11	08/31/22 19:34	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	✱	08/26/22 13:11	08/31/22 19:34	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	✱	08/26/22 13:11	08/31/22 19:34	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.068	mg/Kg	✱	08/26/22 13:11	08/31/22 19:34	1
Butyl benzyl phthalate	<0.19		0.19	0.071	mg/Kg	✱	08/26/22 13:11	08/31/22 19:34	1
Carbazole	<0.19		0.19	0.093	mg/Kg	✱	08/26/22 13:11	08/31/22 19:34	1
<b>Chrysene</b>	<b>0.013</b>	<b>J</b>	0.037	0.010	mg/Kg	✱	08/26/22 13:11	08/31/22 19:34	1
Dibenz(a,h)anthracene	<0.037		0.037	0.0072	mg/Kg	✱	08/26/22 13:11	08/31/22 19:34	1
Dibenzofuran	<0.19		0.19	0.043	mg/Kg	✱	08/26/22 13:11	08/31/22 19:34	1
Diethyl phthalate	<0.19		0.19	0.063	mg/Kg	✱	08/26/22 13:11	08/31/22 19:34	1
Dimethyl phthalate	<0.19		0.19	0.048	mg/Kg	✱	08/26/22 13:11	08/31/22 19:34	1
Di-n-butyl phthalate	<0.19		0.19	0.056	mg/Kg	✱	08/26/22 13:11	08/31/22 19:34	1
Di-n-octyl phthalate	<0.19		0.19	0.060	mg/Kg	✱	08/26/22 13:11	08/31/22 19:34	1
<b>Fluoranthene</b>	<b>0.0070</b>	<b>J</b>	0.037	0.0069	mg/Kg	✱	08/26/22 13:11	08/31/22 19:34	1
Fluorene	<0.037		0.037	0.0052	mg/Kg	✱	08/26/22 13:11	08/31/22 19:34	1
Hexachlorobenzene	<0.075		0.075	0.0086	mg/Kg	✱	08/26/22 13:11	08/31/22 19:34	1
Hexachlorobutadiene	<0.19		0.19	0.058	mg/Kg	✱	08/26/22 13:11	08/31/22 19:34	1
Hexachlorocyclopentadiene	<0.75		0.75	0.21	mg/Kg	✱	08/26/22 13:11	08/31/22 19:34	1
Hexachloroethane	<0.19		0.19	0.056	mg/Kg	✱	08/26/22 13:11	08/31/22 19:34	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220919-1

**Client Sample ID: ROW-209(10-15)-081522**

**Lab Sample ID: 500-220919-10**

**Date Collected: 08/15/22 13:10**

**Matrix: Solid**

**Date Received: 08/16/22 11:50**

**Percent Solids: 86.6**

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.037		0.037	0.0096	mg/Kg	☼	08/26/22 13:11	08/31/22 19:34	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	08/26/22 13:11	08/31/22 19:34	1
Naphthalene	<0.037		0.037	0.0057	mg/Kg	☼	08/26/22 13:11	08/31/22 19:34	1
Nitrobenzene	<0.037		0.037	0.0092	mg/Kg	☼	08/26/22 13:11	08/31/22 19:34	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.045	mg/Kg	☼	08/26/22 13:11	08/31/22 19:34	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☼	08/26/22 13:11	08/31/22 19:34	1
Pentachlorophenol	<0.75		0.75	0.59	mg/Kg	☼	08/26/22 13:11	08/31/22 19:34	1
Phenanthrene	<0.037		0.037	0.0052	mg/Kg	☼	08/26/22 13:11	08/31/22 19:34	1
Phenol	<0.19		0.19	0.082	mg/Kg	☼	08/26/22 13:11	08/31/22 19:34	1
<b>Pyrene</b>	<b>0.014</b>	<b>J</b>	0.037	0.0074	mg/Kg	☼	08/26/22 13:11	08/31/22 19:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>2,4,6-Tribromophenol (Surr)</i>	63		31 - 143	08/26/22 13:11	08/31/22 19:34	1
<i>2-Fluorobiphenyl (Surr)</i>	65		43 - 145	08/26/22 13:11	08/31/22 19:34	1
<i>2-Fluorophenol (Surr)</i>	122		31 - 166	08/26/22 13:11	08/31/22 19:34	1
<i>Nitrobenzene-d5 (Surr)</i>	60		37 - 147	08/26/22 13:11	08/31/22 19:34	1
<i>Phenol-d5 (Surr)</i>	102		30 - 153	08/26/22 13:11	08/31/22 19:34	1
<i>Terphenyl-d14 (Surr)</i>	86		42 - 157	08/26/22 13:11	08/31/22 19:34	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		08/23/22 07:58	08/23/22 22:00	1
<b>Barium</b>	<b>0.34</b>	<b>J</b>	0.50	0.050	mg/L		08/23/22 07:58	08/23/22 22:00	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		08/23/22 07:58	08/23/22 22:00	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		08/23/22 07:58	08/23/22 22:00	1
Chromium	<0.025		0.025	0.010	mg/L		08/23/22 07:58	08/23/22 22:00	1
Cobalt	<0.025		0.025	0.010	mg/L		08/23/22 07:58	08/23/22 22:00	1
Copper	<0.025		0.025	0.010	mg/L		08/23/22 07:58	08/23/22 22:00	1
Iron	<0.40		0.40	0.20	mg/L		08/23/22 07:58	08/23/22 22:00	1
Lead	<0.0075		0.0075	0.0075	mg/L		08/23/22 07:58	08/23/22 22:00	1
<b>Manganese</b>	<b>0.81</b>		0.025	0.010	mg/L		08/23/22 07:58	08/23/22 22:00	1
Nickel	<0.025		0.025	0.010	mg/L		08/23/22 07:58	08/23/22 22:00	1
Selenium	<0.050		0.050	0.020	mg/L		08/23/22 07:58	08/23/22 22:00	1
Silver	<0.025		0.025	0.010	mg/L		08/23/22 07:58	08/23/22 22:00	1
Zinc	<0.50		0.50	0.020	mg/L		08/23/22 07:58	08/23/22 22:00	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.058</b>		0.050	0.010	mg/L		08/24/22 08:57	08/25/22 12:03	1
<b>Barium</b>	<b>0.25</b>	<b>J</b>	0.50	0.050	mg/L		08/24/22 08:57	08/25/22 12:03	1
<b>Beryllium</b>	<b>0.0054</b>		0.0040	0.0040	mg/L		08/24/22 08:57	08/25/22 12:03	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		08/24/22 08:57	08/25/22 12:03	1
<b>Chromium</b>	<b>0.10</b>		0.025	0.010	mg/L		08/24/22 08:57	08/25/22 12:03	1
<b>Cobalt</b>	<b>0.051</b>		0.025	0.010	mg/L		08/24/22 08:57	08/25/22 12:03	1
<b>Copper</b>	<b>0.13</b>		0.025	0.010	mg/L		08/24/22 08:57	08/25/22 12:03	1
<b>Iron</b>	<b>120</b>		0.40	0.20	mg/L		08/24/22 08:57	08/25/22 12:03	1
<b>Lead</b>	<b>0.071</b>		0.0075	0.0075	mg/L		08/24/22 08:57	08/25/22 12:03	1
<b>Manganese</b>	<b>0.46</b>		0.025	0.010	mg/L		08/24/22 08:57	08/25/22 12:03	1
<b>Nickel</b>	<b>0.15</b>		0.025	0.010	mg/L		08/24/22 08:57	08/25/22 12:03	1
Selenium	<0.050		0.050	0.020	mg/L		08/24/22 08:57	08/25/22 12:03	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220919-1

**Client Sample ID: ROW-209(10-15)-081522**

**Lab Sample ID: 500-220919-10**

Date Collected: 08/15/22 13:10

Matrix: Solid

Date Received: 08/16/22 11:50

Percent Solids: 86.6

### Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		08/24/22 08:57	08/25/22 12:03	1
Zinc	0.30	J	0.50	0.020	mg/L		08/24/22 08:57	08/25/22 12:03	1

### Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8300		11	4.6	mg/Kg	☆	08/19/22 15:40	08/22/22 13:30	1
Antimony	0.33	J	1.1	0.22	mg/Kg	☆	08/19/22 15:40	08/22/22 13:30	1
Arsenic	8.1		0.57	0.19	mg/Kg	☆	08/19/22 15:40	08/22/22 13:30	1
Barium	35		0.57	0.065	mg/Kg	☆	08/19/22 15:40	08/22/22 13:30	1
Beryllium	0.66		0.23	0.053	mg/Kg	☆	08/19/22 15:40	08/22/22 13:30	1
Cadmium	<0.11		0.11	0.020	mg/Kg	☆	08/19/22 15:40	08/22/22 13:30	1
Calcium	68000	B	57	9.6	mg/Kg	☆	08/19/22 15:40	08/22/22 18:32	5
Chromium	13		0.57	0.28	mg/Kg	☆	08/19/22 15:40	08/22/22 13:30	1
Cobalt	11		0.28	0.074	mg/Kg	☆	08/19/22 15:40	08/22/22 13:30	1
Copper	20		0.57	0.16	mg/Kg	☆	08/19/22 15:40	08/22/22 13:30	1
Iron	18000		11	5.9	mg/Kg	☆	08/19/22 15:40	08/22/22 13:30	1
Lead	14		0.28	0.13	mg/Kg	☆	08/19/22 15:40	08/22/22 13:30	1
Magnesium	29000		5.7	2.8	mg/Kg	☆	08/19/22 15:40	08/22/22 13:30	1
Manganese	290		0.57	0.082	mg/Kg	☆	08/19/22 15:40	08/22/22 13:30	1
Nickel	27		0.57	0.17	mg/Kg	☆	08/19/22 15:40	08/22/22 13:30	1
Potassium	1900		28	10	mg/Kg	☆	08/19/22 15:40	08/22/22 13:30	1
Selenium	0.45	J	0.57	0.33	mg/Kg	☆	08/19/22 15:40	08/22/22 13:30	1
Silver	0.24	J	0.28	0.073	mg/Kg	☆	08/19/22 15:40	08/22/22 13:30	1
Sodium	430		57	8.4	mg/Kg	☆	08/19/22 15:40	08/22/22 13:30	1
Thallium	<0.57		0.57	0.28	mg/Kg	☆	08/19/22 15:40	08/22/22 13:30	1
Vanadium	16	B	0.28	0.067	mg/Kg	☆	08/19/22 15:40	08/22/22 13:30	1
Zinc	67		1.1	0.50	mg/Kg	☆	08/19/22 15:40	08/22/22 13:30	1

### Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		08/22/22 15:45	08/23/22 09:06	1

### Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00021		0.00020	0.00020	mg/L		08/22/22 15:45	08/23/22 10:08	1

### Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.029		0.019	0.0062	mg/Kg	☆	08/22/22 15:05	08/23/22 06:50	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.6		0.2	0.2	SU			08/19/22 19:14	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220919-1

**Client Sample ID: ROW-211(0-5)-081522**

**Lab Sample ID: 500-220919-15**

Date Collected: 08/15/22 14:00

Matrix: Solid

Date Received: 08/16/22 11:50

Percent Solids: 79.1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>0.029</b>		0.019	0.0084	mg/Kg	☼	08/16/22 18:04	08/24/22 18:13	1
Benzene	<0.0019		0.0019	0.00049	mg/Kg	☼	08/16/22 18:04	08/24/22 18:13	1
Bromodichloromethane	<0.0019		0.0019	0.00039	mg/Kg	☼	08/16/22 18:04	08/24/22 18:13	1
Bromoform	<0.0019		0.0019	0.00056	mg/Kg	☼	08/16/22 18:04	08/24/22 18:13	1
Bromomethane	<0.0048		0.0048	0.0018	mg/Kg	☼	08/16/22 18:04	08/24/22 18:13	1
Carbon disulfide	<0.0048		0.0048	0.0010	mg/Kg	☼	08/16/22 18:04	08/24/22 18:13	1
Carbon tetrachloride	<0.0019		0.0019	0.00056	mg/Kg	☼	08/16/22 18:04	08/24/22 18:13	1
Chlorobenzene	<0.0019		0.0019	0.00071	mg/Kg	☼	08/16/22 18:04	08/24/22 18:13	1
Chloroethane	<0.0048		0.0048	0.0014	mg/Kg	☼	08/16/22 18:04	08/24/22 18:13	1
Chloroform	<0.0019		0.0019	0.00067	mg/Kg	☼	08/16/22 18:04	08/24/22 18:13	1
Chloromethane	<0.0048		0.0048	0.0019	mg/Kg	☼	08/16/22 18:04	08/24/22 18:13	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00054	mg/Kg	☼	08/16/22 18:04	08/24/22 18:13	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00058	mg/Kg	☼	08/16/22 18:04	08/24/22 18:13	1
Dibromochloromethane	<0.0019		0.0019	0.00063	mg/Kg	☼	08/16/22 18:04	08/24/22 18:13	1
1,1-Dichloroethane	<0.0019		0.0019	0.00066	mg/Kg	☼	08/16/22 18:04	08/24/22 18:13	1
1,2-Dichloroethane	<0.0048		0.0048	0.0015	mg/Kg	☼	08/16/22 18:04	08/24/22 18:13	1
1,1-Dichloroethene	<0.0019		0.0019	0.00066	mg/Kg	☼	08/16/22 18:04	08/24/22 18:13	1
1,2-Dichloropropane	<0.0019		0.0019	0.00050	mg/Kg	☼	08/16/22 18:04	08/24/22 18:13	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00067	mg/Kg	☼	08/16/22 18:04	08/24/22 18:13	1
Ethylbenzene	<0.0019		0.0019	0.00092	mg/Kg	☼	08/16/22 18:04	08/24/22 18:13	1
2-Hexanone	<0.0048		0.0048	0.0015	mg/Kg	☼	08/16/22 18:04	08/24/22 18:13	1
Methylene Chloride	<0.0048		0.0048	0.0019	mg/Kg	☼	08/16/22 18:04	08/24/22 18:13	1
<b>Methyl Ethyl Ketone</b>	<b>0.0061</b>		0.0048	0.0021	mg/Kg	☼	08/16/22 18:04	08/24/22 18:13	1
methyl isobutyl ketone	<0.0048		0.0048	0.0014	mg/Kg	☼	08/16/22 18:04	08/24/22 18:13	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00056	mg/Kg	☼	08/16/22 18:04	08/24/22 18:13	1
Styrene	<0.0019		0.0019	0.00058	mg/Kg	☼	08/16/22 18:04	08/24/22 18:13	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00061	mg/Kg	☼	08/16/22 18:04	08/24/22 18:13	1
Tetrachloroethene	<0.0019		0.0019	0.00065	mg/Kg	☼	08/16/22 18:04	08/24/22 18:13	1
Toluene	<0.0019		0.0019	0.00049	mg/Kg	☼	08/16/22 18:04	08/24/22 18:13	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00085	mg/Kg	☼	08/16/22 18:04	08/24/22 18:13	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00067	mg/Kg	☼	08/16/22 18:04	08/24/22 18:13	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00065	mg/Kg	☼	08/16/22 18:04	08/24/22 18:13	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00082	mg/Kg	☼	08/16/22 18:04	08/24/22 18:13	1
Trichloroethene	<0.0019		0.0019	0.00065	mg/Kg	☼	08/16/22 18:04	08/24/22 18:13	1
Vinyl chloride	<0.0019		0.0019	0.00085	mg/Kg	☼	08/16/22 18:04	08/24/22 18:13	1
Xylenes, Total	<0.0038		0.0038	0.00062	mg/Kg	☼	08/16/22 18:04	08/24/22 18:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		75 - 131	08/16/22 18:04	08/24/22 18:13	1
Dibromofluoromethane (Surr)	105		75 - 126	08/16/22 18:04	08/24/22 18:13	1
1,2-Dichloroethane-d4 (Surr)	109		70 - 134	08/16/22 18:04	08/24/22 18:13	1
Toluene-d8 (Surr)	96		75 - 124	08/16/22 18:04	08/24/22 18:13	1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.043	mg/Kg	☼	08/26/22 13:11	08/31/22 21:35	1
1,2-Dichlorobenzene	<0.20		0.20	0.048	mg/Kg	☼	08/26/22 13:11	08/31/22 21:35	1
1,3-Dichlorobenzene	<0.20		0.20	0.045	mg/Kg	☼	08/26/22 13:11	08/31/22 21:35	1
1,4-Dichlorobenzene	<0.20		0.20	0.051	mg/Kg	☼	08/26/22 13:11	08/31/22 21:35	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	☼	08/26/22 13:11	08/31/22 21:35	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220919-1

**Client Sample ID: ROW-211(0-5)-081522**

**Lab Sample ID: 500-220919-15**

**Date Collected: 08/15/22 14:00**

**Matrix: Solid**

**Date Received: 08/16/22 11:50**

**Percent Solids: 79.1**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.40		0.40	0.091	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
2,4,6-Trichlorophenol	<0.40		0.40	0.14	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
2,4-Dichlorophenol	<0.40		0.40	0.095	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
2,4-Dimethylphenol	<0.40		0.40	0.15	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
2,4-Dinitrophenol	<0.81		0.81	0.70	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
2,4-Dinitrotoluene	<0.20		0.20	0.064	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
2,6-Dinitrotoluene	<0.20		0.20	0.079	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
2-Chlorophenol	<0.20	*+	0.20	0.068	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
2-Methylnaphthalene	<0.081		0.081	0.0074	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
2-Methylphenol	<0.20		0.20	0.064	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
2-Nitroaniline	<0.20		0.20	0.054	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
2-Nitrophenol	<0.40		0.40	0.095	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
3 & 4 Methylphenol	<0.20		0.20	0.067	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.056	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
3-Nitroaniline	<0.40		0.40	0.12	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
4,6-Dinitro-2-methylphenol	<0.81		0.81	0.32	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.053	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
4-Chloro-3-methylphenol	<0.40		0.40	0.14	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
4-Chloroaniline	<0.81		0.81	0.19	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.047	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
4-Nitroaniline	<0.40		0.40	0.17	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
4-Nitrophenol	<0.81		0.81	0.38	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
Acenaphthene	<0.040		0.040	0.0072	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
Acenaphthylene	<0.040		0.040	0.0053	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
Anthracene	<0.040		0.040	0.0067	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
Benzo[a]anthracene	<0.040		0.040	0.0054	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
Benzo[a]pyrene	<0.040		0.040	0.0077	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
Benzo[b]fluoranthene	<0.040		0.040	0.0086	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
Benzo[g,h,i]perylene	<0.040		0.040	0.013	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
Benzo[k]fluoranthene	<0.040		0.040	0.012	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.041	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.060	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.073	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
Butyl benzyl phthalate	<0.20		0.20	0.076	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
Carbazole	<0.20		0.20	0.10	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
Chrysene	<0.040		0.040	0.011	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
Dibenz(a,h)anthracene	<0.040		0.040	0.0077	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
Dibenzofuran	<0.20		0.20	0.047	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
Diethyl phthalate	<0.20		0.20	0.068	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
Dimethyl phthalate	<0.20		0.20	0.052	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
Di-n-butyl phthalate	<0.20		0.20	0.061	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
Di-n-octyl phthalate	<0.20		0.20	0.065	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
Fluoranthene	<0.040		0.040	0.0074	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
Fluorene	<0.040		0.040	0.0056	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
Hexachlorobenzene	<0.081		0.081	0.0093	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
Hexachlorobutadiene	<0.20		0.20	0.063	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
Hexachlorocyclopentadiene	<0.81		0.81	0.23	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
Hexachloroethane	<0.20		0.20	0.061	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220919-1

**Client Sample ID: ROW-211(0-5)-081522**

**Lab Sample ID: 500-220919-15**

**Date Collected: 08/15/22 14:00**

**Matrix: Solid**

**Date Received: 08/16/22 11:50**

**Percent Solids: 79.1**

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.040		0.040	0.010	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
Isophorone	<0.20		0.20	0.045	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
Naphthalene	<0.040		0.040	0.0062	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
Nitrobenzene	<0.040		0.040	0.010	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
N-Nitrosodi-n-propylamine	<0.081		0.081	0.049	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
N-Nitrosodiphenylamine	<0.20		0.20	0.047	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
Pentachlorophenol	<0.81		0.81	0.64	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
Phenanthrene	<0.040		0.040	0.0056	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
Phenol	<0.20		0.20	0.089	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
Pyrene	<0.040		0.040	0.0080	mg/Kg	✳	08/26/22 13:11	08/31/22 21:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	91		31 - 143				08/26/22 13:11	08/31/22 21:35	1
2-Fluorobiphenyl (Surr)	66		43 - 145				08/26/22 13:11	08/31/22 21:35	1
2-Fluorophenol (Surr)	118		31 - 166				08/26/22 13:11	08/31/22 21:35	1
Nitrobenzene-d5 (Surr)	66		37 - 147				08/26/22 13:11	08/31/22 21:35	1
Phenol-d5 (Surr)	106		30 - 153				08/26/22 13:11	08/31/22 21:35	1
Terphenyl-d14 (Surr)	112		42 - 157				08/26/22 13:11	08/31/22 21:35	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.013</b>	<b>J</b>	0.050	0.010	mg/L		08/23/22 07:58	08/23/22 22:52	1
<b>Barium</b>	<b>0.88</b>		0.50	0.050	mg/L		08/23/22 07:58	08/23/22 22:52	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		08/23/22 07:58	08/23/22 22:52	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		08/23/22 07:58	08/23/22 22:52	1
Chromium	<0.025		0.025	0.010	mg/L		08/23/22 07:58	08/23/22 22:52	1
<b>Cobalt</b>	<b>0.018</b>	<b>J</b>	0.025	0.010	mg/L		08/23/22 07:58	08/23/22 22:52	1
Copper	<0.025		0.025	0.010	mg/L		08/23/22 07:58	08/23/22 22:52	1
Iron	<0.40		0.40	0.20	mg/L		08/23/22 07:58	08/23/22 22:52	1
Lead	<0.0075		0.0075	0.0075	mg/L		08/23/22 07:58	08/23/22 22:52	1
<b>Manganese</b>	<b>8.2</b>		0.025	0.010	mg/L		08/23/22 07:58	08/23/22 22:52	1
<b>Nickel</b>	<b>0.047</b>		0.025	0.010	mg/L		08/23/22 07:58	08/23/22 22:52	1
Selenium	<0.050		0.050	0.020	mg/L		08/23/22 07:58	08/23/22 22:52	1
Silver	<0.025		0.025	0.010	mg/L		08/23/22 07:58	08/23/22 22:52	1
<b>Zinc</b>	<b>0.021</b>	<b>J</b>	0.50	0.020	mg/L		08/23/22 07:58	08/23/22 22:52	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.028</b>	<b>J</b>	0.050	0.010	mg/L		08/24/22 08:57	08/25/22 12:18	1
<b>Barium</b>	<b>0.44</b>	<b>J</b>	0.50	0.050	mg/L		08/24/22 08:57	08/25/22 12:18	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		08/24/22 08:57	08/25/22 12:18	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		08/24/22 08:57	08/25/22 12:18	1
<b>Chromium</b>	<b>0.079</b>		0.025	0.010	mg/L		08/24/22 08:57	08/25/22 12:18	1
<b>Cobalt</b>	<b>0.026</b>		0.025	0.010	mg/L		08/24/22 08:57	08/25/22 12:18	1
<b>Copper</b>	<b>0.062</b>		0.025	0.010	mg/L		08/24/22 08:57	08/25/22 12:18	1
<b>Iron</b>	<b>75</b>		0.40	0.20	mg/L		08/24/22 08:57	08/25/22 12:18	1
<b>Lead</b>	<b>0.036</b>		0.0075	0.0075	mg/L		08/24/22 08:57	08/25/22 12:18	1
<b>Manganese</b>	<b>0.65</b>		0.025	0.010	mg/L		08/24/22 08:57	08/25/22 12:18	1
<b>Nickel</b>	<b>0.062</b>		0.025	0.010	mg/L		08/24/22 08:57	08/25/22 12:18	1
Selenium	<0.050		0.050	0.020	mg/L		08/24/22 08:57	08/25/22 12:18	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220919-1

**Client Sample ID: ROW-211(0-5)-081522**

**Lab Sample ID: 500-220919-15**

Date Collected: 08/15/22 14:00

Matrix: Solid

Date Received: 08/16/22 11:50

Percent Solids: 79.1

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		08/24/22 08:57	08/25/22 12:18	1
Zinc	0.18	J	0.50	0.020	mg/L		08/24/22 08:57	08/25/22 12:18	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	11000		12	5.0	mg/Kg	☆	08/19/22 15:40	08/22/22 13:46	1
Antimony	<1.2		1.2	0.24	mg/Kg	☆	08/19/22 15:40	08/22/22 13:46	1
Arsenic	6.2		0.61	0.21	mg/Kg	☆	08/19/22 15:40	08/22/22 13:46	1
Barium	96		0.61	0.069	mg/Kg	☆	08/19/22 15:40	08/22/22 13:46	1
Beryllium	0.76		0.24	0.057	mg/Kg	☆	08/19/22 15:40	08/22/22 13:46	1
Cadmium	0.032	J	0.12	0.022	mg/Kg	☆	08/19/22 15:40	08/22/22 13:46	1
Calcium	24000	B	12	2.1	mg/Kg	☆	08/19/22 15:40	08/22/22 13:46	1
Chromium	14		0.61	0.30	mg/Kg	☆	08/19/22 15:40	08/22/22 13:46	1
Cobalt	10		0.30	0.079	mg/Kg	☆	08/19/22 15:40	08/22/22 13:46	1
Copper	17		0.61	0.17	mg/Kg	☆	08/19/22 15:40	08/22/22 13:46	1
Iron	18000		12	6.3	mg/Kg	☆	08/19/22 15:40	08/22/22 13:46	1
Lead	14		0.30	0.14	mg/Kg	☆	08/19/22 15:40	08/22/22 13:46	1
Magnesium	14000		6.1	3.0	mg/Kg	☆	08/19/22 15:40	08/22/22 13:46	1
Manganese	580		0.61	0.088	mg/Kg	☆	08/19/22 15:40	08/22/22 13:46	1
Nickel	21		0.61	0.18	mg/Kg	☆	08/19/22 15:40	08/22/22 13:46	1
Potassium	1200		30	11	mg/Kg	☆	08/19/22 15:40	08/22/22 13:46	1
Selenium	0.38	J	0.61	0.36	mg/Kg	☆	08/19/22 15:40	08/22/22 13:46	1
Silver	0.32		0.30	0.078	mg/Kg	☆	08/19/22 15:40	08/22/22 13:46	1
Sodium	660		61	9.0	mg/Kg	☆	08/19/22 15:40	08/22/22 13:46	1
Thallium	<0.61		0.61	0.30	mg/Kg	☆	08/19/22 15:40	08/22/22 13:46	1
Vanadium	22	B	0.30	0.072	mg/Kg	☆	08/19/22 15:40	08/22/22 13:46	1
Zinc	54		1.2	0.53	mg/Kg	☆	08/19/22 15:40	08/22/22 13:46	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00020		0.00020	0.00020	mg/L		08/22/22 15:45	08/23/22 09:21	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00023		0.00020	0.00020	mg/L		08/22/22 15:45	08/23/22 10:18	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.032		0.019	0.0063	mg/Kg	☆	08/22/22 15:05	08/23/22 07:04	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.5		0.2	0.2	SU			08/19/22 19:26	1

# Client Sample Results

Client: Weston Solutions, Inc.  
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220919-1

**Client Sample ID: ROW-211(0-5)-081522D**

**Lab Sample ID: 500-220919-16**

Date Collected: 08/15/22 14:00

Matrix: Solid

Date Received: 08/16/22 11:50

Percent Solids: 79.4

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>0.022</b>		0.019	0.0081	mg/Kg	☼	08/16/22 18:04	08/24/22 18:39	1
Benzene	<0.0019		0.0019	0.00048	mg/Kg	☼	08/16/22 18:04	08/24/22 18:39	1
Bromodichloromethane	<0.0019		0.0019	0.00038	mg/Kg	☼	08/16/22 18:04	08/24/22 18:39	1
Bromoform	<0.0019		0.0019	0.00055	mg/Kg	☼	08/16/22 18:04	08/24/22 18:39	1
Bromomethane	<0.0047		0.0047	0.0018	mg/Kg	☼	08/16/22 18:04	08/24/22 18:39	1
Carbon disulfide	<0.0047		0.0047	0.00097	mg/Kg	☼	08/16/22 18:04	08/24/22 18:39	1
Carbon tetrachloride	<0.0019		0.0019	0.00054	mg/Kg	☼	08/16/22 18:04	08/24/22 18:39	1
Chlorobenzene	<0.0019		0.0019	0.00069	mg/Kg	☼	08/16/22 18:04	08/24/22 18:39	1
Chloroethane	<0.0047		0.0047	0.0014	mg/Kg	☼	08/16/22 18:04	08/24/22 18:39	1
Chloroform	<0.0019		0.0019	0.00065	mg/Kg	☼	08/16/22 18:04	08/24/22 18:39	1
Chloromethane	<0.0047		0.0047	0.0019	mg/Kg	☼	08/16/22 18:04	08/24/22 18:39	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00052	mg/Kg	☼	08/16/22 18:04	08/24/22 18:39	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00056	mg/Kg	☼	08/16/22 18:04	08/24/22 18:39	1
Dibromochloromethane	<0.0019		0.0019	0.00061	mg/Kg	☼	08/16/22 18:04	08/24/22 18:39	1
1,1-Dichloroethane	<0.0019		0.0019	0.00064	mg/Kg	☼	08/16/22 18:04	08/24/22 18:39	1
1,2-Dichloroethane	<0.0047		0.0047	0.0015	mg/Kg	☼	08/16/22 18:04	08/24/22 18:39	1
1,1-Dichloroethene	<0.0019		0.0019	0.00064	mg/Kg	☼	08/16/22 18:04	08/24/22 18:39	1
1,2-Dichloropropane	<0.0019		0.0019	0.00048	mg/Kg	☼	08/16/22 18:04	08/24/22 18:39	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00066	mg/Kg	☼	08/16/22 18:04	08/24/22 18:39	1
Ethylbenzene	<0.0019		0.0019	0.00089	mg/Kg	☼	08/16/22 18:04	08/24/22 18:39	1
2-Hexanone	<0.0047		0.0047	0.0015	mg/Kg	☼	08/16/22 18:04	08/24/22 18:39	1
Methylene Chloride	<0.0047		0.0047	0.0018	mg/Kg	☼	08/16/22 18:04	08/24/22 18:39	1
<b>Methyl Ethyl Ketone</b>	<b>0.0036 J</b>		0.0047	0.0021	mg/Kg	☼	08/16/22 18:04	08/24/22 18:39	1
methyl isobutyl ketone	<0.0047		0.0047	0.0014	mg/Kg	☼	08/16/22 18:04	08/24/22 18:39	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00055	mg/Kg	☼	08/16/22 18:04	08/24/22 18:39	1
Styrene	<0.0019		0.0019	0.00056	mg/Kg	☼	08/16/22 18:04	08/24/22 18:39	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00060	mg/Kg	☼	08/16/22 18:04	08/24/22 18:39	1
Tetrachloroethene	<0.0019		0.0019	0.00064	mg/Kg	☼	08/16/22 18:04	08/24/22 18:39	1
Toluene	<0.0019		0.0019	0.00047	mg/Kg	☼	08/16/22 18:04	08/24/22 18:39	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00083	mg/Kg	☼	08/16/22 18:04	08/24/22 18:39	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00066	mg/Kg	☼	08/16/22 18:04	08/24/22 18:39	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00063	mg/Kg	☼	08/16/22 18:04	08/24/22 18:39	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00080	mg/Kg	☼	08/16/22 18:04	08/24/22 18:39	1
Trichloroethene	<0.0019		0.0019	0.00063	mg/Kg	☼	08/16/22 18:04	08/24/22 18:39	1
Vinyl chloride	<0.0019		0.0019	0.00083	mg/Kg	☼	08/16/22 18:04	08/24/22 18:39	1
Xylenes, Total	<0.0037		0.0037	0.00060	mg/Kg	☼	08/16/22 18:04	08/24/22 18:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		75 - 131	08/16/22 18:04	08/24/22 18:39	1
Dibromofluoromethane (Surr)	106		75 - 126	08/16/22 18:04	08/24/22 18:39	1
1,2-Dichloroethane-d4 (Surr)	108		70 - 134	08/16/22 18:04	08/24/22 18:39	1
Toluene-d8 (Surr)	94		75 - 124	08/16/22 18:04	08/24/22 18:39	1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	08/26/22 13:11	08/31/22 22:00	1
1,2-Dichlorobenzene	<0.20		0.20	0.048	mg/Kg	☼	08/26/22 13:11	08/31/22 22:00	1
1,3-Dichlorobenzene	<0.20		0.20	0.045	mg/Kg	☼	08/26/22 13:11	08/31/22 22:00	1
1,4-Dichlorobenzene	<0.20		0.20	0.052	mg/Kg	☼	08/26/22 13:11	08/31/22 22:00	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.047	mg/Kg	☼	08/26/22 13:11	08/31/22 22:00	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220919-1

**Client Sample ID: ROW-211(0-5)-081522D**

**Lab Sample ID: 500-220919-16**

Date Collected: 08/15/22 14:00

Matrix: Solid

Date Received: 08/16/22 11:50

Percent Solids: 79.4

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.40		0.40	0.092	mg/Kg	☆	08/26/22 13:11	08/31/22 22:00	1
2,4,6-Trichlorophenol	<0.40		0.40	0.14	mg/Kg	☆	08/26/22 13:11	08/31/22 22:00	1
2,4-Dichlorophenol	<0.40		0.40	0.096	mg/Kg	☆	08/26/22 13:11	08/31/22 22:00	1
2,4-Dimethylphenol	<0.40		0.40	0.15	mg/Kg	☆	08/26/22 13:11	08/31/22 22:00	1
2,4-Dinitrophenol	<0.81		0.81	0.71	mg/Kg	☆	08/26/22 13:11	08/31/22 22:00	1
2,4-Dinitrotoluene	<0.20		0.20	0.064	mg/Kg	☆	08/26/22 13:11	08/31/22 22:00	1
2,6-Dinitrotoluene	<0.20		0.20	0.079	mg/Kg	☆	08/26/22 13:11	08/31/22 22:00	1
2-Chloronaphthalene	<0.20		0.20	0.045	mg/Kg	☆	08/26/22 13:11	08/31/22 22:00	1
2-Chlorophenol	<0.20	+	0.20	0.069	mg/Kg	☆	08/26/22 13:11	08/31/22 22:00	1
2-Methylnaphthalene	<0.081		0.081	0.0074	mg/Kg	☆	08/26/22 13:11	08/31/22 22:00	1
2-Methylphenol	<0.20		0.20	0.065	mg/Kg	☆	08/26/22 13:11	08/31/22 22:00	1
2-Nitroaniline	<0.20		0.20	0.054	mg/Kg	☆	08/26/22 13:11	08/31/22 22:00	1
2-Nitrophenol	<0.40		0.40	0.095	mg/Kg	☆	08/26/22 13:11	08/31/22 22:00	1
3 & 4 Methylphenol	<0.20		0.20	0.067	mg/Kg	☆	08/26/22 13:11	08/31/22 22:00	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.057	mg/Kg	☆	08/26/22 13:11	08/31/22 22:00	1
3-Nitroaniline	<0.40		0.40	0.13	mg/Kg	☆	08/26/22 13:11	08/31/22 22:00	1
4,6-Dinitro-2-methylphenol	<0.81		0.81	0.32	mg/Kg	☆	08/26/22 13:11	08/31/22 22:00	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.053	mg/Kg	☆	08/26/22 13:11	08/31/22 22:00	1
4-Chloro-3-methylphenol	<0.40		0.40	0.14	mg/Kg	☆	08/26/22 13:11	08/31/22 22:00	1
4-Chloroaniline	<0.81		0.81	0.19	mg/Kg	☆	08/26/22 13:11	08/31/22 22:00	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.047	mg/Kg	☆	08/26/22 13:11	08/31/22 22:00	1
4-Nitroaniline	<0.40		0.40	0.17	mg/Kg	☆	08/26/22 13:11	08/31/22 22:00	1
4-Nitrophenol	<0.81		0.81	0.38	mg/Kg	☆	08/26/22 13:11	08/31/22 22:00	1
Acenaphthene	<0.040		0.040	0.0073	mg/Kg	☆	08/26/22 13:11	08/31/22 22:00	1
Acenaphthylene	<0.040		0.040	0.0053	mg/Kg	☆	08/26/22 13:11	08/31/22 22:00	1
Anthracene	<0.040		0.040	0.0067	mg/Kg	☆	08/26/22 13:11	08/31/22 22:00	1
Benzo[a]anthracene	<0.040		0.040	0.0054	mg/Kg	☆	08/26/22 13:11	08/31/22 22:00	1
Benzo[a]pyrene	<0.040		0.040	0.0078	mg/Kg	☆	08/26/22 13:11	08/31/22 22:00	1
Benzo[b]fluoranthene	<0.040		0.040	0.0087	mg/Kg	☆	08/26/22 13:11	08/31/22 22:00	1
Benzo[g,h,i]perylene	<0.040		0.040	0.013	mg/Kg	☆	08/26/22 13:11	08/31/22 22:00	1
Benzo[k]fluoranthene	<0.040		0.040	0.012	mg/Kg	☆	08/26/22 13:11	08/31/22 22:00	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.041	mg/Kg	☆	08/26/22 13:11	08/31/22 22:00	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.061	mg/Kg	☆	08/26/22 13:11	08/31/22 22:00	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.074	mg/Kg	☆	08/26/22 13:11	08/31/22 22:00	1
Butyl benzyl phthalate	<0.20		0.20	0.077	mg/Kg	☆	08/26/22 13:11	08/31/22 22:00	1
Carbazole	<0.20		0.20	0.10	mg/Kg	☆	08/26/22 13:11	08/31/22 22:00	1
Chrysene	<0.040		0.040	0.011	mg/Kg	☆	08/26/22 13:11	08/31/22 22:00	1
Dibenz(a,h)anthracene	<0.040		0.040	0.0078	mg/Kg	☆	08/26/22 13:11	08/31/22 22:00	1
Dibenzofuran	<0.20		0.20	0.047	mg/Kg	☆	08/26/22 13:11	08/31/22 22:00	1
Diethyl phthalate	<0.20		0.20	0.068	mg/Kg	☆	08/26/22 13:11	08/31/22 22:00	1
Dimethyl phthalate	<0.20		0.20	0.053	mg/Kg	☆	08/26/22 13:11	08/31/22 22:00	1
Di-n-butyl phthalate	<0.20		0.20	0.062	mg/Kg	☆	08/26/22 13:11	08/31/22 22:00	1
Di-n-octyl phthalate	<0.20		0.20	0.066	mg/Kg	☆	08/26/22 13:11	08/31/22 22:00	1
Fluoranthene	<0.040		0.040	0.0075	mg/Kg	☆	08/26/22 13:11	08/31/22 22:00	1
Fluorene	<0.040		0.040	0.0057	mg/Kg	☆	08/26/22 13:11	08/31/22 22:00	1
Hexachlorobenzene	<0.081		0.081	0.0094	mg/Kg	☆	08/26/22 13:11	08/31/22 22:00	1
Hexachlorobutadiene	<0.20		0.20	0.063	mg/Kg	☆	08/26/22 13:11	08/31/22 22:00	1
Hexachlorocyclopentadiene	<0.81		0.81	0.23	mg/Kg	☆	08/26/22 13:11	08/31/22 22:00	1
Hexachloroethane	<0.20		0.20	0.061	mg/Kg	☆	08/26/22 13:11	08/31/22 22:00	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220919-1

Client Sample ID: ROW-211(0-5)-081522D

Lab Sample ID: 500-220919-16

Date Collected: 08/15/22 14:00

Matrix: Solid

Date Received: 08/16/22 11:50

Percent Solids: 79.4

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.040		0.040	0.010	mg/Kg	☼	08/26/22 13:11	08/31/22 22:00	1
Isophorone	<0.20		0.20	0.045	mg/Kg	☼	08/26/22 13:11	08/31/22 22:00	1
Naphthalene	<0.040		0.040	0.0062	mg/Kg	☼	08/26/22 13:11	08/31/22 22:00	1
Nitrobenzene	<0.040		0.040	0.010	mg/Kg	☼	08/26/22 13:11	08/31/22 22:00	1
N-Nitrosodi-n-propylamine	<0.081		0.081	0.049	mg/Kg	☼	08/26/22 13:11	08/31/22 22:00	1
N-Nitrosodiphenylamine	<0.20		0.20	0.048	mg/Kg	☼	08/26/22 13:11	08/31/22 22:00	1
Pentachlorophenol	<0.81		0.81	0.65	mg/Kg	☼	08/26/22 13:11	08/31/22 22:00	1
Phenanthrene	<0.040		0.040	0.0056	mg/Kg	☼	08/26/22 13:11	08/31/22 22:00	1
Phenol	<0.20		0.20	0.090	mg/Kg	☼	08/26/22 13:11	08/31/22 22:00	1
Pyrene	<0.040		0.040	0.0080	mg/Kg	☼	08/26/22 13:11	08/31/22 22:00	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
2,4,6-Tribromophenol (Surr)	84		31 - 143				08/26/22 13:11	08/31/22 22:00	1
2-Fluorobiphenyl (Surr)	59		43 - 145				08/26/22 13:11	08/31/22 22:00	1
2-Fluorophenol (Surr)	116		31 - 166				08/26/22 13:11	08/31/22 22:00	1
Nitrobenzene-d5 (Surr)	61		37 - 147				08/26/22 13:11	08/31/22 22:00	1
Phenol-d5 (Surr)	108		30 - 153				08/26/22 13:11	08/31/22 22:00	1
Terphenyl-d14 (Surr)	110		42 - 157				08/26/22 13:11	08/31/22 22:00	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		08/23/22 07:58	08/23/22 22:56	1
<b>Barium</b>	<b>0.72</b>		0.50	0.050	mg/L		08/23/22 07:58	08/23/22 22:56	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		08/23/22 07:58	08/23/22 22:56	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		08/23/22 07:58	08/23/22 22:56	1
Chromium	<0.025		0.025	0.010	mg/L		08/23/22 07:58	08/23/22 22:56	1
<b>Cobalt</b>	<b>0.018 J</b>		0.025	0.010	mg/L		08/23/22 07:58	08/23/22 22:56	1
Copper	<0.025		0.025	0.010	mg/L		08/23/22 07:58	08/23/22 22:56	1
Iron	<0.40		0.40	0.20	mg/L		08/23/22 07:58	08/23/22 22:56	1
Lead	<0.0075		0.0075	0.0075	mg/L		08/23/22 07:58	08/23/22 22:56	1
<b>Manganese</b>	<b>6.9</b>		0.025	0.010	mg/L		08/23/22 07:58	08/23/22 22:56	1
<b>Nickel</b>	<b>0.015 J</b>		0.025	0.010	mg/L		08/23/22 07:58	08/23/22 22:56	1
Selenium	<0.050		0.050	0.020	mg/L		08/23/22 07:58	08/23/22 22:56	1
Silver	<0.025		0.025	0.010	mg/L		08/23/22 07:58	08/23/22 22:56	1
Zinc	<0.50		0.50	0.020	mg/L		08/23/22 07:58	08/23/22 22:56	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.038 J</b>		0.050	0.010	mg/L		08/24/22 08:57	08/25/22 12:28	1
<b>Barium</b>	<b>0.79</b>		0.50	0.050	mg/L		08/24/22 08:57	08/25/22 12:28	1
<b>Beryllium</b>	<b>0.0057</b>		0.0040	0.0040	mg/L		08/24/22 08:57	08/25/22 12:28	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		08/24/22 08:57	08/25/22 12:28	1
<b>Chromium</b>	<b>0.14</b>		0.025	0.010	mg/L		08/24/22 08:57	08/25/22 12:28	1
<b>Cobalt</b>	<b>0.040</b>		0.025	0.010	mg/L		08/24/22 08:57	08/25/22 12:28	1
<b>Copper</b>	<b>0.084</b>		0.025	0.010	mg/L		08/24/22 08:57	08/25/22 12:28	1
<b>Iron</b>	<b>130</b>		0.40	0.20	mg/L		08/24/22 08:57	08/25/22 12:28	1
<b>Lead</b>	<b>0.060</b>		0.0075	0.0075	mg/L		08/24/22 08:57	08/25/22 12:28	1
<b>Manganese</b>	<b>0.89</b>		0.025	0.010	mg/L		08/24/22 08:57	08/25/22 14:32	1
<b>Nickel</b>	<b>0.089</b>		0.025	0.010	mg/L		08/24/22 08:57	08/25/22 12:28	1
Selenium	<0.050		0.050	0.020	mg/L		08/24/22 08:57	08/25/22 12:28	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220919-1

**Client Sample ID: ROW-211(0-5)-081522D**

**Lab Sample ID: 500-220919-16**

Date Collected: 08/15/22 14:00

Matrix: Solid

Date Received: 08/16/22 11:50

Percent Solids: 79.4

### Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		08/24/22 08:57	08/25/22 12:28	1
Zinc	0.29	J	0.50	0.020	mg/L		08/24/22 08:57	08/25/22 12:28	1

### Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	13000		12	5.0	mg/Kg	☆	08/19/22 15:41	08/22/22 11:41	1
Antimony	0.28	J	1.2	0.24	mg/Kg	☆	08/19/22 15:41	08/22/22 11:41	1
Arsenic	5.3		0.61	0.21	mg/Kg	☆	08/19/22 15:41	08/22/22 11:41	1
Barium	120		0.61	0.070	mg/Kg	☆	08/19/22 15:41	08/22/22 11:41	1
Beryllium	0.78		0.24	0.057	mg/Kg	☆	08/19/22 15:41	08/22/22 11:41	1
Cadmium	0.057	J	0.12	0.022	mg/Kg	☆	08/19/22 15:41	08/22/22 11:41	1
Calcium	9600		12	2.1	mg/Kg	☆	08/19/22 15:41	08/22/22 11:41	1
Chromium	14		0.61	0.30	mg/Kg	☆	08/19/22 15:41	08/22/22 11:41	1
Cobalt	7.9		0.31	0.080	mg/Kg	☆	08/19/22 15:41	08/22/22 11:41	1
Copper	14		0.61	0.17	mg/Kg	☆	08/19/22 15:41	08/22/22 11:41	1
Iron	15000		12	6.4	mg/Kg	☆	08/19/22 15:41	08/22/22 11:41	1
Lead	14		0.31	0.14	mg/Kg	☆	08/19/22 15:41	08/22/22 11:41	1
Magnesium	6200		6.1	3.0	mg/Kg	☆	08/19/22 15:41	08/22/22 11:41	1
Manganese	290		0.61	0.089	mg/Kg	☆	08/19/22 15:41	08/22/22 11:41	1
Nickel	14		0.61	0.18	mg/Kg	☆	08/19/22 15:41	08/22/22 11:41	1
Potassium	1100		31	11	mg/Kg	☆	08/19/22 15:41	08/22/22 11:41	1
Selenium	<0.61		0.61	0.36	mg/Kg	☆	08/19/22 15:41	08/22/22 11:41	1
Silver	0.39		0.31	0.079	mg/Kg	☆	08/19/22 15:41	08/22/22 11:41	1
Sodium	760		61	9.0	mg/Kg	☆	08/19/22 15:41	08/22/22 11:41	1
Thallium	<0.61		0.61	0.31	mg/Kg	☆	08/19/22 15:41	08/22/22 11:41	1
Vanadium	26		0.31	0.072	mg/Kg	☆	08/19/22 15:41	08/22/22 11:41	1
Zinc	50		1.2	0.54	mg/Kg	☆	08/19/22 15:41	08/22/22 11:41	1

### Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00024		0.00020	0.00020	mg/L		08/22/22 15:45	08/23/22 09:23	1

### Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00027		0.00020	0.00020	mg/L		08/22/22 15:45	08/23/22 10:20	1

### Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.031		0.020	0.0066	mg/Kg	☆	08/22/22 15:05	08/23/22 07:06	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.4		0.2	0.2	SU			08/19/22 19:28	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220919-1

**Client Sample ID: ROW-211(5-10)-081522**

**Lab Sample ID: 500-220919-17**

Date Collected: 08/15/22 14:05

Matrix: Solid

Date Received: 08/16/22 11:50

Percent Solids: 79.1

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.019		0.019	0.0082	mg/Kg	☼	08/16/22 18:04	08/24/22 19:05	1
Benzene	<0.0019		0.0019	0.00048	mg/Kg	☼	08/16/22 18:04	08/24/22 19:05	1
Bromodichloromethane	<0.0019		0.0019	0.00038	mg/Kg	☼	08/16/22 18:04	08/24/22 19:05	1
Bromoform	<0.0019		0.0019	0.00055	mg/Kg	☼	08/16/22 18:04	08/24/22 19:05	1
Bromomethane	<0.0047		0.0047	0.0018	mg/Kg	☼	08/16/22 18:04	08/24/22 19:05	1
Carbon disulfide	<0.0047		0.0047	0.00098	mg/Kg	☼	08/16/22 18:04	08/24/22 19:05	1
Carbon tetrachloride	<0.0019		0.0019	0.00055	mg/Kg	☼	08/16/22 18:04	08/24/22 19:05	1
Chlorobenzene	<0.0019		0.0019	0.00070	mg/Kg	☼	08/16/22 18:04	08/24/22 19:05	1
Chloroethane	<0.0047		0.0047	0.0014	mg/Kg	☼	08/16/22 18:04	08/24/22 19:05	1
Chloroform	<0.0019		0.0019	0.00066	mg/Kg	☼	08/16/22 18:04	08/24/22 19:05	1
Chloromethane	<0.0047		0.0047	0.0019	mg/Kg	☼	08/16/22 18:04	08/24/22 19:05	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00053	mg/Kg	☼	08/16/22 18:04	08/24/22 19:05	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00057	mg/Kg	☼	08/16/22 18:04	08/24/22 19:05	1
Dibromochloromethane	<0.0019		0.0019	0.00062	mg/Kg	☼	08/16/22 18:04	08/24/22 19:05	1
1,1-Dichloroethane	<0.0019		0.0019	0.00065	mg/Kg	☼	08/16/22 18:04	08/24/22 19:05	1
1,2-Dichloroethane	<0.0047		0.0047	0.0015	mg/Kg	☼	08/16/22 18:04	08/24/22 19:05	1
1,1-Dichloroethene	<0.0019		0.0019	0.00065	mg/Kg	☼	08/16/22 18:04	08/24/22 19:05	1
1,2-Dichloropropane	<0.0019		0.0019	0.00049	mg/Kg	☼	08/16/22 18:04	08/24/22 19:05	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00066	mg/Kg	☼	08/16/22 18:04	08/24/22 19:05	1
Ethylbenzene	<0.0019		0.0019	0.00091	mg/Kg	☼	08/16/22 18:04	08/24/22 19:05	1
2-Hexanone	<0.0047		0.0047	0.0015	mg/Kg	☼	08/16/22 18:04	08/24/22 19:05	1
Methylene Chloride	<0.0047		0.0047	0.0019	mg/Kg	☼	08/16/22 18:04	08/24/22 19:05	1
Methyl Ethyl Ketone	0.0028 J		0.0047	0.0021	mg/Kg	☼	08/16/22 18:04	08/24/22 19:05	1
methyl isobutyl ketone	<0.0047		0.0047	0.0014	mg/Kg	☼	08/16/22 18:04	08/24/22 19:05	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00056	mg/Kg	☼	08/16/22 18:04	08/24/22 19:05	1
Styrene	<0.0019		0.0019	0.00057	mg/Kg	☼	08/16/22 18:04	08/24/22 19:05	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00060	mg/Kg	☼	08/16/22 18:04	08/24/22 19:05	1
Tetrachloroethene	<0.0019		0.0019	0.00064	mg/Kg	☼	08/16/22 18:04	08/24/22 19:05	1
Toluene	<0.0019		0.0019	0.00048	mg/Kg	☼	08/16/22 18:04	08/24/22 19:05	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00084	mg/Kg	☼	08/16/22 18:04	08/24/22 19:05	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00066	mg/Kg	☼	08/16/22 18:04	08/24/22 19:05	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00063	mg/Kg	☼	08/16/22 18:04	08/24/22 19:05	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00081	mg/Kg	☼	08/16/22 18:04	08/24/22 19:05	1
Trichloroethene	<0.0019		0.0019	0.00064	mg/Kg	☼	08/16/22 18:04	08/24/22 19:05	1
Vinyl chloride	<0.0019		0.0019	0.00084	mg/Kg	☼	08/16/22 18:04	08/24/22 19:05	1
Xylenes, Total	<0.0038		0.0038	0.00061	mg/Kg	☼	08/16/22 18:04	08/24/22 19:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		75 - 131	08/16/22 18:04	08/24/22 19:05	1
Dibromofluoromethane (Surr)	108		75 - 126	08/16/22 18:04	08/24/22 19:05	1
1,2-Dichloroethane-d4 (Surr)	109		70 - 134	08/16/22 18:04	08/24/22 19:05	1
Toluene-d8 (Surr)	93		75 - 124	08/16/22 18:04	08/24/22 19:05	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.30		0.30	0.064	mg/Kg	☼	08/26/22 13:11	09/01/22 13:59	1
1,2-Dichlorobenzene	<0.30		0.30	0.071	mg/Kg	☼	08/26/22 13:11	09/01/22 13:59	1
1,3-Dichlorobenzene	<0.30		0.30	0.067	mg/Kg	☼	08/26/22 13:11	09/01/22 13:59	1
1,4-Dichlorobenzene	<0.30		0.30	0.076	mg/Kg	☼	08/26/22 13:11	09/01/22 13:59	1
2,2'-oxybis[1-chloropropane]	<0.30		0.30	0.069	mg/Kg	☼	08/26/22 13:11	09/01/22 13:59	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220919-1

**Client Sample ID: ROW-211(5-10)-081522**

**Lab Sample ID: 500-220919-17**

**Date Collected: 08/15/22 14:05**

**Matrix: Solid**

**Date Received: 08/16/22 11:50**

**Percent Solids: 79.1**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.59		0.59	0.14	mg/Kg	✳	08/26/22 13:11	09/01/22 13:59	1
2,4,6-Trichlorophenol	<0.59		0.59	0.20	mg/Kg	✳	08/26/22 13:11	09/01/22 13:59	1
2,4-Dichlorophenol	<0.59		0.59	0.14	mg/Kg	✳	08/26/22 13:11	09/01/22 13:59	1
2,4-Dimethylphenol	<0.59		0.59	0.22	mg/Kg	✳	08/26/22 13:11	09/01/22 13:59	1
2,4-Dinitrophenol	<1.2		1.2	1.0	mg/Kg	✳	08/26/22 13:11	09/01/22 13:59	1
2,4-Dinitrotoluene	<0.30		0.30	0.094	mg/Kg	✳	08/26/22 13:11	09/01/22 13:59	1
2,6-Dinitrotoluene	<0.30		0.30	0.12	mg/Kg	✳	08/26/22 13:11	09/01/22 13:59	1
2-Chloronaphthalene	<0.30		0.30	0.065	mg/Kg	✳	08/26/22 13:11	09/01/22 13:59	1
2-Chlorophenol	<0.30	*+	0.30	0.10	mg/Kg	✳	08/26/22 13:11	09/01/22 13:59	1
2-Methylnaphthalene	<0.12		0.12	0.011	mg/Kg	✳	08/26/22 13:11	09/01/22 13:59	1
2-Methylphenol	<0.30		0.30	0.095	mg/Kg	✳	08/26/22 13:11	09/01/22 13:59	1
2-Nitroaniline	<0.30		0.30	0.080	mg/Kg	✳	08/26/22 13:11	09/01/22 13:59	1
2-Nitrophenol	<0.59		0.59	0.14	mg/Kg	✳	08/26/22 13:11	09/01/22 13:59	1
3 & 4 Methylphenol	<0.30		0.30	0.099	mg/Kg	✳	08/26/22 13:11	09/01/22 13:59	1
3,3'-Dichlorobenzidine	<0.30		0.30	0.083	mg/Kg	✳	08/26/22 13:11	09/01/22 13:59	1
3-Nitroaniline	<0.59		0.59	0.18	mg/Kg	✳	08/26/22 13:11	09/01/22 13:59	1
4,6-Dinitro-2-methylphenol	<1.2		1.2	0.48	mg/Kg	✳	08/26/22 13:11	09/01/22 13:59	1
4-Bromophenyl phenyl ether	<0.30		0.30	0.078	mg/Kg	✳	08/26/22 13:11	09/01/22 13:59	1
4-Chloro-3-methylphenol	<0.59		0.59	0.20	mg/Kg	✳	08/26/22 13:11	09/01/22 13:59	1
4-Chloroaniline	<1.2		1.2	0.28	mg/Kg	✳	08/26/22 13:11	09/01/22 13:59	1
4-Chlorophenyl phenyl ether	<0.30		0.30	0.069	mg/Kg	✳	08/26/22 13:11	09/01/22 13:59	1
4-Nitroaniline	<0.59		0.59	0.25	mg/Kg	✳	08/26/22 13:11	09/01/22 13:59	1
4-Nitrophenol	<1.2		1.2	0.56	mg/Kg	✳	08/26/22 13:11	09/01/22 13:59	1
Acenaphthene	<0.059		0.059	0.011	mg/Kg	✳	08/26/22 13:11	09/01/22 13:59	1
Acenaphthylene	<0.059		0.059	0.0078	mg/Kg	✳	08/26/22 13:11	09/01/22 13:59	1
Anthracene	<0.059		0.059	0.0099	mg/Kg	✳	08/26/22 13:11	09/01/22 13:59	1
Benzo[a]anthracene	<0.059		0.059	0.0080	mg/Kg	✳	08/26/22 13:11	09/01/22 13:59	1
Benzo[a]pyrene	<0.059		0.059	0.011	mg/Kg	✳	08/26/22 13:11	09/01/22 13:59	1
Benzo[b]fluoranthene	<0.059		0.059	0.013	mg/Kg	✳	08/26/22 13:11	09/01/22 13:59	1
Benzo[g,h,i]perylene	<0.059		0.059	0.019	mg/Kg	✳	08/26/22 13:11	09/01/22 13:59	1
Benzo[k]fluoranthene	<0.059		0.059	0.017	mg/Kg	✳	08/26/22 13:11	09/01/22 13:59	1
Bis(2-chloroethoxy)methane	<0.30		0.30	0.060	mg/Kg	✳	08/26/22 13:11	09/01/22 13:59	1
Bis(2-chloroethyl)ether	<0.30		0.30	0.089	mg/Kg	✳	08/26/22 13:11	09/01/22 13:59	1
Bis(2-ethylhexyl) phthalate	<0.30		0.30	0.11	mg/Kg	✳	08/26/22 13:11	09/01/22 13:59	1
Butyl benzyl phthalate	<0.30		0.30	0.11	mg/Kg	✳	08/26/22 13:11	09/01/22 13:59	1
Carbazole	<0.30		0.30	0.15	mg/Kg	✳	08/26/22 13:11	09/01/22 13:59	1
Chrysene	<0.059		0.059	0.016	mg/Kg	✳	08/26/22 13:11	09/01/22 13:59	1
Dibenz(a,h)anthracene	<0.059		0.059	0.011	mg/Kg	✳	08/26/22 13:11	09/01/22 13:59	1
Dibenzofuran	<0.30		0.30	0.069	mg/Kg	✳	08/26/22 13:11	09/01/22 13:59	1
Diethyl phthalate	<0.30		0.30	0.10	mg/Kg	✳	08/26/22 13:11	09/01/22 13:59	1
Dimethyl phthalate	<0.30		0.30	0.077	mg/Kg	✳	08/26/22 13:11	09/01/22 13:59	1
Di-n-butyl phthalate	<0.30		0.30	0.090	mg/Kg	✳	08/26/22 13:11	09/01/22 13:59	1
Di-n-octyl phthalate	<0.30		0.30	0.097	mg/Kg	✳	08/26/22 13:11	09/01/22 13:59	1
Fluoranthene	<0.059		0.059	0.011	mg/Kg	✳	08/26/22 13:11	09/01/22 13:59	1
Fluorene	<0.059		0.059	0.0083	mg/Kg	✳	08/26/22 13:11	09/01/22 13:59	1
Hexachlorobenzene	<0.12		0.12	0.014	mg/Kg	✳	08/26/22 13:11	09/01/22 13:59	1
Hexachlorobutadiene	<0.30		0.30	0.093	mg/Kg	✳	08/26/22 13:11	09/01/22 13:59	1
Hexachlorocyclopentadiene	<1.2		1.2	0.34	mg/Kg	✳	08/26/22 13:11	09/01/22 13:59	1
Hexachloroethane	<0.30		0.30	0.090	mg/Kg	✳	08/26/22 13:11	09/01/22 13:59	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220919-1

Client Sample ID: ROW-211(5-10)-081522
Date Collected: 08/15/22 14:05
Date Received: 08/16/22 11:50

Lab Sample ID: 500-220919-17
Matrix: Solid
Percent Solids: 79.1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Table with columns: Analyte, Result, Qualifier, RL, MDL, Unit, D, Prepared, Analyzed, Dil Fac. Rows include Indeno[1,2,3-cd]pyrene, Isophorone, Naphthalene, Nitrobenzene, N-Nitrosodi-n-propylamine, N-Nitrosodiphenylamine, Pentachlorophenol, Phenanthrene, Phenol, Pyrene.

Table with columns: Surrogate, %Recovery, Qualifier, Limits, Prepared, Analyzed, Dil Fac. Rows include 2,4,6-Tribromophenol (Surr), 2-Fluorobiphenyl (Surr), 2-Fluorophenol (Surr), Nitrobenzene-d5 (Surr), Phenol-d5 (Surr), Terphenyl-d14 (Surr).

Method: 6010B - Metals (ICP) - TCLP

Table with columns: Analyte, Result, Qualifier, RL, MDL, Unit, D, Prepared, Analyzed, Dil Fac. Rows include Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Iron, Lead, Manganese, Nickel, Selenium, Silver, Zinc.

Method: 6010B - Metals (ICP) - SPLP East

Table with columns: Analyte, Result, Qualifier, RL, MDL, Unit, D, Prepared, Analyzed, Dil Fac. Rows include Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Iron, Lead, Manganese, Nickel, Selenium.

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# Client Sample Results

Client: Weston Solutions, Inc.  
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220919-1

**Client Sample ID: ROW-211(5-10)-081522**

**Lab Sample ID: 500-220919-17**

Date Collected: 08/15/22 14:05

Matrix: Solid

Date Received: 08/16/22 11:50

Percent Solids: 79.1

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		08/24/22 08:57	08/25/22 12:31	1
<b>Zinc</b>	<b>0.50</b>		0.50	0.020	mg/L		08/24/22 08:57	08/25/22 12:31	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	12000		12	5.0	mg/Kg	☆	08/19/22 15:41	08/22/22 11:44	1
Antimony	0.30	J	1.2	0.24	mg/Kg	☆	08/19/22 15:41	08/22/22 11:44	1
Arsenic	8.9		0.61	0.21	mg/Kg	☆	08/19/22 15:41	08/22/22 11:44	1
Barium	98		0.61	0.069	mg/Kg	☆	08/19/22 15:41	08/22/22 11:44	1
Beryllium	0.78		0.24	0.057	mg/Kg	☆	08/19/22 15:41	08/22/22 11:44	1
Cadmium	0.053	J	0.12	0.022	mg/Kg	☆	08/19/22 15:41	08/22/22 11:44	1
Calcium	3900		12	2.1	mg/Kg	☆	08/19/22 15:41	08/22/22 11:44	1
Chromium	17		0.61	0.30	mg/Kg	☆	08/19/22 15:41	08/22/22 11:44	1
Cobalt	12		0.30	0.080	mg/Kg	☆	08/19/22 15:41	08/22/22 11:44	1
Copper	17		0.61	0.17	mg/Kg	☆	08/19/22 15:41	08/22/22 11:44	1
Iron	21000		12	6.3	mg/Kg	☆	08/19/22 15:41	08/22/22 11:44	1
Lead	13		0.30	0.14	mg/Kg	☆	08/19/22 15:41	08/22/22 11:44	1
Magnesium	4200		6.1	3.0	mg/Kg	☆	08/19/22 15:41	08/22/22 11:44	1
Manganese	200		0.61	0.088	mg/Kg	☆	08/19/22 15:41	08/22/22 11:44	1
Nickel	30		0.61	0.18	mg/Kg	☆	08/19/22 15:41	08/22/22 11:44	1
Potassium	1100		30	11	mg/Kg	☆	08/19/22 15:41	08/22/22 11:44	1
Selenium	<0.61		0.61	0.36	mg/Kg	☆	08/19/22 15:41	08/22/22 11:44	1
Silver	0.49		0.30	0.079	mg/Kg	☆	08/19/22 15:41	08/22/22 11:44	1
Sodium	1200		61	9.0	mg/Kg	☆	08/19/22 15:41	08/22/22 11:44	1
Thallium	0.41	J	0.61	0.30	mg/Kg	☆	08/19/22 15:41	08/22/22 11:44	1
Vanadium	28		0.30	0.072	mg/Kg	☆	08/19/22 15:41	08/22/22 11:44	1
Zinc	56		1.2	0.53	mg/Kg	☆	08/19/22 15:41	08/22/22 11:44	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00036		0.00020	0.00020	mg/L		08/22/22 15:45	08/23/22 09:25	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00084		0.00050	0.00050	mg/L		08/22/22 15:45	08/23/22 10:22	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.035		0.021	0.0069	mg/Kg	☆	08/22/22 15:05	08/23/22 07:08	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.1		0.2	0.2	SU			08/19/22 19:31	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220919-1

Client Sample ID: ROW-211(10-15)-081522

Lab Sample ID: 500-220919-18

Date Collected: 08/15/22 14:10

Matrix: Solid

Date Received: 08/16/22 11:50

Percent Solids: 85.5

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0077	J	0.017	0.0074	mg/Kg	☆	08/16/22 18:04	08/25/22 17:46	1
Benzene	<0.0017		0.0017	0.00043	mg/Kg	☆	08/16/22 18:04	08/25/22 17:46	1
Bromodichloromethane	<0.0017		0.0017	0.00035	mg/Kg	☆	08/16/22 18:04	08/25/22 17:46	1
Bromoform	<0.0017		0.0017	0.00050	mg/Kg	☆	08/16/22 18:04	08/25/22 17:46	1
Bromomethane	<0.0042		0.0042	0.0016	mg/Kg	☆	08/16/22 18:04	08/25/22 17:46	1
Carbon disulfide	<0.0042		0.0042	0.00088	mg/Kg	☆	08/16/22 18:04	08/25/22 17:46	1
Carbon tetrachloride	<0.0017		0.0017	0.00049	mg/Kg	☆	08/16/22 18:04	08/25/22 17:46	1
Chlorobenzene	<0.0017		0.0017	0.00063	mg/Kg	☆	08/16/22 18:04	08/25/22 17:46	1
Chloroethane	<0.0042		0.0042	0.0013	mg/Kg	☆	08/16/22 18:04	08/25/22 17:46	1
Chloroform	<0.0017		0.0017	0.00059	mg/Kg	☆	08/16/22 18:04	08/25/22 17:46	1
Chloromethane	<0.0042		0.0042	0.0017	mg/Kg	☆	08/16/22 18:04	08/25/22 17:46	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00047	mg/Kg	☆	08/16/22 18:04	08/25/22 17:46	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00051	mg/Kg	☆	08/16/22 18:04	08/25/22 17:46	1
Dibromochloromethane	<0.0017		0.0017	0.00055	mg/Kg	☆	08/16/22 18:04	08/25/22 17:46	1
1,1-Dichloroethane	<0.0017		0.0017	0.00058	mg/Kg	☆	08/16/22 18:04	08/25/22 17:46	1
1,2-Dichloroethane	<0.0042		0.0042	0.0013	mg/Kg	☆	08/16/22 18:04	08/25/22 17:46	1
1,1-Dichloroethene	<0.0017		0.0017	0.00058	mg/Kg	☆	08/16/22 18:04	08/25/22 17:46	1
1,2-Dichloropropane	<0.0017		0.0017	0.00044	mg/Kg	☆	08/16/22 18:04	08/25/22 17:46	1
1,3-Dichloropropane, Total	<0.0017		0.0017	0.00060	mg/Kg	☆	08/16/22 18:04	08/25/22 17:46	1
Ethylbenzene	<0.0017		0.0017	0.00081	mg/Kg	☆	08/16/22 18:04	08/25/22 17:46	1
2-Hexanone	<0.0042		0.0042	0.0013	mg/Kg	☆	08/16/22 18:04	08/25/22 17:46	1
Methylene Chloride	<0.0042		0.0042	0.0017	mg/Kg	☆	08/16/22 18:04	08/25/22 17:46	1
Methyl Ethyl Ketone	<0.0042		0.0042	0.0019	mg/Kg	☆	08/16/22 18:04	08/25/22 17:46	1
methyl isobutyl ketone	<0.0042		0.0042	0.0013	mg/Kg	☆	08/16/22 18:04	08/25/22 17:46	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00050	mg/Kg	☆	08/16/22 18:04	08/25/22 17:46	1
Styrene	<0.0017		0.0017	0.00051	mg/Kg	☆	08/16/22 18:04	08/25/22 17:46	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00054	mg/Kg	☆	08/16/22 18:04	08/25/22 17:46	1
Tetrachloroethene	<0.0017		0.0017	0.00058	mg/Kg	☆	08/16/22 18:04	08/25/22 17:46	1
Toluene	<0.0017		0.0017	0.00043	mg/Kg	☆	08/16/22 18:04	08/25/22 17:46	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00075	mg/Kg	☆	08/16/22 18:04	08/25/22 17:46	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00060	mg/Kg	☆	08/16/22 18:04	08/25/22 17:46	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00057	mg/Kg	☆	08/16/22 18:04	08/25/22 17:46	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00073	mg/Kg	☆	08/16/22 18:04	08/25/22 17:46	1
Trichloroethene	<0.0017		0.0017	0.00057	mg/Kg	☆	08/16/22 18:04	08/25/22 17:46	1
Vinyl chloride	<0.0017		0.0017	0.00075	mg/Kg	☆	08/16/22 18:04	08/25/22 17:46	1
Xylenes, Total	<0.0034		0.0034	0.00054	mg/Kg	☆	08/16/22 18:04	08/25/22 17:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		75 - 131	08/16/22 18:04	08/25/22 17:46	1
Dibromofluoromethane (Surr)	109		75 - 126	08/16/22 18:04	08/25/22 17:46	1
1,2-Dichloroethane-d4 (Surr)	111		70 - 134	08/16/22 18:04	08/25/22 17:46	1
Toluene-d8 (Surr)	96		75 - 124	08/16/22 18:04	08/25/22 17:46	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	☆	08/26/22 13:11	09/01/22 14:24	1
1,2-Dichlorobenzene	<0.19		0.19	0.044	mg/Kg	☆	08/26/22 13:11	09/01/22 14:24	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☆	08/26/22 13:11	09/01/22 14:24	1
1,4-Dichlorobenzene	<0.19		0.19	0.047	mg/Kg	☆	08/26/22 13:11	09/01/22 14:24	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	☆	08/26/22 13:11	09/01/22 14:24	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220919-1

**Client Sample ID: ROW-211(10-15)-081522**

**Lab Sample ID: 500-220919-18**

**Date Collected: 08/15/22 14:10**

**Matrix: Solid**

**Date Received: 08/16/22 11:50**

**Percent Solids: 85.5**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.084	mg/Kg	✳	08/26/22 13:11	09/01/22 14:24	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	✳	08/26/22 13:11	09/01/22 14:24	1
2,4-Dichlorophenol	<0.37		0.37	0.088	mg/Kg	✳	08/26/22 13:11	09/01/22 14:24	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	✳	08/26/22 13:11	09/01/22 14:24	1
2,4-Dinitrophenol	<0.75		0.75	0.65	mg/Kg	✳	08/26/22 13:11	09/01/22 14:24	1
2,4-Dinitrotoluene	<0.19		0.19	0.059	mg/Kg	✳	08/26/22 13:11	09/01/22 14:24	1
2,6-Dinitrotoluene	<0.19		0.19	0.073	mg/Kg	✳	08/26/22 13:11	09/01/22 14:24	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	✳	08/26/22 13:11	09/01/22 14:24	1
2-Chlorophenol	<0.19	+	0.19	0.063	mg/Kg	✳	08/26/22 13:11	09/01/22 14:24	1
2-Methylnaphthalene	<0.075		0.075	0.0068	mg/Kg	✳	08/26/22 13:11	09/01/22 14:24	1
2-Methylphenol	<0.19		0.19	0.059	mg/Kg	✳	08/26/22 13:11	09/01/22 14:24	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	✳	08/26/22 13:11	09/01/22 14:24	1
2-Nitrophenol	<0.37		0.37	0.087	mg/Kg	✳	08/26/22 13:11	09/01/22 14:24	1
3 & 4 Methylphenol	<0.19		0.19	0.062	mg/Kg	✳	08/26/22 13:11	09/01/22 14:24	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.052	mg/Kg	✳	08/26/22 13:11	09/01/22 14:24	1
3-Nitroaniline	<0.37		0.37	0.11	mg/Kg	✳	08/26/22 13:11	09/01/22 14:24	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.30	mg/Kg	✳	08/26/22 13:11	09/01/22 14:24	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	✳	08/26/22 13:11	09/01/22 14:24	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	✳	08/26/22 13:11	09/01/22 14:24	1
4-Chloroaniline	<0.75		0.75	0.17	mg/Kg	✳	08/26/22 13:11	09/01/22 14:24	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.043	mg/Kg	✳	08/26/22 13:11	09/01/22 14:24	1
4-Nitroaniline	<0.37		0.37	0.15	mg/Kg	✳	08/26/22 13:11	09/01/22 14:24	1
4-Nitrophenol	<0.75		0.75	0.35	mg/Kg	✳	08/26/22 13:11	09/01/22 14:24	1
Acenaphthene	<0.037		0.037	0.0066	mg/Kg	✳	08/26/22 13:11	09/01/22 14:24	1
Acenaphthylene	<0.037		0.037	0.0049	mg/Kg	✳	08/26/22 13:11	09/01/22 14:24	1
Anthracene	<0.037		0.037	0.0062	mg/Kg	✳	08/26/22 13:11	09/01/22 14:24	1
Benzo[a]anthracene	<0.037		0.037	0.0050	mg/Kg	✳	08/26/22 13:11	09/01/22 14:24	1
Benzo[a]pyrene	<0.037		0.037	0.0072	mg/Kg	✳	08/26/22 13:11	09/01/22 14:24	1
Benzo[b]fluoranthene	<0.037		0.037	0.0080	mg/Kg	✳	08/26/22 13:11	09/01/22 14:24	1
Benzo[g,h,i]perylene	<0.037		0.037	0.012	mg/Kg	✳	08/26/22 13:11	09/01/22 14:24	1
Benzo[k]fluoranthene	<0.037		0.037	0.011	mg/Kg	✳	08/26/22 13:11	09/01/22 14:24	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	✳	08/26/22 13:11	09/01/22 14:24	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.055	mg/Kg	✳	08/26/22 13:11	09/01/22 14:24	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.068	mg/Kg	✳	08/26/22 13:11	09/01/22 14:24	1
Butyl benzyl phthalate	<0.19		0.19	0.070	mg/Kg	✳	08/26/22 13:11	09/01/22 14:24	1
Carbazole	<0.19		0.19	0.092	mg/Kg	✳	08/26/22 13:11	09/01/22 14:24	1
Chrysene	<0.037		0.037	0.010	mg/Kg	✳	08/26/22 13:11	09/01/22 14:24	1
Dibenz(a,h)anthracene	<0.037		0.037	0.0071	mg/Kg	✳	08/26/22 13:11	09/01/22 14:24	1
Dibenzofuran	<0.19		0.19	0.043	mg/Kg	✳	08/26/22 13:11	09/01/22 14:24	1
Diethyl phthalate	<0.19		0.19	0.063	mg/Kg	✳	08/26/22 13:11	09/01/22 14:24	1
Dimethyl phthalate	<0.19		0.19	0.048	mg/Kg	✳	08/26/22 13:11	09/01/22 14:24	1
Di-n-butyl phthalate	<0.19		0.19	0.056	mg/Kg	✳	08/26/22 13:11	09/01/22 14:24	1
Di-n-octyl phthalate	<0.19		0.19	0.060	mg/Kg	✳	08/26/22 13:11	09/01/22 14:24	1
Fluoranthene	<0.037		0.037	0.0069	mg/Kg	✳	08/26/22 13:11	09/01/22 14:24	1
Fluorene	<0.037		0.037	0.0052	mg/Kg	✳	08/26/22 13:11	09/01/22 14:24	1
Hexachlorobenzene	<0.075		0.075	0.0086	mg/Kg	✳	08/26/22 13:11	09/01/22 14:24	1
Hexachlorobutadiene	<0.19		0.19	0.058	mg/Kg	✳	08/26/22 13:11	09/01/22 14:24	1
Hexachlorocyclopentadiene	<0.75		0.75	0.21	mg/Kg	✳	08/26/22 13:11	09/01/22 14:24	1
Hexachloroethane	<0.19		0.19	0.056	mg/Kg	✳	08/26/22 13:11	09/01/22 14:24	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220919-1

**Client Sample ID: ROW-211(10-15)-081522**

**Lab Sample ID: 500-220919-18**

**Date Collected: 08/15/22 14:10**

**Matrix: Solid**

**Date Received: 08/16/22 11:50**

**Percent Solids: 85.5**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.037		0.037	0.0096	mg/Kg	*	08/26/22 13:11	09/01/22 14:24	1
Isophorone	<0.19		0.19	0.041	mg/Kg	*	08/26/22 13:11	09/01/22 14:24	1
Naphthalene	<0.037		0.037	0.0057	mg/Kg	*	08/26/22 13:11	09/01/22 14:24	1
Nitrobenzene	<0.037		0.037	0.0092	mg/Kg	*	08/26/22 13:11	09/01/22 14:24	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.045	mg/Kg	*	08/26/22 13:11	09/01/22 14:24	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	*	08/26/22 13:11	09/01/22 14:24	1
Pentachlorophenol	<0.75		0.75	0.59	mg/Kg	*	08/26/22 13:11	09/01/22 14:24	1
Phenanthrene	<0.037		0.037	0.0051	mg/Kg	*	08/26/22 13:11	09/01/22 14:24	1
Phenol	<0.19		0.19	0.082	mg/Kg	*	08/26/22 13:11	09/01/22 14:24	1
Pyrene	<0.037		0.037	0.0073	mg/Kg	*	08/26/22 13:11	09/01/22 14:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	58		31 - 143	08/26/22 13:11	09/01/22 14:24	1
2-Fluorobiphenyl (Surr)	52		43 - 145	08/26/22 13:11	09/01/22 14:24	1
2-Fluorophenol (Surr)	69		31 - 166	08/26/22 13:11	09/01/22 14:24	1
Nitrobenzene-d5 (Surr)	37		37 - 147	08/26/22 13:11	09/01/22 14:24	1
Phenol-d5 (Surr)	50		30 - 153	08/26/22 13:11	09/01/22 14:24	1
Terphenyl-d14 (Surr)	69		42 - 157	08/26/22 13:11	09/01/22 14:24	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		08/23/22 07:58	08/23/22 23:06	1
Barium	0.31	J	0.50	0.050	mg/L		08/23/22 07:58	08/23/22 23:06	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		08/23/22 07:58	08/23/22 23:06	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		08/23/22 07:58	08/23/22 23:06	1
Chromium	<0.025		0.025	0.010	mg/L		08/23/22 07:58	08/23/22 23:06	1
Cobalt	<0.025		0.025	0.010	mg/L		08/23/22 07:58	08/23/22 23:06	1
Copper	<0.025		0.025	0.010	mg/L		08/23/22 07:58	08/23/22 23:06	1
Iron	<0.40		0.40	0.20	mg/L		08/23/22 07:58	08/23/22 23:06	1
Lead	<0.0075		0.0075	0.0075	mg/L		08/23/22 07:58	08/23/22 23:06	1
Manganese	0.68		0.025	0.010	mg/L		08/23/22 07:58	08/23/22 23:06	1
Nickel	<0.025		0.025	0.010	mg/L		08/23/22 07:58	08/23/22 23:06	1
Selenium	<0.050		0.050	0.020	mg/L		08/23/22 07:58	08/23/22 23:06	1
Silver	<0.025		0.025	0.010	mg/L		08/23/22 07:58	08/23/22 23:06	1
Zinc	<0.50		0.50	0.020	mg/L		08/23/22 07:58	08/23/22 23:06	1

**Method: 6010B - Metals (ICP) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.074		0.050	0.010	mg/L		08/24/22 08:57	08/25/22 12:34	1
Barium	0.30	J	0.50	0.050	mg/L		08/24/22 08:57	08/25/22 12:34	1
Beryllium	0.0057		0.0040	0.0040	mg/L		08/24/22 08:57	08/25/22 12:34	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		08/24/22 08:57	08/25/22 12:34	1
Chromium	0.12		0.025	0.010	mg/L		08/24/22 08:57	08/25/22 12:34	1
Cobalt	0.052		0.025	0.010	mg/L		08/24/22 08:57	08/25/22 12:34	1
Copper	0.15		0.025	0.010	mg/L		08/24/22 08:57	08/25/22 12:34	1
Iron	140		0.40	0.20	mg/L		08/24/22 08:57	08/25/22 12:34	1
Lead	0.069		0.0075	0.0075	mg/L		08/24/22 08:57	08/25/22 12:34	1
Manganese	0.49		0.025	0.010	mg/L		08/24/22 08:57	08/25/22 14:38	1
Nickel	0.16		0.025	0.010	mg/L		08/24/22 08:57	08/25/22 12:34	1
Selenium	<0.050		0.050	0.020	mg/L		08/24/22 08:57	08/25/22 12:34	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220919-1

**Client Sample ID: ROW-211(10-15)-081522**

**Lab Sample ID: 500-220919-18**

Date Collected: 08/15/22 14:10

Matrix: Solid

Date Received: 08/16/22 11:50

Percent Solids: 85.5

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		08/24/22 08:57	08/25/22 12:34	1
Zinc	0.34	J	0.50	0.020	mg/L		08/24/22 08:57	08/25/22 12:34	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9100		11	4.6	mg/Kg	☆	08/19/22 15:41	08/22/22 11:47	1
Antimony	0.32	J F1	1.1	0.22	mg/Kg	☆	08/19/22 15:41	08/22/22 11:47	1
Arsenic	8.5	F1	0.57	0.19	mg/Kg	☆	08/19/22 15:41	08/22/22 11:47	1
Barium	33		0.57	0.064	mg/Kg	☆	08/19/22 15:41	08/22/22 11:47	1
Beryllium	0.68		0.23	0.053	mg/Kg	☆	08/19/22 15:41	08/22/22 11:47	1
Cadmium	<0.11		0.11	0.020	mg/Kg	☆	08/19/22 15:41	08/22/22 11:47	1
Calcium	57000		57	9.6	mg/Kg	☆	08/19/22 15:41	08/22/22 17:38	5
Chromium	13		0.57	0.28	mg/Kg	☆	08/19/22 15:41	08/22/22 11:47	1
Cobalt	10		0.28	0.074	mg/Kg	☆	08/19/22 15:41	08/22/22 11:47	1
Copper	19		0.57	0.16	mg/Kg	☆	08/19/22 15:41	08/22/22 11:47	1
Iron	18000		11	5.9	mg/Kg	☆	08/19/22 15:41	08/22/22 11:47	1
Lead	11		0.28	0.13	mg/Kg	☆	08/19/22 15:41	08/22/22 11:47	1
Magnesium	26000		5.7	2.8	mg/Kg	☆	08/19/22 15:41	08/22/22 11:47	1
Manganese	280		0.57	0.082	mg/Kg	☆	08/19/22 15:41	08/22/22 11:47	1
Nickel	26		0.57	0.16	mg/Kg	☆	08/19/22 15:41	08/22/22 11:47	1
Potassium	2200	F1	28	10	mg/Kg	☆	08/19/22 15:41	08/22/22 11:47	1
Selenium	<0.57		0.57	0.33	mg/Kg	☆	08/19/22 15:41	08/22/22 11:47	1
Silver	0.25	J	0.28	0.073	mg/Kg	☆	08/19/22 15:41	08/22/22 11:47	1
Sodium	420		57	8.4	mg/Kg	☆	08/19/22 15:41	08/22/22 11:47	1
Thallium	0.42	J F1	0.57	0.28	mg/Kg	☆	08/19/22 15:41	08/22/22 11:47	1
Vanadium	17		0.28	0.067	mg/Kg	☆	08/19/22 15:41	08/22/22 11:47	1
Zinc	50		1.1	0.50	mg/Kg	☆	08/19/22 15:41	08/22/22 11:47	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		08/22/22 15:45	08/23/22 09:27	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		08/22/22 15:45	08/23/22 10:25	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.015	J	0.018	0.0062	mg/Kg	☆	08/22/22 15:05	08/23/22 07:10	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.8		0.2	0.2	SU			08/19/22 19:33	1

# Definitions/Glossary

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220919-1

## 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.

### 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.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

### Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points

# Definitions/Glossary

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220919-1

## Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

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# Chain of Custody Record

538741



Environment Testing  
TestAmerica

Address: \_\_\_\_\_

Regulatory Program:  DW  NPDES  RCRA  Other

TAL-8210

<b>Client Contact</b>		<b>Project Manager:</b> A. Siders		<b>Site Contact:</b> C. P...		<b>Date:</b>		<b>COC No</b>	
Company Name: <u>Western Solutions</u>		Tel/Email:		Lab Contact:		Carrier:		COC No of <u>4</u> COCs	
Address: <u>300 Knapp's Lane, JF, NJ</u>		<b>Analysis Turnaround Time</b>							
City/State/Zip: <u>Lincoln, NJ 07036</u>		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____ <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day							
Phone:				Filtered Sample (Y/N) Perform MS/MSD (Y/N)		VOCs SVOCs PCBs PAHs PFAS		For Lab Use Only: Walk-in Client <input type="checkbox"/> Lab Sampling <input type="checkbox"/>	
Fax:								Job / SDG No	
Project Name: <u>TRUST 019</u>								<u>500-220919</u>	
Site: <u>T-90</u>								Sample Specific Notes	
P O #:									
500-220919 COC									
<b>Sample Identification</b>		<b>Sample Date</b>	<b>Sample Time</b>	<b>Sample Type</b> (C=Comp, G=Grab)	<b>Matrix</b>	<b># of Cont.</b>			
<u>ROW-204(10-15)-081522</u>		<u>8/15/22</u>	<u>1010</u>	<u>G</u>	<u>S</u>	<u>5</u>			
<u>ROW-205(0-5)-081522</u>			<u>1040</u>						
<u>ROW-205(5-10)-081522</u>			<u>1045</u>						
<u>ROW-205(10-15)-081522</u>			<u>1050</u>						
<u>ROW-206(0-5)-081522</u>			<u>1100</u>						
<u>ROW-206(5-10)-081522</u>			<u>1105</u>						
<u>ROW-206(10-15)-081522</u>			<u>1110</u>						
<u>ROW-207(0-5)-081522</u>			<u>1120</u>						
<u>ROW-207(5-10)-081522</u>			<u>1125</u>						
<u>ROW-207(5-10)-081522D</u>			<u>1125</u>						
<u>ROW-207(10-15)-081522W</u>			<u>1130</u>						
<u>ROW-208(0-5)-081522</u>			<u>1240</u>						
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other									
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months				
Special Instructions/QC Requirements & Comments: <p style="text-align: right;">4.8-7d, 5.1, 5.2 → 3.2, 4.3 → 7.23</p>									
Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temp (°C) Obs'd		Corr'd		Therm ID No.	
Relinquished by: <u>[Signature]</u>		Company: <u>WS</u>		Date/Time: <u>8/16/22 0830</u>		Received by: <u>[Signature]</u>		Company: <u>TESTA</u>	
Relinquished by: <u>[Signature]</u>		Company: <u>TESTA</u>		Date/Time: <u>8/16/22</u>		Received by: <u>[Signature]</u>		Company: <u>TESTA</u>	
Relinquished by: <u>[Signature]</u>		Company: <u>TESTA</u>		Date/Time: <u>8/16/22</u>		Received in Laboratory by: <u>[Signature]</u>		Company: <u>TESTA</u>	

# Chain of Custody Record

538740



Environment Testing  
TestAmerica

TAL-8210

Address \_\_\_\_\_

Regulatory Program:  DW  NPDES  RCRA  Other

Client Contact		Project Manager: <u>A. Slagov</u>		Site Contact: <u>C. Pan</u>		Date:		COC No	
Company Name: <u>Western California</u>		Tel/Email:		Lab Contact: <u>R. W. ...</u>		Carrier:		3 of 4 COCs	
Address: <u>300 Knickerbocker Plaza</u>		Analysis Turnaround Time							
City/State/Zip: <u>Lucasville, OH</u>		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____							
Phone:		<input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day							
Fax:		Filtered Sample (Y/N) _____ Perform MS/MSD (Y/N) _____ <u>VOES</u> <u>SVOS</u> <u>TRU Metals</u> <u>TRP/Sol/Prep</u> <u>PA</u>							
Project Name: <u>QDOT 017</u>									
Site: <u>2-80</u>									
P.O.#:									
For Lab Use Only:		Walk-in Client <input type="checkbox"/> Lab Sampling <input type="checkbox"/> Job / SDG No: <u>500-220919</u>							
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp G=Grab)	Matrix	# of Cont.	Sample Specific Notes.		
6 ROW-208 (5-10)-081522		8/15/22	1245	6	S	5	X	X	X
7 ROW-208 (10-15)-081522			1250				X	X	X
8 ROW-209 (0-5)-081522			1300				X	X	X
9 ROW-209 (5-10)-081522			1305				X	X	X
10 ROW-209 (10-15)-081522			1310				X	X	X
11 ROW-210 (0-5)-081522			1330				X	X	X
12 ROW-210 (5-10)-081522			1335				X	X	X
13 ROW-210 (10-15)-081522			1340				X	X	X
14 ROW-210 (10-15)-081522D			1340				X	X	X
15 ROW-211 (0-5)-081522			1400				X	X	X
16 ROW-211 (0-5)-081522D			1400				X	X	X
17 ROW-211 (5-10)-081522			1405				X	X	X
Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other									
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)				
<input checked="" type="checkbox"/> Non-Hazardous <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown					<input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months				
Special Instructions/QC Requirements & Comments:									
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temp (°C) Obs'd		Corr'd		Therm ID No	
Relinquished by: <u>[Signature]</u>		Company: <u>WV</u>		Date/Time: <u>8/16/22 10:50</u>		Received by: <u>[Signature]</u>		Company: <u>BRWC</u>	
Relinquished by: <u>[Signature]</u>		Company: <u>BRWC</u>		Date/Time: <u>8/16/22</u>		Received by: <u>[Signature]</u>		Company: <u>ETA</u>	
Relinquished by: <u>[Signature]</u>		Company: <u>ETA/16</u>		Date/Time: <u>11:50</u>		Received by: <u>[Signature]</u>		Company: <u>ETA</u>	



Chain of Custody Record

538737



Environment Testing  
TestAmerica

TAL-8210

Address \_\_\_\_\_

Regulatory Program:  DW  NPDES  RCRA  Other

<b>Client Contact</b>		<b>Project Manager:</b> A. Slusers		<b>Site Contact:</b> C. Pone		<b>Date</b>		<b>COC No</b>	
Company Name <u>Wester Solutions</u>		Tel/Email		Lab Contact <u>R. Brown</u>		Carrier		9 of 4 COCs	
Address <u>333 Knightbridge Parkway</u>		Analysis Turnaround Time		Filtered Sample (Y/N) Perform MS/MSD (Y/N) VOCs SVOCs Total Metals TCEP/BBP/MTLs PCBs				Sampler	
City/State/Zip <u>Cherishore, MD</u>		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____						For Lab Use Only	
Phone		<input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day						Walk-in Client <input type="checkbox"/> Lab Sampling <input type="checkbox"/>	
Fax								Job / SDG No	
Project Name <u>2001 OVI</u>								500-220919	
Site <u>2-80</u>									
P O #									

18

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	VOCs	SVOCs	Total Metals	TCEP/BBP/MTLs	PCBs	Sample Specific Notes
<u>ROW-20 (10-15)-581572</u>	<u>8/15/22</u>	<u>1410</u>	<u>G</u>	<u>S</u>	<u>5</u>			<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	



Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other

Possible Hazard Identification. Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

Non Hazard  Flammable  Skin Irritant  Poison B  Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return to Client  Disposal by Lab  Archive for \_\_\_\_\_ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temp (°C) Obs'd _____ Corr'd _____		Therm ID No _____	
Relinquished by <u>[Signature]</u>	Company <u>WS</u>	Date/Time <u>8/16/22 0850</u>	Received by <u>[Signature]</u>	Company <u>ERTIC</u>	Date/Time <u>8/16/22 8:50</u>		
Relinquished by <u>[Signature]</u>	Company <u>BBN2</u>	Date/Time <u>8/16/22</u>	Received by <u>[Signature]</u>	Company <u>ETA</u>	Date/Time <u>8/16/22</u>		
Relinquished by <u>[Signature]</u>	Company <u>ETA S/L</u>	Date/Time <u>1150</u>	Received in Laboratory by <u>[Signature]</u>	Company <u>ERTIC</u>	Date/Time <u>8/16/22 1150</u>		

## ANALYTICAL REPORT

Eurofins Chicago  
2417 Bond Street  
University Park, IL 60484  
Tel: (708)534-5200

Laboratory Job ID: 500-220917-1  
Client Project/Site: IDOT - I-80 - WO 019

**For:**

Weston Solutions, Inc.  
300 Knightsbridge Parkway  
Suite 360  
Lincolnshire, Illinois 60069

Attn: Mr. Andris Slesers



Authorized for release by:  
8/31/2022 11:02:22 AM

Richard Wright, Senior Project Manager  
(708)746-0045

[Richard.Wright@et.eurofinsus.com](mailto:Richard.Wright@et.eurofinsus.com)

### LINKS

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results through



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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220917-1

**Client Sample ID: ROW-205(0-5)-081522**

**Lab Sample ID: 500-220917-14**

**Date Collected: 08/15/22 10:40**

**Matrix: Solid**

**Date Received: 08/16/22 11:50**

**Percent Solids: 80.9**

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018		0.018	0.0080	mg/Kg	☼	08/16/22 18:04	08/21/22 17:52	1
Benzene	<0.0018		0.0018	0.00047	mg/Kg	☼	08/16/22 18:04	08/21/22 17:52	1
Bromodichloromethane	<0.0018		0.0018	0.00037	mg/Kg	☼	08/16/22 18:04	08/21/22 17:52	1
Bromoform	<0.0018		0.0018	0.00054	mg/Kg	☼	08/16/22 18:04	08/21/22 17:52	1
Bromomethane	<0.0046		0.0046	0.0017	mg/Kg	☼	08/16/22 18:04	08/21/22 17:52	1
Carbon disulfide	<0.0046		0.0046	0.00095	mg/Kg	☼	08/16/22 18:04	08/21/22 17:52	1
Carbon tetrachloride	<0.0018		0.0018	0.00053	mg/Kg	☼	08/16/22 18:04	08/21/22 17:52	1
Chlorobenzene	<0.0018		0.0018	0.00068	mg/Kg	☼	08/16/22 18:04	08/21/22 17:52	1
Chloroethane	<0.0046		0.0046	0.0014	mg/Kg	☼	08/16/22 18:04	08/21/22 17:52	1
Chloroform	<0.0018		0.0018	0.00064	mg/Kg	☼	08/16/22 18:04	08/21/22 17:52	1
Chloromethane	<0.0046		0.0046	0.0018	mg/Kg	☼	08/16/22 18:04	08/21/22 17:52	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00051	mg/Kg	☼	08/16/22 18:04	08/21/22 17:52	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00055	mg/Kg	☼	08/16/22 18:04	08/21/22 17:52	1
Dibromochloromethane	<0.0018		0.0018	0.00060	mg/Kg	☼	08/16/22 18:04	08/21/22 17:52	1
1,1-Dichloroethane	<0.0018		0.0018	0.00063	mg/Kg	☼	08/16/22 18:04	08/21/22 17:52	1
1,2-Dichloroethane	<0.0046		0.0046	0.0014	mg/Kg	☼	08/16/22 18:04	08/21/22 17:52	1
1,1-Dichloroethene	<0.0018		0.0018	0.00063	mg/Kg	☼	08/16/22 18:04	08/21/22 17:52	1
1,2-Dichloropropane	<0.0018		0.0018	0.00047	mg/Kg	☼	08/16/22 18:04	08/21/22 17:52	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00064	mg/Kg	☼	08/16/22 18:04	08/21/22 17:52	1
Ethylbenzene	<0.0018		0.0018	0.00088	mg/Kg	☼	08/16/22 18:04	08/21/22 17:52	1
2-Hexanone	<0.0046		0.0046	0.0014	mg/Kg	☼	08/16/22 18:04	08/21/22 17:52	1
Methylene Chloride	<0.0046		0.0046	0.0018	mg/Kg	☼	08/16/22 18:04	08/21/22 17:52	1
Methyl Ethyl Ketone	<0.0046		0.0046	0.0020	mg/Kg	☼	08/16/22 18:04	08/21/22 17:52	1
methyl isobutyl ketone	<0.0046		0.0046	0.0014	mg/Kg	☼	08/16/22 18:04	08/21/22 17:52	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00054	mg/Kg	☼	08/16/22 18:04	08/21/22 17:52	1
Styrene	<0.0018		0.0018	0.00055	mg/Kg	☼	08/16/22 18:04	08/21/22 17:52	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00059	mg/Kg	☼	08/16/22 18:04	08/21/22 17:52	1
Tetrachloroethene	<0.0018		0.0018	0.00062	mg/Kg	☼	08/16/22 18:04	08/21/22 17:52	1
Toluene	<0.0018		0.0018	0.00046	mg/Kg	☼	08/16/22 18:04	08/21/22 17:52	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00081	mg/Kg	☼	08/16/22 18:04	08/21/22 17:52	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00064	mg/Kg	☼	08/16/22 18:04	08/21/22 17:52	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00061	mg/Kg	☼	08/16/22 18:04	08/21/22 17:52	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00079	mg/Kg	☼	08/16/22 18:04	08/21/22 17:52	1
Trichloroethene	<0.0018		0.0018	0.00062	mg/Kg	☼	08/16/22 18:04	08/21/22 17:52	1
Vinyl chloride	<0.0018		0.0018	0.00081	mg/Kg	☼	08/16/22 18:04	08/21/22 17:52	1
Xylenes, Total	<0.0037		0.0037	0.00059	mg/Kg	☼	08/16/22 18:04	08/21/22 17:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		75 - 131	08/16/22 18:04	08/21/22 17:52	1
Dibromofluoromethane (Surr)	108		75 - 126	08/16/22 18:04	08/21/22 17:52	1
1,2-Dichloroethane-d4 (Surr)	114		70 - 134	08/16/22 18:04	08/21/22 17:52	1
Toluene-d8 (Surr)	97		75 - 124	08/16/22 18:04	08/21/22 17:52	1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.042	mg/Kg	☼	08/26/22 07:54	08/30/22 19:12	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	08/26/22 07:54	08/30/22 19:12	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	08/26/22 07:54	08/30/22 19:12	1
1,4-Dichlorobenzene	<0.20		0.20	0.050	mg/Kg	☼	08/26/22 07:54	08/30/22 19:12	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.045	mg/Kg	☼	08/26/22 07:54	08/30/22 19:12	1

Eurofins Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220917-1

**Client Sample ID: ROW-205(0-5)-081522**

**Lab Sample ID: 500-220917-14**

**Date Collected: 08/15/22 10:40**

**Matrix: Solid**

**Date Received: 08/16/22 11:50**

**Percent Solids: 80.9**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.089	mg/Kg	✳	08/26/22 07:54	08/30/22 19:12	1
2,4,6-Trichlorophenol	<0.39		0.39	0.13	mg/Kg	✳	08/26/22 07:54	08/30/22 19:12	1
2,4-Dichlorophenol	<0.39		0.39	0.093	mg/Kg	✳	08/26/22 07:54	08/30/22 19:12	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	✳	08/26/22 07:54	08/30/22 19:12	1
2,4-Dinitrophenol	<0.79		0.79	0.69	mg/Kg	✳	08/26/22 07:54	08/30/22 19:12	1
2,4-Dinitrotoluene	<0.20		0.20	0.062	mg/Kg	✳	08/26/22 07:54	08/30/22 19:12	1
2,6-Dinitrotoluene	<0.20		0.20	0.077	mg/Kg	✳	08/26/22 07:54	08/30/22 19:12	1
2-Chloronaphthalene	<0.20		0.20	0.043	mg/Kg	✳	08/26/22 07:54	08/30/22 19:12	1
2-Chlorophenol	<0.20	*+	0.20	0.067	mg/Kg	✳	08/26/22 07:54	08/30/22 19:12	1
2-Methylnaphthalene	<0.079		0.079	0.0072	mg/Kg	✳	08/26/22 07:54	08/30/22 19:12	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	✳	08/26/22 07:54	08/30/22 19:12	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	✳	08/26/22 07:54	08/30/22 19:12	1
2-Nitrophenol	<0.39		0.39	0.092	mg/Kg	✳	08/26/22 07:54	08/30/22 19:12	1
3 & 4 Methylphenol	<0.20		0.20	0.065	mg/Kg	✳	08/26/22 07:54	08/30/22 19:12	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	✳	08/26/22 07:54	08/30/22 19:12	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	✳	08/26/22 07:54	08/30/22 19:12	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.31	mg/Kg	✳	08/26/22 07:54	08/30/22 19:12	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	✳	08/26/22 07:54	08/30/22 19:12	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	✳	08/26/22 07:54	08/30/22 19:12	1
4-Chloroaniline	<0.79		0.79	0.18	mg/Kg	✳	08/26/22 07:54	08/30/22 19:12	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	✳	08/26/22 07:54	08/30/22 19:12	1
4-Nitroaniline	<0.39		0.39	0.16	mg/Kg	✳	08/26/22 07:54	08/30/22 19:12	1
4-Nitrophenol	<0.79		0.79	0.37	mg/Kg	✳	08/26/22 07:54	08/30/22 19:12	1
Acenaphthene	<0.039		0.039	0.0070	mg/Kg	✳	08/26/22 07:54	08/30/22 19:12	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	✳	08/26/22 07:54	08/30/22 19:12	1
Anthracene	<0.039		0.039	0.0065	mg/Kg	✳	08/26/22 07:54	08/30/22 19:12	1
<b>Benzo[a]anthracene</b>	<b>0.0060</b>	<b>J</b>	0.039	0.0053	mg/Kg	✳	08/26/22 07:54	08/30/22 19:12	1
Benzo[a]pyrene	<0.039		0.039	0.0076	mg/Kg	✳	08/26/22 07:54	08/30/22 19:12	1
Benzo[b]fluoranthene	<0.039		0.039	0.0084	mg/Kg	✳	08/26/22 07:54	08/30/22 19:12	1
Benzo[g,h,i]perylene	<0.039		0.039	0.013	mg/Kg	✳	08/26/22 07:54	08/30/22 19:12	1
Benzo[k]fluoranthene	<0.039		0.039	0.012	mg/Kg	✳	08/26/22 07:54	08/30/22 19:12	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	✳	08/26/22 07:54	08/30/22 19:12	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	✳	08/26/22 07:54	08/30/22 19:12	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.071	mg/Kg	✳	08/26/22 07:54	08/30/22 19:12	1
Butyl benzyl phthalate	<0.20		0.20	0.074	mg/Kg	✳	08/26/22 07:54	08/30/22 19:12	1
Carbazole	<0.20		0.20	0.098	mg/Kg	✳	08/26/22 07:54	08/30/22 19:12	1
Chrysene	<0.039		0.039	0.011	mg/Kg	✳	08/26/22 07:54	08/30/22 19:12	1
Dibenz(a,h)anthracene	<0.039		0.039	0.0076	mg/Kg	✳	08/26/22 07:54	08/30/22 19:12	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	✳	08/26/22 07:54	08/30/22 19:12	1
Diethyl phthalate	<0.20		0.20	0.066	mg/Kg	✳	08/26/22 07:54	08/30/22 19:12	1
Dimethyl phthalate	<0.20		0.20	0.051	mg/Kg	✳	08/26/22 07:54	08/30/22 19:12	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	✳	08/26/22 07:54	08/30/22 19:12	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	✳	08/26/22 07:54	08/30/22 19:12	1
<b>Fluoranthene</b>	<b>0.013</b>	<b>J</b>	0.039	0.0072	mg/Kg	✳	08/26/22 07:54	08/30/22 19:12	1
Fluorene	<0.039		0.039	0.0055	mg/Kg	✳	08/26/22 07:54	08/30/22 19:12	1
Hexachlorobenzene	<0.079		0.079	0.0091	mg/Kg	✳	08/26/22 07:54	08/30/22 19:12	1
Hexachlorobutadiene	<0.20		0.20	0.061	mg/Kg	✳	08/26/22 07:54	08/30/22 19:12	1
Hexachlorocyclopentadiene	<0.79		0.79	0.22	mg/Kg	✳	08/26/22 07:54	08/30/22 19:12	1
Hexachloroethane	<0.20		0.20	0.059	mg/Kg	✳	08/26/22 07:54	08/30/22 19:12	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220917-1

**Client Sample ID: ROW-205(0-5)-081522**

**Lab Sample ID: 500-220917-14**

**Date Collected: 08/15/22 10:40**

**Matrix: Solid**

**Date Received: 08/16/22 11:50**

**Percent Solids: 80.9**

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.039		0.039	0.010	mg/Kg	☼	08/26/22 07:54	08/30/22 19:12	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	08/26/22 07:54	08/30/22 19:12	1
Naphthalene	<0.039		0.039	0.0060	mg/Kg	☼	08/26/22 07:54	08/30/22 19:12	1
Nitrobenzene	<0.039		0.039	0.0098	mg/Kg	☼	08/26/22 07:54	08/30/22 19:12	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.048	mg/Kg	☼	08/26/22 07:54	08/30/22 19:12	1
N-Nitrosodiphenylamine	<0.20		0.20	0.046	mg/Kg	☼	08/26/22 07:54	08/30/22 19:12	1
Pentachlorophenol	<0.79		0.79	0.63	mg/Kg	☼	08/26/22 07:54	08/30/22 19:12	1
<b>Phenanthrene</b>	<b>0.0085</b>	<b>J</b>	0.039	0.0054	mg/Kg	☼	08/26/22 07:54	08/30/22 19:12	1
Phenol	<0.20	*+	0.20	0.087	mg/Kg	☼	08/26/22 07:54	08/30/22 19:12	1
<b>Pyrene</b>	<b>0.0090</b>	<b>J</b>	0.039	0.0078	mg/Kg	☼	08/26/22 07:54	08/30/22 19:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	81		31 - 143				08/26/22 07:54	08/30/22 19:12	1
2-Fluorobiphenyl (Surr)	60		43 - 145				08/26/22 07:54	08/30/22 19:12	1
2-Fluorophenol (Surr)	105		31 - 166				08/26/22 07:54	08/30/22 19:12	1
Nitrobenzene-d5 (Surr)	48		37 - 147				08/26/22 07:54	08/30/22 19:12	1
Phenol-d5 (Surr)	98		30 - 153				08/26/22 07:54	08/30/22 19:12	1
Terphenyl-d14 (Surr)	110		42 - 157				08/26/22 07:54	08/30/22 19:12	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		08/19/22 16:54	08/22/22 13:24	1
<b>Barium</b>	<b>0.32</b>	<b>J</b>	0.50	0.050	mg/L		08/19/22 16:54	08/22/22 13:24	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		08/19/22 16:54	08/22/22 13:24	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		08/19/22 16:54	08/22/22 13:24	1
Chromium	<0.025		0.025	0.010	mg/L		08/19/22 16:54	08/22/22 13:24	1
<b>Cobalt</b>	<b>0.018</b>	<b>J</b>	0.025	0.010	mg/L		08/19/22 16:54	08/22/22 13:24	1
Copper	<0.025		0.025	0.010	mg/L		08/19/22 16:54	08/22/22 13:24	1
Iron	<0.40		0.40	0.20	mg/L		08/19/22 16:54	08/22/22 13:24	1
Lead	<0.0075		0.0075	0.0075	mg/L		08/19/22 16:54	08/22/22 13:24	1
<b>Manganese</b>	<b>1.4</b>		0.025	0.010	mg/L		08/19/22 16:54	08/22/22 13:24	1
<b>Nickel</b>	<b>0.039</b>		0.025	0.010	mg/L		08/19/22 16:54	08/22/22 13:24	1
Selenium	<0.050		0.050	0.020	mg/L		08/19/22 16:54	08/22/22 13:24	1
Silver	<0.025		0.025	0.010	mg/L		08/19/22 16:54	08/22/22 13:24	1
<b>Zinc</b>	<b>0.095</b>	<b>J</b>	0.50	0.020	mg/L		08/19/22 16:54	08/22/22 13:24	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.080</b>		0.050	0.010	mg/L		08/19/22 16:56	08/22/22 14:58	1
<b>Barium</b>	<b>0.69</b>		0.50	0.050	mg/L		08/19/22 16:56	08/22/22 14:58	1
<b>Beryllium</b>	<b>0.0075</b>		0.0040	0.0040	mg/L		08/19/22 16:56	08/22/22 14:58	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		08/19/22 16:56	08/22/22 14:58	1
<b>Chromium</b>	<b>0.14</b>		0.025	0.010	mg/L		08/19/22 16:56	08/22/22 14:58	1
<b>Cobalt</b>	<b>0.060</b>		0.025	0.010	mg/L		08/19/22 16:56	08/22/22 14:58	1
<b>Copper</b>	<b>0.17</b>		0.025	0.010	mg/L		08/19/22 16:56	08/22/22 14:58	1
<b>Iron</b>	<b>180</b>		0.40	0.20	mg/L		08/19/22 16:56	08/22/22 14:58	1
<b>Lead</b>	<b>0.10</b>		0.0075	0.0075	mg/L		08/19/22 16:56	08/22/22 14:58	1
<b>Manganese</b>	<b>1.9</b>		0.025	0.010	mg/L		08/19/22 16:56	08/22/22 14:58	1
<b>Nickel</b>	<b>0.16</b>		0.025	0.010	mg/L		08/19/22 16:56	08/22/22 14:58	1
Selenium	<0.050		0.050	0.020	mg/L		08/19/22 16:56	08/22/22 14:58	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220917-1

**Client Sample ID: ROW-205(0-5)-081522**

**Lab Sample ID: 500-220917-14**

Date Collected: 08/15/22 10:40

Matrix: Solid

Date Received: 08/16/22 11:50

Percent Solids: 80.9

### Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		08/19/22 16:56	08/22/22 14:58	1
Zinc	0.46	J	0.50	0.020	mg/L		08/19/22 16:56	08/22/22 14:58	1

### Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	12000		12	4.8	mg/Kg	☆	08/19/22 08:46	08/22/22 20:00	1
Antimony	0.30	J	1.2	0.23	mg/Kg	☆	08/19/22 08:46	08/22/22 20:00	1
Arsenic	6.6		0.58	0.20	mg/Kg	☆	08/19/22 08:46	08/22/22 20:00	1
Barium	100		0.58	0.067	mg/Kg	☆	08/19/22 08:46	08/22/22 20:00	1
Beryllium	0.76		0.23	0.055	mg/Kg	☆	08/19/22 08:46	08/22/22 20:00	1
Cadmium	0.064	J B	0.12	0.021	mg/Kg	☆	08/19/22 08:46	08/22/22 20:00	1
Calcium	14000	B	12	2.0	mg/Kg	☆	08/19/22 08:46	08/22/22 20:00	1
Chromium	15		0.58	0.29	mg/Kg	☆	08/19/22 08:46	08/22/22 20:00	1
Cobalt	10		0.29	0.076	mg/Kg	☆	08/19/22 08:46	08/22/22 20:00	1
Copper	15		0.58	0.16	mg/Kg	☆	08/19/22 08:46	08/22/22 20:00	1
Iron	17000	B	12	6.1	mg/Kg	☆	08/19/22 08:46	08/22/22 20:00	1
Lead	18		0.29	0.13	mg/Kg	☆	08/19/22 08:46	08/22/22 20:00	1
Magnesium	7900	B	5.8	2.9	mg/Kg	☆	08/19/22 08:46	08/22/22 20:00	1
Manganese	440		0.58	0.085	mg/Kg	☆	08/19/22 08:46	08/22/22 20:00	1
Nickel	19		0.58	0.17	mg/Kg	☆	08/19/22 08:46	08/22/22 20:00	1
Potassium	1600		29	10	mg/Kg	☆	08/19/22 08:46	08/22/22 20:00	1
Selenium	<0.58		0.58	0.34	mg/Kg	☆	08/19/22 08:46	08/22/22 20:00	1
Silver	0.34		0.29	0.075	mg/Kg	☆	08/19/22 08:46	08/22/22 20:00	1
Sodium	1500		58	8.6	mg/Kg	☆	08/19/22 08:46	08/22/22 20:00	1
Thallium	<0.58		0.58	0.29	mg/Kg	☆	08/19/22 08:46	08/22/22 20:00	1
Vanadium	27		0.29	0.069	mg/Kg	☆	08/19/22 08:46	08/22/22 20:00	1
Zinc	62		1.2	0.51	mg/Kg	☆	08/19/22 08:46	08/22/22 20:00	1

### Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0024		0.00020	0.00020	mg/L		08/19/22 14:40	08/22/22 10:13	1

### Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		08/19/22 14:40	08/22/22 11:39	1

### Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.053		0.019	0.0063	mg/Kg	☆	08/19/22 14:00	08/22/22 08:19	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.9		0.2	0.2	SU			08/19/22 18:29	1



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220917-1

**Client Sample ID: ROW-205(5-10)-081522**

**Lab Sample ID: 500-220917-15**

**Date Collected: 08/15/22 10:45**

**Matrix: Solid**

**Date Received: 08/16/22 11:50**

**Percent Solids: 80.5**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>0.014</b>	<b>J</b>	0.019	0.0083	mg/Kg	☼	08/16/22 18:04	08/21/22 18:18	1
Benzene	<0.0019		0.0019	0.00049	mg/Kg	☼	08/16/22 18:04	08/21/22 18:18	1
Bromodichloromethane	<0.0019		0.0019	0.00039	mg/Kg	☼	08/16/22 18:04	08/21/22 18:18	1
Bromoform	<0.0019		0.0019	0.00056	mg/Kg	☼	08/16/22 18:04	08/21/22 18:18	1
Bromomethane	<0.0048		0.0048	0.0018	mg/Kg	☼	08/16/22 18:04	08/21/22 18:18	1
Carbon disulfide	<0.0048		0.0048	0.00099	mg/Kg	☼	08/16/22 18:04	08/21/22 18:18	1
Carbon tetrachloride	<0.0019		0.0019	0.00055	mg/Kg	☼	08/16/22 18:04	08/21/22 18:18	1
Chlorobenzene	<0.0019		0.0019	0.00071	mg/Kg	☼	08/16/22 18:04	08/21/22 18:18	1
Chloroethane	<0.0048		0.0048	0.0014	mg/Kg	☼	08/16/22 18:04	08/21/22 18:18	1
Chloroform	<0.0019		0.0019	0.00066	mg/Kg	☼	08/16/22 18:04	08/21/22 18:18	1
Chloromethane	<0.0048		0.0048	0.0019	mg/Kg	☼	08/16/22 18:04	08/21/22 18:18	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00053	mg/Kg	☼	08/16/22 18:04	08/21/22 18:18	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00058	mg/Kg	☼	08/16/22 18:04	08/21/22 18:18	1
Dibromochloromethane	<0.0019		0.0019	0.00063	mg/Kg	☼	08/16/22 18:04	08/21/22 18:18	1
1,1-Dichloroethane	<0.0019		0.0019	0.00066	mg/Kg	☼	08/16/22 18:04	08/21/22 18:18	1
1,2-Dichloroethane	<0.0048		0.0048	0.0015	mg/Kg	☼	08/16/22 18:04	08/21/22 18:18	1
1,1-Dichloroethene	<0.0019		0.0019	0.00066	mg/Kg	☼	08/16/22 18:04	08/21/22 18:18	1
1,2-Dichloropropane	<0.0019		0.0019	0.00049	mg/Kg	☼	08/16/22 18:04	08/21/22 18:18	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00067	mg/Kg	☼	08/16/22 18:04	08/21/22 18:18	1
Ethylbenzene	<0.0019		0.0019	0.00092	mg/Kg	☼	08/16/22 18:04	08/21/22 18:18	1
2-Hexanone	<0.0048		0.0048	0.0015	mg/Kg	☼	08/16/22 18:04	08/21/22 18:18	1
Methylene Chloride	<0.0048		0.0048	0.0019	mg/Kg	☼	08/16/22 18:04	08/21/22 18:18	1
Methyl Ethyl Ketone	<0.0048		0.0048	0.0021	mg/Kg	☼	08/16/22 18:04	08/21/22 18:18	1
methyl isobutyl ketone	<0.0048		0.0048	0.0014	mg/Kg	☼	08/16/22 18:04	08/21/22 18:18	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00056	mg/Kg	☼	08/16/22 18:04	08/21/22 18:18	1
Styrene	<0.0019		0.0019	0.00058	mg/Kg	☼	08/16/22 18:04	08/21/22 18:18	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00061	mg/Kg	☼	08/16/22 18:04	08/21/22 18:18	1
Tetrachloroethene	<0.0019		0.0019	0.00065	mg/Kg	☼	08/16/22 18:04	08/21/22 18:18	1
Toluene	<0.0019		0.0019	0.00048	mg/Kg	☼	08/16/22 18:04	08/21/22 18:18	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00085	mg/Kg	☼	08/16/22 18:04	08/21/22 18:18	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00067	mg/Kg	☼	08/16/22 18:04	08/21/22 18:18	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00064	mg/Kg	☼	08/16/22 18:04	08/21/22 18:18	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00082	mg/Kg	☼	08/16/22 18:04	08/21/22 18:18	1
Trichloroethene	<0.0019		0.0019	0.00065	mg/Kg	☼	08/16/22 18:04	08/21/22 18:18	1
Vinyl chloride	<0.0019		0.0019	0.00085	mg/Kg	☼	08/16/22 18:04	08/21/22 18:18	1
Xylenes, Total	<0.0038		0.0038	0.00061	mg/Kg	☼	08/16/22 18:04	08/21/22 18:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		75 - 131	08/16/22 18:04	08/21/22 18:18	1
Dibromofluoromethane (Surr)	112		75 - 126	08/16/22 18:04	08/21/22 18:18	1
1,2-Dichloroethane-d4 (Surr)	114		70 - 134	08/16/22 18:04	08/21/22 18:18	1
Toluene-d8 (Surr)	91		75 - 124	08/16/22 18:04	08/21/22 18:18	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.21		0.21	0.044	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
1,2-Dichlorobenzene	<0.21		0.21	0.049	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
1,3-Dichlorobenzene	<0.21		0.21	0.046	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
1,4-Dichlorobenzene	<0.21		0.21	0.052	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
2,2'-oxybis[1-chloropropane]	<0.21		0.21	0.047	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220917-1

**Client Sample ID: ROW-205(5-10)-081522**

**Lab Sample ID: 500-220917-15**

**Date Collected: 08/15/22 10:45**

**Matrix: Solid**

**Date Received: 08/16/22 11:50**

**Percent Solids: 80.5**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.41		0.41	0.093	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
2,4,6-Trichlorophenol	<0.41		0.41	0.14	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
2,4-Dichlorophenol	<0.41		0.41	0.097	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
2,4-Dimethylphenol	<0.41		0.41	0.16	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
2,4-Dinitrophenol	<0.82		0.82	0.72	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
2,4-Dinitrotoluene	<0.21		0.21	0.065	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
2,6-Dinitrotoluene	<0.21		0.21	0.080	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
2-Chloronaphthalene	<0.21		0.21	0.045	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
2-Chlorophenol	<0.21	*+	0.21	0.070	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
2-Methylnaphthalene	<0.082		0.082	0.0075	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
2-Methylphenol	<0.21		0.21	0.066	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
2-Nitroaniline	<0.21		0.21	0.055	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
2-Nitrophenol	<0.41		0.41	0.097	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
3 & 4 Methylphenol	<0.21		0.21	0.068	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
3,3'-Dichlorobenzidine	<0.21		0.21	0.057	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
3-Nitroaniline	<0.41		0.41	0.13	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
4,6-Dinitro-2-methylphenol	<0.82		0.82	0.33	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
4-Bromophenyl phenyl ether	<0.21		0.21	0.054	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
4-Chloro-3-methylphenol	<0.41		0.41	0.14	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
4-Chloroaniline	<0.82		0.82	0.19	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
4-Chlorophenyl phenyl ether	<0.21		0.21	0.048	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
4-Nitroaniline	<0.41		0.41	0.17	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
4-Nitrophenol	<0.82		0.82	0.39	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
Acenaphthene	<0.041		0.041	0.0073	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
Acenaphthylene	<0.041		0.041	0.0054	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
Anthracene	<0.041		0.041	0.0068	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
Benzo[a]anthracene	<0.041		0.041	0.0055	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
Benzo[a]pyrene	<0.041		0.041	0.0079	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
<b>Benzo[b]fluoranthene</b>	<b>0.011</b>	<b>J</b>	0.041	0.0088	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
Benzo[g,h,i]perylene	<0.041		0.041	0.013	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
Benzo[k]fluoranthene	<0.041		0.041	0.012	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
Bis(2-chloroethoxy)methane	<0.21		0.21	0.042	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
Bis(2-chloroethyl)ether	<0.21		0.21	0.061	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
Bis(2-ethylhexyl) phthalate	<0.21		0.21	0.075	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
Butyl benzyl phthalate	<0.21		0.21	0.078	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
Carbazole	<0.21		0.21	0.10	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
Chrysene	<0.041		0.041	0.011	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
Dibenz(a,h)anthracene	<0.041		0.041	0.0079	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
Dibenzofuran	<0.21		0.21	0.048	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
Diethyl phthalate	<0.21		0.21	0.069	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
Dimethyl phthalate	<0.21		0.21	0.053	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
Di-n-butyl phthalate	<0.21		0.21	0.062	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
Di-n-octyl phthalate	<0.21		0.21	0.067	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
Fluoranthene	<0.041		0.041	0.0076	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
Fluorene	<0.041		0.041	0.0057	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
Hexachlorobenzene	<0.082		0.082	0.0095	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
Hexachlorobutadiene	<0.21		0.21	0.064	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
Hexachlorocyclopentadiene	<0.82		0.82	0.24	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
Hexachloroethane	<0.21		0.21	0.062	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220917-1

**Client Sample ID: ROW-205(5-10)-081522**

**Lab Sample ID: 500-220917-15**

**Date Collected: 08/15/22 10:45**

**Matrix: Solid**

**Date Received: 08/16/22 11:50**

**Percent Solids: 80.5**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.041		0.041	0.011	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
Isophorone	<0.21		0.21	0.046	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
Naphthalene	<0.041		0.041	0.0063	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
Nitrobenzene	<0.041		0.041	0.010	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
N-Nitrosodi-n-propylamine	<0.082		0.082	0.050	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
N-Nitrosodiphenylamine	<0.21		0.21	0.048	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
Pentachlorophenol	<0.82		0.82	0.66	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
Phenanthrene	<0.041		0.041	0.0057	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
Phenol	<0.21	*+	0.21	0.091	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1
Pyrene	<0.041		0.041	0.0081	mg/Kg	☼	08/26/22 07:54	08/30/22 19:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	80		31 - 143	08/26/22 07:54	08/30/22 19:36	1
2-Fluorobiphenyl (Surr)	66		43 - 145	08/26/22 07:54	08/30/22 19:36	1
2-Fluorophenol (Surr)	101		31 - 166	08/26/22 07:54	08/30/22 19:36	1
Nitrobenzene-d5 (Surr)	50		37 - 147	08/26/22 07:54	08/30/22 19:36	1
Phenol-d5 (Surr)	79		30 - 153	08/26/22 07:54	08/30/22 19:36	1
Terphenyl-d14 (Surr)	120		42 - 157	08/26/22 07:54	08/30/22 19:36	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		08/19/22 16:54	08/22/22 13:28	1
<b>Barium</b>	<b>0.74</b>		0.50	0.050	mg/L		08/19/22 16:54	08/22/22 13:28	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		08/19/22 16:54	08/22/22 13:28	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		08/19/22 16:54	08/22/22 13:28	1
Chromium	<0.025		0.025	0.010	mg/L		08/19/22 16:54	08/22/22 13:28	1
<b>Cobalt</b>	<b>0.028</b>		0.025	0.010	mg/L		08/19/22 16:54	08/22/22 13:28	1
Copper	<0.025		0.025	0.010	mg/L		08/19/22 16:54	08/22/22 13:28	1
Iron	<0.40		0.40	0.20	mg/L		08/19/22 16:54	08/22/22 13:28	1
Lead	<0.0075		0.0075	0.0075	mg/L		08/19/22 16:54	08/22/22 13:28	1
<b>Manganese</b>	<b>6.6</b>		0.025	0.010	mg/L		08/19/22 16:54	08/22/22 13:28	1
<b>Nickel</b>	<b>0.010</b>	J	0.025	0.010	mg/L		08/19/22 16:54	08/22/22 13:28	1
Selenium	<0.050		0.050	0.020	mg/L		08/19/22 16:54	08/22/22 13:28	1
Silver	<0.025		0.025	0.010	mg/L		08/19/22 16:54	08/22/22 13:28	1
<b>Zinc</b>	<b>0.034</b>	J	0.50	0.020	mg/L		08/19/22 16:54	08/22/22 13:28	1

**Method: 6010B - Metals (ICP) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.081</b>		0.050	0.010	mg/L		08/19/22 16:56	08/22/22 15:01	1
<b>Barium</b>	<b>1.1</b>		0.50	0.050	mg/L		08/19/22 16:56	08/22/22 15:01	1
<b>Beryllium</b>	<b>0.011</b>		0.0040	0.0040	mg/L		08/19/22 16:56	08/22/22 15:01	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		08/19/22 16:56	08/22/22 15:01	1
<b>Chromium</b>	<b>0.21</b>		0.025	0.010	mg/L		08/19/22 16:56	08/22/22 15:01	1
<b>Cobalt</b>	<b>0.063</b>		0.025	0.010	mg/L		08/19/22 16:56	08/22/22 15:01	1
<b>Copper</b>	<b>0.22</b>		0.025	0.010	mg/L		08/19/22 16:56	08/22/22 15:01	1
<b>Iron</b>	<b>230</b>		0.40	0.20	mg/L		08/19/22 16:56	08/22/22 15:01	1
<b>Lead</b>	<b>0.069</b>		0.0075	0.0075	mg/L		08/19/22 16:56	08/22/22 15:01	1
<b>Manganese</b>	<b>1.9</b>		0.025	0.010	mg/L		08/19/22 16:56	08/22/22 15:01	1
<b>Nickel</b>	<b>0.22</b>		0.025	0.010	mg/L		08/19/22 16:56	08/22/22 15:01	1
Selenium	<0.050		0.050	0.020	mg/L		08/19/22 16:56	08/22/22 15:01	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220917-1

**Client Sample ID: ROW-205(5-10)-081522**

**Lab Sample ID: 500-220917-15**

Date Collected: 08/15/22 10:45

Matrix: Solid

Date Received: 08/16/22 11:50

Percent Solids: 80.5

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		08/19/22 16:56	08/22/22 15:01	1
<b>Zinc</b>	<b>0.54</b>		0.50	0.020	mg/L		08/19/22 16:56	08/22/22 15:01	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>12000</b>		12	5.1	mg/Kg	☆	08/19/22 08:46	08/22/22 20:03	1
<b>Antimony</b>	<b>0.26</b>	J	1.2	0.24	mg/Kg	☆	08/19/22 08:46	08/22/22 20:03	1
<b>Arsenic</b>	<b>8.4</b>		0.62	0.21	mg/Kg	☆	08/19/22 08:46	08/22/22 20:03	1
<b>Barium</b>	<b>74</b>		0.62	0.071	mg/Kg	☆	08/19/22 08:46	08/22/22 20:03	1
<b>Beryllium</b>	<b>0.82</b>		0.25	0.058	mg/Kg	☆	08/19/22 08:46	08/22/22 20:03	1
Cadmium	<0.12		0.12	0.022	mg/Kg	☆	08/19/22 08:46	08/22/22 20:03	1
<b>Calcium</b>	<b>58000</b>	B	62	11	mg/Kg	☆	08/19/22 08:46	08/23/22 12:46	5
<b>Chromium</b>	<b>18</b>		0.62	0.31	mg/Kg	☆	08/19/22 08:46	08/22/22 20:03	1
<b>Cobalt</b>	<b>14</b>		0.31	0.081	mg/Kg	☆	08/19/22 08:46	08/22/22 20:03	1
<b>Copper</b>	<b>21</b>		0.62	0.17	mg/Kg	☆	08/19/22 08:46	08/22/22 20:03	1
<b>Iron</b>	<b>20000</b>	B	12	6.5	mg/Kg	☆	08/19/22 08:46	08/22/22 20:03	1
<b>Lead</b>	<b>14</b>		0.31	0.14	mg/Kg	☆	08/19/22 08:46	08/22/22 20:03	1
<b>Magnesium</b>	<b>20000</b>	B	6.2	3.1	mg/Kg	☆	08/19/22 08:46	08/22/22 20:03	1
<b>Manganese</b>	<b>500</b>		0.62	0.090	mg/Kg	☆	08/19/22 08:46	08/22/22 20:03	1
<b>Nickel</b>	<b>33</b>		0.62	0.18	mg/Kg	☆	08/19/22 08:46	08/22/22 20:03	1
<b>Potassium</b>	<b>1900</b>		31	11	mg/Kg	☆	08/19/22 08:46	08/22/22 20:03	1
Selenium	<0.62		0.62	0.36	mg/Kg	☆	08/19/22 08:46	08/22/22 20:03	1
<b>Silver</b>	<b>0.35</b>		0.31	0.080	mg/Kg	☆	08/19/22 08:46	08/22/22 20:03	1
<b>Sodium</b>	<b>1200</b>		62	9.2	mg/Kg	☆	08/19/22 08:46	08/22/22 20:03	1
Thallium	<0.62		0.62	0.31	mg/Kg	☆	08/19/22 08:46	08/22/22 20:03	1
<b>Vanadium</b>	<b>26</b>		0.31	0.073	mg/Kg	☆	08/19/22 08:46	08/22/22 20:03	1
<b>Zinc</b>	<b>65</b>		1.2	0.54	mg/Kg	☆	08/19/22 08:46	08/22/22 20:03	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		08/19/22 14:40	08/22/22 10:17	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00050		0.00050	0.00050	mg/L		08/19/22 14:40	08/22/22 11:41	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.057</b>		0.019	0.0062	mg/Kg	☆	08/19/22 14:00	08/22/22 08:21	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.3</b>		0.2	0.2	SU			08/19/22 18:32	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220917-1

**Client Sample ID: ROW-205(10-15)-081522**

**Lab Sample ID: 500-220917-16**

**Date Collected: 08/15/22 10:50**

**Matrix: Solid**

**Date Received: 08/16/22 11:50**

**Percent Solids: 85.3**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018		0.018	0.0077	mg/Kg	☼	08/16/22 18:04	08/23/22 15:00	1
Benzene	<0.0018		0.0018	0.00045	mg/Kg	☼	08/16/22 18:04	08/23/22 15:00	1
Bromodichloromethane	<0.0018		0.0018	0.00036	mg/Kg	☼	08/16/22 18:04	08/23/22 15:00	1
Bromoform	<0.0018	*3	0.0018	0.00051	mg/Kg	☼	08/16/22 18:04	08/23/22 15:00	1
Bromomethane	<0.0044		0.0044	0.0017	mg/Kg	☼	08/16/22 18:04	08/23/22 15:00	1
Carbon disulfide	<0.0044		0.0044	0.00092	mg/Kg	☼	08/16/22 18:04	08/23/22 15:00	1
Carbon tetrachloride	<0.0018		0.0018	0.00051	mg/Kg	☼	08/16/22 18:04	08/23/22 15:00	1
Chlorobenzene	<0.0018	*3	0.0018	0.00065	mg/Kg	☼	08/16/22 18:04	08/23/22 15:00	1
Chloroethane	<0.0044		0.0044	0.0013	mg/Kg	☼	08/16/22 18:04	08/23/22 15:00	1
Chloroform	<0.0018		0.0018	0.00061	mg/Kg	☼	08/16/22 18:04	08/23/22 15:00	1
Chloromethane	<0.0044		0.0044	0.0018	mg/Kg	☼	08/16/22 18:04	08/23/22 15:00	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00049	mg/Kg	☼	08/16/22 18:04	08/23/22 15:00	1
cis-1,3-Dichloropropene	<0.0018	*3	0.0018	0.00053	mg/Kg	☼	08/16/22 18:04	08/23/22 15:00	1
Dibromochloromethane	<0.0018	*3	0.0018	0.00058	mg/Kg	☼	08/16/22 18:04	08/23/22 15:00	1
1,1-Dichloroethane	<0.0018		0.0018	0.00060	mg/Kg	☼	08/16/22 18:04	08/23/22 15:00	1
1,2-Dichloroethane	<0.0044		0.0044	0.0014	mg/Kg	☼	08/16/22 18:04	08/23/22 15:00	1
1,1-Dichloroethene	<0.0018		0.0018	0.00061	mg/Kg	☼	08/16/22 18:04	08/23/22 15:00	1
1,2-Dichloropropane	<0.0018		0.0018	0.00046	mg/Kg	☼	08/16/22 18:04	08/23/22 15:00	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00062	mg/Kg	☼	08/16/22 18:04	08/23/22 15:00	1
Ethylbenzene	<0.0018	*3	0.0018	0.00084	mg/Kg	☼	08/16/22 18:04	08/23/22 15:00	1
2-Hexanone	<0.0044	*3	0.0044	0.0014	mg/Kg	☼	08/16/22 18:04	08/23/22 15:00	1
Methylene Chloride	<0.0044		0.0044	0.0017	mg/Kg	☼	08/16/22 18:04	08/23/22 15:00	1
Methyl Ethyl Ketone	<0.0044		0.0044	0.0020	mg/Kg	☼	08/16/22 18:04	08/23/22 15:00	1
methyl isobutyl ketone	<0.0044	*3	0.0044	0.0013	mg/Kg	☼	08/16/22 18:04	08/23/22 15:00	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00052	mg/Kg	☼	08/16/22 18:04	08/23/22 15:00	1
Styrene	<0.0018	*3 *+	0.0018	0.00053	mg/Kg	☼	08/16/22 18:04	08/23/22 15:00	1
1,1,1,2-Tetrachloroethane	<0.0018		0.0018	0.00056	mg/Kg	☼	08/16/22 18:04	08/23/22 15:00	1
Tetrachloroethene	<0.0018	*3	0.0018	0.00060	mg/Kg	☼	08/16/22 18:04	08/23/22 15:00	1
Toluene	<0.0018	*3	0.0018	0.00045	mg/Kg	☼	08/16/22 18:04	08/23/22 15:00	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00078	mg/Kg	☼	08/16/22 18:04	08/23/22 15:00	1
trans-1,3-Dichloropropene	<0.0018	*3	0.0018	0.00062	mg/Kg	☼	08/16/22 18:04	08/23/22 15:00	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00059	mg/Kg	☼	08/16/22 18:04	08/23/22 15:00	1
1,1,2-Trichloroethane	<0.0018	*3	0.0018	0.00076	mg/Kg	☼	08/16/22 18:04	08/23/22 15:00	1
Trichloroethene	<0.0018		0.0018	0.00060	mg/Kg	☼	08/16/22 18:04	08/23/22 15:00	1
Vinyl chloride	<0.0018		0.0018	0.00078	mg/Kg	☼	08/16/22 18:04	08/23/22 15:00	1
Xylenes, Total	<0.0035	*3	0.0035	0.00056	mg/Kg	☼	08/16/22 18:04	08/23/22 15:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		75 - 131	08/16/22 18:04	08/23/22 15:00	1
Dibromofluoromethane (Surr)	125		75 - 126	08/16/22 18:04	08/23/22 15:00	1
1,2-Dichloroethane-d4 (Surr)	114		70 - 134	08/16/22 18:04	08/23/22 15:00	1
Toluene-d8 (Surr)	109	*3	75 - 124	08/16/22 18:04	08/23/22 15:00	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	☼	08/26/22 07:54	08/30/22 20:00	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	☼	08/26/22 07:54	08/30/22 20:00	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	☼	08/26/22 07:54	08/30/22 20:00	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	☼	08/26/22 07:54	08/30/22 20:00	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.045	mg/Kg	☼	08/26/22 07:54	08/30/22 20:00	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220917-1

**Client Sample ID: ROW-205(10-15)-081522**

**Lab Sample ID: 500-220917-16**

**Date Collected: 08/15/22 10:50**

**Matrix: Solid**

**Date Received: 08/16/22 11:50**

**Percent Solids: 85.3**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.088	mg/Kg	✳	08/26/22 07:54	08/30/22 20:00	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	✳	08/26/22 07:54	08/30/22 20:00	1
2,4-Dichlorophenol	<0.38		0.38	0.091	mg/Kg	✳	08/26/22 07:54	08/30/22 20:00	1
2,4-Dimethylphenol	<0.38		0.38	0.15	mg/Kg	✳	08/26/22 07:54	08/30/22 20:00	1
2,4-Dinitrophenol	<0.78		0.78	0.68	mg/Kg	✳	08/26/22 07:54	08/30/22 20:00	1
2,4-Dinitrotoluene	<0.19		0.19	0.061	mg/Kg	✳	08/26/22 07:54	08/30/22 20:00	1
2,6-Dinitrotoluene	<0.19		0.19	0.076	mg/Kg	✳	08/26/22 07:54	08/30/22 20:00	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	✳	08/26/22 07:54	08/30/22 20:00	1
2-Chlorophenol	<0.19	*+	0.19	0.066	mg/Kg	✳	08/26/22 07:54	08/30/22 20:00	1
2-Methylnaphthalene	<0.078		0.078	0.0071	mg/Kg	✳	08/26/22 07:54	08/30/22 20:00	1
2-Methylphenol	<0.19		0.19	0.062	mg/Kg	✳	08/26/22 07:54	08/30/22 20:00	1
2-Nitroaniline	<0.19		0.19	0.052	mg/Kg	✳	08/26/22 07:54	08/30/22 20:00	1
2-Nitrophenol	<0.38		0.38	0.091	mg/Kg	✳	08/26/22 07:54	08/30/22 20:00	1
3 & 4 Methylphenol	<0.19		0.19	0.064	mg/Kg	✳	08/26/22 07:54	08/30/22 20:00	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.054	mg/Kg	✳	08/26/22 07:54	08/30/22 20:00	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	✳	08/26/22 07:54	08/30/22 20:00	1
4,6-Dinitro-2-methylphenol	<0.78		0.78	0.31	mg/Kg	✳	08/26/22 07:54	08/30/22 20:00	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.051	mg/Kg	✳	08/26/22 07:54	08/30/22 20:00	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	✳	08/26/22 07:54	08/30/22 20:00	1
4-Chloroaniline	<0.78		0.78	0.18	mg/Kg	✳	08/26/22 07:54	08/30/22 20:00	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	✳	08/26/22 07:54	08/30/22 20:00	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	✳	08/26/22 07:54	08/30/22 20:00	1
4-Nitrophenol	<0.78		0.78	0.37	mg/Kg	✳	08/26/22 07:54	08/30/22 20:00	1
Acenaphthene	<0.038		0.038	0.0069	mg/Kg	✳	08/26/22 07:54	08/30/22 20:00	1
Acenaphthylene	<0.038		0.038	0.0051	mg/Kg	✳	08/26/22 07:54	08/30/22 20:00	1
Anthracene	<0.038		0.038	0.0064	mg/Kg	✳	08/26/22 07:54	08/30/22 20:00	1
Benzo[a]anthracene	<0.038		0.038	0.0052	mg/Kg	✳	08/26/22 07:54	08/30/22 20:00	1
Benzo[a]pyrene	<0.038		0.038	0.0074	mg/Kg	✳	08/26/22 07:54	08/30/22 20:00	1
Benzo[b]fluoranthene	<0.038		0.038	0.0083	mg/Kg	✳	08/26/22 07:54	08/30/22 20:00	1
Benzo[g,h,i]perylene	<0.038		0.038	0.012	mg/Kg	✳	08/26/22 07:54	08/30/22 20:00	1
Benzo[k]fluoranthene	<0.038		0.038	0.011	mg/Kg	✳	08/26/22 07:54	08/30/22 20:00	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	✳	08/26/22 07:54	08/30/22 20:00	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.058	mg/Kg	✳	08/26/22 07:54	08/30/22 20:00	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.070	mg/Kg	✳	08/26/22 07:54	08/30/22 20:00	1
Butyl benzyl phthalate	<0.19		0.19	0.073	mg/Kg	✳	08/26/22 07:54	08/30/22 20:00	1
Carbazole	<0.19		0.19	0.096	mg/Kg	✳	08/26/22 07:54	08/30/22 20:00	1
Chrysene	<0.038		0.038	0.010	mg/Kg	✳	08/26/22 07:54	08/30/22 20:00	1
Dibenz(a,h)anthracene	<0.038		0.038	0.0074	mg/Kg	✳	08/26/22 07:54	08/30/22 20:00	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	✳	08/26/22 07:54	08/30/22 20:00	1
Diethyl phthalate	<0.19		0.19	0.065	mg/Kg	✳	08/26/22 07:54	08/30/22 20:00	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	✳	08/26/22 07:54	08/30/22 20:00	1
Di-n-butyl phthalate	<0.19		0.19	0.059	mg/Kg	✳	08/26/22 07:54	08/30/22 20:00	1
Di-n-octyl phthalate	<0.19		0.19	0.063	mg/Kg	✳	08/26/22 07:54	08/30/22 20:00	1
<b>Fluoranthene</b>	<b>0.0078</b>	<b>J</b>	0.038	0.0071	mg/Kg	✳	08/26/22 07:54	08/30/22 20:00	1
Fluorene	<0.038		0.038	0.0054	mg/Kg	✳	08/26/22 07:54	08/30/22 20:00	1
Hexachlorobenzene	<0.078		0.078	0.0089	mg/Kg	✳	08/26/22 07:54	08/30/22 20:00	1
Hexachlorobutadiene	<0.19		0.19	0.060	mg/Kg	✳	08/26/22 07:54	08/30/22 20:00	1
Hexachlorocyclopentadiene	<0.78		0.78	0.22	mg/Kg	✳	08/26/22 07:54	08/30/22 20:00	1
Hexachloroethane	<0.19		0.19	0.058	mg/Kg	✳	08/26/22 07:54	08/30/22 20:00	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220917-1

**Client Sample ID: ROW-205(10-15)-081522**

**Lab Sample ID: 500-220917-16**

**Date Collected: 08/15/22 10:50**

**Matrix: Solid**

**Date Received: 08/16/22 11:50**

**Percent Solids: 85.3**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.038		0.038	0.010	mg/Kg	☼	08/26/22 07:54	08/30/22 20:00	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	08/26/22 07:54	08/30/22 20:00	1
Naphthalene	<0.038		0.038	0.0059	mg/Kg	☼	08/26/22 07:54	08/30/22 20:00	1
Nitrobenzene	<0.038		0.038	0.0096	mg/Kg	☼	08/26/22 07:54	08/30/22 20:00	1
N-Nitrosodi-n-propylamine	<0.078		0.078	0.047	mg/Kg	☼	08/26/22 07:54	08/30/22 20:00	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	☼	08/26/22 07:54	08/30/22 20:00	1
Pentachlorophenol	<0.78		0.78	0.62	mg/Kg	☼	08/26/22 07:54	08/30/22 20:00	1
Phenanthrene	<0.038		0.038	0.0054	mg/Kg	☼	08/26/22 07:54	08/30/22 20:00	1
Phenol	<0.19	*+	0.19	0.085	mg/Kg	☼	08/26/22 07:54	08/30/22 20:00	1
Pyrene	<0.038		0.038	0.0076	mg/Kg	☼	08/26/22 07:54	08/30/22 20:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	74		31 - 143	08/26/22 07:54	08/30/22 20:00	1
2-Fluorobiphenyl (Surr)	64		43 - 145	08/26/22 07:54	08/30/22 20:00	1
2-Fluorophenol (Surr)	95		31 - 166	08/26/22 07:54	08/30/22 20:00	1
Nitrobenzene-d5 (Surr)	50		37 - 147	08/26/22 07:54	08/30/22 20:00	1
Phenol-d5 (Surr)	73		30 - 153	08/26/22 07:54	08/30/22 20:00	1
Terphenyl-d14 (Surr)	103		42 - 157	08/26/22 07:54	08/30/22 20:00	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		08/19/22 16:54	08/22/22 13:41	1
<b>Barium</b>	<b>0.76</b>		0.50	0.050	mg/L		08/19/22 16:54	08/22/22 13:41	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		08/19/22 16:54	08/22/22 13:41	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		08/19/22 16:54	08/22/22 13:41	1
Chromium	<0.025		0.025	0.010	mg/L		08/19/22 16:54	08/22/22 13:41	1
Cobalt	<0.025		0.025	0.010	mg/L		08/19/22 16:54	08/22/22 13:41	1
Copper	<0.025		0.025	0.010	mg/L		08/19/22 16:54	08/22/22 13:41	1
Iron	<0.40		0.40	0.20	mg/L		08/19/22 16:54	08/22/22 13:41	1
Lead	<0.0075		0.0075	0.0075	mg/L		08/19/22 16:54	08/22/22 13:41	1
<b>Manganese</b>	<b>3.1</b>		0.025	0.010	mg/L		08/19/22 16:54	08/22/22 13:41	1
<b>Nickel</b>	<b>0.014</b>	J	0.025	0.010	mg/L		08/19/22 16:54	08/22/22 13:41	1
Selenium	<0.050		0.050	0.020	mg/L		08/19/22 16:54	08/22/22 13:41	1
Silver	<0.025		0.025	0.010	mg/L		08/19/22 16:54	08/22/22 13:41	1
<b>Zinc</b>	<b>0.028</b>	J	0.50	0.020	mg/L		08/19/22 16:54	08/22/22 13:41	1

**Method: 6010B - Metals (ICP) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.10</b>		0.050	0.010	mg/L		08/19/22 16:56	08/22/22 15:05	1
<b>Barium</b>	<b>0.38</b>	J	0.50	0.050	mg/L		08/19/22 16:56	08/22/22 15:05	1
<b>Beryllium</b>	<b>0.0083</b>		0.0040	0.0040	mg/L		08/19/22 16:56	08/22/22 15:05	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		08/19/22 16:56	08/22/22 15:05	1
<b>Chromium</b>	<b>0.15</b>		0.025	0.010	mg/L		08/19/22 16:56	08/22/22 15:05	1
<b>Cobalt</b>	<b>0.056</b>		0.025	0.010	mg/L		08/19/22 16:56	08/22/22 15:05	1
<b>Copper</b>	<b>0.21</b>		0.025	0.010	mg/L		08/19/22 16:56	08/22/22 15:05	1
<b>Iron</b>	<b>190</b>		0.40	0.20	mg/L		08/19/22 16:56	08/22/22 15:05	1
<b>Lead</b>	<b>0.086</b>		0.0075	0.0075	mg/L		08/19/22 16:56	08/22/22 15:05	1
<b>Manganese</b>	<b>0.66</b>		0.025	0.010	mg/L		08/19/22 16:56	08/22/22 15:05	1
<b>Nickel</b>	<b>0.21</b>		0.025	0.010	mg/L		08/19/22 16:56	08/22/22 15:05	1
Selenium	<0.050		0.050	0.020	mg/L		08/19/22 16:56	08/22/22 15:05	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220917-1

**Client Sample ID: ROW-205(10-15)-081522**

**Lab Sample ID: 500-220917-16**

Date Collected: 08/15/22 10:50

Matrix: Solid

Date Received: 08/16/22 11:50

Percent Solids: 85.3

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		08/19/22 16:56	08/22/22 15:05	1
Zinc	0.47	J	0.50	0.020	mg/L		08/19/22 16:56	08/22/22 15:05	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9400		11	4.5	mg/Kg	☆	08/19/22 08:46	08/22/22 20:13	1
Antimony	0.43	J	1.1	0.21	mg/Kg	☆	08/19/22 08:46	08/22/22 20:13	1
Arsenic	8.0		0.55	0.19	mg/Kg	☆	08/19/22 08:46	08/22/22 20:13	1
Barium	31		0.55	0.063	mg/Kg	☆	08/19/22 08:46	08/22/22 20:13	1
Beryllium	0.73		0.22	0.052	mg/Kg	☆	08/19/22 08:46	08/22/22 20:13	1
Cadmium	<0.11		0.11	0.020	mg/Kg	☆	08/19/22 08:46	08/22/22 20:13	1
Calcium	73000	B	55	9.4	mg/Kg	☆	08/19/22 08:46	08/23/22 12:49	5
Chromium	15		0.55	0.27	mg/Kg	☆	08/19/22 08:46	08/22/22 20:13	1
Cobalt	9.8		0.28	0.072	mg/Kg	☆	08/19/22 08:46	08/22/22 20:13	1
Copper	20		0.55	0.15	mg/Kg	☆	08/19/22 08:46	08/22/22 20:13	1
Iron	18000	B	11	5.7	mg/Kg	☆	08/19/22 08:46	08/22/22 20:13	1
Lead	12		0.28	0.13	mg/Kg	☆	08/19/22 08:46	08/22/22 20:13	1
Magnesium	27000	B	5.5	2.7	mg/Kg	☆	08/19/22 08:46	08/22/22 20:13	1
Manganese	260		0.55	0.080	mg/Kg	☆	08/19/22 08:46	08/22/22 20:13	1
Nickel	27		0.55	0.16	mg/Kg	☆	08/19/22 08:46	08/22/22 20:13	1
Potassium	2400		28	9.8	mg/Kg	☆	08/19/22 08:46	08/22/22 20:13	1
Selenium	<0.55		0.55	0.32	mg/Kg	☆	08/19/22 08:46	08/22/22 20:13	1
Silver	0.25	J	0.28	0.071	mg/Kg	☆	08/19/22 08:46	08/22/22 20:13	1
Sodium	390		55	8.2	mg/Kg	☆	08/19/22 08:46	08/22/22 20:13	1
Thallium	<0.55		0.55	0.28	mg/Kg	☆	08/19/22 08:46	08/22/22 20:13	1
Vanadium	18		0.28	0.065	mg/Kg	☆	08/19/22 08:46	08/22/22 20:13	1
Zinc	57		1.1	0.48	mg/Kg	☆	08/19/22 08:46	08/22/22 20:13	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		08/19/22 14:40	08/22/22 10:19	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		08/19/22 14:40	08/22/22 11:43	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.038		0.018	0.0061	mg/Kg	☆	08/19/22 14:00	08/22/22 08:23	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.7		0.2	0.2	SU			08/19/22 18:34	1



# Client Sample Results

Client: Weston Solutions, Inc.  
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220917-1

**Client Sample ID: ROW-206(0-5)-081522**

**Lab Sample ID: 500-220917-17**

**Date Collected: 08/15/22 11:00**

**Matrix: Solid**

**Date Received: 08/16/22 11:50**

**Percent Solids: 82.8**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018		0.018	0.0079	mg/Kg	☼	08/16/22 18:04	08/23/22 15:25	1
Benzene	<0.0018		0.0018	0.00046	mg/Kg	☼	08/16/22 18:04	08/23/22 15:25	1
Bromodichloromethane	<0.0018		0.0018	0.00037	mg/Kg	☼	08/16/22 18:04	08/23/22 15:25	1
Bromoform	<0.0018	*3	0.0018	0.00053	mg/Kg	☼	08/16/22 18:04	08/23/22 15:25	1
Bromomethane	<0.0045		0.0045	0.0017	mg/Kg	☼	08/16/22 18:04	08/23/22 15:25	1
Carbon disulfide	<0.0045		0.0045	0.00094	mg/Kg	☼	08/16/22 18:04	08/23/22 15:25	1
Carbon tetrachloride	<0.0018		0.0018	0.00052	mg/Kg	☼	08/16/22 18:04	08/23/22 15:25	1
Chlorobenzene	<0.0018	*3	0.0018	0.00067	mg/Kg	☼	08/16/22 18:04	08/23/22 15:25	1
Chloroethane	<0.0045		0.0045	0.0013	mg/Kg	☼	08/16/22 18:04	08/23/22 15:25	1
Chloroform	<0.0018		0.0018	0.00063	mg/Kg	☼	08/16/22 18:04	08/23/22 15:25	1
Chloromethane	<0.0045		0.0045	0.0018	mg/Kg	☼	08/16/22 18:04	08/23/22 15:25	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00051	mg/Kg	☼	08/16/22 18:04	08/23/22 15:25	1
cis-1,3-Dichloropropene	<0.0018	*3	0.0018	0.00055	mg/Kg	☼	08/16/22 18:04	08/23/22 15:25	1
Dibromochloromethane	<0.0018	*3	0.0018	0.00059	mg/Kg	☼	08/16/22 18:04	08/23/22 15:25	1
1,1-Dichloroethane	<0.0018		0.0018	0.00062	mg/Kg	☼	08/16/22 18:04	08/23/22 15:25	1
1,2-Dichloroethane	<0.0045		0.0045	0.0014	mg/Kg	☼	08/16/22 18:04	08/23/22 15:25	1
1,1-Dichloroethene	<0.0018		0.0018	0.00062	mg/Kg	☼	08/16/22 18:04	08/23/22 15:25	1
1,2-Dichloropropane	<0.0018		0.0018	0.00047	mg/Kg	☼	08/16/22 18:04	08/23/22 15:25	1
1,3-Dichloropropane, Total	<0.0018		0.0018	0.00063	mg/Kg	☼	08/16/22 18:04	08/23/22 15:25	1
Ethylbenzene	<0.0018	*3	0.0018	0.00087	mg/Kg	☼	08/16/22 18:04	08/23/22 15:25	1
2-Hexanone	<0.0045	*3	0.0045	0.0014	mg/Kg	☼	08/16/22 18:04	08/23/22 15:25	1
Methylene Chloride	<0.0045		0.0045	0.0018	mg/Kg	☼	08/16/22 18:04	08/23/22 15:25	1
Methyl Ethyl Ketone	<0.0045		0.0045	0.0020	mg/Kg	☼	08/16/22 18:04	08/23/22 15:25	1
methyl isobutyl ketone	<0.0045	*3	0.0045	0.0013	mg/Kg	☼	08/16/22 18:04	08/23/22 15:25	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00053	mg/Kg	☼	08/16/22 18:04	08/23/22 15:25	1
Styrene	<0.0018	*3 *+	0.0018	0.00055	mg/Kg	☼	08/16/22 18:04	08/23/22 15:25	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00058	mg/Kg	☼	08/16/22 18:04	08/23/22 15:25	1
Tetrachloroethene	<0.0018	*3	0.0018	0.00062	mg/Kg	☼	08/16/22 18:04	08/23/22 15:25	1
Toluene	<0.0018	*3	0.0018	0.00046	mg/Kg	☼	08/16/22 18:04	08/23/22 15:25	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00080	mg/Kg	☼	08/16/22 18:04	08/23/22 15:25	1
trans-1,3-Dichloropropene	<0.0018	*3	0.0018	0.00063	mg/Kg	☼	08/16/22 18:04	08/23/22 15:25	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00061	mg/Kg	☼	08/16/22 18:04	08/23/22 15:25	1
1,1,2-Trichloroethane	<0.0018	*3	0.0018	0.00078	mg/Kg	☼	08/16/22 18:04	08/23/22 15:25	1
Trichloroethene	<0.0018		0.0018	0.00061	mg/Kg	☼	08/16/22 18:04	08/23/22 15:25	1
Vinyl chloride	<0.0018		0.0018	0.00080	mg/Kg	☼	08/16/22 18:04	08/23/22 15:25	1
Xylenes, Total	<0.0036	*3	0.0036	0.00058	mg/Kg	☼	08/16/22 18:04	08/23/22 15:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		75 - 131	08/16/22 18:04	08/23/22 15:25	1
Dibromofluoromethane (Surr)	125		75 - 126	08/16/22 18:04	08/23/22 15:25	1
1,2-Dichloroethane-d4 (Surr)	119		70 - 134	08/16/22 18:04	08/23/22 15:25	1
Toluene-d8 (Surr)	111	*3	75 - 124	08/16/22 18:04	08/23/22 15:25	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.042	mg/Kg	☼	08/26/22 07:54	08/30/22 20:24	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	08/26/22 07:54	08/30/22 20:24	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	08/26/22 07:54	08/30/22 20:24	1
1,4-Dichlorobenzene	<0.20		0.20	0.050	mg/Kg	☼	08/26/22 07:54	08/30/22 20:24	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.045	mg/Kg	☼	08/26/22 07:54	08/30/22 20:24	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220917-1

Client Sample ID: ROW-206(0-5)-081522

Lab Sample ID: 500-220917-17

Date Collected: 08/15/22 11:00

Matrix: Solid

Date Received: 08/16/22 11:50

Percent Solids: 82.8

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.089	mg/Kg	✧	08/26/22 07:54	08/30/22 20:24	1
2,4,6-Trichlorophenol	<0.39		0.39	0.13	mg/Kg	✧	08/26/22 07:54	08/30/22 20:24	1
2,4-Dichlorophenol	<0.39		0.39	0.093	mg/Kg	✧	08/26/22 07:54	08/30/22 20:24	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	✧	08/26/22 07:54	08/30/22 20:24	1
2,4-Dinitrophenol	<0.79		0.79	0.69	mg/Kg	✧	08/26/22 07:54	08/30/22 20:24	1
2,4-Dinitrotoluene	<0.20		0.20	0.062	mg/Kg	✧	08/26/22 07:54	08/30/22 20:24	1
2,6-Dinitrotoluene	<0.20		0.20	0.077	mg/Kg	✧	08/26/22 07:54	08/30/22 20:24	1
2-Chloronaphthalene	<0.20		0.20	0.043	mg/Kg	✧	08/26/22 07:54	08/30/22 20:24	1
2-Chlorophenol	<0.20	*+	0.20	0.067	mg/Kg	✧	08/26/22 07:54	08/30/22 20:24	1
2-Methylnaphthalene	<0.079		0.079	0.0072	mg/Kg	✧	08/26/22 07:54	08/30/22 20:24	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	✧	08/26/22 07:54	08/30/22 20:24	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	✧	08/26/22 07:54	08/30/22 20:24	1
2-Nitrophenol	<0.39		0.39	0.092	mg/Kg	✧	08/26/22 07:54	08/30/22 20:24	1
3 & 4 Methylphenol	<0.20		0.20	0.065	mg/Kg	✧	08/26/22 07:54	08/30/22 20:24	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	✧	08/26/22 07:54	08/30/22 20:24	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	✧	08/26/22 07:54	08/30/22 20:24	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.31	mg/Kg	✧	08/26/22 07:54	08/30/22 20:24	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	✧	08/26/22 07:54	08/30/22 20:24	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	✧	08/26/22 07:54	08/30/22 20:24	1
4-Chloroaniline	<0.79		0.79	0.18	mg/Kg	✧	08/26/22 07:54	08/30/22 20:24	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	✧	08/26/22 07:54	08/30/22 20:24	1
4-Nitroaniline	<0.39		0.39	0.16	mg/Kg	✧	08/26/22 07:54	08/30/22 20:24	1
4-Nitrophenol	<0.79		0.79	0.37	mg/Kg	✧	08/26/22 07:54	08/30/22 20:24	1
Acenaphthene	<0.039		0.039	0.0070	mg/Kg	✧	08/26/22 07:54	08/30/22 20:24	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	✧	08/26/22 07:54	08/30/22 20:24	1
Anthracene	<0.039		0.039	0.0065	mg/Kg	✧	08/26/22 07:54	08/30/22 20:24	1
Benzo[a]anthracene	<0.039		0.039	0.0053	mg/Kg	✧	08/26/22 07:54	08/30/22 20:24	1
Benzo[a]pyrene	<0.039		0.039	0.0076	mg/Kg	✧	08/26/22 07:54	08/30/22 20:24	1
Benzo[b]fluoranthene	<0.039		0.039	0.0084	mg/Kg	✧	08/26/22 07:54	08/30/22 20:24	1
Benzo[g,h,i]perylene	<0.039		0.039	0.013	mg/Kg	✧	08/26/22 07:54	08/30/22 20:24	1
Benzo[k]fluoranthene	<0.039		0.039	0.012	mg/Kg	✧	08/26/22 07:54	08/30/22 20:24	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	✧	08/26/22 07:54	08/30/22 20:24	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	✧	08/26/22 07:54	08/30/22 20:24	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.071	mg/Kg	✧	08/26/22 07:54	08/30/22 20:24	1
Butyl benzyl phthalate	<0.20		0.20	0.074	mg/Kg	✧	08/26/22 07:54	08/30/22 20:24	1
Carbazole	<0.20		0.20	0.098	mg/Kg	✧	08/26/22 07:54	08/30/22 20:24	1
Chrysene	<0.039		0.039	0.011	mg/Kg	✧	08/26/22 07:54	08/30/22 20:24	1
Dibenz(a,h)anthracene	<0.039		0.039	0.0076	mg/Kg	✧	08/26/22 07:54	08/30/22 20:24	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	✧	08/26/22 07:54	08/30/22 20:24	1
Diethyl phthalate	<0.20		0.20	0.066	mg/Kg	✧	08/26/22 07:54	08/30/22 20:24	1
Dimethyl phthalate	<0.20		0.20	0.051	mg/Kg	✧	08/26/22 07:54	08/30/22 20:24	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	✧	08/26/22 07:54	08/30/22 20:24	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	✧	08/26/22 07:54	08/30/22 20:24	1
Fluoranthene	<0.039		0.039	0.0072	mg/Kg	✧	08/26/22 07:54	08/30/22 20:24	1
Fluorene	<0.039		0.039	0.0055	mg/Kg	✧	08/26/22 07:54	08/30/22 20:24	1
Hexachlorobenzene	<0.079		0.079	0.0091	mg/Kg	✧	08/26/22 07:54	08/30/22 20:24	1
Hexachlorobutadiene	<0.20		0.20	0.061	mg/Kg	✧	08/26/22 07:54	08/30/22 20:24	1
Hexachlorocyclopentadiene	<0.79		0.79	0.22	mg/Kg	✧	08/26/22 07:54	08/30/22 20:24	1
Hexachloroethane	<0.20		0.20	0.059	mg/Kg	✧	08/26/22 07:54	08/30/22 20:24	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220917-1

**Client Sample ID: ROW-206(0-5)-081522**

**Lab Sample ID: 500-220917-17**

Date Collected: 08/15/22 11:00

Matrix: Solid

Date Received: 08/16/22 11:50

Percent Solids: 82.8

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.039		0.039	0.010	mg/Kg	☼	08/26/22 07:54	08/30/22 20:24	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	08/26/22 07:54	08/30/22 20:24	1
Naphthalene	<0.039		0.039	0.0060	mg/Kg	☼	08/26/22 07:54	08/30/22 20:24	1
Nitrobenzene	<0.039		0.039	0.0098	mg/Kg	☼	08/26/22 07:54	08/30/22 20:24	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.048	mg/Kg	☼	08/26/22 07:54	08/30/22 20:24	1
N-Nitrosodiphenylamine	<0.20		0.20	0.046	mg/Kg	☼	08/26/22 07:54	08/30/22 20:24	1
Pentachlorophenol	<0.79		0.79	0.63	mg/Kg	☼	08/26/22 07:54	08/30/22 20:24	1
Phenanthrene	<0.039		0.039	0.0054	mg/Kg	☼	08/26/22 07:54	08/30/22 20:24	1
Phenol	<0.20	*+	0.20	0.087	mg/Kg	☼	08/26/22 07:54	08/30/22 20:24	1
Pyrene	<0.039		0.039	0.0078	mg/Kg	☼	08/26/22 07:54	08/30/22 20:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	76		31 - 143	08/26/22 07:54	08/30/22 20:24	1
2-Fluorobiphenyl (Surr)	58		43 - 145	08/26/22 07:54	08/30/22 20:24	1
2-Fluorophenol (Surr)	100		31 - 166	08/26/22 07:54	08/30/22 20:24	1
Nitrobenzene-d5 (Surr)	43		37 - 147	08/26/22 07:54	08/30/22 20:24	1
Phenol-d5 (Surr)	93		30 - 153	08/26/22 07:54	08/30/22 20:24	1
Terphenyl-d14 (Surr)	114		42 - 157	08/26/22 07:54	08/30/22 20:24	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		08/19/22 16:54	08/22/22 13:45	1
<b>Barium</b>	<b>0.32</b>	<b>J</b>	0.50	0.050	mg/L		08/19/22 16:54	08/22/22 13:45	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		08/19/22 16:54	08/22/22 13:45	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		08/19/22 16:54	08/22/22 13:45	1
Chromium	<0.025		0.025	0.010	mg/L		08/19/22 16:54	08/22/22 13:45	1
Cobalt	<0.025		0.025	0.010	mg/L		08/19/22 16:54	08/22/22 13:45	1
Copper	<0.025		0.025	0.010	mg/L		08/19/22 16:54	08/22/22 13:45	1
Iron	<0.40		0.40	0.20	mg/L		08/19/22 16:54	08/22/22 13:45	1
Lead	<0.0075		0.0075	0.0075	mg/L		08/19/22 16:54	08/22/22 13:45	1
<b>Manganese</b>	<b>0.88</b>		0.025	0.010	mg/L		08/19/22 16:54	08/22/22 13:45	1
Nickel	<0.025		0.025	0.010	mg/L		08/19/22 16:54	08/22/22 13:45	1
Selenium	<0.050		0.050	0.020	mg/L		08/19/22 16:54	08/22/22 13:45	1
Silver	<0.025		0.025	0.010	mg/L		08/19/22 16:54	08/22/22 13:45	1
Zinc	<0.50		0.50	0.020	mg/L		08/19/22 16:54	08/22/22 13:45	1

**Method: 6010B - Metals (ICP) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.13</b>		0.050	0.010	mg/L		08/19/22 16:56	08/22/22 15:08	1
<b>Barium</b>	<b>1.0</b>		0.50	0.050	mg/L		08/19/22 16:56	08/22/22 15:08	1
<b>Beryllium</b>	<b>0.012</b>		0.0040	0.0040	mg/L		08/19/22 16:56	08/22/22 15:08	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		08/19/22 16:56	08/22/22 15:08	1
<b>Chromium</b>	<b>0.23</b>		0.025	0.010	mg/L		08/19/22 16:56	08/22/22 15:08	1
<b>Cobalt</b>	<b>0.11</b>		0.025	0.010	mg/L		08/19/22 16:56	08/22/22 15:08	1
<b>Copper</b>	<b>0.26</b>		0.025	0.010	mg/L		08/19/22 16:56	08/22/22 15:08	1
<b>Iron</b>	<b>290</b>		0.40	0.20	mg/L		08/19/22 16:56	08/22/22 15:08	1
<b>Lead</b>	<b>0.13</b>		0.0075	0.0075	mg/L		08/19/22 16:56	08/22/22 15:08	1
<b>Manganese</b>	<b>2.8</b>		0.025	0.010	mg/L		08/19/22 16:56	08/22/22 15:08	1
<b>Nickel</b>	<b>0.29</b>		0.025	0.010	mg/L		08/19/22 16:56	08/22/22 15:08	1
Selenium	<0.050		0.050	0.020	mg/L		08/19/22 16:56	08/22/22 15:08	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220917-1

**Client Sample ID: ROW-206(0-5)-081522**

**Lab Sample ID: 500-220917-17**

Date Collected: 08/15/22 11:00

Matrix: Solid

Date Received: 08/16/22 11:50

Percent Solids: 82.8

### Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		08/19/22 16:56	08/22/22 15:08	1
<b>Zinc</b>	<b>0.70</b>		0.50	0.020	mg/L		08/19/22 16:56	08/22/22 15:08	1

### Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>13000</b>		11	4.7	mg/Kg	☆	08/19/22 08:46	08/22/22 20:16	1
<b>Antimony</b>	<b>0.45</b>	J	1.1	0.22	mg/Kg	☆	08/19/22 08:46	08/22/22 20:16	1
<b>Arsenic</b>	<b>6.6</b>		0.57	0.19	mg/Kg	☆	08/19/22 08:46	08/22/22 20:16	1
<b>Barium</b>	<b>71</b>		0.57	0.065	mg/Kg	☆	08/19/22 08:46	08/22/22 20:16	1
<b>Beryllium</b>	<b>0.74</b>		0.23	0.053	mg/Kg	☆	08/19/22 08:46	08/22/22 20:16	1
Cadmium	<0.11		0.11	0.021	mg/Kg	☆	08/19/22 08:46	08/22/22 20:16	1
<b>Calcium</b>	<b>23000</b>	B	11	1.9	mg/Kg	☆	08/19/22 08:46	08/22/22 20:16	1
<b>Chromium</b>	<b>16</b>		0.57	0.28	mg/Kg	☆	08/19/22 08:46	08/22/22 20:16	1
<b>Cobalt</b>	<b>11</b>		0.28	0.075	mg/Kg	☆	08/19/22 08:46	08/22/22 20:16	1
<b>Copper</b>	<b>16</b>		0.57	0.16	mg/Kg	☆	08/19/22 08:46	08/22/22 20:16	1
<b>Iron</b>	<b>19000</b>	B	11	5.9	mg/Kg	☆	08/19/22 08:46	08/22/22 20:16	1
<b>Lead</b>	<b>14</b>		0.28	0.13	mg/Kg	☆	08/19/22 08:46	08/22/22 20:16	1
<b>Magnesium</b>	<b>14000</b>	B	5.7	2.8	mg/Kg	☆	08/19/22 08:46	08/22/22 20:16	1
<b>Manganese</b>	<b>420</b>		0.57	0.083	mg/Kg	☆	08/19/22 08:46	08/22/22 20:16	1
<b>Nickel</b>	<b>24</b>		0.57	0.17	mg/Kg	☆	08/19/22 08:46	08/22/22 20:16	1
<b>Potassium</b>	<b>1400</b>		28	10	mg/Kg	☆	08/19/22 08:46	08/22/22 20:16	1
Selenium	<0.57		0.57	0.34	mg/Kg	☆	08/19/22 08:46	08/22/22 20:16	1
<b>Silver</b>	<b>0.34</b>		0.28	0.074	mg/Kg	☆	08/19/22 08:46	08/22/22 20:16	1
<b>Sodium</b>	<b>2200</b>		57	8.4	mg/Kg	☆	08/19/22 08:46	08/22/22 20:16	1
Thallium	<0.57		0.57	0.28	mg/Kg	☆	08/19/22 08:46	08/22/22 20:16	1
<b>Vanadium</b>	<b>28</b>		0.28	0.067	mg/Kg	☆	08/19/22 08:46	08/22/22 20:16	1
<b>Zinc</b>	<b>55</b>		1.1	0.50	mg/Kg	☆	08/19/22 08:46	08/22/22 20:16	1

### Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		08/19/22 14:40	08/22/22 10:21	1

### Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00050		0.00050	0.00050	mg/L		08/19/22 14:40	08/22/22 11:45	1

### Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.059</b>		0.018	0.0060	mg/Kg	☆	08/19/22 14:00	08/22/22 08:26	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.6</b>		0.2	0.2	SU			08/19/22 18:37	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220917-1

Client Sample ID: ROW-206(5-10)-081522

Lab Sample ID: 500-220917-18

Date Collected: 08/15/22 11:05

Matrix: Solid

Date Received: 08/16/22 11:50

Percent Solids: 80.2

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.039		0.019	0.0082	mg/Kg	☼	08/16/22 18:04	08/23/22 15:50	1
Benzene	<0.0019		0.0019	0.00048	mg/Kg	☼	08/16/22 18:04	08/23/22 15:50	1
Bromodichloromethane	<0.0019		0.0019	0.00038	mg/Kg	☼	08/16/22 18:04	08/23/22 15:50	1
Bromoform	<0.0019	*3	0.0019	0.00055	mg/Kg	☼	08/16/22 18:04	08/23/22 15:50	1
Bromomethane	<0.0047		0.0047	0.0018	mg/Kg	☼	08/16/22 18:04	08/23/22 15:50	1
Carbon disulfide	<0.0047		0.0047	0.00098	mg/Kg	☼	08/16/22 18:04	08/23/22 15:50	1
Carbon tetrachloride	<0.0019		0.0019	0.00055	mg/Kg	☼	08/16/22 18:04	08/23/22 15:50	1
Chlorobenzene	<0.0019	*3	0.0019	0.00070	mg/Kg	☼	08/16/22 18:04	08/23/22 15:50	1
Chloroethane	<0.0047		0.0047	0.0014	mg/Kg	☼	08/16/22 18:04	08/23/22 15:50	1
Chloroform	<0.0019		0.0019	0.00065	mg/Kg	☼	08/16/22 18:04	08/23/22 15:50	1
Chloromethane	<0.0047		0.0047	0.0019	mg/Kg	☼	08/16/22 18:04	08/23/22 15:50	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00053	mg/Kg	☼	08/16/22 18:04	08/23/22 15:50	1
cis-1,3-Dichloropropene	<0.0019	*3	0.0019	0.00057	mg/Kg	☼	08/16/22 18:04	08/23/22 15:50	1
Dibromochloromethane	<0.0019	*3	0.0019	0.00062	mg/Kg	☼	08/16/22 18:04	08/23/22 15:50	1
1,1-Dichloroethane	<0.0019		0.0019	0.00065	mg/Kg	☼	08/16/22 18:04	08/23/22 15:50	1
1,2-Dichloroethane	<0.0047		0.0047	0.0015	mg/Kg	☼	08/16/22 18:04	08/23/22 15:50	1
1,1-Dichloroethene	<0.0019		0.0019	0.00065	mg/Kg	☼	08/16/22 18:04	08/23/22 15:50	1
1,2-Dichloropropene	<0.0019		0.0019	0.00049	mg/Kg	☼	08/16/22 18:04	08/23/22 15:50	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00066	mg/Kg	☼	08/16/22 18:04	08/23/22 15:50	1
Ethylbenzene	<0.0019	*3	0.0019	0.00090	mg/Kg	☼	08/16/22 18:04	08/23/22 15:50	1
2-Hexanone	<0.0047	*3	0.0047	0.0015	mg/Kg	☼	08/16/22 18:04	08/23/22 15:50	1
Methylene Chloride	<0.0047		0.0047	0.0019	mg/Kg	☼	08/16/22 18:04	08/23/22 15:50	1
Methyl Ethyl Ketone	0.0044	J	0.0047	0.0021	mg/Kg	☼	08/16/22 18:04	08/23/22 15:50	1
methyl isobutyl ketone	<0.0047	*3	0.0047	0.0014	mg/Kg	☼	08/16/22 18:04	08/23/22 15:50	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00055	mg/Kg	☼	08/16/22 18:04	08/23/22 15:50	1
Styrene	<0.0019	*3 *+	0.0019	0.00057	mg/Kg	☼	08/16/22 18:04	08/23/22 15:50	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00060	mg/Kg	☼	08/16/22 18:04	08/23/22 15:50	1
Tetrachloroethene	<0.0019	*3	0.0019	0.00064	mg/Kg	☼	08/16/22 18:04	08/23/22 15:50	1
Toluene	<0.0019	*3	0.0019	0.00048	mg/Kg	☼	08/16/22 18:04	08/23/22 15:50	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00084	mg/Kg	☼	08/16/22 18:04	08/23/22 15:50	1
trans-1,3-Dichloropropene	<0.0019	*3	0.0019	0.00066	mg/Kg	☼	08/16/22 18:04	08/23/22 15:50	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00063	mg/Kg	☼	08/16/22 18:04	08/23/22 15:50	1
1,1,2-Trichloroethane	<0.0019	*3	0.0019	0.00081	mg/Kg	☼	08/16/22 18:04	08/23/22 15:50	1
Trichloroethene	<0.0019		0.0019	0.00064	mg/Kg	☼	08/16/22 18:04	08/23/22 15:50	1
Vinyl chloride	<0.0019		0.0019	0.00083	mg/Kg	☼	08/16/22 18:04	08/23/22 15:50	1
Xylenes, Total	<0.0038	*3	0.0038	0.00060	mg/Kg	☼	08/16/22 18:04	08/23/22 15:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		75 - 131	08/16/22 18:04	08/23/22 15:50	1
Dibromofluoromethane (Surr)	121		75 - 126	08/16/22 18:04	08/23/22 15:50	1
1,2-Dichloroethane-d4 (Surr)	114		70 - 134	08/16/22 18:04	08/23/22 15:50	1
Toluene-d8 (Surr)	106	*3	75 - 124	08/16/22 18:04	08/23/22 15:50	1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.043	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
1,2-Dichlorobenzene	<0.20		0.20	0.048	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
1,3-Dichlorobenzene	<0.20		0.20	0.045	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
1,4-Dichlorobenzene	<0.20		0.20	0.051	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220917-1

Client Sample ID: ROW-206(5-10)-081522

Lab Sample ID: 500-220917-18

Date Collected: 08/15/22 11:05

Matrix: Solid

Date Received: 08/16/22 11:50

Percent Solids: 80.2

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.40		0.40	0.091	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
2,4,6-Trichlorophenol	<0.40		0.40	0.14	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
2,4-Dichlorophenol	<0.40		0.40	0.095	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
2,4-Dimethylphenol	<0.40		0.40	0.15	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
2,4-Dinitrophenol	<0.80		0.80	0.70	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
2,4-Dinitrotoluene	<0.20		0.20	0.063	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
2,6-Dinitrotoluene	<0.20		0.20	0.078	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
2-Chlorophenol	<0.20	*+	0.20	0.068	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
2-Methylnaphthalene	<0.080		0.080	0.0073	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
2-Methylphenol	<0.20		0.20	0.064	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
2-Nitroaniline	<0.20		0.20	0.054	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
2-Nitrophenol	<0.40		0.40	0.094	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
3 & 4 Methylphenol	<0.20		0.20	0.067	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.056	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
3-Nitroaniline	<0.40		0.40	0.12	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
4,6-Dinitro-2-methylphenol	<0.80		0.80	0.32	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.053	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
4-Chloro-3-methylphenol	<0.40		0.40	0.14	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
4-Chloroaniline	<0.80		0.80	0.19	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.047	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
4-Nitroaniline	<0.40		0.40	0.17	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
4-Nitrophenol	<0.80		0.80	0.38	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
Acenaphthene	<0.040		0.040	0.0072	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
Acenaphthylene	<0.040		0.040	0.0053	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
Anthracene	<0.040		0.040	0.0067	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
<b>Benzo[a]anthracene</b>	<b>0.013</b>	<b>J</b>	0.040	0.0054	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
<b>Benzo[a]pyrene</b>	<b>0.025</b>	<b>J</b>	0.040	0.0077	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
<b>Benzo[b]fluoranthene</b>	<b>0.027</b>	<b>J</b>	0.040	0.0086	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
Benzofluoranthene	<0.040		0.040	0.013	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
<b>Benzo[k]fluoranthene</b>	<b>0.015</b>	<b>J</b>	0.040	0.012	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.041	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.060	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.073	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
Butyl benzyl phthalate	<0.20		0.20	0.076	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
Carbazole	<0.20		0.20	0.10	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
<b>Chrysene</b>	<b>0.016</b>	<b>J</b>	0.040	0.011	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
Dibenz(a,h)anthracene	<0.040		0.040	0.0077	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
Dibenzofuran	<0.20		0.20	0.047	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
Diethyl phthalate	<0.20		0.20	0.068	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
Dimethyl phthalate	<0.20		0.20	0.052	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
Di-n-butyl phthalate	<0.20		0.20	0.061	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
Di-n-octyl phthalate	<0.20		0.20	0.065	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
<b>Fluoranthene</b>	<b>0.039</b>	<b>J</b>	0.040	0.0074	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
Fluorene	<0.040		0.040	0.0056	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
Hexachlorobenzene	<0.080		0.080	0.0092	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
Hexachlorobutadiene	<0.20		0.20	0.063	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
Hexachlorocyclopentadiene	<0.80		0.80	0.23	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
Hexachloroethane	<0.20		0.20	0.061	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220917-1

**Client Sample ID: ROW-206(5-10)-081522**

**Lab Sample ID: 500-220917-18**

Date Collected: 08/15/22 11:05

Matrix: Solid

Date Received: 08/16/22 11:50

Percent Solids: 80.2

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.040		0.040	0.010	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
Isophorone	<0.20		0.20	0.045	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
Naphthalene	<0.040		0.040	0.0061	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
Nitrobenzene	<0.040		0.040	0.010	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
N-Nitrosodi-n-propylamine	<0.080		0.080	0.049	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
N-Nitrosodiphenylamine	<0.20		0.20	0.047	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
Pentachlorophenol	<0.80		0.80	0.64	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
<b>Phenanthrene</b>	<b>0.015</b>	<b>J</b>	0.040	0.0056	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
Phenol	<0.20	*+	0.20	0.089	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1
<b>Pyrene</b>	<b>0.029</b>	<b>J</b>	0.040	0.0079	mg/Kg	☼	08/26/22 07:54	08/30/22 20:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	66		31 - 143	08/26/22 07:54	08/30/22 20:49	1
2-Fluorobiphenyl (Surr)	58		43 - 145	08/26/22 07:54	08/30/22 20:49	1
2-Fluorophenol (Surr)	95		31 - 166	08/26/22 07:54	08/30/22 20:49	1
Nitrobenzene-d5 (Surr)	47		37 - 147	08/26/22 07:54	08/30/22 20:49	1
Phenol-d5 (Surr)	64		30 - 153	08/26/22 07:54	08/30/22 20:49	1
Terphenyl-d14 (Surr)	109		42 - 157	08/26/22 07:54	08/30/22 20:49	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		08/19/22 16:54	08/22/22 13:49	1
<b>Barium</b>	<b>0.69</b>		0.50	0.050	mg/L		08/19/22 16:54	08/22/22 13:49	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		08/19/22 16:54	08/22/22 13:49	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		08/19/22 16:54	08/22/22 13:49	1
Chromium	<0.025		0.025	0.010	mg/L		08/19/22 16:54	08/22/22 13:49	1
<b>Cobalt</b>	<b>0.011</b>	<b>J</b>	0.025	0.010	mg/L		08/19/22 16:54	08/22/22 13:49	1
Copper	<0.025		0.025	0.010	mg/L		08/19/22 16:54	08/22/22 13:49	1
Iron	<0.40		0.40	0.20	mg/L		08/19/22 16:54	08/22/22 13:49	1
Lead	<0.0075		0.0075	0.0075	mg/L		08/19/22 16:54	08/22/22 13:49	1
<b>Manganese</b>	<b>5.5</b>		0.025	0.010	mg/L		08/19/22 16:54	08/22/22 13:49	1
<b>Nickel</b>	<b>0.012</b>	<b>J</b>	0.025	0.010	mg/L		08/19/22 16:54	08/22/22 13:49	1
Selenium	<0.050		0.050	0.020	mg/L		08/19/22 16:54	08/22/22 13:49	1
Silver	<0.025		0.025	0.010	mg/L		08/19/22 16:54	08/22/22 13:49	1
<b>Zinc</b>	<b>0.042</b>	<b>J</b>	0.50	0.020	mg/L		08/19/22 16:54	08/22/22 13:49	1

**Method: 6010B - Metals (ICP) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.075</b>		0.050	0.010	mg/L		08/19/22 16:56	08/22/22 15:11	1
<b>Barium</b>	<b>1.3</b>		0.50	0.050	mg/L		08/19/22 16:56	08/22/22 15:11	1
<b>Beryllium</b>	<b>0.011</b>		0.0040	0.0040	mg/L		08/19/22 16:56	08/22/22 15:11	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		08/19/22 16:56	08/22/22 15:11	1
<b>Chromium</b>	<b>0.21</b>		0.025	0.010	mg/L		08/19/22 16:56	08/22/22 15:11	1
<b>Cobalt</b>	<b>0.10</b>		0.025	0.010	mg/L		08/19/22 16:56	08/22/22 15:11	1
<b>Copper</b>	<b>0.19</b>		0.025	0.010	mg/L		08/19/22 16:56	08/22/22 15:11	1
<b>Iron</b>	<b>240</b>		0.40	0.20	mg/L		08/19/22 16:56	08/22/22 15:11	1
<b>Lead</b>	<b>0.091</b>		0.0075	0.0075	mg/L		08/19/22 16:56	08/22/22 15:11	1
<b>Manganese</b>	<b>2.8</b>		0.025	0.010	mg/L		08/19/22 16:56	08/22/22 15:11	1
<b>Nickel</b>	<b>0.29</b>		0.025	0.010	mg/L		08/19/22 16:56	08/22/22 15:11	1
Selenium	<0.050		0.050	0.020	mg/L		08/19/22 16:56	08/22/22 15:11	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220917-1

Client Sample ID: ROW-206(5-10)-081522

Lab Sample ID: 500-220917-18

Date Collected: 08/15/22 11:05

Matrix: Solid

Date Received: 08/16/22 11:50

Percent Solids: 80.2

## Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		08/19/22 16:56	08/22/22 15:11	1
Zinc	0.52		0.50	0.020	mg/L		08/19/22 16:56	08/22/22 15:11	1

## Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	14000		12	4.9	mg/Kg	☆	08/19/22 08:46	08/22/22 20:19	1
Antimony	0.43	J	1.2	0.23	mg/Kg	☆	08/19/22 08:46	08/22/22 20:19	1
Arsenic	8.4		0.60	0.21	mg/Kg	☆	08/19/22 08:46	08/22/22 20:19	1
Barium	120		0.60	0.068	mg/Kg	☆	08/19/22 08:46	08/22/22 20:19	1
Beryllium	0.90		0.24	0.056	mg/Kg	☆	08/19/22 08:46	08/22/22 20:19	1
Cadmium	<0.12		0.12	0.022	mg/Kg	☆	08/19/22 08:46	08/22/22 20:19	1
Calcium	3000	B	12	2.0	mg/Kg	☆	08/19/22 08:46	08/22/22 20:19	1
Chromium	20		0.60	0.30	mg/Kg	☆	08/19/22 08:46	08/22/22 20:19	1
Cobalt	15		0.30	0.079	mg/Kg	☆	08/19/22 08:46	08/22/22 20:19	1
Copper	19		0.60	0.17	mg/Kg	☆	08/19/22 08:46	08/22/22 20:19	1
Iron	23000	B	12	6.2	mg/Kg	☆	08/19/22 08:46	08/22/22 20:19	1
Lead	15		0.30	0.14	mg/Kg	☆	08/19/22 08:46	08/22/22 20:19	1
Magnesium	4400	B	6.0	3.0	mg/Kg	☆	08/19/22 08:46	08/22/22 20:19	1
Manganese	490		0.60	0.087	mg/Kg	☆	08/19/22 08:46	08/22/22 20:19	1
Nickel	42		0.60	0.17	mg/Kg	☆	08/19/22 08:46	08/22/22 20:19	1
Potassium	1400		30	11	mg/Kg	☆	08/19/22 08:46	08/22/22 20:19	1
Selenium	<0.60		0.60	0.35	mg/Kg	☆	08/19/22 08:46	08/22/22 20:19	1
Silver	0.51		0.30	0.078	mg/Kg	☆	08/19/22 08:46	08/22/22 20:19	1
Sodium	1200		60	8.9	mg/Kg	☆	08/19/22 08:46	08/22/22 20:19	1
Thallium	<0.60		0.60	0.30	mg/Kg	☆	08/19/22 08:46	08/22/22 20:19	1
Vanadium	28		0.30	0.071	mg/Kg	☆	08/19/22 08:46	08/22/22 20:19	1
Zinc	69		1.2	0.53	mg/Kg	☆	08/19/22 08:46	08/22/22 20:19	1

## Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		08/19/22 14:40	08/22/22 10:23	1

## Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00033		0.00033	0.00033	mg/L		08/19/22 14:40	08/22/22 11:47	1

## Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.083		0.019	0.0064	mg/Kg	☆	08/19/22 14:00	08/22/22 08:32	1

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.7		0.2	0.2	SU			08/19/22 18:39	1



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220917-1

**Client Sample ID: ROW-206(10-15)-081522**

**Lab Sample ID: 500-220917-19**

**Date Collected: 08/15/22 11:10**

**Matrix: Solid**

**Date Received: 08/16/22 11:50**

**Percent Solids: 85.9**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0074	mg/Kg	☼	08/16/22 18:04	08/23/22 16:14	1
Benzene	<0.0017		0.0017	0.00043	mg/Kg	☼	08/16/22 18:04	08/23/22 16:14	1
Bromodichloromethane	<0.0017		0.0017	0.00035	mg/Kg	☼	08/16/22 18:04	08/23/22 16:14	1
Bromoform	<0.0017	*3	0.0017	0.00050	mg/Kg	☼	08/16/22 18:04	08/23/22 16:14	1
Bromomethane	<0.0043		0.0043	0.0016	mg/Kg	☼	08/16/22 18:04	08/23/22 16:14	1
Carbon disulfide	<0.0043		0.0043	0.00089	mg/Kg	☼	08/16/22 18:04	08/23/22 16:14	1
Carbon tetrachloride	<0.0017		0.0017	0.00049	mg/Kg	☼	08/16/22 18:04	08/23/22 16:14	1
Chlorobenzene	<0.0017	*3	0.0017	0.00063	mg/Kg	☼	08/16/22 18:04	08/23/22 16:14	1
Chloroethane	<0.0043		0.0043	0.0013	mg/Kg	☼	08/16/22 18:04	08/23/22 16:14	1
Chloroform	<0.0017		0.0017	0.00059	mg/Kg	☼	08/16/22 18:04	08/23/22 16:14	1
Chloromethane	<0.0043		0.0043	0.0017	mg/Kg	☼	08/16/22 18:04	08/23/22 16:14	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00048	mg/Kg	☼	08/16/22 18:04	08/23/22 16:14	1
cis-1,3-Dichloropropene	<0.0017	*3	0.0017	0.00051	mg/Kg	☼	08/16/22 18:04	08/23/22 16:14	1
Dibromochloromethane	<0.0017	*3	0.0017	0.00056	mg/Kg	☼	08/16/22 18:04	08/23/22 16:14	1
1,1-Dichloroethane	<0.0017		0.0017	0.00058	mg/Kg	☼	08/16/22 18:04	08/23/22 16:14	1
1,2-Dichloroethane	<0.0043		0.0043	0.0013	mg/Kg	☼	08/16/22 18:04	08/23/22 16:14	1
1,1-Dichloroethene	<0.0017		0.0017	0.00059	mg/Kg	☼	08/16/22 18:04	08/23/22 16:14	1
1,2-Dichloropropane	<0.0017		0.0017	0.00044	mg/Kg	☼	08/16/22 18:04	08/23/22 16:14	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00060	mg/Kg	☼	08/16/22 18:04	08/23/22 16:14	1
Ethylbenzene	<0.0017	*3	0.0017	0.00082	mg/Kg	☼	08/16/22 18:04	08/23/22 16:14	1
2-Hexanone	<0.0043	*3	0.0043	0.0013	mg/Kg	☼	08/16/22 18:04	08/23/22 16:14	1
Methylene Chloride	<0.0043		0.0043	0.0017	mg/Kg	☼	08/16/22 18:04	08/23/22 16:14	1
Methyl Ethyl Ketone	<0.0043		0.0043	0.0019	mg/Kg	☼	08/16/22 18:04	08/23/22 16:14	1
methyl isobutyl ketone	<0.0043	*3	0.0043	0.0013	mg/Kg	☼	08/16/22 18:04	08/23/22 16:14	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00050	mg/Kg	☼	08/16/22 18:04	08/23/22 16:14	1
Styrene	<0.0017	*3 *+	0.0017	0.00052	mg/Kg	☼	08/16/22 18:04	08/23/22 16:14	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00054	mg/Kg	☼	08/16/22 18:04	08/23/22 16:14	1
Tetrachloroethene	<0.0017	*3	0.0017	0.00058	mg/Kg	☼	08/16/22 18:04	08/23/22 16:14	1
Toluene	<0.0017	*3	0.0017	0.00043	mg/Kg	☼	08/16/22 18:04	08/23/22 16:14	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00076	mg/Kg	☼	08/16/22 18:04	08/23/22 16:14	1
trans-1,3-Dichloropropene	<0.0017	*3	0.0017	0.00060	mg/Kg	☼	08/16/22 18:04	08/23/22 16:14	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00057	mg/Kg	☼	08/16/22 18:04	08/23/22 16:14	1
1,1,2-Trichloroethane	<0.0017	*3	0.0017	0.00073	mg/Kg	☼	08/16/22 18:04	08/23/22 16:14	1
Trichloroethene	<0.0017		0.0017	0.00058	mg/Kg	☼	08/16/22 18:04	08/23/22 16:14	1
Vinyl chloride	<0.0017		0.0017	0.00075	mg/Kg	☼	08/16/22 18:04	08/23/22 16:14	1
Xylenes, Total	<0.0034	*3	0.0034	0.00055	mg/Kg	☼	08/16/22 18:04	08/23/22 16:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		75 - 131	08/16/22 18:04	08/23/22 16:14	1
Dibromofluoromethane (Surr)	120		75 - 126	08/16/22 18:04	08/23/22 16:14	1
1,2-Dichloroethane-d4 (Surr)	112		70 - 134	08/16/22 18:04	08/23/22 16:14	1
Toluene-d8 (Surr)	107	*3	75 - 124	08/16/22 18:04	08/23/22 16:14	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	☼	08/26/22 07:54	08/30/22 21:13	1
1,2-Dichlorobenzene	<0.19		0.19	0.044	mg/Kg	☼	08/26/22 07:54	08/30/22 21:13	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	08/26/22 07:54	08/30/22 21:13	1
1,4-Dichlorobenzene	<0.19		0.19	0.047	mg/Kg	☼	08/26/22 07:54	08/30/22 21:13	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	☼	08/26/22 07:54	08/30/22 21:13	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220917-1

**Client Sample ID: ROW-206(10-15)-081522**

**Lab Sample ID: 500-220917-19**

**Date Collected: 08/15/22 11:10**

**Matrix: Solid**

**Date Received: 08/16/22 11:50**

**Percent Solids: 85.9**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.085	mg/Kg	✳	08/26/22 07:54	08/30/22 21:13	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	✳	08/26/22 07:54	08/30/22 21:13	1
2,4-Dichlorophenol	<0.37		0.37	0.088	mg/Kg	✳	08/26/22 07:54	08/30/22 21:13	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	✳	08/26/22 07:54	08/30/22 21:13	1
2,4-Dinitrophenol	<0.75		0.75	0.65	mg/Kg	✳	08/26/22 07:54	08/30/22 21:13	1
2,4-Dinitrotoluene	<0.19		0.19	0.059	mg/Kg	✳	08/26/22 07:54	08/30/22 21:13	1
2,6-Dinitrotoluene	<0.19		0.19	0.073	mg/Kg	✳	08/26/22 07:54	08/30/22 21:13	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	✳	08/26/22 07:54	08/30/22 21:13	1
2-Chlorophenol	<0.19	+	0.19	0.063	mg/Kg	✳	08/26/22 07:54	08/30/22 21:13	1
2-Methylnaphthalene	<0.075		0.075	0.0068	mg/Kg	✳	08/26/22 07:54	08/30/22 21:13	1
2-Methylphenol	<0.19		0.19	0.059	mg/Kg	✳	08/26/22 07:54	08/30/22 21:13	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	✳	08/26/22 07:54	08/30/22 21:13	1
2-Nitrophenol	<0.37		0.37	0.088	mg/Kg	✳	08/26/22 07:54	08/30/22 21:13	1
3 & 4 Methylphenol	<0.19		0.19	0.062	mg/Kg	✳	08/26/22 07:54	08/30/22 21:13	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.052	mg/Kg	✳	08/26/22 07:54	08/30/22 21:13	1
3-Nitroaniline	<0.37		0.37	0.11	mg/Kg	✳	08/26/22 07:54	08/30/22 21:13	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.30	mg/Kg	✳	08/26/22 07:54	08/30/22 21:13	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	✳	08/26/22 07:54	08/30/22 21:13	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	✳	08/26/22 07:54	08/30/22 21:13	1
4-Chloroaniline	<0.75		0.75	0.17	mg/Kg	✳	08/26/22 07:54	08/30/22 21:13	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.043	mg/Kg	✳	08/26/22 07:54	08/30/22 21:13	1
4-Nitroaniline	<0.37		0.37	0.15	mg/Kg	✳	08/26/22 07:54	08/30/22 21:13	1
4-Nitrophenol	<0.75		0.75	0.35	mg/Kg	✳	08/26/22 07:54	08/30/22 21:13	1
Acenaphthene	<0.037		0.037	0.0067	mg/Kg	✳	08/26/22 07:54	08/30/22 21:13	1
Acenaphthylene	<0.037		0.037	0.0049	mg/Kg	✳	08/26/22 07:54	08/30/22 21:13	1
Anthracene	<0.037		0.037	0.0062	mg/Kg	✳	08/26/22 07:54	08/30/22 21:13	1
Benzo[a]anthracene	<0.037		0.037	0.0050	mg/Kg	✳	08/26/22 07:54	08/30/22 21:13	1
Benzo[a]pyrene	<0.037		0.037	0.0072	mg/Kg	✳	08/26/22 07:54	08/30/22 21:13	1
Benzo[b]fluoranthene	<0.037		0.037	0.0080	mg/Kg	✳	08/26/22 07:54	08/30/22 21:13	1
Benzo[g,h,i]perylene	<0.037		0.037	0.012	mg/Kg	✳	08/26/22 07:54	08/30/22 21:13	1
Benzo[k]fluoranthene	<0.037		0.037	0.011	mg/Kg	✳	08/26/22 07:54	08/30/22 21:13	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	✳	08/26/22 07:54	08/30/22 21:13	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	✳	08/26/22 07:54	08/30/22 21:13	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.068	mg/Kg	✳	08/26/22 07:54	08/30/22 21:13	1
Butyl benzyl phthalate	<0.19		0.19	0.070	mg/Kg	✳	08/26/22 07:54	08/30/22 21:13	1
Carbazole	<0.19		0.19	0.093	mg/Kg	✳	08/26/22 07:54	08/30/22 21:13	1
Chrysene	<0.037		0.037	0.010	mg/Kg	✳	08/26/22 07:54	08/30/22 21:13	1
Dibenz(a,h)anthracene	<0.037		0.037	0.0072	mg/Kg	✳	08/26/22 07:54	08/30/22 21:13	1
Dibenzofuran	<0.19		0.19	0.043	mg/Kg	✳	08/26/22 07:54	08/30/22 21:13	1
Diethyl phthalate	<0.19		0.19	0.063	mg/Kg	✳	08/26/22 07:54	08/30/22 21:13	1
Dimethyl phthalate	<0.19		0.19	0.048	mg/Kg	✳	08/26/22 07:54	08/30/22 21:13	1
Di-n-butyl phthalate	<0.19		0.19	0.056	mg/Kg	✳	08/26/22 07:54	08/30/22 21:13	1
Di-n-octyl phthalate	<0.19		0.19	0.060	mg/Kg	✳	08/26/22 07:54	08/30/22 21:13	1
Fluoranthene	<0.037		0.037	0.0069	mg/Kg	✳	08/26/22 07:54	08/30/22 21:13	1
Fluorene	<0.037		0.037	0.0052	mg/Kg	✳	08/26/22 07:54	08/30/22 21:13	1
Hexachlorobenzene	<0.075		0.075	0.0086	mg/Kg	✳	08/26/22 07:54	08/30/22 21:13	1
Hexachlorobutadiene	<0.19		0.19	0.058	mg/Kg	✳	08/26/22 07:54	08/30/22 21:13	1
Hexachlorocyclopentadiene	<0.75		0.75	0.21	mg/Kg	✳	08/26/22 07:54	08/30/22 21:13	1
Hexachloroethane	<0.19		0.19	0.056	mg/Kg	✳	08/26/22 07:54	08/30/22 21:13	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220917-1

**Client Sample ID: ROW-206(10-15)-081522**

**Lab Sample ID: 500-220917-19**

**Date Collected: 08/15/22 11:10**

**Matrix: Solid**

**Date Received: 08/16/22 11:50**

**Percent Solids: 85.9**

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.037		0.037	0.0096	mg/Kg	☼	08/26/22 07:54	08/30/22 21:13	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	08/26/22 07:54	08/30/22 21:13	1
Naphthalene	<0.037		0.037	0.0057	mg/Kg	☼	08/26/22 07:54	08/30/22 21:13	1
Nitrobenzene	<0.037		0.037	0.0092	mg/Kg	☼	08/26/22 07:54	08/30/22 21:13	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.045	mg/Kg	☼	08/26/22 07:54	08/30/22 21:13	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☼	08/26/22 07:54	08/30/22 21:13	1
Pentachlorophenol	<0.75		0.75	0.59	mg/Kg	☼	08/26/22 07:54	08/30/22 21:13	1
Phenanthrene	<0.037		0.037	0.0052	mg/Kg	☼	08/26/22 07:54	08/30/22 21:13	1
Phenol	<0.19	*+	0.19	0.082	mg/Kg	☼	08/26/22 07:54	08/30/22 21:13	1
Pyrene	<0.037		0.037	0.0074	mg/Kg	☼	08/26/22 07:54	08/30/22 21:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	63		31 - 143	08/26/22 07:54	08/30/22 21:13	1
2-Fluorobiphenyl (Surr)	70		43 - 145	08/26/22 07:54	08/30/22 21:13	1
2-Fluorophenol (Surr)	102		31 - 166	08/26/22 07:54	08/30/22 21:13	1
Nitrobenzene-d5 (Surr)	57		37 - 147	08/26/22 07:54	08/30/22 21:13	1
Phenol-d5 (Surr)	63		30 - 153	08/26/22 07:54	08/30/22 21:13	1
Terphenyl-d14 (Surr)	113		42 - 157	08/26/22 07:54	08/30/22 21:13	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		08/19/22 16:54	08/22/22 13:52	1
<b>Barium</b>	<b>0.51</b>		0.50	0.050	mg/L		08/19/22 16:54	08/22/22 13:52	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		08/19/22 16:54	08/22/22 13:52	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		08/19/22 16:54	08/22/22 13:52	1
Chromium	<0.025		0.025	0.010	mg/L		08/19/22 16:54	08/22/22 13:52	1
<b>Cobalt</b>	<b>0.034</b>		0.025	0.010	mg/L		08/19/22 16:54	08/22/22 13:52	1
Copper	<0.025		0.025	0.010	mg/L		08/19/22 16:54	08/22/22 13:52	1
<b>Iron</b>	<b>0.20</b>	J	0.40	0.20	mg/L		08/19/22 16:54	08/22/22 13:52	1
<b>Lead</b>	<b>0.0083</b>		0.0075	0.0075	mg/L		08/19/22 16:54	08/22/22 13:52	1
<b>Manganese</b>	<b>11</b>		0.025	0.010	mg/L		08/19/22 16:54	08/22/22 13:52	1
<b>Nickel</b>	<b>0.040</b>		0.025	0.010	mg/L		08/19/22 16:54	08/22/22 13:52	1
Selenium	<0.050		0.050	0.020	mg/L		08/19/22 16:54	08/22/22 13:52	1
Silver	<0.025		0.025	0.010	mg/L		08/19/22 16:54	08/22/22 13:52	1
Zinc	<0.50		0.50	0.020	mg/L		08/19/22 16:54	08/22/22 13:52	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.10</b>		0.050	0.010	mg/L		08/19/22 16:56	08/22/22 15:14	1
<b>Barium</b>	<b>0.41</b>	J	0.50	0.050	mg/L		08/19/22 16:56	08/22/22 15:14	1
<b>Beryllium</b>	<b>0.0085</b>		0.0040	0.0040	mg/L		08/19/22 16:56	08/22/22 15:14	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		08/19/22 16:56	08/22/22 15:14	1
<b>Chromium</b>	<b>0.15</b>		0.025	0.010	mg/L		08/19/22 16:56	08/22/22 15:14	1
<b>Cobalt</b>	<b>0.058</b>		0.025	0.010	mg/L		08/19/22 16:56	08/22/22 15:14	1
<b>Copper</b>	<b>0.21</b>		0.025	0.010	mg/L		08/19/22 16:56	08/22/22 15:14	1
<b>Iron</b>	<b>200</b>		0.40	0.20	mg/L		08/19/22 16:56	08/22/22 15:14	1
<b>Lead</b>	<b>0.088</b>		0.0075	0.0075	mg/L		08/19/22 16:56	08/22/22 15:14	1
<b>Manganese</b>	<b>0.88</b>		0.025	0.010	mg/L		08/19/22 16:56	08/22/22 15:14	1
<b>Nickel</b>	<b>0.21</b>		0.025	0.010	mg/L		08/19/22 16:56	08/22/22 15:14	1
Selenium	<0.050		0.050	0.020	mg/L		08/19/22 16:56	08/22/22 15:14	1

Eurofins Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220917-1

**Client Sample ID: ROW-206(10-15)-081522**

**Lab Sample ID: 500-220917-19**

Date Collected: 08/15/22 11:10

Matrix: Solid

Date Received: 08/16/22 11:50

Percent Solids: 85.9

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		08/19/22 16:56	08/22/22 15:14	1
<b>Zinc</b>	<b>0.50</b>		0.50	0.020	mg/L		08/19/22 16:56	08/22/22 15:14	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>9000</b>		11	4.7	mg/Kg	☆	08/19/22 08:46	08/22/22 20:22	1
<b>Antimony</b>	<b>0.36</b>	<b>J</b>	1.1	0.22	mg/Kg	☆	08/19/22 08:46	08/22/22 20:22	1
<b>Arsenic</b>	<b>8.2</b>		0.57	0.20	mg/Kg	☆	08/19/22 08:46	08/22/22 20:22	1
<b>Barium</b>	<b>39</b>		0.57	0.066	mg/Kg	☆	08/19/22 08:46	08/22/22 20:22	1
<b>Beryllium</b>	<b>0.70</b>		0.23	0.054	mg/Kg	☆	08/19/22 08:46	08/22/22 20:22	1
Cadmium	<0.11		0.11	0.021	mg/Kg	☆	08/19/22 08:46	08/22/22 20:22	1
<b>Calcium</b>	<b>59000</b>	<b>B</b>	57	9.7	mg/Kg	☆	08/19/22 08:46	08/23/22 12:52	5
<b>Chromium</b>	<b>15</b>		0.57	0.28	mg/Kg	☆	08/19/22 08:46	08/22/22 20:22	1
<b>Cobalt</b>	<b>13</b>		0.29	0.075	mg/Kg	☆	08/19/22 08:46	08/22/22 20:22	1
<b>Copper</b>	<b>21</b>		0.57	0.16	mg/Kg	☆	08/19/22 08:46	08/22/22 20:22	1
<b>Iron</b>	<b>19000</b>	<b>B</b>	11	6.0	mg/Kg	☆	08/19/22 08:46	08/22/22 20:22	1
<b>Lead</b>	<b>14</b>		0.29	0.13	mg/Kg	☆	08/19/22 08:46	08/22/22 20:22	1
<b>Magnesium</b>	<b>25000</b>	<b>B</b>	5.7	2.9	mg/Kg	☆	08/19/22 08:46	08/22/22 20:22	1
<b>Manganese</b>	<b>340</b>		0.57	0.083	mg/Kg	☆	08/19/22 08:46	08/22/22 20:22	1
<b>Nickel</b>	<b>29</b>		0.57	0.17	mg/Kg	☆	08/19/22 08:46	08/22/22 20:22	1
<b>Potassium</b>	<b>1900</b>		29	10	mg/Kg	☆	08/19/22 08:46	08/22/22 20:22	1
Selenium	<0.57		0.57	0.34	mg/Kg	☆	08/19/22 08:46	08/22/22 20:22	1
<b>Silver</b>	<b>0.26</b>	<b>J</b>	0.29	0.074	mg/Kg	☆	08/19/22 08:46	08/22/22 20:22	1
<b>Sodium</b>	<b>580</b>		57	8.5	mg/Kg	☆	08/19/22 08:46	08/22/22 20:22	1
<b>Thallium</b>	<b>0.47</b>	<b>J</b>	0.57	0.29	mg/Kg	☆	08/19/22 08:46	08/22/22 20:22	1
<b>Vanadium</b>	<b>18</b>		0.29	0.068	mg/Kg	☆	08/19/22 08:46	08/22/22 20:22	1
<b>Zinc</b>	<b>59</b>		1.1	0.50	mg/Kg	☆	08/19/22 08:46	08/22/22 20:22	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		08/19/22 14:40	08/22/22 10:25	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		08/19/22 14:40	08/22/22 11:37	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.060</b>		0.019	0.0063	mg/Kg	☆	08/19/22 14:00	08/22/22 08:34	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>7.8</b>		0.2	0.2	SU			08/19/22 18:42	1

# Definitions/Glossary

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220917-1

## 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
*+	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.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.

### Metals

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
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

# Definitions/Glossary

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-220917-1

## 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

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# Chain of Custody Record

538742



Environment Testing  
TestAmerica

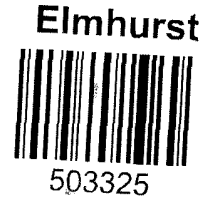
TAL-8210

Address \_\_\_\_\_

Regulatory Program:  DW  NPDES  RCRA  Other

<b>Client Contact</b>		<b>Project Manager</b> <i>A. Slezacek</i>		<b>Site Contact</b> <i>C. Pura</i>		<b>Date</b>		<b>COC No</b>	
Company Name <i>Weston Solutions</i>		Tel/Email		Lab Contact: <i>R. Wyrat</i>		Carrier		1 of 4 COCs	
Address <i>300 Langels Road PCWY</i>		<b>Analysis Turnaround Time</b> <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____ <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day							
City/State/Zip <i>Lincolnshire IL</i>									
Phone									
Fax									
Project Name <i>2209-01</i>									
Site <i>2-80</i>		Sample Date    Sample Time    Sample Type (C=Comp, G=Grab)    Matrix    # of Cont.		Filtered Sample (Y/N) Perform MS / MSD (Y/N) VOCs SVOCs Total Metals TCLP/SERP metals pH		Job / SDG No 500-220917			
P O #									
500-220917 COC									
Sample Identification									
Sample Specific Notes									

	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	VOCs	SVOCs	Total Metals	TCLP/SERP metals	pH
1	ROW-201(0-5)-081522	8/15/22	0900	G	S	S		X	X	X	X	X
2	ROW-201(5-10)-081522		0905									
3	ROW-201(10-15)-081522		0910									
4	ROW-202(0-5)-081522		0920									
5	ROW-202(5-10)-081522		0925									
6	ROW-202(10-15)-081522		0930									
7	ROW-203(0-5)-081522		0940									
8	ROW-203(5-10)-081522		0945									
9	ROW-203(10-15)-081522		0950									
10	ROW-204(0-5)-081522		1000									
11	ROW-204(0-5)-081522		1000									
12	ROW-204(5-10)-081522		1005									



Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

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:

*4.8 → 28, 5.2 → 3.2, 4.3 → 2.3*

Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No	Cooler Temp (°C) Obs'd	Corr'd	Therm ID No
Relinquished by: <i>[Signature]</i>	Company: <i>WS</i>	Date/Time: <i>8/16/22 0950</i>	Received by: <i>[Signature]</i>	Company: <i>ETPA</i>
Relinquished by: <i>[Signature]</i>	Company: <i>ETPA</i>	Date/Time: <i>8/16/22</i>	Received by: <i>[Signature]</i>	Company: <i>ETPA</i>
Relinquished by: <i>[Signature]</i>	Company: <i>ETPA</i>	Date/Time: <i>1150</i>	Received in Laboratory by: <i>[Signature]</i>	Company: <i>ETPA</i>

# Chain of Custody Record

538741



Environment Testing  
TestAmerica

TAL-8210

Address \_\_\_\_\_

Regulatory Program:  DW  NPDES  RCRA  Other

Client Contact		Project Manager: <u>A Stesors</u>		Site Contact: <u>L. Pan</u>		Date:		COC No:	
Company Name: <u>Western Selections</u>		Tel/Email:		Lab Contact: <u>W. Rat</u>		Carrier:		of <u>4</u> COCs	
Address: <u>300 Knipstler Eye Pkwy</u>		Analysis Turnaround Time		Filtered Sample (Y/N) Perform MS / MSD (Y/N) <u>VOCs</u> <u>SUOCs</u> <u>Trace Metals</u> <u>Trace Organics</u> <u>PH</u>				Sampler:	
City/State/Zip: <u>Greensboro, NC</u>		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS						For Lab Use Only:	
Phone:		TAT if different from Below						Walk-in Client:	
Fax:		<input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day						Lab Sampling:	
Project Name: <u>PAST 019</u>								Job / SDG No:	
Site: <u>P-10</u>								<u>500-220917</u>	
PO#:								Sample Specific Notes	
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.			
13	ROW-204(10-15)-081522	8/15/22	1010	G	S	5			
14	ROW-205(0-5)-081522		1040						
15	ROW-205(5-10)-081522		1045						
16	ROW-205(10-15)-081522		1050						
17	ROW-206(0-5)-081522		1100						
18	ROW-206(5-10)-081522		1105						
19	ROW-206(10-15)-081522		1110						
	ROW-207(0-5)-081522		1120						
	ROW-207(5-10)-081522		1125						
	ROW-207(5-10)-081522D		1125						
	ROW-207(10-15)-081522		1130						
	ROW-208(0-5)-081522		1240						
Preservation Used: 1=Ice, 2=HCl; 3=H2SO4; 4=HNO3; 5=NaOH; 6=Other									
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.							Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		
<input checked="" type="checkbox"/> Non Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown							<input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months		
Special Instructions/QC Requirements & Comments:									
4.8-725, 5.2 → 3.2, 4.3 → 2.3									
Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temp (°C) Obs'd		Corr'd		Therm ID No	
Relinquished by: <u>[Signature]</u>		Company: <u>WS</u>		Date/Time: <u>8/16/22 08:50</u>		Received by: <u>[Signature]</u>		Company: <u>ERTAC</u>	
Re-inquired by: <u>[Signature]</u>		Company: <u>ERTAC</u>		Date/Time: <u>8/16/22</u>		Received by: <u>[Signature]</u>		Company: <u>ERTAC</u>	
Relinquished by: <u>[Signature]</u>		Company: <u>ERTAC</u>		Date/Time: <u>8/16/22 11:50</u>		Received by: <u>[Signature]</u>		Company: <u>ERTAC</u>	





## ANALYTICAL REPORT

Eurofins TestAmerica, Chicago  
2417 Bond Street  
University Park, IL 60484  
Tel: (708)534-5200

Laboratory Job ID: 500-199753-1  
Client Project/Site: IDOT - I-80 - WO 019

**For:**

Weston Solutions, Inc.  
300 Plaza Circle, Suite 202  
Mundelein, Illinois 60060

Attn: Mr. Andris Slesers



Authorized for release by:  
6/7/2021 2:45:08 PM

Richard Wright, Senior Project Manager  
(708)746-0045  
[Richard.Wright@Eurofinset.com](mailto:Richard.Wright@Eurofinset.com)

### LINKS

Review your project  
results through  
**TotalAccess**

Have a Question?



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[www.eurofinsus.com/Env](http://www.eurofinsus.com/Env)

*The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199753-1

**Client Sample ID: ROW-39(0-2)-052621**

**Lab Sample ID: 500-199753-1**

Date Collected: 05/26/21 13:30

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 89.2

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018		0.018	0.0079	mg/Kg	☼	05/27/21 17:55	05/28/21 16:41	1
Benzene	<0.0018		0.0018	0.00046	mg/Kg	☼	05/27/21 17:55	05/28/21 16:41	1
Bromodichloromethane	<0.0018		0.0018	0.00037	mg/Kg	☼	05/27/21 17:55	05/28/21 16:41	1
Bromoform	<0.0018		0.0018	0.00053	mg/Kg	☼	05/27/21 17:55	05/28/21 16:41	1
Bromomethane	<0.0045		0.0045	0.0017	mg/Kg	☼	05/27/21 17:55	05/28/21 16:41	1
Carbon disulfide	<0.0045		0.0045	0.00094	mg/Kg	☼	05/27/21 17:55	05/28/21 16:41	1
Carbon tetrachloride	<0.0018		0.0018	0.00053	mg/Kg	☼	05/27/21 17:55	05/28/21 16:41	1
Chlorobenzene	<0.0018		0.0018	0.00067	mg/Kg	☼	05/27/21 17:55	05/28/21 16:41	1
Chloroethane	<0.0045		0.0045	0.0013	mg/Kg	☼	05/27/21 17:55	05/28/21 16:41	1
Chloroform	<0.0018		0.0018	0.00063	mg/Kg	☼	05/27/21 17:55	05/28/21 16:41	1
Chloromethane	<0.0045		0.0045	0.0018	mg/Kg	☼	05/27/21 17:55	05/28/21 16:41	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00051	mg/Kg	☼	05/27/21 17:55	05/28/21 16:41	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00055	mg/Kg	☼	05/27/21 17:55	05/28/21 16:41	1
Dibromochloromethane	<0.0018		0.0018	0.00059	mg/Kg	☼	05/27/21 17:55	05/28/21 16:41	1
1,1-Dichloroethane	<0.0018		0.0018	0.00062	mg/Kg	☼	05/27/21 17:55	05/28/21 16:41	1
1,2-Dichloroethane	<0.0045		0.0045	0.0014	mg/Kg	☼	05/27/21 17:55	05/28/21 16:41	1
1,1-Dichloroethene	<0.0018		0.0018	0.00062	mg/Kg	☼	05/27/21 17:55	05/28/21 16:41	1
1,2-Dichloropropane	<0.0018		0.0018	0.00047	mg/Kg	☼	05/27/21 17:55	05/28/21 16:41	1
1,3-Dichloropropane, Total	<0.0018		0.0018	0.00064	mg/Kg	☼	05/27/21 17:55	05/28/21 16:41	1
Ethylbenzene	<0.0018		0.0018	0.00087	mg/Kg	☼	05/27/21 17:55	05/28/21 16:41	1
2-Hexanone	<0.0045		0.0045	0.0014	mg/Kg	☼	05/27/21 17:55	05/28/21 16:41	1
Methylene Chloride	<0.0045		0.0045	0.0018	mg/Kg	☼	05/27/21 17:55	05/28/21 16:41	1
Methyl Ethyl Ketone	<0.0045		0.0045	0.0020	mg/Kg	☼	05/27/21 17:55	05/28/21 16:41	1
methyl isobutyl ketone	<0.0045		0.0045	0.0013	mg/Kg	☼	05/27/21 17:55	05/28/21 16:41	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00053	mg/Kg	☼	05/27/21 17:55	05/28/21 16:41	1
Styrene	<0.0018		0.0018	0.00055	mg/Kg	☼	05/27/21 17:55	05/28/21 16:41	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00058	mg/Kg	☼	05/27/21 17:55	05/28/21 16:41	1
Tetrachloroethene	<0.0018		0.0018	0.00062	mg/Kg	☼	05/27/21 17:55	05/28/21 16:41	1
Toluene	<0.0018		0.0018	0.00046	mg/Kg	☼	05/27/21 17:55	05/28/21 16:41	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00080	mg/Kg	☼	05/27/21 17:55	05/28/21 16:41	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00064	mg/Kg	☼	05/27/21 17:55	05/28/21 16:41	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00061	mg/Kg	☼	05/27/21 17:55	05/28/21 16:41	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00078	mg/Kg	☼	05/27/21 17:55	05/28/21 16:41	1
Trichloroethene	<0.0018		0.0018	0.00061	mg/Kg	☼	05/27/21 17:55	05/28/21 16:41	1
Vinyl chloride	<0.0018		0.0018	0.00080	mg/Kg	☼	05/27/21 17:55	05/28/21 16:41	1
Xylenes, Total	<0.0036		0.0036	0.00058	mg/Kg	☼	05/27/21 17:55	05/28/21 16:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		75 - 131	05/27/21 17:55	05/28/21 16:41	1
Dibromofluoromethane	96		75 - 126	05/27/21 17:55	05/28/21 16:41	1
1,2-Dichloroethane-d4 (Surr)	92		70 - 134	05/27/21 17:55	05/28/21 16:41	1
Toluene-d8 (Surr)	96		75 - 124	05/27/21 17:55	05/28/21 16:41	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
1,2-Dichlorobenzene	<0.19		0.19	0.044	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199753-1

**Client Sample ID: ROW-39(0-2)-052621**

**Lab Sample ID: 500-199753-1**

Date Collected: 05/26/21 13:30

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 89.2

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.085	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
2,4-Dichlorophenol	<0.37		0.37	0.088	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
2,4-Dinitrophenol	<0.75		0.75	0.65	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
2,4-Dinitrotoluene	<0.19		0.19	0.059	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
2,6-Dinitrotoluene	<0.19		0.19	0.073	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
2-Chlorophenol	<0.19		0.19	0.063	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
<b>2-Methylnaphthalene</b>	<b>0.0098</b>	<b>J</b>	0.075	0.0068	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
2-Nitrophenol	<0.37		0.37	0.088	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
3 & 4 Methylphenol	<0.19		0.19	0.062	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
3,3'-Dichlorobenzidine	<0.19	*	0.19	0.052	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.30	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
4-Chloroaniline	<0.75		0.75	0.17	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.043	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
4-Nitroaniline	<0.37	*	0.37	0.16	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
4-Nitrophenol	<0.75		0.75	0.35	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
<b>Acenaphthene</b>	<b>0.028</b>	<b>J</b>	0.037	0.0067	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
<b>Acenaphthylene</b>	<b>0.011</b>	<b>J</b>	0.037	0.0049	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
<b>Anthracene</b>	<b>0.070</b>		0.037	0.0062	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
<b>Benzo[a]anthracene</b>	<b>0.29</b>		0.037	0.0050	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
<b>Benzo[a]pyrene</b>	<b>0.31</b>	<b>*3</b>	0.037	0.0072	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
<b>Benzo[b]fluoranthene</b>	<b>0.51</b>	<b>*3</b>	0.037	0.0080	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
<b>Benzo[g,h,i]perylene</b>	<b>0.11</b>	<b>*3</b>	0.037	0.012	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
<b>Benzo[k]fluoranthene</b>	<b>0.16</b>	<b>*3</b>	0.037	0.011	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
<b>Bis(2-ethylhexyl) phthalate</b>	<b>0.28</b>		0.19	0.068	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
Butyl benzyl phthalate	<0.19		0.19	0.071	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
Carbazole	<0.19		0.19	0.093	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
<b>Chrysene</b>	<b>0.30</b>		0.037	0.010	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
<b>Dibenz(a,h)anthracene</b>	<b>0.029</b>	<b>J *3</b>	0.037	0.0072	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
Diethyl phthalate	<0.19		0.19	0.063	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
<b>Fluoranthene</b>	<b>0.66</b>		0.037	0.0069	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
<b>Fluorene</b>	<b>0.025</b>	<b>J</b>	0.037	0.0052	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
Hexachlorobenzene	<0.075		0.075	0.0086	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
Hexachlorobutadiene	<0.19		0.19	0.058	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
Hexachlorocyclopentadiene	<0.75		0.75	0.21	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
Hexachloroethane	<0.19		0.19	0.056	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199753-1

**Client Sample ID: ROW-39(0-2)-052621**

**Lab Sample ID: 500-199753-1**

Date Collected: 05/26/21 13:30

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 89.2

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.087</b>	<b>*3</b>	0.037	0.0096	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
<b>Naphthalene</b>	<b>0.042</b>		0.037	0.0057	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
Nitrobenzene	<0.037		0.037	0.0093	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.045	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
Pentachlorophenol	<0.75		0.75	0.60	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
<b>Phenanthrene</b>	<b>0.33</b>		0.037	0.0052	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
Phenol	<0.19		0.19	0.083	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
<b>Pyrene</b>	<b>0.73</b>		0.037	0.0074	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	76		31 - 143	06/02/21 17:25	06/03/21 14:06	1
2-Fluorobiphenyl	88		43 - 145	06/02/21 17:25	06/03/21 14:06	1
2-Fluorophenol	86		31 - 166	06/02/21 17:25	06/03/21 14:06	1
Nitrobenzene-d5	76		37 - 147	06/02/21 17:25	06/03/21 14:06	1
Phenol-d5	86		30 - 153	06/02/21 17:25	06/03/21 14:06	1
Terphenyl-d14	144		42 - 157	06/02/21 17:25	06/03/21 14:06	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/02/21 18:20	06/03/21 10:29	1
<b>Barium</b>	<b>0.66</b>		0.50	0.050	mg/L		06/02/21 18:20	06/03/21 10:29	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/02/21 18:20	06/03/21 10:29	1
<b>Cadmium</b>	<b>0.0020</b>	<b>J</b>	0.0050	0.0020	mg/L		06/02/21 18:20	06/03/21 10:29	1
Chromium	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:29	1
Cobalt	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:29	1
Copper	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:29	1
Iron	<0.40	<b>+</b>	0.40	0.20	mg/L		06/02/21 18:20	06/03/21 10:29	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/02/21 18:20	06/03/21 10:29	1
<b>Manganese</b>	<b>3.0</b>		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:29	1
<b>Nickel</b>	<b>0.012</b>	<b>J</b>	0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:29	1
Selenium	<0.050		0.050	0.020	mg/L		06/02/21 18:20	06/03/21 10:29	1
Silver	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:29	1
<b>Zinc</b>	<b>0.13</b>	<b>J</b>	0.50	0.020	mg/L		06/02/21 18:20	06/03/21 10:29	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.051</b>		0.050	0.010	mg/L		06/03/21 08:08	06/03/21 21:08	1
<b>Barium</b>	<b>0.72</b>		0.50	0.050	mg/L		06/03/21 08:08	06/03/21 21:08	1
<b>Beryllium</b>	<b>0.0066</b>		0.0040	0.0040	mg/L		06/03/21 08:08	06/03/21 21:08	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 08:08	06/03/21 21:08	1
<b>Chromium</b>	<b>0.15</b>		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:08	1
<b>Cobalt</b>	<b>0.036</b>		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:08	1
<b>Copper</b>	<b>0.12</b>		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:08	1
<b>Iron</b>	<b>150</b>		0.40	0.20	mg/L		06/03/21 08:08	06/03/21 21:08	1
<b>Lead</b>	<b>0.11</b>		0.0075	0.0075	mg/L		06/03/21 08:08	06/03/21 21:08	1
<b>Manganese</b>	<b>0.69</b>		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:08	1
<b>Nickel</b>	<b>0.12</b>		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:08	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 08:08	06/03/21 21:08	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199753-1

**Client Sample ID: ROW-39(0-2)-052621**

**Lab Sample ID: 500-199753-1**

Date Collected: 05/26/21 13:30

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 89.2

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:08	1
Zinc	0.49	J	0.50	0.020	mg/L		06/03/21 08:08	06/03/21 21:08	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.89	J F1	1.0	0.20	mg/Kg	☆	06/02/21 08:22	06/02/21 18:32	1
Arsenic	5.1	F1	0.52	0.18	mg/Kg	☆	06/02/21 08:22	06/02/21 18:32	1
Barium	73	F1 F2	0.52	0.060	mg/Kg	☆	06/02/21 08:22	06/02/21 18:32	1
Beryllium	0.54		0.21	0.049	mg/Kg	☆	06/02/21 08:22	06/02/21 18:32	1
Cadmium	0.26		0.10	0.019	mg/Kg	☆	06/02/21 08:22	06/02/21 18:32	1
Calcium	20000	F2 B	10	1.8	mg/Kg	☆	06/02/21 08:22	06/02/21 18:32	1
Chromium	25	F1 F2	0.52	0.26	mg/Kg	☆	06/02/21 08:22	06/02/21 18:32	1
Cobalt	7.1		0.26	0.069	mg/Kg	☆	06/02/21 08:22	06/02/21 18:32	1
Copper	15	F1 F2	0.52	0.15	mg/Kg	☆	06/02/21 08:22	06/02/21 18:32	1
Iron	14000	F2	10	5.5	mg/Kg	☆	06/02/21 08:22	06/02/21 18:32	1
Lead	19	F1 F2	0.26	0.12	mg/Kg	☆	06/02/21 08:22	06/02/21 18:32	1
Magnesium	12000		5.2	2.6	mg/Kg	☆	06/02/21 08:22	06/02/21 18:32	1
Manganese	530	F2 B	0.52	0.076	mg/Kg	☆	06/02/21 08:22	06/02/21 18:32	1
Nickel	16		0.52	0.15	mg/Kg	☆	06/02/21 08:22	06/02/21 18:32	1
Potassium	680	F1	26	9.3	mg/Kg	☆	06/02/21 08:22	06/02/21 18:32	1
Selenium	0.40	J F1	0.52	0.31	mg/Kg	☆	06/02/21 08:22	06/02/21 18:32	1
Silver	0.36		0.26	0.068	mg/Kg	☆	06/02/21 08:22	06/02/21 18:32	1
Sodium	2200	B	52	7.8	mg/Kg	☆	06/02/21 08:22	06/02/21 18:32	1
Thallium	0.89		0.52	0.26	mg/Kg	☆	06/02/21 08:22	06/02/21 18:32	1
Vanadium	23	F1	0.26	0.062	mg/Kg	☆	06/02/21 08:22	06/02/21 18:32	1
Zinc	63	F1	1.0	0.46	mg/Kg	☆	06/02/21 08:22	06/02/21 18:32	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/02/21 15:20	06/03/21 09:33	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/21 10:00	06/04/21 10:43	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.024		0.017	0.0056	mg/Kg	☆	06/02/21 12:50	06/03/21 07:31	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.9		0.2	0.2	SU			06/01/21 14:47	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199753-1

**Client Sample ID: ROW-39(0-2)-052621D**

**Lab Sample ID: 500-199753-2**

**Date Collected: 05/26/21 13:30**

**Matrix: Solid**

**Date Received: 05/26/21 17:18**

**Percent Solids: 85.7**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018		0.018	0.0080	mg/Kg	☆	05/27/21 17:55	05/28/21 17:06	1
Benzene	<0.0018		0.0018	0.00047	mg/Kg	☆	05/27/21 17:55	05/28/21 17:06	1
Bromodichloromethane	<0.0018		0.0018	0.00037	mg/Kg	☆	05/27/21 17:55	05/28/21 17:06	1
Bromoform	<0.0018		0.0018	0.00053	mg/Kg	☆	05/27/21 17:55	05/28/21 17:06	1
Bromomethane	<0.0046		0.0046	0.0017	mg/Kg	☆	05/27/21 17:55	05/28/21 17:06	1
Carbon disulfide	<0.0046		0.0046	0.00095	mg/Kg	☆	05/27/21 17:55	05/28/21 17:06	1
Carbon tetrachloride	<0.0018		0.0018	0.00053	mg/Kg	☆	05/27/21 17:55	05/28/21 17:06	1
Chlorobenzene	<0.0018		0.0018	0.00067	mg/Kg	☆	05/27/21 17:55	05/28/21 17:06	1
Chloroethane	<0.0046		0.0046	0.0014	mg/Kg	☆	05/27/21 17:55	05/28/21 17:06	1
Chloroform	<0.0018		0.0018	0.00063	mg/Kg	☆	05/27/21 17:55	05/28/21 17:06	1
Chloromethane	<0.0046		0.0046	0.0018	mg/Kg	☆	05/27/21 17:55	05/28/21 17:06	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00051	mg/Kg	☆	05/27/21 17:55	05/28/21 17:06	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00055	mg/Kg	☆	05/27/21 17:55	05/28/21 17:06	1
Dibromochloromethane	<0.0018		0.0018	0.00060	mg/Kg	☆	05/27/21 17:55	05/28/21 17:06	1
1,1-Dichloroethane	<0.0018		0.0018	0.00063	mg/Kg	☆	05/27/21 17:55	05/28/21 17:06	1
1,2-Dichloroethane	<0.0046		0.0046	0.0014	mg/Kg	☆	05/27/21 17:55	05/28/21 17:06	1
1,1-Dichloroethene	<0.0018		0.0018	0.00063	mg/Kg	☆	05/27/21 17:55	05/28/21 17:06	1
1,2-Dichloropropane	<0.0018		0.0018	0.00047	mg/Kg	☆	05/27/21 17:55	05/28/21 17:06	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00064	mg/Kg	☆	05/27/21 17:55	05/28/21 17:06	1
Ethylbenzene	<0.0018		0.0018	0.00087	mg/Kg	☆	05/27/21 17:55	05/28/21 17:06	1
2-Hexanone	<0.0046		0.0046	0.0014	mg/Kg	☆	05/27/21 17:55	05/28/21 17:06	1
Methylene Chloride	<0.0046		0.0046	0.0018	mg/Kg	☆	05/27/21 17:55	05/28/21 17:06	1
Methyl Ethyl Ketone	<0.0046		0.0046	0.0020	mg/Kg	☆	05/27/21 17:55	05/28/21 17:06	1
methyl isobutyl ketone	<0.0046		0.0046	0.0014	mg/Kg	☆	05/27/21 17:55	05/28/21 17:06	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00054	mg/Kg	☆	05/27/21 17:55	05/28/21 17:06	1
Styrene	<0.0018		0.0018	0.00055	mg/Kg	☆	05/27/21 17:55	05/28/21 17:06	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00058	mg/Kg	☆	05/27/21 17:55	05/28/21 17:06	1
Tetrachloroethene	<0.0018		0.0018	0.00062	mg/Kg	☆	05/27/21 17:55	05/28/21 17:06	1
Toluene	<0.0018		0.0018	0.00046	mg/Kg	☆	05/27/21 17:55	05/28/21 17:06	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00081	mg/Kg	☆	05/27/21 17:55	05/28/21 17:06	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00064	mg/Kg	☆	05/27/21 17:55	05/28/21 17:06	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00061	mg/Kg	☆	05/27/21 17:55	05/28/21 17:06	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00078	mg/Kg	☆	05/27/21 17:55	05/28/21 17:06	1
Trichloroethene	<0.0018		0.0018	0.00062	mg/Kg	☆	05/27/21 17:55	05/28/21 17:06	1
Vinyl chloride	<0.0018		0.0018	0.00081	mg/Kg	☆	05/27/21 17:55	05/28/21 17:06	1
Xylenes, Total	<0.0037		0.0037	0.00058	mg/Kg	☆	05/27/21 17:55	05/28/21 17:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		75 - 131	05/27/21 17:55	05/28/21 17:06	1
Dibromofluoromethane	97		75 - 126	05/27/21 17:55	05/28/21 17:06	1
1,2-Dichloroethane-d4 (Surr)	95		70 - 134	05/27/21 17:55	05/28/21 17:06	1
Toluene-d8 (Surr)	94		75 - 124	05/27/21 17:55	05/28/21 17:06	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.045	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199753-1

Client Sample ID: ROW-39(0-2)-052621D

Lab Sample ID: 500-199753-2

Date Collected: 05/26/21 13:30

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 85.7

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.088	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
2,4-Dichlorophenol	<0.38		0.38	0.091	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
2,4-Dimethylphenol	<0.38		0.38	0.15	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
2,4-Dinitrophenol	<0.78		0.78	0.68	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
2,4-Dinitrotoluene	<0.19		0.19	0.061	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
2,6-Dinitrotoluene	<0.19		0.19	0.076	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
2-Chloronaphthalene	<0.19		0.19	0.043	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
2-Chlorophenol	<0.19		0.19	0.066	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
2-Methylnaphthalene	<0.078		0.078	0.0071	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
2-Methylphenol	<0.19		0.19	0.062	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
2-Nitroaniline	<0.19		0.19	0.052	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
2-Nitrophenol	<0.38		0.38	0.091	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
3 & 4 Methylphenol	<0.19		0.19	0.064	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
3,3'-Dichlorobenzidine	<0.19	*	0.19	0.054	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
4,6-Dinitro-2-methylphenol	<0.78		0.78	0.31	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.051	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
4-Chloroaniline	<0.78		0.78	0.18	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
4-Nitroaniline	<0.38	*	0.38	0.16	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
4-Nitrophenol	<0.78		0.78	0.37	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Acenaphthene	<0.038		0.038	0.0069	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Acenaphthylene	<0.038		0.038	0.0051	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Anthracene	0.036	J	0.038	0.0064	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Benzo[a]anthracene	0.030	J	0.038	0.0052	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Benzo[a]pyrene	0.044	*3	0.038	0.0074	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Benzo[b]fluoranthene	0.085	*3	0.038	0.0083	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Benzo[g,h,i]perylene	0.043	*3	0.038	0.012	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Benzo[k]fluoranthene	0.029	J *3	0.038	0.011	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.058	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.070	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Butyl benzyl phthalate	<0.19		0.19	0.073	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Carbazole	0.15	J	0.19	0.096	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Chrysene	0.038		0.038	0.010	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Dibenz(a,h)anthracene	<0.038	*3	0.038	0.0074	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Diethyl phthalate	<0.19		0.19	0.065	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Di-n-butyl phthalate	<0.19		0.19	0.059	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Di-n-octyl phthalate	<0.19		0.19	0.063	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Fluoranthene	0.082		0.038	0.0071	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Fluorene	0.031	J	0.038	0.0054	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Hexachlorobenzene	<0.078		0.078	0.0089	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Hexachlorobutadiene	<0.19		0.19	0.060	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Hexachlorocyclopentadiene	<0.78		0.78	0.22	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Hexachloroethane	<0.19		0.19	0.058	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199753-1

Client Sample ID: ROW-39(0-2)-052621D

Lab Sample ID: 500-199753-2

Date Collected: 05/26/21 13:30

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 85.7

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.016	J*3	0.038	0.010	mg/Kg	✳	06/02/21 17:25	06/04/21 01:18	1
Isophorone	<0.19		0.19	0.043	mg/Kg	✳	06/02/21 17:25	06/04/21 01:18	1
Naphthalene	<0.038		0.038	0.0059	mg/Kg	✳	06/02/21 17:25	06/04/21 01:18	1
Nitrobenzene	<0.038		0.038	0.0096	mg/Kg	✳	06/02/21 17:25	06/04/21 01:18	1
N-Nitrosodi-n-propylamine	<0.078		0.078	0.047	mg/Kg	✳	06/02/21 17:25	06/04/21 01:18	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	✳	06/02/21 17:25	06/04/21 01:18	1
Pentachlorophenol	<0.78		0.78	0.62	mg/Kg	✳	06/02/21 17:25	06/04/21 01:18	1
Phenanthrene	0.051		0.038	0.0054	mg/Kg	✳	06/02/21 17:25	06/04/21 01:18	1
Phenol	0.12	J	0.19	0.085	mg/Kg	✳	06/02/21 17:25	06/04/21 01:18	1
Pyrene	0.072		0.038	0.0076	mg/Kg	✳	06/02/21 17:25	06/04/21 01:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	76		31 - 143				06/02/21 17:25	06/04/21 01:18	1
2-Fluorobiphenyl	72		43 - 145				06/02/21 17:25	06/04/21 01:18	1
2-Fluorophenol	107		31 - 166				06/02/21 17:25	06/04/21 01:18	1
Nitrobenzene-d5	70		37 - 147				06/02/21 17:25	06/04/21 01:18	1
Phenol-d5	92		30 - 153				06/02/21 17:25	06/04/21 01:18	1
Terphenyl-d14	145		42 - 157				06/02/21 17:25	06/04/21 01:18	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/02/21 18:20	06/03/21 10:32	1
Barium	0.66		0.50	0.050	mg/L		06/02/21 18:20	06/03/21 10:32	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/02/21 18:20	06/03/21 10:32	1
Cadmium	0.0022	J	0.0050	0.0020	mg/L		06/02/21 18:20	06/03/21 10:32	1
Chromium	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:32	1
Cobalt	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:32	1
Copper	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:32	1
Iron	<0.40	*+	0.40	0.20	mg/L		06/02/21 18:20	06/03/21 10:32	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/02/21 18:20	06/03/21 10:32	1
Manganese	2.1		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:32	1
Nickel	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:32	1
Selenium	<0.050		0.050	0.020	mg/L		06/02/21 18:20	06/03/21 10:32	1
Silver	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:32	1
Zinc	0.063	J	0.50	0.020	mg/L		06/02/21 18:20	06/03/21 10:32	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.050		0.050	0.010	mg/L		06/03/21 08:08	06/03/21 21:11	1
Barium	0.75		0.50	0.050	mg/L		06/03/21 08:08	06/03/21 21:11	1
Beryllium	0.0068		0.0040	0.0040	mg/L		06/03/21 08:08	06/03/21 21:11	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 08:08	06/03/21 21:11	1
Chromium	0.16		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:11	1
Cobalt	0.036		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:11	1
Copper	0.12		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:11	1
Iron	150		0.40	0.20	mg/L		06/03/21 08:08	06/03/21 21:11	1
Lead	0.20		0.0075	0.0075	mg/L		06/03/21 08:08	06/03/21 21:11	1
Manganese	0.64		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:11	1
Nickel	0.12		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:11	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 08:08	06/03/21 21:11	1

Euofins TestAmerica, Chicago



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199753-1

**Client Sample ID: ROW-39(0-2)-052621D**

**Lab Sample ID: 500-199753-2**

Date Collected: 05/26/21 13:30

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 85.7

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:11	1
<b>Zinc</b>	<b>0.50</b>		0.50	0.020	mg/L		06/03/21 08:08	06/03/21 21:11	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Antimony</b>	<b>0.65</b>	<b>J</b>	1.1	0.21	mg/Kg	✧	06/02/21 08:22	06/02/21 18:55	1
<b>Arsenic</b>	<b>5.5</b>		0.55	0.19	mg/Kg	✧	06/02/21 08:22	06/02/21 18:55	1
<b>Barium</b>	<b>80</b>		0.55	0.062	mg/Kg	✧	06/02/21 08:22	06/02/21 18:55	1
<b>Beryllium</b>	<b>0.64</b>		0.22	0.051	mg/Kg	✧	06/02/21 08:22	06/02/21 18:55	1
<b>Cadmium</b>	<b>0.30</b>		0.11	0.020	mg/Kg	✧	06/02/21 08:22	06/02/21 18:55	1
<b>Calcium</b>	<b>20000</b>	<b>B</b>	11	1.9	mg/Kg	✧	06/02/21 08:22	06/02/21 18:55	1
<b>Chromium</b>	<b>18</b>		0.55	0.27	mg/Kg	✧	06/02/21 08:22	06/02/21 18:55	1
<b>Cobalt</b>	<b>8.4</b>		0.27	0.072	mg/Kg	✧	06/02/21 08:22	06/02/21 18:55	1
<b>Copper</b>	<b>17</b>		0.55	0.15	mg/Kg	✧	06/02/21 08:22	06/02/21 18:55	1
<b>Iron</b>	<b>14000</b>		11	5.7	mg/Kg	✧	06/02/21 08:22	06/02/21 18:55	1
<b>Lead</b>	<b>42</b>		0.27	0.13	mg/Kg	✧	06/02/21 08:22	06/02/21 18:55	1
<b>Magnesium</b>	<b>12000</b>		5.5	2.7	mg/Kg	✧	06/02/21 08:22	06/02/21 18:55	1
<b>Manganese</b>	<b>400</b>	<b>B</b>	0.55	0.079	mg/Kg	✧	06/02/21 08:22	06/02/21 18:55	1
<b>Nickel</b>	<b>18</b>		0.55	0.16	mg/Kg	✧	06/02/21 08:22	06/02/21 18:55	1
<b>Potassium</b>	<b>1100</b>		27	9.7	mg/Kg	✧	06/02/21 08:22	06/02/21 18:55	1
Selenium	<0.55		0.55	0.32	mg/Kg	✧	06/02/21 08:22	06/02/21 18:55	1
<b>Silver</b>	<b>0.49</b>		0.27	0.070	mg/Kg	✧	06/02/21 08:22	06/02/21 18:55	1
<b>Sodium</b>	<b>2600</b>	<b>B</b>	55	8.1	mg/Kg	✧	06/02/21 08:22	06/02/21 18:55	1
<b>Thallium</b>	<b>0.59</b>		0.55	0.27	mg/Kg	✧	06/02/21 08:22	06/02/21 18:55	1
<b>Vanadium</b>	<b>25</b>		0.27	0.064	mg/Kg	✧	06/02/21 08:22	06/02/21 18:55	1
<b>Zinc</b>	<b>69</b>		1.1	0.48	mg/Kg	✧	06/02/21 08:22	06/02/21 18:55	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/02/21 15:20	06/03/21 09:35	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/21 10:00	06/04/21 10:45	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.038</b>		0.019	0.0062	mg/Kg	✧	06/02/21 12:50	06/03/21 07:38	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.3</b>		0.2	0.2	SU			06/01/21 14:49	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199753-1

**Client Sample ID: ROW-41(0-2)-052621**

**Lab Sample ID: 500-199753-3**

Date Collected: 05/26/21 13:50

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 87.5

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015		0.015	0.0067	mg/Kg	✳	05/27/21 17:55	05/28/21 17:31	1
Benzene	<0.0015		0.0015	0.00039	mg/Kg	✳	05/27/21 17:55	05/28/21 17:31	1
Bromodichloromethane	<0.0015		0.0015	0.00031	mg/Kg	✳	05/27/21 17:55	05/28/21 17:31	1
Bromoform	<0.0015		0.0015	0.00045	mg/Kg	✳	05/27/21 17:55	05/28/21 17:31	1
Bromomethane	<0.0038		0.0038	0.0015	mg/Kg	✳	05/27/21 17:55	05/28/21 17:31	1
Carbon disulfide	<0.0038		0.0038	0.00080	mg/Kg	✳	05/27/21 17:55	05/28/21 17:31	1
Carbon tetrachloride	<0.0015		0.0015	0.00045	mg/Kg	✳	05/27/21 17:55	05/28/21 17:31	1
Chlorobenzene	<0.0015		0.0015	0.00057	mg/Kg	✳	05/27/21 17:55	05/28/21 17:31	1
Chloroethane	<0.0038		0.0038	0.0011	mg/Kg	✳	05/27/21 17:55	05/28/21 17:31	1
Chloroform	<0.0015		0.0015	0.00053	mg/Kg	✳	05/27/21 17:55	05/28/21 17:31	1
Chloromethane	<0.0038		0.0038	0.0015	mg/Kg	✳	05/27/21 17:55	05/28/21 17:31	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00043	mg/Kg	✳	05/27/21 17:55	05/28/21 17:31	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00046	mg/Kg	✳	05/27/21 17:55	05/28/21 17:31	1
Dibromochloromethane	<0.0015		0.0015	0.00050	mg/Kg	✳	05/27/21 17:55	05/28/21 17:31	1
1,1-Dichloroethane	<0.0015		0.0015	0.00053	mg/Kg	✳	05/27/21 17:55	05/28/21 17:31	1
1,2-Dichloroethane	<0.0038		0.0038	0.0012	mg/Kg	✳	05/27/21 17:55	05/28/21 17:31	1
1,1-Dichloroethene	<0.0015		0.0015	0.00053	mg/Kg	✳	05/27/21 17:55	05/28/21 17:31	1
1,2-Dichloropropane	<0.0015		0.0015	0.00040	mg/Kg	✳	05/27/21 17:55	05/28/21 17:31	1
1,3-Dichloropropene, Total	<0.0015		0.0015	0.00054	mg/Kg	✳	05/27/21 17:55	05/28/21 17:31	1
Ethylbenzene	<0.0015		0.0015	0.00074	mg/Kg	✳	05/27/21 17:55	05/28/21 17:31	1
2-Hexanone	<0.0038		0.0038	0.0012	mg/Kg	✳	05/27/21 17:55	05/28/21 17:31	1
Methylene Chloride	<0.0038		0.0038	0.0015	mg/Kg	✳	05/27/21 17:55	05/28/21 17:31	1
Methyl Ethyl Ketone	<0.0038		0.0038	0.0017	mg/Kg	✳	05/27/21 17:55	05/28/21 17:31	1
methyl isobutyl ketone	<0.0038		0.0038	0.0011	mg/Kg	✳	05/27/21 17:55	05/28/21 17:31	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00045	mg/Kg	✳	05/27/21 17:55	05/28/21 17:31	1
Styrene	<0.0015		0.0015	0.00046	mg/Kg	✳	05/27/21 17:55	05/28/21 17:31	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00049	mg/Kg	✳	05/27/21 17:55	05/28/21 17:31	1
Tetrachloroethene	<0.0015		0.0015	0.00052	mg/Kg	✳	05/27/21 17:55	05/28/21 17:31	1
Toluene	<0.0015		0.0015	0.00039	mg/Kg	✳	05/27/21 17:55	05/28/21 17:31	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00068	mg/Kg	✳	05/27/21 17:55	05/28/21 17:31	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00054	mg/Kg	✳	05/27/21 17:55	05/28/21 17:31	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00052	mg/Kg	✳	05/27/21 17:55	05/28/21 17:31	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00066	mg/Kg	✳	05/27/21 17:55	05/28/21 17:31	1
Trichloroethene	<0.0015		0.0015	0.00052	mg/Kg	✳	05/27/21 17:55	05/28/21 17:31	1
Vinyl chloride	<0.0015		0.0015	0.00068	mg/Kg	✳	05/27/21 17:55	05/28/21 17:31	1
Xylenes, Total	<0.0031		0.0031	0.00049	mg/Kg	✳	05/27/21 17:55	05/28/21 17:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		75 - 131	05/27/21 17:55	05/28/21 17:31	1
Dibromofluoromethane	94		75 - 126	05/27/21 17:55	05/28/21 17:31	1
1,2-Dichloroethane-d4 (Surr)	90		70 - 134	05/27/21 17:55	05/28/21 17:31	1
Toluene-d8 (Surr)	98		75 - 124	05/27/21 17:55	05/28/21 17:31	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	✳	06/02/21 17:25	06/04/21 00:53	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	✳	06/02/21 17:25	06/04/21 00:53	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	✳	06/02/21 17:25	06/04/21 00:53	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	✳	06/02/21 17:25	06/04/21 00:53	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	✳	06/02/21 17:25	06/04/21 00:53	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199753-1

Client Sample ID: ROW-41(0-2)-052621

Lab Sample ID: 500-199753-3

Date Collected: 05/26/21 13:50

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 87.5

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.086	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
2,4-Dichlorophenol	<0.37		0.37	0.090	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
2,4-Dinitrophenol	<0.76		0.76	0.66	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
2,4-Dinitrotoluene	<0.19		0.19	0.060	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
2,6-Dinitrotoluene	<0.19		0.19	0.074	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
2-Chlorophenol	<0.19		0.19	0.064	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
2-Methylnaphthalene	<0.076		0.076	0.0069	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
2-Methylphenol	<0.19		0.19	0.061	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
2-Nitrophenol	<0.37		0.37	0.089	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
3 & 4 Methylphenol	<0.19		0.19	0.063	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
3,3'-Dichlorobenzidine	<0.19	*	0.19	0.053	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.30	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
4-Chloroaniline	<0.76		0.76	0.18	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
4-Nitroaniline	<0.37	*	0.37	0.16	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
4-Nitrophenol	<0.76		0.76	0.36	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
Acenaphthene	<0.037		0.037	0.0068	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
<b>Acenaphthylene</b>	<b>0.0051</b>	<b>J</b>	0.037	0.0050	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
<b>Anthracene</b>	<b>0.039</b>		0.037	0.0063	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
<b>Benzo[a]anthracene</b>	<b>0.054</b>		0.037	0.0051	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
<b>Benzo[a]pyrene</b>	<b>0.087</b>	<b>*3</b>	0.037	0.0073	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
<b>Benzo[b]fluoranthene</b>	<b>0.14</b>	<b>*3</b>	0.037	0.0081	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
<b>Benzo[g,h,i]perylene</b>	<b>0.052</b>	<b>*3</b>	0.037	0.012	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
<b>Benzo[k]fluoranthene</b>	<b>0.046</b>	<b>*3</b>	0.037	0.011	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.057	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.069	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
Butyl benzyl phthalate	<0.19		0.19	0.072	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
<b>Carbazole</b>	<b>0.15</b>	<b>J</b>	0.19	0.094	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
<b>Chrysene</b>	<b>0.065</b>		0.037	0.010	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
Dibenz(a,h)anthracene	<0.037	*3	0.037	0.0073	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
Diethyl phthalate	<0.19		0.19	0.064	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
Di-n-octyl phthalate	<0.19		0.19	0.062	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
<b>Fluoranthene</b>	<b>0.11</b>		0.037	0.0070	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
<b>Fluorene</b>	<b>0.033</b>	<b>J</b>	0.037	0.0053	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
Hexachlorobenzene	<0.076		0.076	0.0087	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
Hexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
Hexachlorocyclopentadiene	<0.76		0.76	0.22	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
Hexachloroethane	<0.19		0.19	0.057	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1

Euofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199753-1

**Client Sample ID: ROW-41(0-2)-052621**

**Lab Sample ID: 500-199753-3**

**Date Collected: 05/26/21 13:50**

**Matrix: Solid**

**Date Received: 05/26/21 17:18**

**Percent Solids: 87.5**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.028</b>	<b>J *3</b>	0.037	0.0098	mg/Kg	☼	06/02/21 17:25	06/04/21 00:53	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	06/02/21 17:25	06/04/21 00:53	1
<b>Naphthalene</b>	<b>0.0058</b>	<b>J</b>	0.037	0.0058	mg/Kg	☼	06/02/21 17:25	06/04/21 00:53	1
Nitrobenzene	<0.037		0.037	0.0094	mg/Kg	☼	06/02/21 17:25	06/04/21 00:53	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.046	mg/Kg	☼	06/02/21 17:25	06/04/21 00:53	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	☼	06/02/21 17:25	06/04/21 00:53	1
Pentachlorophenol	<0.76		0.76	0.61	mg/Kg	☼	06/02/21 17:25	06/04/21 00:53	1
<b>Phenanthrene</b>	<b>0.074</b>		0.037	0.0053	mg/Kg	☼	06/02/21 17:25	06/04/21 00:53	1
<b>Phenol</b>	<b>0.12</b>	<b>J</b>	0.19	0.084	mg/Kg	☼	06/02/21 17:25	06/04/21 00:53	1
<b>Pyrene</b>	<b>0.12</b>		0.037	0.0075	mg/Kg	☼	06/02/21 17:25	06/04/21 00:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	78		31 - 143				06/02/21 17:25	06/04/21 00:53	1
2-Fluorobiphenyl	73		43 - 145				06/02/21 17:25	06/04/21 00:53	1
2-Fluorophenol	103		31 - 166				06/02/21 17:25	06/04/21 00:53	1
Nitrobenzene-d5	67		37 - 147				06/02/21 17:25	06/04/21 00:53	1
Phenol-d5	91		30 - 153				06/02/21 17:25	06/04/21 00:53	1
Terphenyl-d14	133		42 - 157				06/02/21 17:25	06/04/21 00:53	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/02/21 18:20	06/03/21 10:36	1
<b>Barium</b>	<b>0.65</b>		0.50	0.050	mg/L		06/02/21 18:20	06/03/21 10:36	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/02/21 18:20	06/03/21 10:36	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/02/21 18:20	06/03/21 10:36	1
Chromium	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:36	1
Cobalt	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:36	1
Copper	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:36	1
<b>Iron</b>	<b>0.21</b>	<b>J B *+</b>	0.40	0.20	mg/L		06/02/21 18:20	06/03/21 10:36	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/02/21 18:20	06/03/21 10:36	1
<b>Manganese</b>	<b>2.1</b>		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:36	1
Nickel	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:36	1
Selenium	<0.050		0.050	0.020	mg/L		06/02/21 18:20	06/03/21 10:36	1
Silver	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:36	1
<b>Zinc</b>	<b>0.052</b>	<b>J</b>	0.50	0.020	mg/L		06/02/21 18:20	06/03/21 10:36	1

**Method: 6010B - Metals (ICP) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.054</b>		0.050	0.010	mg/L		06/03/21 08:08	06/03/21 21:14	1
<b>Barium</b>	<b>0.81</b>		0.50	0.050	mg/L		06/03/21 08:08	06/03/21 21:14	1
<b>Beryllium</b>	<b>0.0082</b>		0.0040	0.0040	mg/L		06/03/21 08:08	06/03/21 21:14	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 08:08	06/03/21 21:14	1
<b>Chromium</b>	<b>0.18</b>		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:14	1
<b>Cobalt</b>	<b>0.047</b>		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:14	1
<b>Copper</b>	<b>0.15</b>		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:14	1
<b>Iron</b>	<b>180</b>		0.40	0.20	mg/L		06/03/21 08:08	06/03/21 21:14	1
<b>Lead</b>	<b>0.11</b>		0.0075	0.0075	mg/L		06/03/21 08:08	06/03/21 21:14	1
<b>Manganese</b>	<b>0.79</b>		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:14	1
<b>Nickel</b>	<b>0.15</b>		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:14	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 08:08	06/03/21 21:14	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199753-1

**Client Sample ID: ROW-41(0-2)-052621**

**Lab Sample ID: 500-199753-3**

Date Collected: 05/26/21 13:50

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 87.5

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:14	1
Zinc	0.55		0.50	0.020	mg/L		06/03/21 08:08	06/03/21 21:14	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.64	J	1.1	0.21	mg/Kg	☆	06/02/21 08:22	06/02/21 18:58	1
Arsenic	5.9		0.55	0.19	mg/Kg	☆	06/02/21 08:22	06/02/21 18:58	1
Barium	78		0.55	0.062	mg/Kg	☆	06/02/21 08:22	06/02/21 18:58	1
Beryllium	0.69		0.22	0.051	mg/Kg	☆	06/02/21 08:22	06/02/21 18:58	1
Cadmium	0.31		0.11	0.020	mg/Kg	☆	06/02/21 08:22	06/02/21 18:58	1
Calcium	32000	B	11	1.8	mg/Kg	☆	06/02/21 08:22	06/02/21 18:58	1
Chromium	19		0.55	0.27	mg/Kg	☆	06/02/21 08:22	06/02/21 18:58	1
Cobalt	11		0.27	0.071	mg/Kg	☆	06/02/21 08:22	06/02/21 18:58	1
Copper	17		0.55	0.15	mg/Kg	☆	06/02/21 08:22	06/02/21 18:58	1
Iron	16000		11	5.7	mg/Kg	☆	06/02/21 08:22	06/02/21 18:58	1
Lead	23		0.27	0.13	mg/Kg	☆	06/02/21 08:22	06/02/21 18:58	1
Magnesium	19000		5.5	2.7	mg/Kg	☆	06/02/21 08:22	06/02/21 18:58	1
Manganese	510	B	0.55	0.079	mg/Kg	☆	06/02/21 08:22	06/02/21 18:58	1
Nickel	22		0.55	0.16	mg/Kg	☆	06/02/21 08:22	06/02/21 18:58	1
Potassium	1400		27	9.7	mg/Kg	☆	06/02/21 08:22	06/02/21 18:58	1
Selenium	0.53	J	0.55	0.32	mg/Kg	☆	06/02/21 08:22	06/02/21 18:58	1
Silver	0.43		0.27	0.070	mg/Kg	☆	06/02/21 08:22	06/02/21 18:58	1
Sodium	2300	B	55	8.1	mg/Kg	☆	06/02/21 08:22	06/02/21 18:58	1
Thallium	0.78		0.55	0.27	mg/Kg	☆	06/02/21 08:22	06/02/21 18:58	1
Vanadium	28		0.27	0.064	mg/Kg	☆	06/02/21 08:22	06/02/21 18:58	1
Zinc	93		1.1	0.48	mg/Kg	☆	06/02/21 08:22	06/02/21 18:58	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/02/21 15:20	06/03/21 09:38	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/21 10:00	06/04/21 10:47	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.023		0.017	0.0056	mg/Kg	☆	06/02/21 12:50	06/03/21 07:40	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.5		0.2	0.2	SU			06/01/21 14:50	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199753-1

**Client Sample ID: ROW-43(0-2)-052621**

**Lab Sample ID: 500-199753-4**

Date Collected: 05/26/21 14:05

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 86.6

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0069	mg/Kg	✳	05/27/21 17:55	05/28/21 17:57	1
Benzene	<0.0016		0.0016	0.00040	mg/Kg	✳	05/27/21 17:55	05/28/21 17:57	1
Bromodichloromethane	<0.0016		0.0016	0.00032	mg/Kg	✳	05/27/21 17:55	05/28/21 17:57	1
Bromoform	<0.0016		0.0016	0.00046	mg/Kg	✳	05/27/21 17:55	05/28/21 17:57	1
Bromomethane	<0.0040		0.0040	0.0015	mg/Kg	✳	05/27/21 17:55	05/28/21 17:57	1
Carbon disulfide	<0.0040		0.0040	0.00082	mg/Kg	✳	05/27/21 17:55	05/28/21 17:57	1
Carbon tetrachloride	<0.0016		0.0016	0.00046	mg/Kg	✳	05/27/21 17:55	05/28/21 17:57	1
Chlorobenzene	<0.0016		0.0016	0.00058	mg/Kg	✳	05/27/21 17:55	05/28/21 17:57	1
Chloroethane	<0.0040		0.0040	0.0012	mg/Kg	✳	05/27/21 17:55	05/28/21 17:57	1
Chloroform	<0.0016		0.0016	0.00055	mg/Kg	✳	05/27/21 17:55	05/28/21 17:57	1
Chloromethane	<0.0040		0.0040	0.0016	mg/Kg	✳	05/27/21 17:55	05/28/21 17:57	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00044	mg/Kg	✳	05/27/21 17:55	05/28/21 17:57	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00048	mg/Kg	✳	05/27/21 17:55	05/28/21 17:57	1
Dibromochloromethane	<0.0016		0.0016	0.00052	mg/Kg	✳	05/27/21 17:55	05/28/21 17:57	1
1,1-Dichloroethane	<0.0016		0.0016	0.00054	mg/Kg	✳	05/27/21 17:55	05/28/21 17:57	1
1,2-Dichloroethane	<0.0040		0.0040	0.0012	mg/Kg	✳	05/27/21 17:55	05/28/21 17:57	1
1,1-Dichloroethene	<0.0016		0.0016	0.00054	mg/Kg	✳	05/27/21 17:55	05/28/21 17:57	1
1,2-Dichloropropane	<0.0016		0.0016	0.00041	mg/Kg	✳	05/27/21 17:55	05/28/21 17:57	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00056	mg/Kg	✳	05/27/21 17:55	05/28/21 17:57	1
Ethylbenzene	<0.0016		0.0016	0.00076	mg/Kg	✳	05/27/21 17:55	05/28/21 17:57	1
2-Hexanone	<0.0040		0.0040	0.0012	mg/Kg	✳	05/27/21 17:55	05/28/21 17:57	1
Methylene Chloride	<0.0040		0.0040	0.0016	mg/Kg	✳	05/27/21 17:55	05/28/21 17:57	1
Methyl Ethyl Ketone	<0.0040		0.0040	0.0018	mg/Kg	✳	05/27/21 17:55	05/28/21 17:57	1
methyl isobutyl ketone	<0.0040		0.0040	0.0012	mg/Kg	✳	05/27/21 17:55	05/28/21 17:57	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00046	mg/Kg	✳	05/27/21 17:55	05/28/21 17:57	1
Styrene	<0.0016		0.0016	0.00048	mg/Kg	✳	05/27/21 17:55	05/28/21 17:57	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00051	mg/Kg	✳	05/27/21 17:55	05/28/21 17:57	1
Tetrachloroethene	<0.0016		0.0016	0.00054	mg/Kg	✳	05/27/21 17:55	05/28/21 17:57	1
Toluene	<0.0016		0.0016	0.00040	mg/Kg	✳	05/27/21 17:55	05/28/21 17:57	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00070	mg/Kg	✳	05/27/21 17:55	05/28/21 17:57	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00056	mg/Kg	✳	05/27/21 17:55	05/28/21 17:57	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00053	mg/Kg	✳	05/27/21 17:55	05/28/21 17:57	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00068	mg/Kg	✳	05/27/21 17:55	05/28/21 17:57	1
Trichloroethene	<0.0016		0.0016	0.00054	mg/Kg	✳	05/27/21 17:55	05/28/21 17:57	1
Vinyl chloride	<0.0016		0.0016	0.00070	mg/Kg	✳	05/27/21 17:55	05/28/21 17:57	1
Xylenes, Total	<0.0032		0.0032	0.00051	mg/Kg	✳	05/27/21 17:55	05/28/21 17:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		75 - 131	05/27/21 17:55	05/28/21 17:57	1
Dibromofluoromethane	97		75 - 126	05/27/21 17:55	05/28/21 17:57	1
1,2-Dichloroethane-d4 (Surr)	95		70 - 134	05/27/21 17:55	05/28/21 17:57	1
Toluene-d8 (Surr)	93		75 - 124	05/27/21 17:55	05/28/21 17:57	1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	✳	06/02/21 17:25	06/03/21 23:16	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	✳	06/02/21 17:25	06/03/21 23:16	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	✳	06/02/21 17:25	06/03/21 23:16	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	✳	06/02/21 17:25	06/03/21 23:16	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	✳	06/02/21 17:25	06/03/21 23:16	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199753-1

**Client Sample ID: ROW-43(0-2)-052621**

**Lab Sample ID: 500-199753-4**

Date Collected: 05/26/21 14:05

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 86.6

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.086	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
2,4-Dichlorophenol	<0.38		0.38	0.090	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
2,4-Dimethylphenol	<0.38		0.38	0.14	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
2,4-Dinitrophenol	<0.76	F1	0.76	0.67	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
2,4-Dinitrotoluene	<0.19		0.19	0.060	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
2,6-Dinitrotoluene	<0.19		0.19	0.074	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
2-Chlorophenol	<0.19		0.19	0.065	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
2-Methylnaphthalene	<0.076		0.076	0.0070	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
2-Methylphenol	<0.19		0.19	0.061	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
2-Nitrophenol	<0.38		0.38	0.090	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
3 & 4 Methylphenol	<0.19		0.19	0.063	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
3,3'-Dichlorobenzidine	<0.19	F2 F1 *	0.19	0.053	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.30	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
4-Chloroaniline	<0.76		0.76	0.18	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
4-Nitroaniline	<0.38	*	0.38	0.16	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
4-Nitrophenol	<0.76		0.76	0.36	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
<b>Acenaphthene</b>	<b>0.014</b>	<b>J</b>	0.038	0.0068	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
Acenaphthylene	<0.038		0.038	0.0050	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
<b>Anthracene</b>	<b>0.057</b>		0.038	0.0063	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
<b>Benzo[a]anthracene</b>	<b>0.13</b>		0.038	0.0051	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
<b>Benzo[a]pyrene</b>	<b>0.15</b>		0.038	0.0073	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
<b>Benzo[b]fluoranthene</b>	<b>0.25</b>		0.038	0.0082	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
<b>Benzo[g,h,i]perylene</b>	<b>0.056</b>	<b>F1</b>	0.038	0.012	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
<b>Benzo[k]fluoranthene</b>	<b>0.087</b>		0.038	0.011	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.057	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.069	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
Butyl benzyl phthalate	<0.19		0.19	0.072	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
<b>Carbazole</b>	<b>0.16</b>	<b>J</b>	0.19	0.095	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
<b>Chrysene</b>	<b>0.13</b>		0.038	0.010	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
<b>Dibenz(a,h)anthracene</b>	<b>0.014</b>	<b>J F1</b>	0.038	0.0073	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
Diethyl phthalate	<0.19		0.19	0.064	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
Di-n-butyl phthalate	<0.19		0.19	0.058	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
Di-n-octyl phthalate	<0.19		0.19	0.062	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
<b>Fluoranthene</b>	<b>0.26</b>		0.038	0.0070	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
<b>Fluorene</b>	<b>0.042</b>		0.038	0.0053	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
Hexachlorobenzene	<0.076		0.076	0.0088	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
Hexachlorobutadiene	<0.19		0.19	0.060	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
Hexachlorocyclopentadiene	<0.76	F1	0.76	0.22	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
Hexachloroethane	<0.19	F1	0.19	0.058	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199753-1

**Client Sample ID: ROW-43(0-2)-052621**

**Lab Sample ID: 500-199753-4**

**Date Collected: 05/26/21 14:05**

**Matrix: Solid**

**Date Received: 05/26/21 17:18**

**Percent Solids: 86.6**

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.036</b>	<b>J F1</b>	0.038	0.0098	mg/Kg	☼	06/02/21 17:25	06/03/21 23:16	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	06/02/21 17:25	06/03/21 23:16	1
Naphthalene	<0.038		0.038	0.0058	mg/Kg	☼	06/02/21 17:25	06/03/21 23:16	1
Nitrobenzene	<0.038		0.038	0.0095	mg/Kg	☼	06/02/21 17:25	06/03/21 23:16	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.046	mg/Kg	☼	06/02/21 17:25	06/03/21 23:16	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	☼	06/02/21 17:25	06/03/21 23:16	1
Pentachlorophenol	<0.76		0.76	0.61	mg/Kg	☼	06/02/21 17:25	06/03/21 23:16	1
<b>Phenanthrene</b>	<b>0.15</b>		0.038	0.0053	mg/Kg	☼	06/02/21 17:25	06/03/21 23:16	1
Phenol	<0.19		0.19	0.084	mg/Kg	☼	06/02/21 17:25	06/03/21 23:16	1
<b>Pyrene</b>	<b>0.25</b>		0.038	0.0075	mg/Kg	☼	06/02/21 17:25	06/03/21 23:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	77		31 - 143				06/02/21 17:25	06/03/21 23:16	1
2-Fluorobiphenyl	71		43 - 145				06/02/21 17:25	06/03/21 23:16	1
2-Fluorophenol	103		31 - 166				06/02/21 17:25	06/03/21 23:16	1
Nitrobenzene-d5	66		37 - 147				06/02/21 17:25	06/03/21 23:16	1
Phenol-d5	90		30 - 153				06/02/21 17:25	06/03/21 23:16	1
Terphenyl-d14	106		42 - 157				06/02/21 17:25	06/03/21 23:16	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/02/21 18:20	06/03/21 10:40	1
<b>Barium</b>	<b>0.77</b>		0.50	0.050	mg/L		06/02/21 18:20	06/03/21 10:40	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/02/21 18:20	06/03/21 10:40	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/02/21 18:20	06/03/21 10:40	1
Chromium	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:40	1
Cobalt	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:40	1
Copper	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:40	1
Iron	<0.40	*+	0.40	0.20	mg/L		06/02/21 18:20	06/03/21 10:40	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/02/21 18:20	06/03/21 10:40	1
<b>Manganese</b>	<b>1.9</b>		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:40	1
<b>Nickel</b>	<b>0.016</b>	<b>J</b>	0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:40	1
Selenium	<0.050		0.050	0.020	mg/L		06/02/21 18:20	06/03/21 10:40	1
Silver	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:40	1
Zinc	<0.50		0.50	0.020	mg/L		06/02/21 18:20	06/03/21 10:40	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.084</b>		0.050	0.010	mg/L		06/03/21 08:08	06/03/21 21:17	1
<b>Barium</b>	<b>0.75</b>		0.50	0.050	mg/L		06/03/21 08:08	06/03/21 21:17	1
<b>Beryllium</b>	<b>0.0094</b>		0.0040	0.0040	mg/L		06/03/21 08:08	06/03/21 21:17	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 08:08	06/03/21 21:17	1
<b>Chromium</b>	<b>0.19</b>		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:17	1
<b>Cobalt</b>	<b>0.069</b>		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:17	1
<b>Copper</b>	<b>0.21</b>		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:17	1
<b>Iron</b>	<b>200</b>		0.40	0.20	mg/L		06/03/21 08:08	06/03/21 21:17	1
<b>Lead</b>	<b>0.13</b>		0.0075	0.0075	mg/L		06/03/21 08:08	06/03/21 21:17	1
<b>Manganese</b>	<b>0.98</b>		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:17	1
<b>Nickel</b>	<b>0.22</b>		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:17	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 08:08	06/03/21 21:17	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199753-1

**Client Sample ID: ROW-43(0-2)-052621**

**Lab Sample ID: 500-199753-4**

Date Collected: 05/26/21 14:05

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 86.6

### Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:17	1
<b>Zinc</b>	<b>0.58</b>		0.50	0.020	mg/L		06/03/21 08:08	06/03/21 21:17	1

### Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Antimony</b>	<b>0.56</b>	<b>J</b>	1.1	0.21	mg/Kg	✱	06/02/21 08:22	06/02/21 19:02	1
<b>Arsenic</b>	<b>7.0</b>		0.55	0.19	mg/Kg	✱	06/02/21 08:22	06/02/21 19:02	1
<b>Barium</b>	<b>47</b>		0.55	0.062	mg/Kg	✱	06/02/21 08:22	06/02/21 19:02	1
<b>Beryllium</b>	<b>0.72</b>		0.22	0.051	mg/Kg	✱	06/02/21 08:22	06/02/21 19:02	1
<b>Cadmium</b>	<b>0.21</b>		0.11	0.020	mg/Kg	✱	06/02/21 08:22	06/02/21 19:02	1
<b>Calcium</b>	<b>66000</b>	<b>B</b>	55	9.2	mg/Kg	✱	06/02/21 08:22	06/03/21 14:29	5
<b>Chromium</b>	<b>15</b>		0.55	0.27	mg/Kg	✱	06/02/21 08:22	06/02/21 19:02	1
<b>Cobalt</b>	<b>12</b>		0.27	0.071	mg/Kg	✱	06/02/21 08:22	06/02/21 19:02	1
<b>Copper</b>	<b>21</b>		0.55	0.15	mg/Kg	✱	06/02/21 08:22	06/02/21 19:02	1
<b>Iron</b>	<b>17000</b>		11	5.7	mg/Kg	✱	06/02/21 08:22	06/02/21 19:02	1
<b>Lead</b>	<b>18</b>		0.27	0.13	mg/Kg	✱	06/02/21 08:22	06/02/21 19:02	1
<b>Magnesium</b>	<b>29000</b>		5.5	2.7	mg/Kg	✱	06/02/21 08:22	06/02/21 19:02	1
<b>Manganese</b>	<b>330</b>	<b>B</b>	0.55	0.079	mg/Kg	✱	06/02/21 08:22	06/02/21 19:02	1
<b>Nickel</b>	<b>26</b>		0.55	0.16	mg/Kg	✱	06/02/21 08:22	06/02/21 19:02	1
<b>Potassium</b>	<b>2000</b>		27	9.6	mg/Kg	✱	06/02/21 08:22	06/02/21 19:02	1
Selenium	<0.55		0.55	0.32	mg/Kg	✱	06/02/21 08:22	06/02/21 19:02	1
<b>Silver</b>	<b>0.39</b>		0.27	0.070	mg/Kg	✱	06/02/21 08:22	06/02/21 19:02	1
<b>Sodium</b>	<b>1600</b>	<b>B</b>	55	8.1	mg/Kg	✱	06/02/21 08:22	06/02/21 19:02	1
<b>Thallium</b>	<b>0.34</b>	<b>J</b>	0.55	0.27	mg/Kg	✱	06/02/21 08:22	06/02/21 19:02	1
<b>Vanadium</b>	<b>22</b>		0.27	0.064	mg/Kg	✱	06/02/21 08:22	06/02/21 19:02	1
<b>Zinc</b>	<b>63</b>		1.1	0.48	mg/Kg	✱	06/02/21 08:22	06/02/21 19:02	1

### Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/02/21 15:20	06/03/21 09:40	1

### Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/21 10:00	06/04/21 10:50	1

### Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.022</b>		0.017	0.0057	mg/Kg	✱	06/02/21 12:50	06/03/21 07:42	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.9</b>		0.2	0.2	SU			06/01/21 14:52	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199753-1

**Client Sample ID: ROW-45(0-2)-052621**

**Lab Sample ID: 500-199753-5**

**Date Collected: 05/26/21 14:20**

**Matrix: Solid**

**Date Received: 05/26/21 17:18**

**Percent Solids: 85.0**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018		0.018	0.0079	mg/Kg	☼	05/27/21 17:55	05/28/21 18:22	1
Benzene	<0.0018		0.0018	0.00047	mg/Kg	☼	05/27/21 17:55	05/28/21 18:22	1
Bromodichloromethane	<0.0018		0.0018	0.00037	mg/Kg	☼	05/27/21 17:55	05/28/21 18:22	1
Bromoform	<0.0018		0.0018	0.00053	mg/Kg	☼	05/27/21 17:55	05/28/21 18:22	1
Bromomethane	<0.0046		0.0046	0.0017	mg/Kg	☼	05/27/21 17:55	05/28/21 18:22	1
Carbon disulfide	<0.0046		0.0046	0.00095	mg/Kg	☼	05/27/21 17:55	05/28/21 18:22	1
Carbon tetrachloride	<0.0018		0.0018	0.00053	mg/Kg	☼	05/27/21 17:55	05/28/21 18:22	1
Chlorobenzene	<0.0018		0.0018	0.00067	mg/Kg	☼	05/27/21 17:55	05/28/21 18:22	1
Chloroethane	<0.0046		0.0046	0.0014	mg/Kg	☼	05/27/21 17:55	05/28/21 18:22	1
Chloroform	<0.0018		0.0018	0.00063	mg/Kg	☼	05/27/21 17:55	05/28/21 18:22	1
Chloromethane	<0.0046		0.0046	0.0018	mg/Kg	☼	05/27/21 17:55	05/28/21 18:22	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00051	mg/Kg	☼	05/27/21 17:55	05/28/21 18:22	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00055	mg/Kg	☼	05/27/21 17:55	05/28/21 18:22	1
Dibromochloromethane	<0.0018		0.0018	0.00060	mg/Kg	☼	05/27/21 17:55	05/28/21 18:22	1
1,1-Dichloroethane	<0.0018		0.0018	0.00063	mg/Kg	☼	05/27/21 17:55	05/28/21 18:22	1
1,2-Dichloroethane	<0.0046		0.0046	0.0014	mg/Kg	☼	05/27/21 17:55	05/28/21 18:22	1
1,1-Dichloroethene	<0.0018		0.0018	0.00063	mg/Kg	☼	05/27/21 17:55	05/28/21 18:22	1
1,2-Dichloropropane	<0.0018		0.0018	0.00047	mg/Kg	☼	05/27/21 17:55	05/28/21 18:22	1
1,3-Dichloropropane, Total	<0.0018		0.0018	0.00064	mg/Kg	☼	05/27/21 17:55	05/28/21 18:22	1
Ethylbenzene	<0.0018		0.0018	0.00087	mg/Kg	☼	05/27/21 17:55	05/28/21 18:22	1
2-Hexanone	<0.0046		0.0046	0.0014	mg/Kg	☼	05/27/21 17:55	05/28/21 18:22	1
Methylene Chloride	<0.0046		0.0046	0.0018	mg/Kg	☼	05/27/21 17:55	05/28/21 18:22	1
Methyl Ethyl Ketone	<0.0046		0.0046	0.0020	mg/Kg	☼	05/27/21 17:55	05/28/21 18:22	1
methyl isobutyl ketone	<0.0046		0.0046	0.0014	mg/Kg	☼	05/27/21 17:55	05/28/21 18:22	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00054	mg/Kg	☼	05/27/21 17:55	05/28/21 18:22	1
Styrene	<0.0018		0.0018	0.00055	mg/Kg	☼	05/27/21 17:55	05/28/21 18:22	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00058	mg/Kg	☼	05/27/21 17:55	05/28/21 18:22	1
Tetrachloroethene	<0.0018		0.0018	0.00062	mg/Kg	☼	05/27/21 17:55	05/28/21 18:22	1
Toluene	<0.0018		0.0018	0.00046	mg/Kg	☼	05/27/21 17:55	05/28/21 18:22	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00081	mg/Kg	☼	05/27/21 17:55	05/28/21 18:22	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00064	mg/Kg	☼	05/27/21 17:55	05/28/21 18:22	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00061	mg/Kg	☼	05/27/21 17:55	05/28/21 18:22	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00078	mg/Kg	☼	05/27/21 17:55	05/28/21 18:22	1
Trichloroethene	<0.0018		0.0018	0.00062	mg/Kg	☼	05/27/21 17:55	05/28/21 18:22	1
Vinyl chloride	<0.0018		0.0018	0.00081	mg/Kg	☼	05/27/21 17:55	05/28/21 18:22	1
Xylenes, Total	<0.0037		0.0037	0.00058	mg/Kg	☼	05/27/21 17:55	05/28/21 18:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		75 - 131	05/27/21 17:55	05/28/21 18:22	1
Dibromofluoromethane	100		75 - 126	05/27/21 17:55	05/28/21 18:22	1
1,2-Dichloroethane-d4 (Surr)	91		70 - 134	05/27/21 17:55	05/28/21 18:22	1
Toluene-d8 (Surr)	97		75 - 124	05/27/21 17:55	05/28/21 18:22	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	06/02/21 17:25	06/03/21 23:40	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	☼	06/02/21 17:25	06/03/21 23:40	1
1,3-Dichlorobenzene	<0.19		0.19	0.044	mg/Kg	☼	06/02/21 17:25	06/03/21 23:40	1
1,4-Dichlorobenzene	<0.19		0.19	0.050	mg/Kg	☼	06/02/21 17:25	06/03/21 23:40	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.045	mg/Kg	☼	06/02/21 17:25	06/03/21 23:40	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199753-1

Client Sample ID: ROW-45(0-2)-052621

Lab Sample ID: 500-199753-5

Date Collected: 05/26/21 14:20

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 85.0

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.088	mg/Kg	☆	06/02/21 17:25	06/03/21 23:40	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	☆	06/02/21 17:25	06/03/21 23:40	1
2,4-Dichlorophenol	<0.38		0.38	0.092	mg/Kg	☆	06/02/21 17:25	06/03/21 23:40	1
2,4-Dimethylphenol	<0.38		0.38	0.15	mg/Kg	☆	06/02/21 17:25	06/03/21 23:40	1
2,4-Dinitrophenol	<0.78		0.78	0.68	mg/Kg	☆	06/02/21 17:25	06/03/21 23:40	1
2,4-Dinitrotoluene	<0.19		0.19	0.062	mg/Kg	☆	06/02/21 17:25	06/03/21 23:40	1
2,6-Dinitrotoluene	<0.19		0.19	0.076	mg/Kg	☆	06/02/21 17:25	06/03/21 23:40	1
2-Chloronaphthalene	<0.19		0.19	0.043	mg/Kg	☆	06/02/21 17:25	06/03/21 23:40	1
2-Chlorophenol	<0.19		0.19	0.066	mg/Kg	☆	06/02/21 17:25	06/03/21 23:40	1
2-Methylnaphthalene	<0.078		0.078	0.0071	mg/Kg	☆	06/02/21 17:25	06/03/21 23:40	1
2-Methylphenol	<0.19		0.19	0.062	mg/Kg	☆	06/02/21 17:25	06/03/21 23:40	1
2-Nitroaniline	<0.19		0.19	0.052	mg/Kg	☆	06/02/21 17:25	06/03/21 23:40	1
2-Nitrophenol	<0.38		0.38	0.092	mg/Kg	☆	06/02/21 17:25	06/03/21 23:40	1
3 & 4 Methylphenol	<0.19		0.19	0.065	mg/Kg	☆	06/02/21 17:25	06/03/21 23:40	1
3,3'-Dichlorobenzidine	<0.19	*	0.19	0.054	mg/Kg	☆	06/02/21 17:25	06/03/21 23:40	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	☆	06/02/21 17:25	06/03/21 23:40	1
4,6-Dinitro-2-methylphenol	<0.78		0.78	0.31	mg/Kg	☆	06/02/21 17:25	06/03/21 23:40	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.051	mg/Kg	☆	06/02/21 17:25	06/03/21 23:40	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	☆	06/02/21 17:25	06/03/21 23:40	1
4-Chloroaniline	<0.78		0.78	0.18	mg/Kg	☆	06/02/21 17:25	06/03/21 23:40	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	☆	06/02/21 17:25	06/03/21 23:40	1
4-Nitroaniline	<0.38	*	0.38	0.16	mg/Kg	☆	06/02/21 17:25	06/03/21 23:40	1
4-Nitrophenol	<0.78		0.78	0.37	mg/Kg	☆	06/02/21 17:25	06/03/21 23:40	1
Acenaphthene	<0.038		0.038	0.0070	mg/Kg	☆	06/02/21 17:25	06/03/21 23:40	1
<b>Acenaphthylene</b>	<b>0.0069</b>	<b>J</b>	0.038	0.0051	mg/Kg	☆	06/02/21 17:25	06/03/21 23:40	1
<b>Anthracene</b>	<b>0.042</b>		0.038	0.0065	mg/Kg	☆	06/02/21 17:25	06/03/21 23:40	1
<b>Benzo[a]anthracene</b>	<b>0.088</b>		0.038	0.0052	mg/Kg	☆	06/02/21 17:25	06/03/21 23:40	1
<b>Benzo[a]pyrene</b>	<b>0.14</b>	<b>*3</b>	0.038	0.0075	mg/Kg	☆	06/02/21 17:25	06/03/21 23:40	1
<b>Benzo[b]fluoranthene</b>	<b>0.25</b>	<b>*3</b>	0.038	0.0084	mg/Kg	☆	06/02/21 17:25	06/03/21 23:40	1
<b>Benzo[g,h,i]perylene</b>	<b>0.064</b>	<b>*3</b>	0.038	0.012	mg/Kg	☆	06/02/21 17:25	06/03/21 23:40	1
<b>Benzo[k]fluoranthene</b>	<b>0.089</b>	<b>*3</b>	0.038	0.011	mg/Kg	☆	06/02/21 17:25	06/03/21 23:40	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.040	mg/Kg	☆	06/02/21 17:25	06/03/21 23:40	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.058	mg/Kg	☆	06/02/21 17:25	06/03/21 23:40	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.071	mg/Kg	☆	06/02/21 17:25	06/03/21 23:40	1
Butyl benzyl phthalate	<0.19		0.19	0.074	mg/Kg	☆	06/02/21 17:25	06/03/21 23:40	1
<b>Carbazole</b>	<b>0.15</b>	<b>J</b>	0.19	0.097	mg/Kg	☆	06/02/21 17:25	06/03/21 23:40	1
<b>Chrysene</b>	<b>0.099</b>		0.038	0.011	mg/Kg	☆	06/02/21 17:25	06/03/21 23:40	1
<b>Dibenz(a,h)anthracene</b>	<b>0.016</b>	<b>J *3</b>	0.038	0.0075	mg/Kg	☆	06/02/21 17:25	06/03/21 23:40	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	☆	06/02/21 17:25	06/03/21 23:40	1
Diethyl phthalate	<0.19		0.19	0.066	mg/Kg	☆	06/02/21 17:25	06/03/21 23:40	1
Dimethyl phthalate	<0.19		0.19	0.051	mg/Kg	☆	06/02/21 17:25	06/03/21 23:40	1
Di-n-butyl phthalate	<0.19		0.19	0.059	mg/Kg	☆	06/02/21 17:25	06/03/21 23:40	1
Di-n-octyl phthalate	<0.19		0.19	0.063	mg/Kg	☆	06/02/21 17:25	06/03/21 23:40	1
<b>Fluoranthene</b>	<b>0.17</b>		0.038	0.0072	mg/Kg	☆	06/02/21 17:25	06/03/21 23:40	1
<b>Fluorene</b>	<b>0.033</b>	<b>J</b>	0.038	0.0054	mg/Kg	☆	06/02/21 17:25	06/03/21 23:40	1
Hexachlorobenzene	<0.078		0.078	0.0090	mg/Kg	☆	06/02/21 17:25	06/03/21 23:40	1
Hexachlorobutadiene	<0.19		0.19	0.061	mg/Kg	☆	06/02/21 17:25	06/03/21 23:40	1
Hexachlorocyclopentadiene	<0.78		0.78	0.22	mg/Kg	☆	06/02/21 17:25	06/03/21 23:40	1
Hexachloroethane	<0.19		0.19	0.059	mg/Kg	☆	06/02/21 17:25	06/03/21 23:40	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199753-1

**Client Sample ID: ROW-45(0-2)-052621**

**Lab Sample ID: 500-199753-5**

**Date Collected: 05/26/21 14:20**

**Matrix: Solid**

**Date Received: 05/26/21 17:18**

**Percent Solids: 85.0**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.047</b>	<b>*3</b>	0.038	0.010	mg/Kg	☼	06/02/21 17:25	06/03/21 23:40	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	06/02/21 17:25	06/03/21 23:40	1
Naphthalene	<0.038		0.038	0.0060	mg/Kg	☼	06/02/21 17:25	06/03/21 23:40	1
Nitrobenzene	<0.038		0.038	0.0097	mg/Kg	☼	06/02/21 17:25	06/03/21 23:40	1
N-Nitrosodi-n-propylamine	<0.078		0.078	0.047	mg/Kg	☼	06/02/21 17:25	06/03/21 23:40	1
N-Nitrosodiphenylamine	<0.19		0.19	0.046	mg/Kg	☼	06/02/21 17:25	06/03/21 23:40	1
Pentachlorophenol	<0.78		0.78	0.62	mg/Kg	☼	06/02/21 17:25	06/03/21 23:40	1
<b>Phenanthrene</b>	<b>0.073</b>		0.038	0.0054	mg/Kg	☼	06/02/21 17:25	06/03/21 23:40	1
Phenol	<0.19		0.19	0.086	mg/Kg	☼	06/02/21 17:25	06/03/21 23:40	1
<b>Pyrene</b>	<b>0.16</b>		0.038	0.0077	mg/Kg	☼	06/02/21 17:25	06/03/21 23:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>2,4,6-Tribromophenol</i>	67		31 - 143				06/02/21 17:25	06/03/21 23:40	1
<i>2-Fluorobiphenyl</i>	70		43 - 145				06/02/21 17:25	06/03/21 23:40	1
<i>2-Fluorophenol</i>	94		31 - 166				06/02/21 17:25	06/03/21 23:40	1
<i>Nitrobenzene-d5</i>	67		37 - 147				06/02/21 17:25	06/03/21 23:40	1
<i>Phenol-d5</i>	76		30 - 153				06/02/21 17:25	06/03/21 23:40	1
<i>Terphenyl-d14</i>	102		42 - 157				06/02/21 17:25	06/03/21 23:40	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/02/21 18:20	06/03/21 10:43	1
<b>Barium</b>	<b>0.79</b>		0.50	0.050	mg/L		06/02/21 18:20	06/03/21 10:43	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/02/21 18:20	06/03/21 10:43	1
<b>Cadmium</b>	<b>0.0023</b>	<b>J</b>	0.0050	0.0020	mg/L		06/02/21 18:20	06/03/21 10:43	1
Chromium	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:43	1
Cobalt	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:43	1
Copper	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:43	1
<b>Iron</b>	<b>0.24</b>	<b>J B *</b>	0.40	0.20	mg/L		06/02/21 18:20	06/03/21 10:43	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/02/21 18:20	06/03/21 10:43	1
<b>Manganese</b>	<b>1.5</b>		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:43	1
Nickel	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:43	1
Selenium	<0.050		0.050	0.020	mg/L		06/02/21 18:20	06/03/21 10:43	1
Silver	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:43	1
<b>Zinc</b>	<b>0.12</b>	<b>J</b>	0.50	0.020	mg/L		06/02/21 18:20	06/03/21 10:43	1

**Method: 6010B - Metals (ICP) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.037</b>	<b>J</b>	0.050	0.010	mg/L		06/03/21 08:08	06/03/21 21:20	1
<b>Barium</b>	<b>0.87</b>		0.50	0.050	mg/L		06/03/21 08:08	06/03/21 21:20	1
<b>Beryllium</b>	<b>0.0062</b>		0.0040	0.0040	mg/L		06/03/21 08:08	06/03/21 21:20	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 08:08	06/03/21 21:20	1
<b>Chromium</b>	<b>0.15</b>		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:20	1
<b>Cobalt</b>	<b>0.032</b>		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:20	1
<b>Copper</b>	<b>0.16</b>		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:20	1
<b>Iron</b>	<b>140</b>		0.40	0.20	mg/L		06/03/21 08:08	06/03/21 21:20	1
<b>Lead</b>	<b>0.15</b>		0.0075	0.0075	mg/L		06/03/21 08:08	06/03/21 21:20	1
<b>Manganese</b>	<b>0.74</b>		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:20	1
<b>Nickel</b>	<b>0.11</b>		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:20	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 08:08	06/03/21 21:20	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199753-1

**Client Sample ID: ROW-45(0-2)-052621**

**Lab Sample ID: 500-199753-5**

Date Collected: 05/26/21 14:20

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 85.0

### Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:20	1
Zinc	0.75		0.50	0.020	mg/L		06/03/21 08:08	06/03/21 21:20	1

### Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.55	J	1.2	0.23	mg/Kg	☆	06/02/21 08:22	06/02/21 19:05	1
Arsenic	4.5		0.58	0.20	mg/Kg	☆	06/02/21 08:22	06/02/21 19:05	1
Barium	95		0.58	0.066	mg/Kg	☆	06/02/21 08:22	06/02/21 19:05	1
Beryllium	0.65		0.23	0.054	mg/Kg	☆	06/02/21 08:22	06/02/21 19:05	1
Cadmium	0.36		0.12	0.021	mg/Kg	☆	06/02/21 08:22	06/02/21 19:05	1
Calcium	47000	B	58	9.8	mg/Kg	☆	06/02/21 08:22	06/03/21 14:33	5
Chromium	20		0.58	0.29	mg/Kg	☆	06/02/21 08:22	06/02/21 19:05	1
Cobalt	7.8		0.29	0.076	mg/Kg	☆	06/02/21 08:22	06/02/21 19:05	1
Copper	20		0.58	0.16	mg/Kg	☆	06/02/21 08:22	06/02/21 19:05	1
Iron	14000		12	6.0	mg/Kg	☆	06/02/21 08:22	06/02/21 19:05	1
Lead	35		0.29	0.13	mg/Kg	☆	06/02/21 08:22	06/02/21 19:05	1
Magnesium	22000		5.8	2.9	mg/Kg	☆	06/02/21 08:22	06/02/21 19:05	1
Manganese	400	B	0.58	0.084	mg/Kg	☆	06/02/21 08:22	06/02/21 19:05	1
Nickel	17		0.58	0.17	mg/Kg	☆	06/02/21 08:22	06/02/21 19:05	1
Potassium	1100		29	10	mg/Kg	☆	06/02/21 08:22	06/02/21 19:05	1
Selenium	0.36	J	0.58	0.34	mg/Kg	☆	06/02/21 08:22	06/02/21 19:05	1
Silver	0.42		0.29	0.075	mg/Kg	☆	06/02/21 08:22	06/02/21 19:05	1
Sodium	2000	B	58	8.6	mg/Kg	☆	06/02/21 08:22	06/02/21 19:05	1
Thallium	0.58		0.58	0.29	mg/Kg	☆	06/02/21 08:22	06/02/21 19:05	1
Vanadium	27		0.29	0.068	mg/Kg	☆	06/02/21 08:22	06/02/21 19:05	1
Zinc	140		1.2	0.51	mg/Kg	☆	06/02/21 08:22	06/02/21 19:05	1

### Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/02/21 15:20	06/03/21 09:42	1

### Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/21 10:00	06/04/21 10:52	1

### Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.025		0.018	0.0061	mg/Kg	☆	06/02/21 12:50	06/03/21 07:49	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.5		0.2	0.2	SU			06/01/21 14:54	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199753-1

**Client Sample ID: ROW-47(0-2)-052621**

**Lab Sample ID: 500-199753-6**

**Date Collected: 05/26/21 14:35**

**Matrix: Solid**

**Date Received: 05/26/21 17:18**

**Percent Solids: 84.9**

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.020		0.020	0.0087	mg/Kg	✳	05/27/21 17:55	05/28/21 18:48	1
Benzene	<0.0020		0.0020	0.00051	mg/Kg	✳	05/27/21 17:55	05/28/21 18:48	1
Bromodichloromethane	<0.0020		0.0020	0.00041	mg/Kg	✳	05/27/21 17:55	05/28/21 18:48	1
Bromoform	<0.0020		0.0020	0.00058	mg/Kg	✳	05/27/21 17:55	05/28/21 18:48	1
Bromomethane	<0.0050		0.0050	0.0019	mg/Kg	✳	05/27/21 17:55	05/28/21 18:48	1
Carbon disulfide	<0.0050		0.0050	0.0010	mg/Kg	✳	05/27/21 17:55	05/28/21 18:48	1
Carbon tetrachloride	<0.0020		0.0020	0.00058	mg/Kg	✳	05/27/21 17:55	05/28/21 18:48	1
Chlorobenzene	<0.0020		0.0020	0.00074	mg/Kg	✳	05/27/21 17:55	05/28/21 18:48	1
Chloroethane	<0.0050		0.0050	0.0015	mg/Kg	✳	05/27/21 17:55	05/28/21 18:48	1
Chloroform	<0.0020		0.0020	0.00069	mg/Kg	✳	05/27/21 17:55	05/28/21 18:48	1
Chloromethane	<0.0050		0.0050	0.0020	mg/Kg	✳	05/27/21 17:55	05/28/21 18:48	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00056	mg/Kg	✳	05/27/21 17:55	05/28/21 18:48	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00060	mg/Kg	✳	05/27/21 17:55	05/28/21 18:48	1
Dibromochloromethane	<0.0020		0.0020	0.00065	mg/Kg	✳	05/27/21 17:55	05/28/21 18:48	1
1,1-Dichloroethane	<0.0020		0.0020	0.00068	mg/Kg	✳	05/27/21 17:55	05/28/21 18:48	1
1,2-Dichloroethane	<0.0050		0.0050	0.0016	mg/Kg	✳	05/27/21 17:55	05/28/21 18:48	1
1,1-Dichloroethene	<0.0020		0.0020	0.00069	mg/Kg	✳	05/27/21 17:55	05/28/21 18:48	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg	✳	05/27/21 17:55	05/28/21 18:48	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00070	mg/Kg	✳	05/27/21 17:55	05/28/21 18:48	1
Ethylbenzene	<0.0020		0.0020	0.00095	mg/Kg	✳	05/27/21 17:55	05/28/21 18:48	1
2-Hexanone	<0.0050		0.0050	0.0016	mg/Kg	✳	05/27/21 17:55	05/28/21 18:48	1
Methylene Chloride	<0.0050		0.0050	0.0020	mg/Kg	✳	05/27/21 17:55	05/28/21 18:48	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0022	mg/Kg	✳	05/27/21 17:55	05/28/21 18:48	1
methyl isobutyl ketone	<0.0050		0.0050	0.0015	mg/Kg	✳	05/27/21 17:55	05/28/21 18:48	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00058	mg/Kg	✳	05/27/21 17:55	05/28/21 18:48	1
Styrene	<0.0020		0.0020	0.00060	mg/Kg	✳	05/27/21 17:55	05/28/21 18:48	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00064	mg/Kg	✳	05/27/21 17:55	05/28/21 18:48	1
Tetrachloroethene	<0.0020		0.0020	0.00068	mg/Kg	✳	05/27/21 17:55	05/28/21 18:48	1
Toluene	<0.0020		0.0020	0.00050	mg/Kg	✳	05/27/21 17:55	05/28/21 18:48	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00088	mg/Kg	✳	05/27/21 17:55	05/28/21 18:48	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00070	mg/Kg	✳	05/27/21 17:55	05/28/21 18:48	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00067	mg/Kg	✳	05/27/21 17:55	05/28/21 18:48	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00085	mg/Kg	✳	05/27/21 17:55	05/28/21 18:48	1
Trichloroethene	<0.0020		0.0020	0.00067	mg/Kg	✳	05/27/21 17:55	05/28/21 18:48	1
Vinyl chloride	<0.0020		0.0020	0.00088	mg/Kg	✳	05/27/21 17:55	05/28/21 18:48	1
Xylenes, Total	<0.0040		0.0040	0.00064	mg/Kg	✳	05/27/21 17:55	05/28/21 18:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		75 - 131	05/27/21 17:55	05/28/21 18:48	1
Dibromofluoromethane	97		75 - 126	05/27/21 17:55	05/28/21 18:48	1
1,2-Dichloroethane-d4 (Surr)	90		70 - 134	05/27/21 17:55	05/28/21 18:48	1
Toluene-d8 (Surr)	95		75 - 124	05/27/21 17:55	05/28/21 18:48	1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.042	mg/Kg	✳	06/02/21 17:25	06/04/21 04:09	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	✳	06/02/21 17:25	06/04/21 04:09	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	✳	06/02/21 17:25	06/04/21 04:09	1
1,4-Dichlorobenzene	<0.20		0.20	0.050	mg/Kg	✳	06/02/21 17:25	06/04/21 04:09	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.045	mg/Kg	✳	06/02/21 17:25	06/04/21 04:09	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199753-1

**Client Sample ID: ROW-47(0-2)-052621**

**Lab Sample ID: 500-199753-6**

**Date Collected: 05/26/21 14:35**

**Matrix: Solid**

**Date Received: 05/26/21 17:18**

**Percent Solids: 84.9**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.089	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
2,4,6-Trichlorophenol	<0.39		0.39	0.13	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
2,4-Dichlorophenol	<0.39		0.39	0.093	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
2,4-Dinitrophenol	<0.79		0.79	0.69	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
2,4-Dinitrotoluene	<0.20		0.20	0.062	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
2,6-Dinitrotoluene	<0.20		0.20	0.077	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
2-Chloronaphthalene	<0.20		0.20	0.043	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
2-Chlorophenol	<0.20		0.20	0.067	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
<b>2-Methylnaphthalene</b>	<b>0.011</b>	<b>J</b>	0.079	0.0072	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
2-Nitrophenol	<0.39		0.39	0.092	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
3 & 4 Methylphenol	<0.20		0.20	0.065	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
3,3'-Dichlorobenzidine	<0.20	*- *3	0.20	0.055	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.31	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
4-Chloroaniline	<0.79		0.79	0.18	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
4-Nitroaniline	<0.39	*-	0.39	0.16	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
4-Nitrophenol	<0.79		0.79	0.37	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
<b>Acenaphthene</b>	<b>0.0077</b>	<b>J</b>	0.039	0.0070	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
<b>Acenaphthylene</b>	<b>0.0070</b>	<b>J</b>	0.039	0.0052	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
<b>Anthracene</b>	<b>0.053</b>		0.039	0.0065	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
<b>Benzo[a]anthracene</b>	<b>0.17</b>	<b>*3</b>	0.039	0.0053	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
<b>Benzo[a]pyrene</b>	<b>0.23</b>	<b>*3</b>	0.039	0.0076	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
<b>Benzo[b]fluoranthene</b>	<b>0.36</b>	<b>*3</b>	0.039	0.0084	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
<b>Benzo[g,h,i]perylene</b>	<b>0.10</b>	<b>*3</b>	0.039	0.013	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
<b>Benzo[k]fluoranthene</b>	<b>0.14</b>	<b>*3</b>	0.039	0.012	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
<b>Bis(2-ethylhexyl) phthalate</b>	<b>0.078</b>	<b>J *3</b>	0.20	0.071	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
<b>Butyl benzyl phthalate</b>	<b>0.081</b>	<b>J *3</b>	0.20	0.074	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
<b>Carbazole</b>	<b>0.16</b>	<b>J</b>	0.20	0.098	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
<b>Chrysene</b>	<b>0.20</b>	<b>*3</b>	0.039	0.011	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
<b>Dibenz(a,h)anthracene</b>	<b>0.031</b>	<b>J *3</b>	0.039	0.0076	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
Diethyl phthalate	<0.20		0.20	0.066	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
Dimethyl phthalate	<0.20		0.20	0.051	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
<b>Fluoranthene</b>	<b>0.29</b>		0.039	0.0072	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
<b>Fluorene</b>	<b>0.037</b>	<b>J</b>	0.039	0.0055	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
Hexachlorobenzene	<0.079		0.079	0.0091	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
Hexachlorobutadiene	<0.20		0.20	0.061	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
Hexachlorocyclopentadiene	<0.79		0.79	0.22	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
Hexachloroethane	<0.20		0.20	0.059	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199753-1

**Client Sample ID: ROW-47(0-2)-052621**

**Lab Sample ID: 500-199753-6**

**Date Collected: 05/26/21 14:35**

**Matrix: Solid**

**Date Received: 05/26/21 17:18**

**Percent Solids: 84.9**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.086</b>	<b>*3</b>	0.039	0.010	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
Isophorone	<0.20		0.20	0.044	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
<b>Naphthalene</b>	<b>0.0073</b>	<b>J</b>	0.039	0.0060	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
Nitrobenzene	<0.039		0.039	0.0098	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.048	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
N-Nitrosodiphenylamine	<0.20		0.20	0.046	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
Pentachlorophenol	<0.79		0.79	0.63	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
<b>Phenanthrene</b>	<b>0.17</b>		0.039	0.0054	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
Phenol	<0.20		0.20	0.087	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
<b>Pyrene</b>	<b>0.63</b>	<b>*3</b>	0.039	0.0078	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>2,4,6-Tribromophenol</i>	78		31 - 143	06/02/21 17:25	06/04/21 04:09	1
<i>2-Fluorobiphenyl</i>	78		43 - 145	06/02/21 17:25	06/04/21 04:09	1
<i>2-Fluorophenol</i>	109		31 - 166	06/02/21 17:25	06/04/21 04:09	1
<i>Nitrobenzene-d5</i>	70		37 - 147	06/02/21 17:25	06/04/21 04:09	1
<i>Phenol-d5</i>	95		30 - 153	06/02/21 17:25	06/04/21 04:09	1
<i>Terphenyl-d14</i>	217	S1+ *3	42 - 157	06/02/21 17:25	06/04/21 04:09	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/02/21 18:20	06/03/21 10:47	1
<b>Barium</b>	<b>0.73</b>		0.50	0.050	mg/L		06/02/21 18:20	06/03/21 10:47	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/02/21 18:20	06/03/21 10:47	1
<b>Cadmium</b>	<b>0.0032</b>	<b>J</b>	0.0050	0.0020	mg/L		06/02/21 18:20	06/03/21 10:47	1
Chromium	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:47	1
Cobalt	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:47	1
Copper	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:47	1
<b>Iron</b>	<b>0.21</b>	<b>J B *+</b>	0.40	0.20	mg/L		06/02/21 18:20	06/03/21 10:47	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/02/21 18:20	06/03/21 10:47	1
<b>Manganese</b>	<b>2.1</b>		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:47	1
Nickel	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:47	1
Selenium	<0.050		0.050	0.020	mg/L		06/02/21 18:20	06/03/21 10:47	1
Silver	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:47	1
<b>Zinc</b>	<b>0.18</b>	<b>J</b>	0.50	0.020	mg/L		06/02/21 18:20	06/03/21 10:47	1

**Method: 6010B - Metals (ICP) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.043</b>	<b>J</b>	0.050	0.010	mg/L		06/03/21 08:08	06/03/21 21:24	1
<b>Barium</b>	<b>1.2</b>		0.50	0.050	mg/L		06/03/21 08:08	06/03/21 21:24	1
<b>Beryllium</b>	<b>0.0082</b>		0.0040	0.0040	mg/L		06/03/21 08:08	06/03/21 21:24	1
<b>Cadmium</b>	<b>0.0022</b>	<b>J</b>	0.0050	0.0020	mg/L		06/03/21 08:08	06/03/21 21:24	1
<b>Chromium</b>	<b>0.20</b>		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:24	1
<b>Cobalt</b>	<b>0.037</b>		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:24	1
<b>Copper</b>	<b>0.16</b>		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:24	1
<b>Iron</b>	<b>180</b>		0.40	0.20	mg/L		06/03/21 08:08	06/03/21 21:24	1
<b>Lead</b>	<b>0.20</b>		0.0075	0.0075	mg/L		06/03/21 08:08	06/03/21 21:24	1
<b>Manganese</b>	<b>0.89</b>		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:24	1
<b>Nickel</b>	<b>0.14</b>		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:24	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 08:08	06/03/21 21:24	1

Eurofins TestAmerica, Chicago



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199753-1

**Client Sample ID: ROW-47(0-2)-052621**

**Lab Sample ID: 500-199753-6**

Date Collected: 05/26/21 14:35

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 84.9

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:24	1
Zinc	0.94		0.50	0.020	mg/L		06/03/21 08:08	06/03/21 21:24	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.0	J	1.2	0.23	mg/Kg	☆	06/02/21 08:22	06/02/21 19:08	1
Arsenic	4.3		0.59	0.20	mg/Kg	☆	06/02/21 08:22	06/02/21 19:08	1
Barium	120		0.59	0.067	mg/Kg	☆	06/02/21 08:22	06/02/21 19:08	1
Beryllium	0.67		0.24	0.055	mg/Kg	☆	06/02/21 08:22	06/02/21 19:08	1
Cadmium	0.43		0.12	0.021	mg/Kg	☆	06/02/21 08:22	06/02/21 19:08	1
Calcium	32000	B	12	2.0	mg/Kg	☆	06/02/21 08:22	06/02/21 19:08	1
Chromium	33		0.59	0.29	mg/Kg	☆	06/02/21 08:22	06/02/21 19:08	1
Cobalt	6.7		0.29	0.077	mg/Kg	☆	06/02/21 08:22	06/02/21 19:08	1
Copper	20		0.59	0.16	mg/Kg	☆	06/02/21 08:22	06/02/21 19:08	1
Iron	16000		12	6.1	mg/Kg	☆	06/02/21 08:22	06/02/21 19:08	1
Lead	43		0.29	0.14	mg/Kg	☆	06/02/21 08:22	06/02/21 19:08	1
Magnesium	19000		5.9	2.9	mg/Kg	☆	06/02/21 08:22	06/02/21 19:08	1
Manganese	570	B	0.59	0.085	mg/Kg	☆	06/02/21 08:22	06/02/21 19:08	1
Nickel	16		0.59	0.17	mg/Kg	☆	06/02/21 08:22	06/02/21 19:08	1
Potassium	1200		29	10	mg/Kg	☆	06/02/21 08:22	06/02/21 19:08	1
Selenium	<0.59		0.59	0.35	mg/Kg	☆	06/02/21 08:22	06/02/21 19:08	1
Silver	0.43		0.29	0.076	mg/Kg	☆	06/02/21 08:22	06/02/21 19:08	1
Sodium	2100	B	59	8.7	mg/Kg	☆	06/02/21 08:22	06/02/21 19:08	1
Thallium	0.91		0.59	0.29	mg/Kg	☆	06/02/21 08:22	06/02/21 19:08	1
Vanadium	35		0.29	0.069	mg/Kg	☆	06/02/21 08:22	06/02/21 19:08	1
Zinc	150		1.2	0.52	mg/Kg	☆	06/02/21 08:22	06/02/21 19:08	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/02/21 15:20	06/03/21 09:44	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00021		0.00020	0.00020	mg/L		06/03/21 10:00	06/04/21 10:54	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.025		0.017	0.0057	mg/Kg	☆	06/02/21 12:50	06/03/21 07:51	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.0		0.2	0.2	SU			06/01/21 14:55	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199753-1

**Client Sample ID: ROW-49(0-2)-052621**

**Lab Sample ID: 500-199753-7**

Date Collected: 05/26/21 14:45

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 83.6

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.020		0.020	0.0086	mg/Kg	✳	05/27/21 17:55	05/28/21 19:13	1
Benzene	<0.0020		0.0020	0.00050	mg/Kg	✳	05/27/21 17:55	05/28/21 19:13	1
Bromodichloromethane	<0.0020		0.0020	0.00040	mg/Kg	✳	05/27/21 17:55	05/28/21 19:13	1
Bromoform	<0.0020		0.0020	0.00057	mg/Kg	✳	05/27/21 17:55	05/28/21 19:13	1
Bromomethane	<0.0049		0.0049	0.0019	mg/Kg	✳	05/27/21 17:55	05/28/21 19:13	1
Carbon disulfide	<0.0049		0.0049	0.0010	mg/Kg	✳	05/27/21 17:55	05/28/21 19:13	1
Carbon tetrachloride	<0.0020		0.0020	0.00057	mg/Kg	✳	05/27/21 17:55	05/28/21 19:13	1
Chlorobenzene	<0.0020		0.0020	0.00073	mg/Kg	✳	05/27/21 17:55	05/28/21 19:13	1
Chloroethane	<0.0049		0.0049	0.0015	mg/Kg	✳	05/27/21 17:55	05/28/21 19:13	1
Chloroform	<0.0020		0.0020	0.00068	mg/Kg	✳	05/27/21 17:55	05/28/21 19:13	1
Chloromethane	<0.0049		0.0049	0.0020	mg/Kg	✳	05/27/21 17:55	05/28/21 19:13	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00055	mg/Kg	✳	05/27/21 17:55	05/28/21 19:13	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00059	mg/Kg	✳	05/27/21 17:55	05/28/21 19:13	1
Dibromochloromethane	<0.0020		0.0020	0.00064	mg/Kg	✳	05/27/21 17:55	05/28/21 19:13	1
1,1-Dichloroethane	<0.0020		0.0020	0.00067	mg/Kg	✳	05/27/21 17:55	05/28/21 19:13	1
1,2-Dichloroethane	<0.0049		0.0049	0.0015	mg/Kg	✳	05/27/21 17:55	05/28/21 19:13	1
1,1-Dichloroethene	<0.0020		0.0020	0.00068	mg/Kg	✳	05/27/21 17:55	05/28/21 19:13	1
1,2-Dichloropropane	<0.0020		0.0020	0.00051	mg/Kg	✳	05/27/21 17:55	05/28/21 19:13	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00069	mg/Kg	✳	05/27/21 17:55	05/28/21 19:13	1
Ethylbenzene	<0.0020		0.0020	0.00094	mg/Kg	✳	05/27/21 17:55	05/28/21 19:13	1
2-Hexanone	<0.0049		0.0049	0.0015	mg/Kg	✳	05/27/21 17:55	05/28/21 19:13	1
Methylene Chloride	<0.0049		0.0049	0.0019	mg/Kg	✳	05/27/21 17:55	05/28/21 19:13	1
Methyl Ethyl Ketone	<0.0049		0.0049	0.0022	mg/Kg	✳	05/27/21 17:55	05/28/21 19:13	1
methyl isobutyl ketone	<0.0049		0.0049	0.0015	mg/Kg	✳	05/27/21 17:55	05/28/21 19:13	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00058	mg/Kg	✳	05/27/21 17:55	05/28/21 19:13	1
Styrene	<0.0020		0.0020	0.00059	mg/Kg	✳	05/27/21 17:55	05/28/21 19:13	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00063	mg/Kg	✳	05/27/21 17:55	05/28/21 19:13	1
Tetrachloroethene	<0.0020		0.0020	0.00067	mg/Kg	✳	05/27/21 17:55	05/28/21 19:13	1
Toluene	<0.0020		0.0020	0.00050	mg/Kg	✳	05/27/21 17:55	05/28/21 19:13	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00087	mg/Kg	✳	05/27/21 17:55	05/28/21 19:13	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00069	mg/Kg	✳	05/27/21 17:55	05/28/21 19:13	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00066	mg/Kg	✳	05/27/21 17:55	05/28/21 19:13	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00084	mg/Kg	✳	05/27/21 17:55	05/28/21 19:13	1
Trichloroethene	<0.0020		0.0020	0.00066	mg/Kg	✳	05/27/21 17:55	05/28/21 19:13	1
Vinyl chloride	<0.0020		0.0020	0.00087	mg/Kg	✳	05/27/21 17:55	05/28/21 19:13	1
Xylenes, Total	<0.0039		0.0039	0.00063	mg/Kg	✳	05/27/21 17:55	05/28/21 19:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		75 - 131	05/27/21 17:55	05/28/21 19:13	1
Dibromofluoromethane	95		75 - 126	05/27/21 17:55	05/28/21 19:13	1
1,2-Dichloroethane-d4 (Surr)	92		70 - 134	05/27/21 17:55	05/28/21 19:13	1
Toluene-d8 (Surr)	95		75 - 124	05/27/21 17:55	05/28/21 19:13	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.043	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
1,4-Dichlorobenzene	<0.20		0.20	0.051	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199753-1

Client Sample ID: ROW-49(0-2)-052621

Lab Sample ID: 500-199753-7

Date Collected: 05/26/21 14:45

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 83.6

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.090	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
2,4,6-Trichlorophenol	<0.39		0.39	0.14	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
2,4-Dichlorophenol	<0.39		0.39	0.094	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
2,4-Dinitrophenol	<0.80		0.80	0.70	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
2,4-Dinitrotoluene	<0.20		0.20	0.063	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
2,6-Dinitrotoluene	<0.20		0.20	0.078	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
2-Chlorophenol	<0.20		0.20	0.067	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
2-Methylnaphthalene	<0.080		0.080	0.0073	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
2-Nitrophenol	<0.39		0.39	0.093	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
3 & 4 Methylphenol	<0.20		0.20	0.066	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
3,3'-Dichlorobenzidine	<0.20	*	0.20	0.055	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
4,6-Dinitro-2-methylphenol	<0.80		0.80	0.32	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
4-Chloroaniline	<0.80		0.80	0.19	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
4-Nitroaniline	<0.39	*	0.39	0.17	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
4-Nitrophenol	<0.80		0.80	0.38	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
Acenaphthene	0.0071	J	0.039	0.0071	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
Acenaphthylene	0.034	J	0.039	0.0052	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
Anthracene	0.059		0.039	0.0066	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
Benzo[a]anthracene	0.15		0.039	0.0053	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
Benzo[a]pyrene	0.23	*3	0.039	0.0077	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
Benzo[b]fluoranthene	0.40	*3	0.039	0.0085	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
Benzo[g,h,i]perylene	0.096	*3	0.039	0.013	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
Benzo[k]fluoranthene	0.16	*3	0.039	0.012	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
Butyl benzyl phthalate	<0.20		0.20	0.075	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
Carbazole	0.16	J	0.20	0.099	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
Chrysene	0.19		0.039	0.011	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
Dibenz(a,h)anthracene	0.026	J *3	0.039	0.0076	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
Diethyl phthalate	<0.20		0.20	0.067	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
Dimethyl phthalate	<0.20		0.20	0.052	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
Fluoranthene	0.28		0.039	0.0073	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
Fluorene	0.037	J	0.039	0.0056	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
Hexachlorobenzene	<0.080		0.080	0.0092	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
Hexachlorocyclopentadiene	<0.80		0.80	0.23	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
Hexachloroethane	<0.20		0.20	0.060	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1

Euofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199753-1

Client Sample ID: ROW-49(0-2)-052621

Lab Sample ID: 500-199753-7

Date Collected: 05/26/21 14:45

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 83.6

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.080	*3	0.039	0.010	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
Naphthalene	<0.039		0.039	0.0061	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
Nitrobenzene	<0.039		0.039	0.0099	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
N-Nitrosodi-n-propylamine	<0.080		0.080	0.048	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
N-Nitrosodiphenylamine	<0.20		0.20	0.047	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
Pentachlorophenol	<0.80		0.80	0.63	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
Phenanthrene	0.14		0.039	0.0055	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
Phenol	<0.20		0.20	0.088	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
Pyrene	0.45		0.039	0.0079	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	81		31 - 143	06/02/21 17:25	06/04/21 02:31	1
2-Fluorobiphenyl	74		43 - 145	06/02/21 17:25	06/04/21 02:31	1
2-Fluorophenol	101		31 - 166	06/02/21 17:25	06/04/21 02:31	1
Nitrobenzene-d5	65		37 - 147	06/02/21 17:25	06/04/21 02:31	1
Phenol-d5	88		30 - 153	06/02/21 17:25	06/04/21 02:31	1
Terphenyl-d14	172	S1+	42 - 157	06/02/21 17:25	06/04/21 02:31	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/02/21 18:20	06/03/21 10:51	1
Barium	0.59		0.50	0.050	mg/L		06/02/21 18:20	06/03/21 10:51	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/02/21 18:20	06/03/21 10:51	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/02/21 18:20	06/03/21 10:51	1
Chromium	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:51	1
Cobalt	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:51	1
Copper	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:51	1
Iron	<0.40	*+	0.40	0.20	mg/L		06/02/21 18:20	06/03/21 10:51	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/02/21 18:20	06/03/21 10:51	1
Manganese	1.1		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:51	1
Nickel	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:51	1
Selenium	<0.050		0.050	0.020	mg/L		06/02/21 18:20	06/03/21 10:51	1
Silver	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:51	1
Zinc	0.10	J	0.50	0.020	mg/L		06/02/21 18:20	06/03/21 10:51	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.061		0.050	0.010	mg/L		06/03/21 08:08	06/03/21 21:27	1
Barium	0.80		0.50	0.050	mg/L		06/03/21 08:08	06/03/21 21:27	1
Beryllium	0.0081		0.0040	0.0040	mg/L		06/03/21 08:08	06/03/21 21:27	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 08:08	06/03/21 21:27	1
Chromium	0.18		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:27	1
Cobalt	0.040		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:27	1
Copper	0.16		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:27	1
Iron	190		0.40	0.20	mg/L		06/03/21 08:08	06/03/21 21:27	1
Lead	0.17		0.0075	0.0075	mg/L		06/03/21 08:08	06/03/21 21:27	1
Manganese	0.92		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:27	1
Nickel	0.16		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:27	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 08:08	06/03/21 21:27	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199753-1

**Client Sample ID: ROW-49(0-2)-052621**

**Lab Sample ID: 500-199753-7**

Date Collected: 05/26/21 14:45

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 83.6

## Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:27	1
Zinc	0.68		0.50	0.020	mg/L		06/03/21 08:08	06/03/21 21:27	1

## Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.67	J	1.2	0.23	mg/Kg	☆	06/02/21 08:22	06/02/21 19:12	1
Arsenic	6.7		0.58	0.20	mg/Kg	☆	06/02/21 08:22	06/02/21 19:12	1
Barium	78		0.58	0.067	mg/Kg	☆	06/02/21 08:22	06/02/21 19:12	1
Beryllium	0.69		0.23	0.054	mg/Kg	☆	06/02/21 08:22	06/02/21 19:12	1
Cadmium	0.31		0.12	0.021	mg/Kg	☆	06/02/21 08:22	06/02/21 19:12	1
Calcium	58000	B	58	9.9	mg/Kg	☆	06/02/21 08:22	06/03/21 14:36	5
Chromium	19		0.58	0.29	mg/Kg	☆	06/02/21 08:22	06/02/21 19:12	1
Cobalt	11		0.29	0.076	mg/Kg	☆	06/02/21 08:22	06/02/21 19:12	1
Copper	18		0.58	0.16	mg/Kg	☆	06/02/21 08:22	06/02/21 19:12	1
Iron	16000		12	6.1	mg/Kg	☆	06/02/21 08:22	06/02/21 19:12	1
Lead	29		0.29	0.13	mg/Kg	☆	06/02/21 08:22	06/02/21 19:12	1
Magnesium	29000		5.8	2.9	mg/Kg	☆	06/02/21 08:22	06/02/21 19:12	1
Manganese	520	B	0.58	0.085	mg/Kg	☆	06/02/21 08:22	06/02/21 19:12	1
Nickel	20		0.58	0.17	mg/Kg	☆	06/02/21 08:22	06/02/21 19:12	1
Potassium	1300		29	10	mg/Kg	☆	06/02/21 08:22	06/02/21 19:12	1
Selenium	0.52	J	0.58	0.34	mg/Kg	☆	06/02/21 08:22	06/02/21 19:12	1
Silver	0.43		0.29	0.075	mg/Kg	☆	06/02/21 08:22	06/02/21 19:12	1
Sodium	2100	B	58	8.6	mg/Kg	☆	06/02/21 08:22	06/02/21 19:12	1
Thallium	0.95		0.58	0.29	mg/Kg	☆	06/02/21 08:22	06/02/21 19:12	1
Vanadium	26		0.29	0.069	mg/Kg	☆	06/02/21 08:22	06/02/21 19:12	1
Zinc	97		1.2	0.51	mg/Kg	☆	06/02/21 08:22	06/02/21 19:12	1

## Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/02/21 15:20	06/03/21 09:46	1

## Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00021		0.00020	0.00020	mg/L		06/03/21 10:00	06/04/21 10:56	1

## Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.033		0.018	0.0061	mg/Kg	☆	06/02/21 12:50	06/03/21 07:53	1

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.2		0.2	0.2	SU			06/01/21 14:57	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199753-1

**Client Sample ID: ROW-55(0-2)-052621**

**Lab Sample ID: 500-199753-10**

**Date Collected: 05/26/21 15:20**

**Matrix: Solid**

**Date Received: 05/26/21 17:18**

**Percent Solids: 89.9**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.019		0.019	0.0084	mg/Kg	✱	05/27/21 17:55	05/28/21 16:34	1
Benzene	<0.0019		0.0019	0.00049	mg/Kg	✱	05/27/21 17:55	05/28/21 16:34	1
Bromodichloromethane	<0.0019		0.0019	0.00039	mg/Kg	✱	05/27/21 17:55	05/28/21 16:34	1
Bromoform	<0.0019		0.0019	0.00056	mg/Kg	✱	05/27/21 17:55	05/28/21 16:34	1
Bromomethane	<0.0048		0.0048	0.0018	mg/Kg	✱	05/27/21 17:55	05/28/21 16:34	1
Carbon disulfide	<0.0048		0.0048	0.0010	mg/Kg	✱	05/27/21 17:55	05/28/21 16:34	1
Carbon tetrachloride	<0.0019		0.0019	0.00056	mg/Kg	✱	05/27/21 17:55	05/28/21 16:34	1
Chlorobenzene	<0.0019		0.0019	0.00071	mg/Kg	✱	05/27/21 17:55	05/28/21 16:34	1
Chloroethane	<0.0048		0.0048	0.0014	mg/Kg	✱	05/27/21 17:55	05/28/21 16:34	1
Chloroform	<0.0019		0.0019	0.00067	mg/Kg	✱	05/27/21 17:55	05/28/21 16:34	1
Chloromethane	<0.0048		0.0048	0.0019	mg/Kg	✱	05/27/21 17:55	05/28/21 16:34	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00054	mg/Kg	✱	05/27/21 17:55	05/28/21 16:34	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00058	mg/Kg	✱	05/27/21 17:55	05/28/21 16:34	1
Dibromochloromethane	<0.0019		0.0019	0.00063	mg/Kg	✱	05/27/21 17:55	05/28/21 16:34	1
1,1-Dichloroethane	<0.0019		0.0019	0.00066	mg/Kg	✱	05/27/21 17:55	05/28/21 16:34	1
1,2-Dichloroethane	<0.0048		0.0048	0.0015	mg/Kg	✱	05/27/21 17:55	05/28/21 16:34	1
1,1-Dichloroethene	<0.0019		0.0019	0.00066	mg/Kg	✱	05/27/21 17:55	05/28/21 16:34	1
1,2-Dichloropropane	<0.0019		0.0019	0.00050	mg/Kg	✱	05/27/21 17:55	05/28/21 16:34	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00068	mg/Kg	✱	05/27/21 17:55	05/28/21 16:34	1
Ethylbenzene	<0.0019		0.0019	0.00092	mg/Kg	✱	05/27/21 17:55	05/28/21 16:34	1
2-Hexanone	<0.0048		0.0048	0.0015	mg/Kg	✱	05/27/21 17:55	05/28/21 16:34	1
Methylene Chloride	<0.0048		0.0048	0.0019	mg/Kg	✱	05/27/21 17:55	05/28/21 16:34	1
Methyl Ethyl Ketone	<0.0048		0.0048	0.0021	mg/Kg	✱	05/27/21 17:55	05/28/21 16:34	1
methyl isobutyl ketone	<0.0048		0.0048	0.0014	mg/Kg	✱	05/27/21 17:55	05/28/21 16:34	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00057	mg/Kg	✱	05/27/21 17:55	05/28/21 16:34	1
Styrene	<0.0019		0.0019	0.00058	mg/Kg	✱	05/27/21 17:55	05/28/21 16:34	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00062	mg/Kg	✱	05/27/21 17:55	05/28/21 16:34	1
Tetrachloroethene	<0.0019		0.0019	0.00066	mg/Kg	✱	05/27/21 17:55	05/28/21 16:34	1
Toluene	<0.0019		0.0019	0.00049	mg/Kg	✱	05/27/21 17:55	05/28/21 16:34	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00085	mg/Kg	✱	05/27/21 17:55	05/28/21 16:34	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00068	mg/Kg	✱	05/27/21 17:55	05/28/21 16:34	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00065	mg/Kg	✱	05/27/21 17:55	05/28/21 16:34	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00083	mg/Kg	✱	05/27/21 17:55	05/28/21 16:34	1
Trichloroethene	<0.0019		0.0019	0.00065	mg/Kg	✱	05/27/21 17:55	05/28/21 16:34	1
Vinyl chloride	<0.0019		0.0019	0.00085	mg/Kg	✱	05/27/21 17:55	05/28/21 16:34	1
Xylenes, Total	<0.0039		0.0039	0.00062	mg/Kg	✱	05/27/21 17:55	05/28/21 16:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		75 - 131	05/27/21 17:55	05/28/21 16:34	1
Dibromofluoromethane	101		75 - 126	05/27/21 17:55	05/28/21 16:34	1
1,2-Dichloroethane-d4 (Surr)	108		70 - 134	05/27/21 17:55	05/28/21 16:34	1
Toluene-d8 (Surr)	106		75 - 124	05/27/21 17:55	05/28/21 16:34	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.040	mg/Kg	✱	06/02/21 17:25	06/04/21 06:10	1
1,2-Dichlorobenzene	<0.18		0.18	0.044	mg/Kg	✱	06/02/21 17:25	06/04/21 06:10	1
1,3-Dichlorobenzene	<0.18		0.18	0.041	mg/Kg	✱	06/02/21 17:25	06/04/21 06:10	1
1,4-Dichlorobenzene	<0.18		0.18	0.047	mg/Kg	✱	06/02/21 17:25	06/04/21 06:10	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.043	mg/Kg	✱	06/02/21 17:25	06/04/21 06:10	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199753-1

**Client Sample ID: ROW-55(0-2)-052621**

**Lab Sample ID: 500-199753-10**

Date Collected: 05/26/21 15:20

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 89.9

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.084	mg/Kg	☆	06/02/21 17:25	06/04/21 06:10	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	☆	06/02/21 17:25	06/04/21 06:10	1
2,4-Dichlorophenol	<0.37		0.37	0.087	mg/Kg	☆	06/02/21 17:25	06/04/21 06:10	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	☆	06/02/21 17:25	06/04/21 06:10	1
2,4-Dinitrophenol	<0.74		0.74	0.65	mg/Kg	☆	06/02/21 17:25	06/04/21 06:10	1
2,4-Dinitrotoluene	<0.18		0.18	0.058	mg/Kg	☆	06/02/21 17:25	06/04/21 06:10	1
2,6-Dinitrotoluene	<0.18		0.18	0.072	mg/Kg	☆	06/02/21 17:25	06/04/21 06:10	1
2-Chloronaphthalene	<0.18		0.18	0.041	mg/Kg	☆	06/02/21 17:25	06/04/21 06:10	1
2-Chlorophenol	<0.18		0.18	0.063	mg/Kg	☆	06/02/21 17:25	06/04/21 06:10	1
2-Methylnaphthalene	<0.074		0.074	0.0068	mg/Kg	☆	06/02/21 17:25	06/04/21 06:10	1
2-Methylphenol	<0.18		0.18	0.059	mg/Kg	☆	06/02/21 17:25	06/04/21 06:10	1
2-Nitroaniline	<0.18		0.18	0.050	mg/Kg	☆	06/02/21 17:25	06/04/21 06:10	1
2-Nitrophenol	<0.37		0.37	0.087	mg/Kg	☆	06/02/21 17:25	06/04/21 06:10	1
3 & 4 Methylphenol	<0.18		0.18	0.061	mg/Kg	☆	06/02/21 17:25	06/04/21 06:10	1
3,3'-Dichlorobenzidine	<0.18	*- *3	0.18	0.052	mg/Kg	☆	06/02/21 17:25	06/04/21 06:10	1
3-Nitroaniline	<0.37		0.37	0.11	mg/Kg	☆	06/02/21 17:25	06/04/21 06:10	1
4,6-Dinitro-2-methylphenol	<0.74		0.74	0.30	mg/Kg	☆	06/02/21 17:25	06/04/21 06:10	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.049	mg/Kg	☆	06/02/21 17:25	06/04/21 06:10	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	☆	06/02/21 17:25	06/04/21 06:10	1
4-Chloroaniline	<0.74		0.74	0.17	mg/Kg	☆	06/02/21 17:25	06/04/21 06:10	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.043	mg/Kg	☆	06/02/21 17:25	06/04/21 06:10	1
4-Nitroaniline	<0.37	*-	0.37	0.15	mg/Kg	☆	06/02/21 17:25	06/04/21 06:10	1
4-Nitrophenol	<0.74		0.74	0.35	mg/Kg	☆	06/02/21 17:25	06/04/21 06:10	1
<b>Acenaphthene</b>	<b>0.014</b>	<b>J</b>	0.037	0.0066	mg/Kg	☆	06/02/21 17:25	06/04/21 06:10	1
<b>Acenaphthylene</b>	<b>0.010</b>	<b>J</b>	0.037	0.0049	mg/Kg	☆	06/02/21 17:25	06/04/21 06:10	1
<b>Anthracene</b>	<b>0.096</b>		0.037	0.0061	mg/Kg	☆	06/02/21 17:25	06/04/21 06:10	1
<b>Benzo[a]anthracene</b>	<b>0.42</b>	<b>*3</b>	0.037	0.0050	mg/Kg	☆	06/02/21 17:25	06/04/21 06:10	1
<b>Benzo[a]pyrene</b>	<b>0.53</b>	<b>*3</b>	0.037	0.0071	mg/Kg	☆	06/02/21 17:25	06/04/21 06:10	1
<b>Benzo[b]fluoranthene</b>	<b>0.79</b>	<b>*3</b>	0.037	0.0079	mg/Kg	☆	06/02/21 17:25	06/04/21 06:10	1
<b>Benzo[g,h,i]perylene</b>	<b>0.18</b>	<b>*3</b>	0.037	0.012	mg/Kg	☆	06/02/21 17:25	06/04/21 06:10	1
<b>Benzo[k]fluoranthene</b>	<b>0.33</b>	<b>*3</b>	0.037	0.011	mg/Kg	☆	06/02/21 17:25	06/04/21 06:10	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.038	mg/Kg	☆	06/02/21 17:25	06/04/21 06:10	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.055	mg/Kg	☆	06/02/21 17:25	06/04/21 06:10	1
Bis(2-ethylhexyl) phthalate	<0.18	*3	0.18	0.067	mg/Kg	☆	06/02/21 17:25	06/04/21 06:10	1
Butyl benzyl phthalate	<0.18	*3	0.18	0.070	mg/Kg	☆	06/02/21 17:25	06/04/21 06:10	1
<b>Carbazole</b>	<b>0.17</b>	<b>J</b>	0.18	0.092	mg/Kg	☆	06/02/21 17:25	06/04/21 06:10	1
<b>Chrysene</b>	<b>0.45</b>	<b>*3</b>	0.037	0.010	mg/Kg	☆	06/02/21 17:25	06/04/21 06:10	1
<b>Dibenz(a,h)anthracene</b>	<b>0.059</b>	<b>*3</b>	0.037	0.0071	mg/Kg	☆	06/02/21 17:25	06/04/21 06:10	1
Dibenzofuran	<0.18		0.18	0.043	mg/Kg	☆	06/02/21 17:25	06/04/21 06:10	1
Diethyl phthalate	<0.18		0.18	0.062	mg/Kg	☆	06/02/21 17:25	06/04/21 06:10	1
Dimethyl phthalate	<0.18		0.18	0.048	mg/Kg	☆	06/02/21 17:25	06/04/21 06:10	1
Di-n-butyl phthalate	<0.18		0.18	0.056	mg/Kg	☆	06/02/21 17:25	06/04/21 06:10	1
Di-n-octyl phthalate	<0.18		0.18	0.060	mg/Kg	☆	06/02/21 17:25	06/04/21 06:10	1
<b>Fluoranthene</b>	<b>0.58</b>		0.037	0.0068	mg/Kg	☆	06/02/21 17:25	06/04/21 06:10	1
<b>Fluorene</b>	<b>0.038</b>		0.037	0.0052	mg/Kg	☆	06/02/21 17:25	06/04/21 06:10	1
Hexachlorobenzene	<0.074		0.074	0.0085	mg/Kg	☆	06/02/21 17:25	06/04/21 06:10	1
Hexachlorobutadiene	<0.18		0.18	0.058	mg/Kg	☆	06/02/21 17:25	06/04/21 06:10	1
Hexachlorocyclopentadiene	<0.74		0.74	0.21	mg/Kg	☆	06/02/21 17:25	06/04/21 06:10	1
Hexachloroethane	<0.18		0.18	0.056	mg/Kg	☆	06/02/21 17:25	06/04/21 06:10	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199753-1

Client Sample ID: ROW-55(0-2)-052621

Lab Sample ID: 500-199753-10

Date Collected: 05/26/21 15:20

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 89.9

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.19	*3	0.037	0.0095	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
Isophorone	<0.18		0.18	0.041	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
Naphthalene	<0.037		0.037	0.0057	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
Nitrobenzene	<0.037		0.037	0.0092	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
N-Nitrosodi-n-propylamine	<0.074		0.074	0.045	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
N-Nitrosodiphenylamine	<0.18		0.18	0.043	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
Pentachlorophenol	<0.74		0.74	0.59	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
Phenanthrene	0.34		0.037	0.0051	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
Phenol	<0.18		0.18	0.082	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
Pyrene	1.4	*3	0.037	0.0073	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
2,4,6-Tribromophenol	73		31 - 143				06/02/21 17:25	06/04/21 06:10	1
2-Fluorobiphenyl	79		43 - 145				06/02/21 17:25	06/04/21 06:10	1
2-Fluorophenol	106		31 - 166				06/02/21 17:25	06/04/21 06:10	1
Nitrobenzene-d5	67		37 - 147				06/02/21 17:25	06/04/21 06:10	1
Phenol-d5	90		30 - 153				06/02/21 17:25	06/04/21 06:10	1
Terphenyl-d14	210	S1+ *3	42 - 157				06/02/21 17:25	06/04/21 06:10	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/02/21 18:20	06/03/21 11:09	1
Barium	0.48	J	0.50	0.050	mg/L		06/02/21 18:20	06/03/21 11:09	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/02/21 18:20	06/03/21 11:09	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/02/21 18:20	06/03/21 11:09	1
Chromium	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 11:09	1
Cobalt	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 11:09	1
Copper	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 11:09	1
Iron	<0.40	*+	0.40	0.20	mg/L		06/02/21 18:20	06/03/21 11:09	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/02/21 18:20	06/03/21 11:09	1
Manganese	1.2		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 11:09	1
Nickel	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 11:09	1
Selenium	<0.050		0.050	0.020	mg/L		06/02/21 18:20	06/03/21 11:09	1
Silver	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 11:09	1
Zinc	0.10	J	0.50	0.020	mg/L		06/02/21 18:20	06/03/21 11:09	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.067		0.050	0.010	mg/L		06/03/21 08:08	06/03/21 21:36	1
Barium	0.41	J	0.50	0.050	mg/L		06/03/21 08:08	06/03/21 21:36	1
Beryllium	0.0068		0.0040	0.0040	mg/L		06/03/21 08:08	06/03/21 21:36	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 08:08	06/03/21 21:36	1
Chromium	0.13		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:36	1
Cobalt	0.055		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:36	1
Copper	0.16		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:36	1
Iron	140		0.40	0.20	mg/L		06/03/21 08:08	06/03/21 21:36	1
Lead	0.11		0.0075	0.0075	mg/L		06/03/21 08:08	06/03/21 21:36	1
Manganese	0.64		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:36	1
Nickel	0.16		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:36	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 08:08	06/03/21 21:36	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199753-1

**Client Sample ID: ROW-55(0-2)-052621**

**Lab Sample ID: 500-199753-10**

Date Collected: 05/26/21 15:20

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 89.9

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:36	1
Zinc	0.39	J	0.50	0.020	mg/L		06/03/21 08:08	06/03/21 21:36	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.69	J	1.1	0.20	mg/Kg	☆	06/02/21 08:22	06/02/21 19:22	1
Arsenic	5.7		0.53	0.18	mg/Kg	☆	06/02/21 08:22	06/02/21 19:22	1
Barium	77		0.53	0.060	mg/Kg	☆	06/02/21 08:22	06/02/21 19:22	1
Beryllium	0.61		0.21	0.049	mg/Kg	☆	06/02/21 08:22	06/02/21 19:22	1
Cadmium	0.30		0.11	0.019	mg/Kg	☆	06/02/21 08:22	06/02/21 19:22	1
Calcium	94000	B	53	8.9	mg/Kg	☆	06/02/21 08:22	06/03/21 14:55	5
Chromium	22		0.53	0.26	mg/Kg	☆	06/02/21 08:22	06/02/21 19:22	1
Cobalt	11		0.26	0.069	mg/Kg	☆	06/02/21 08:22	06/02/21 19:22	1
Copper	23		0.53	0.15	mg/Kg	☆	06/02/21 08:22	06/02/21 19:22	1
Iron	21000		53	27	mg/Kg	☆	06/02/21 08:22	06/03/21 14:55	5
Lead	21		0.26	0.12	mg/Kg	☆	06/02/21 08:22	06/02/21 19:22	1
Magnesium	54000		26	13	mg/Kg	☆	06/02/21 08:22	06/03/21 14:55	5
Manganese	490	B	0.53	0.076	mg/Kg	☆	06/02/21 08:22	06/02/21 19:22	1
Nickel	23		0.53	0.15	mg/Kg	☆	06/02/21 08:22	06/02/21 19:22	1
Potassium	1800		26	9.3	mg/Kg	☆	06/02/21 08:22	06/02/21 19:22	1
Selenium	<0.53		0.53	0.31	mg/Kg	☆	06/02/21 08:22	06/02/21 19:22	1
Silver	0.34		0.26	0.068	mg/Kg	☆	06/02/21 08:22	06/02/21 19:22	1
Sodium	1100	B	53	7.8	mg/Kg	☆	06/02/21 08:22	06/02/21 19:22	1
Thallium	0.89		0.53	0.26	mg/Kg	☆	06/02/21 08:22	06/02/21 19:22	1
Vanadium	21		0.26	0.062	mg/Kg	☆	06/02/21 08:22	06/02/21 19:22	1
Zinc	98		1.1	0.46	mg/Kg	☆	06/02/21 08:22	06/02/21 19:22	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/02/21 15:20	06/03/21 09:52	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/21 10:00	06/04/21 11:11	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.020		0.016	0.0054	mg/Kg	☆	06/02/21 12:50	06/03/21 08:02	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.8		0.2	0.2	SU			06/01/21 15:05	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199753-1

**Client Sample ID: ROW-57(0-2)-052621**

**Lab Sample ID: 500-199753-11**

**Date Collected: 05/26/21 15:30**

**Matrix: Solid**

**Date Received: 05/26/21 17:18**

**Percent Solids: 91.7**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018		0.018	0.0080	mg/Kg	☼	05/27/21 17:55	05/28/21 16:59	1
Benzene	<0.0018		0.0018	0.00047	mg/Kg	☼	05/27/21 17:55	05/28/21 16:59	1
Bromodichloromethane	<0.0018		0.0018	0.00037	mg/Kg	☼	05/27/21 17:55	05/28/21 16:59	1
Bromoform	<0.0018		0.0018	0.00054	mg/Kg	☼	05/27/21 17:55	05/28/21 16:59	1
Bromomethane	<0.0046		0.0046	0.0017	mg/Kg	☼	05/27/21 17:55	05/28/21 16:59	1
Carbon disulfide	<0.0046		0.0046	0.00096	mg/Kg	☼	05/27/21 17:55	05/28/21 16:59	1
Carbon tetrachloride	<0.0018		0.0018	0.00053	mg/Kg	☼	05/27/21 17:55	05/28/21 16:59	1
Chlorobenzene	<0.0018		0.0018	0.00068	mg/Kg	☼	05/27/21 17:55	05/28/21 16:59	1
Chloroethane	<0.0046		0.0046	0.0014	mg/Kg	☼	05/27/21 17:55	05/28/21 16:59	1
Chloroform	<0.0018		0.0018	0.00064	mg/Kg	☼	05/27/21 17:55	05/28/21 16:59	1
Chloromethane	<0.0046		0.0046	0.0018	mg/Kg	☼	05/27/21 17:55	05/28/21 16:59	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00051	mg/Kg	☼	05/27/21 17:55	05/28/21 16:59	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00055	mg/Kg	☼	05/27/21 17:55	05/28/21 16:59	1
Dibromochloromethane	<0.0018		0.0018	0.00060	mg/Kg	☼	05/27/21 17:55	05/28/21 16:59	1
1,1-Dichloroethane	<0.0018		0.0018	0.00063	mg/Kg	☼	05/27/21 17:55	05/28/21 16:59	1
1,2-Dichloroethane	<0.0046		0.0046	0.0014	mg/Kg	☼	05/27/21 17:55	05/28/21 16:59	1
1,1-Dichloroethene	<0.0018		0.0018	0.00063	mg/Kg	☼	05/27/21 17:55	05/28/21 16:59	1
1,2-Dichloropropane	<0.0018		0.0018	0.00048	mg/Kg	☼	05/27/21 17:55	05/28/21 16:59	1
1,3-Dichloropropane, Total	<0.0018		0.0018	0.00065	mg/Kg	☼	05/27/21 17:55	05/28/21 16:59	1
Ethylbenzene	<0.0018		0.0018	0.00088	mg/Kg	☼	05/27/21 17:55	05/28/21 16:59	1
2-Hexanone	<0.0046		0.0046	0.0014	mg/Kg	☼	05/27/21 17:55	05/28/21 16:59	1
Methylene Chloride	<0.0046		0.0046	0.0018	mg/Kg	☼	05/27/21 17:55	05/28/21 16:59	1
Methyl Ethyl Ketone	<0.0046		0.0046	0.0020	mg/Kg	☼	05/27/21 17:55	05/28/21 16:59	1
methyl isobutyl ketone	<0.0046		0.0046	0.0014	mg/Kg	☼	05/27/21 17:55	05/28/21 16:59	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00054	mg/Kg	☼	05/27/21 17:55	05/28/21 16:59	1
Styrene	<0.0018		0.0018	0.00056	mg/Kg	☼	05/27/21 17:55	05/28/21 16:59	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00059	mg/Kg	☼	05/27/21 17:55	05/28/21 16:59	1
Tetrachloroethene	<0.0018		0.0018	0.00063	mg/Kg	☼	05/27/21 17:55	05/28/21 16:59	1
Toluene	<0.0018		0.0018	0.00046	mg/Kg	☼	05/27/21 17:55	05/28/21 16:59	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00081	mg/Kg	☼	05/27/21 17:55	05/28/21 16:59	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00065	mg/Kg	☼	05/27/21 17:55	05/28/21 16:59	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00062	mg/Kg	☼	05/27/21 17:55	05/28/21 16:59	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00079	mg/Kg	☼	05/27/21 17:55	05/28/21 16:59	1
Trichloroethene	<0.0018		0.0018	0.00062	mg/Kg	☼	05/27/21 17:55	05/28/21 16:59	1
Vinyl chloride	<0.0018		0.0018	0.00081	mg/Kg	☼	05/27/21 17:55	05/28/21 16:59	1
Xylenes, Total	<0.0037		0.0037	0.00059	mg/Kg	☼	05/27/21 17:55	05/28/21 16:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		75 - 131	05/27/21 17:55	05/28/21 16:59	1
Dibromofluoromethane	101		75 - 126	05/27/21 17:55	05/28/21 16:59	1
1,2-Dichloroethane-d4 (Surr)	108		70 - 134	05/27/21 17:55	05/28/21 16:59	1
Toluene-d8 (Surr)	107		75 - 124	05/27/21 17:55	05/28/21 16:59	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.039	mg/Kg	☼	06/02/21 17:25	06/03/21 17:19	1
1,2-Dichlorobenzene	<0.18		0.18	0.043	mg/Kg	☼	06/02/21 17:25	06/03/21 17:19	1
1,3-Dichlorobenzene	<0.18		0.18	0.040	mg/Kg	☼	06/02/21 17:25	06/03/21 17:19	1
1,4-Dichlorobenzene	<0.18		0.18	0.046	mg/Kg	☼	06/02/21 17:25	06/03/21 17:19	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.042	mg/Kg	☼	06/02/21 17:25	06/03/21 17:19	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199753-1

**Client Sample ID: ROW-57(0-2)-052621**

**Lab Sample ID: 500-199753-11**

Date Collected: 05/26/21 15:30

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 91.7

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.36		0.36	0.082	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
2,4,6-Trichlorophenol	<0.36		0.36	0.12	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
2,4-Dichlorophenol	<0.36		0.36	0.085	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
2,4-Dimethylphenol	<0.36		0.36	0.14	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
2,4-Dinitrophenol	<0.72		0.72	0.63	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
2,4-Dinitrotoluene	<0.18		0.18	0.057	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
2,6-Dinitrotoluene	<0.18		0.18	0.071	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
2-Chloronaphthalene	<0.18		0.18	0.040	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
2-Chlorophenol	<0.18		0.18	0.061	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
2-Methylnaphthalene	<0.072		0.072	0.0066	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
2-Methylphenol	<0.18		0.18	0.058	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
2-Nitroaniline	<0.18		0.18	0.048	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
2-Nitrophenol	<0.36		0.36	0.085	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
3 & 4 Methylphenol	<0.18		0.18	0.060	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
3,3'-Dichlorobenzidine	<0.18	*- *3	0.18	0.050	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
3-Nitroaniline	<0.36		0.36	0.11	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
4,6-Dinitro-2-methylphenol	<0.72		0.72	0.29	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.047	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
4-Chloro-3-methylphenol	<0.36		0.36	0.12	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
4-Chloroaniline	<0.72		0.72	0.17	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.042	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
4-Nitroaniline	<0.36	*-	0.36	0.15	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
4-Nitrophenol	<0.72		0.72	0.34	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
Acenaphthene	<0.036		0.036	0.0065	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
<b>Acenaphthylene</b>	<b>0.0068</b>	<b>J</b>	0.036	0.0047	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
<b>Anthracene</b>	<b>0.013</b>	<b>J</b>	0.036	0.0060	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
<b>Benzo[a]anthracene</b>	<b>0.052</b>	<b>*3</b>	0.036	0.0048	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
<b>Benzo[a]pyrene</b>	<b>0.053</b>	<b>*3</b>	0.036	0.0069	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
<b>Benzo[b]fluoranthene</b>	<b>0.062</b>	<b>*3</b>	0.036	0.0077	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
Benzo[g,h,i]perylene	<0.036	*3	0.036	0.012	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
<b>Benzo[k]fluoranthene</b>	<b>0.035</b>	<b>J *3</b>	0.036	0.011	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.037	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.054	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
Bis(2-ethylhexyl) phthalate	<0.18	*3	0.18	0.066	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
Butyl benzyl phthalate	<0.18	*3	0.18	0.068	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
Carbazole	<0.18		0.18	0.090	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
<b>Chrysene</b>	<b>0.071</b>	<b>*3</b>	0.036	0.0098	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
Dibenz(a,h)anthracene	<0.036	*3	0.036	0.0069	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
Dibenzofuran	<0.18		0.18	0.042	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
Diethyl phthalate	<0.18		0.18	0.061	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
Dimethyl phthalate	<0.18		0.18	0.047	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
Di-n-butyl phthalate	<0.18		0.18	0.055	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
Di-n-octyl phthalate	<0.18		0.18	0.059	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
<b>Fluoranthene</b>	<b>0.078</b>		0.036	0.0067	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
Fluorene	<0.036		0.036	0.0050	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
Hexachlorobenzene	<0.072		0.072	0.0083	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
Hexachlorobutadiene	<0.18		0.18	0.056	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
Hexachlorocyclopentadiene	<0.72		0.72	0.21	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
Hexachloroethane	<0.18		0.18	0.055	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1

Euofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199753-1

**Client Sample ID: ROW-57(0-2)-052621**

**Lab Sample ID: 500-199753-11**

Date Collected: 05/26/21 15:30

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 91.7

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.029	J *3	0.036	0.0093	mg/Kg	☼	06/02/21 17:25	06/03/21 17:19	1
Isophorone	<0.18		0.18	0.040	mg/Kg	☼	06/02/21 17:25	06/03/21 17:19	1
Naphthalene	0.0062	J	0.036	0.0055	mg/Kg	☼	06/02/21 17:25	06/03/21 17:19	1
Nitrobenzene	<0.036		0.036	0.0090	mg/Kg	☼	06/02/21 17:25	06/03/21 17:19	1
N-Nitrosodi-n-propylamine	<0.072		0.072	0.044	mg/Kg	☼	06/02/21 17:25	06/03/21 17:19	1
N-Nitrosodiphenylamine	<0.18		0.18	0.042	mg/Kg	☼	06/02/21 17:25	06/03/21 17:19	1
Pentachlorophenol	<0.72		0.72	0.58	mg/Kg	☼	06/02/21 17:25	06/03/21 17:19	1
Phenanthrene	0.061		0.036	0.0050	mg/Kg	☼	06/02/21 17:25	06/03/21 17:19	1
Phenol	<0.18		0.18	0.080	mg/Kg	☼	06/02/21 17:25	06/03/21 17:19	1
Pyrene	0.23	*3	0.036	0.0071	mg/Kg	☼	06/02/21 17:25	06/03/21 17:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	75		31 - 143	06/02/21 17:25	06/03/21 17:19	1
2-Fluorobiphenyl	87		43 - 145	06/02/21 17:25	06/03/21 17:19	1
2-Fluorophenol	87		31 - 166	06/02/21 17:25	06/03/21 17:19	1
Nitrobenzene-d5	84		37 - 147	06/02/21 17:25	06/03/21 17:19	1
Phenol-d5	90		30 - 153	06/02/21 17:25	06/03/21 17:19	1
Terphenyl-d14	265	S1+ *3	42 - 157	06/02/21 17:25	06/03/21 17:19	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/02/21 18:20	06/03/21 11:13	1
Barium	0.45	J	0.50	0.050	mg/L		06/02/21 18:20	06/03/21 11:13	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/02/21 18:20	06/03/21 11:13	1
Cadmium	0.0026	J	0.0050	0.0020	mg/L		06/02/21 18:20	06/03/21 11:13	1
Chromium	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 11:13	1
Cobalt	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 11:13	1
Copper	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 11:13	1
Iron	<0.40	*+	0.40	0.20	mg/L		06/02/21 18:20	06/03/21 11:13	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/02/21 18:20	06/03/21 11:13	1
Manganese	2.1		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 11:13	1
Nickel	0.020	J	0.025	0.010	mg/L		06/02/21 18:20	06/03/21 11:13	1
Selenium	<0.050		0.050	0.020	mg/L		06/02/21 18:20	06/03/21 11:13	1
Silver	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 11:13	1
Zinc	0.066	J	0.50	0.020	mg/L		06/02/21 18:20	06/03/21 11:13	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.059	F1	0.050	0.010	mg/L		06/03/21 08:08	06/03/21 21:50	1
Barium	0.36	J F1	0.50	0.050	mg/L		06/03/21 08:08	06/03/21 21:50	1
Beryllium	0.0060	F1	0.0040	0.0040	mg/L		06/03/21 08:08	06/03/21 21:50	1
Cadmium	<0.0050	F1	0.0050	0.0020	mg/L		06/03/21 08:08	06/03/21 21:50	1
Chromium	0.12	F1	0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:50	1
Cobalt	0.051	F1	0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:50	1
Copper	0.15	F1	0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:50	1
Iron	130		0.40	0.20	mg/L		06/03/21 08:08	06/03/21 21:50	1
Lead	0.14	F1	0.0075	0.0075	mg/L		06/03/21 08:08	06/03/21 21:50	1
Manganese	0.76	F1	0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:50	1
Nickel	0.14	F1	0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:50	1
Selenium	<0.050	F1	0.050	0.020	mg/L		06/03/21 08:08	06/03/21 21:50	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199753-1

**Client Sample ID: ROW-57(0-2)-052621**

**Lab Sample ID: 500-199753-11**

Date Collected: 05/26/21 15:30

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 91.7

### Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025	F1	0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:50	1
Zinc	0.42	J F1	0.50	0.020	mg/L		06/03/21 08:08	06/03/21 21:50	1

### Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.51	J	1.1	0.21	mg/Kg	☆	06/02/21 08:22	06/02/21 19:26	1
Arsenic	5.2		0.54	0.19	mg/Kg	☆	06/02/21 08:22	06/02/21 19:26	1
Barium	36		0.54	0.062	mg/Kg	☆	06/02/21 08:22	06/02/21 19:26	1
Beryllium	0.53		0.22	0.051	mg/Kg	☆	06/02/21 08:22	06/02/21 19:26	1
Cadmium	0.37		0.11	0.019	mg/Kg	☆	06/02/21 08:22	06/02/21 19:26	1
Calcium	110000	B	54	9.2	mg/Kg	☆	06/02/21 08:22	06/03/21 14:59	5
Chromium	16		0.54	0.27	mg/Kg	☆	06/02/21 08:22	06/02/21 19:26	1
Cobalt	7.9		0.27	0.071	mg/Kg	☆	06/02/21 08:22	06/02/21 19:26	1
Copper	21		0.54	0.15	mg/Kg	☆	06/02/21 08:22	06/02/21 19:26	1
Iron	18000		54	28	mg/Kg	☆	06/02/21 08:22	06/03/21 14:59	5
Lead	44		0.27	0.13	mg/Kg	☆	06/02/21 08:22	06/02/21 19:26	1
Magnesium	63000		27	13	mg/Kg	☆	06/02/21 08:22	06/03/21 14:59	5
Manganese	390	B	0.54	0.078	mg/Kg	☆	06/02/21 08:22	06/02/21 19:26	1
Nickel	20		0.54	0.16	mg/Kg	☆	06/02/21 08:22	06/02/21 19:26	1
Potassium	1400		27	9.6	mg/Kg	☆	06/02/21 08:22	06/02/21 19:26	1
Selenium	<0.54		0.54	0.32	mg/Kg	☆	06/02/21 08:22	06/02/21 19:26	1
Silver	0.27		0.27	0.070	mg/Kg	☆	06/02/21 08:22	06/02/21 19:26	1
Sodium	1100	B	54	8.0	mg/Kg	☆	06/02/21 08:22	06/02/21 19:26	1
Thallium	0.82		0.54	0.27	mg/Kg	☆	06/02/21 08:22	06/02/21 19:26	1
Vanadium	17		0.27	0.064	mg/Kg	☆	06/02/21 08:22	06/02/21 19:26	1
Zinc	85		1.1	0.48	mg/Kg	☆	06/02/21 08:22	06/02/21 19:26	1

### Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/02/21 15:20	06/03/21 09:59	1

### Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/21 10:00	06/04/21 11:13	1

### Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.015	J	0.017	0.0058	mg/Kg	☆	06/02/21 12:50	06/03/21 08:04	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.7		0.2	0.2	SU			06/01/21 15:07	1

# Definitions/Glossary

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199753-1

## Qualifiers

### GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*3	ISTD response or retention time outside acceptable limits.
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
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, high biased.

### Metals

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
F3	Duplicate RPD exceeds the control limit
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)

Eurofins TestAmerica, Chicago

# Definitions/Glossary

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199753-1

## 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 - I-80 - WO 019

Job ID: 500-199753-1

## Laboratory: Eurofins TestAmerica, Chicago

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	IL00035	04-29-22

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# Chain of Custody Record

533084




Environment Testing  
TestAmerica

TAL-8210

Address: \_\_\_\_\_

Regulatory Program:  DW  NPDES  RCRA  Other

<b>Client Contact</b>		<b>Project Manager:</b> <u>Ardus Slezars</u>		<b>Site Contact:</b>		<b>Date:</b>		<b>COC No</b>					
Company Name <u>Weston Solutions</u>		Tel/Email:		Lab Contact:		Carrier:		____ of <u>3</u> COCs					
Address <u>350 Plaza Cir. Ste 202</u>		<b>Analysis Turnaround Time</b> <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____ <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day											
City/State/Zip <u>Mundelein IL 60060</u>													
Phone _____		Sample Date   Sample Time   Sample Type (C=Comp, G=Grab)   Matrix   # of Cont.		Filtered Sample (Y/N)   Perform MS /MSD (Y/N)   VOCs   SVOCs   Total Metals   PCB/SLP Metals   pH		 500-199753 COC		For Lab Use Only: Walk-in Client: _____ Lab Sampling: _____					
Fax _____								Job / SDG No. <u>500-199753</u>					
Project Name <u>TJOT T 50</u>								Sample Specific Notes.					
Site _____													
P O # _____													
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS /MSD (Y/N)	VOCs	SVOCs	Total Metals	PCB/SLP Metals	pH
<u>ROW-23(0-2)-052621</u>		<u>5/26/21</u>	<u>1120</u>	<u>W</u>	<u>S</u>	<u>6</u>			<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
<u>ROW-25(0-2)-052621</u>			<u>1140</u>						<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
<u>ROW-27(0-2)-052621</u>			<u>1155</u>						<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
<u>ROW-29(0-2)-052621</u>			<u>1215</u>						<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
<u>ROW-31(0-2)-052621</u>			<u>1230</u>						<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
<u>ROW-33(0-2)-052621</u>			<u>1245</u>						<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
<u>ROW-35(0-2)-052621</u>			<u>1300</u>						<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
<u>ROW-37(0-2)-052621</u>			<u>1315</u>						<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
<u>ROW-39(0-2)-052621</u>			<u>1330</u>						<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
<u>ROW-39(0-2)-052621</u>			<u>1330</u>						<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
<u>ROW-41(0-2)-052621</u>			<u>1350</u>						<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
<u>ROW-43(0-2)-052621</u>			<u>1405</u>						<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other													
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown							Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months						
Special Instructions/QC Requirements & Comments: <u>4.9 → 4.7, 3.8 → 3.6, 5.1 → 4.9, 2.2 → 2.0, 5.8 → 5.6</u>													
Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No _____		Cooler Temp (°C). Obs'd _____ Corr'd _____		Therm ID No _____							
Relinquished by: <u>[Signature]</u>		Company: <u>Weston</u>		Date/Time: <u>5/26/21 1510</u>		Received by: <u>[Signature]</u>		Company: <u>ETA</u>		Date/Time: <u>5/26/21 1610</u>			
Relinquished by: <u>[Signature]</u>		Company: <u>ETA</u>		Date/Time: <u>5/26/21 1718</u>		Received by: <u>[Signature]</u>		Company: <u>ETA</u>		Date/Time: <u>5/26/21 1718</u>			
Relinquished by: _____		Company: _____		Date/Time: _____		Received in Laboratory by: <u>[Signature]</u>		Company: <u>GTA CHI</u>		Date/Time: <u>5/26/21 1718</u>			

Address \_\_\_\_\_

Regulatory Program:  DW  NPDES  RCRA  Other

<b>Client Contact</b> Company Name <u>Western Solutions</u> Address <u>300 Plaza Cir. Ste 202</u> City/State/Zip <u>Murderh, IL 60650</u> Phone _____ Fax _____ Project Name <u>IDOT 2-80</u> Site _____ P O # _____		<b>Project Manager:</b> <u>Andris Jersars</u> Tel/Email _____		<b>Site Contact:</b> _____ Lab Contact _____		Date _____ Carrier _____		COC No <u>3</u> of <u>3</u> COCs Sampler _____ For Lab Use Only Walk-in Client <input type="checkbox"/> Lab Sampling <input type="checkbox"/> Job / SDG No <u>500-199753</u>											
<b>Analysis Turnaround Time</b> <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____ <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Sample Type (C=Comp, G=Grab) _____ Matrix _____ # of Cont. _____		Filtered Sample (Y/N) _____ Perform MS / MSD (Y/N) _____ VOCs _____ SVOCs _____ Total Metal _____ TRLP / HPLC Details _____ pH _____		Sample Specific Notes													
<b>Sample Identification</b>		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	VOCs	SVOCs	Total Metal	TRLP / HPLC Details	pH	Sample Specific Notes					
5	ROW-45(0-2)-052621	5/26/21	1420	G	S	6			X	X	X	X	X						
6	ROW-47(0-2)-052621		1435						X	X	X	X	X						
7	ROW-49(0-2)-052621		1445						X	X	X	X	X						
8	ROW-51(0-2)-052621		1500						X	X	X	X	X						
9	ROW-53(0-2)-052621		1510						X	X	X	X	X						
10	ROW-55(0-2)-052621		1520						X	X	X	X	X						
11	ROW-57(0-2)-052621		1530						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 <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown					Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months				
Special Instructions/QC Requirements & Comments:																			
Custody Seals Intact. <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No _____			Cooler Temp (°C) Obs'd _____ Corr'd _____			Therm ID No _____											
Relinquished by: <u>[Signature]</u>		Company: <u>Western</u>			Date/Time: <u>5/26 1610</u>			Received by: <u>P. Neal</u>			Company: <u>EA</u>			Date/Time: <u>5/26/21 1610</u>					
Relinquished by: <u>[Signature]</u>		Company: <u>EA</u>			Date/Time: <u>5/26/21 1718</u>			Received by: _____			Company: _____			Date/Time: _____					
Relinquished by: _____		Company: _____			Date/Time: _____			Received in Laboratory by: <u>Paula Buckley</u>			Company: <u>EA CH1</u>			Date/Time: <u>5/26/21 1718</u>					

## ANALYTICAL REPORT

Eurofins TestAmerica, Chicago  
2417 Bond Street  
University Park, IL 60484  
Tel: (708)534-5200

Laboratory Job ID: 500-199752-1  
Client Project/Site: IDOT - I-80 - WO 019

**For:**

Weston Solutions, Inc.  
300 Plaza Circle, Suite 202  
Mundelein, Illinois 60060

Attn: Mr. Andris Slesers



Authorized for release by:  
6/7/2021 2:42:41 PM

Richard Wright, Senior Project Manager  
(708)746-0045  
[Richard.Wright@Eurofinset.com](mailto:Richard.Wright@Eurofinset.com)

### LINKS

Review your project  
results through  
**TotalAccess**

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*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-1(0-2)-052621**

**Lab Sample ID: 500-199752-1**

**Date Collected: 05/26/21 08:20**

**Matrix: Solid**

**Date Received: 05/26/21 17:18**

**Percent Solids: 89.0**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0070	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
Benzene	<0.0016		0.0016	0.00041	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
Bromodichloromethane	<0.0016		0.0016	0.00032	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
Bromoform	<0.0016		0.0016	0.00047	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
Bromomethane	<0.0040		0.0040	0.0015	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
Carbon disulfide	<0.0040		0.0040	0.00083	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
Carbon tetrachloride	<0.0016		0.0016	0.00046	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
Chlorobenzene	<0.0016		0.0016	0.00059	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
Chloroethane	<0.0040		0.0040	0.0012	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
Chloroform	<0.0016		0.0016	0.00055	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
Chloromethane	<0.0040		0.0040	0.0016	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00045	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00048	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
Dibromochloromethane	<0.0016		0.0016	0.00052	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
1,1-Dichloroethane	<0.0016		0.0016	0.00055	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
1,2-Dichloroethane	<0.0040		0.0040	0.0012	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
1,1-Dichloroethene	<0.0016		0.0016	0.00055	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
1,2-Dichloropropane	<0.0016		0.0016	0.00041	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00056	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
Ethylbenzene	<0.0016		0.0016	0.00076	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
2-Hexanone	<0.0040		0.0040	0.0012	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
Methylene Chloride	<0.0040		0.0040	0.0016	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
Methyl Ethyl Ketone	<0.0040		0.0040	0.0018	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
methyl isobutyl ketone	<0.0040		0.0040	0.0012	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00047	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
Styrene	<0.0016		0.0016	0.00048	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00051	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
Tetrachloroethene	<0.0016		0.0016	0.00054	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
Toluene	<0.0016		0.0016	0.00040	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00071	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00056	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00054	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00068	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
Trichloroethene	<0.0016		0.0016	0.00054	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
Vinyl chloride	<0.0016		0.0016	0.00071	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
Xylenes, Total	<0.0032		0.0032	0.00051	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		75 - 131	05/27/21 17:55	05/28/21 17:24	1
Dibromofluoromethane	104		75 - 126	05/27/21 17:55	05/28/21 17:24	1
1,2-Dichloroethane-d4 (Surr)	115		70 - 134	05/27/21 17:55	05/28/21 17:24	1
Toluene-d8 (Surr)	103		75 - 124	05/27/21 17:55	05/28/21 17:24	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	☼	06/02/21 07:17	06/03/21 00:19	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	☼	06/02/21 07:17	06/03/21 00:19	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	06/02/21 07:17	06/03/21 00:19	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	☼	06/02/21 07:17	06/03/21 00:19	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	☼	06/02/21 07:17	06/03/21 00:19	1

Eurofins TestAmerica, Chicago

## Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

Client Sample ID: ROW-1(0-2)-052621

Lab Sample ID: 500-199752-1

Date Collected: 05/26/21 08:20

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 89.0

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.085	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
2,4-Dichlorophenol	<0.37		0.37	0.088	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
2,4-Dinitrophenol	<0.75	F1	0.75	0.66	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
2,4-Dinitrotoluene	<0.19	F1 F2	0.19	0.059	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
2,6-Dinitrotoluene	<0.19	F1	0.19	0.073	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
2-Chlorophenol	<0.19		0.19	0.064	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
<b>2-Methylnaphthalene</b>	<b>0.013</b>	<b>J</b>	0.075	0.0069	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
2-Nitrophenol	<0.37	F1	0.37	0.088	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
3 & 4 Methylphenol	<0.19		0.19	0.062	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
3,3'-Dichlorobenzidine	<0.19	F1	0.19	0.052	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
3-Nitroaniline	<0.37	F2	0.37	0.12	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
4,6-Dinitro-2-methylphenol	<0.75	F1	0.75	0.30	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
4-Chloroaniline	<0.75	F1 F2	0.75	0.17	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
4-Nitroaniline	<0.37	F1 F2	0.37	0.16	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
4-Nitrophenol	<0.75		0.75	0.35	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
<b>Acenaphthene</b>	<b>0.030</b>	<b>J</b>	0.037	0.0067	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
<b>Acenaphthylene</b>	<b>0.0071</b>	<b>J</b>	0.037	0.0049	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
<b>Anthracene</b>	<b>0.099</b>		0.037	0.0062	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
<b>Benzo[a]anthracene</b>	<b>0.37</b>		0.037	0.0050	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
<b>Benzo[a]pyrene</b>	<b>0.43</b>	<b>*3 F1</b>	0.037	0.0072	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
<b>Benzo[b]fluoranthene</b>	<b>0.72</b>	<b>*3 F1</b>	0.037	0.0080	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
<b>Benzo[g,h,i]perylene</b>	<b>0.13</b>	<b>*3 F1</b>	0.037	0.012	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
<b>Benzo[k]fluoranthene</b>	<b>0.30</b>	<b>*3</b>	0.037	0.011	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
Bis(2-chloroethyl)ether	<0.19	F1 F2	0.19	0.056	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
<b>Bis(2-ethylhexyl) phthalate</b>	<b>0.074</b>	<b>J F1</b>	0.19	0.068	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
<b>Butyl benzyl phthalate</b>	<b>0.36</b>	<b>F1</b>	0.19	0.071	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
<b>Carbazole</b>	<b>0.18</b>	<b>J</b>	0.19	0.093	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
<b>Chrysene</b>	<b>0.43</b>		0.037	0.010	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
<b>Dibenz(a,h)anthracene</b>	<b>0.045</b>	<b>*3 F1</b>	0.037	0.0072	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
Diethyl phthalate	<0.19		0.19	0.063	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
Di-n-octyl phthalate	<0.19	F1	0.19	0.061	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
<b>Fluoranthene</b>	<b>0.82</b>	<b>F1</b>	0.037	0.0069	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
<b>Fluorene</b>	<b>0.054</b>		0.037	0.0052	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
Hexachlorobenzene	<0.075		0.075	0.0086	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
Hexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
Hexachlorocyclopentadiene	<0.75	F1	0.75	0.21	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
Hexachloroethane	<0.19	F1	0.19	0.057	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-1(0-2)-052621**

**Lab Sample ID: 500-199752-1**

Date Collected: 05/26/21 08:20

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 89.0

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.12</b>	<b>*3 F1</b>	0.037	0.0097	mg/Kg	☼	06/02/21 07:17	06/03/21 00:19	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	06/02/21 07:17	06/03/21 00:19	1
<b>Naphthalene</b>	<b>0.017</b>	<b>J</b>	0.037	0.0057	mg/Kg	☼	06/02/21 07:17	06/03/21 00:19	1
Nitrobenzene	<0.037		0.037	0.0093	mg/Kg	☼	06/02/21 07:17	06/03/21 00:19	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.046	mg/Kg	☼	06/02/21 07:17	06/03/21 00:19	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☼	06/02/21 07:17	06/03/21 00:19	1
Pentachlorophenol	<0.75	*- F2	0.75	0.60	mg/Kg	☼	06/02/21 07:17	06/03/21 00:19	1
<b>Phenanthrene</b>	<b>0.43</b>		0.037	0.0052	mg/Kg	☼	06/02/21 07:17	06/03/21 00:19	1
Phenol	<0.19		0.19	0.083	mg/Kg	☼	06/02/21 07:17	06/03/21 00:19	1
<b>Pyrene</b>	<b>1.2</b>	<b>F1</b>	0.037	0.0074	mg/Kg	☼	06/02/21 07:17	06/03/21 00:19	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
2,4,6-Tribromophenol	71		31 - 143				06/02/21 07:17	06/03/21 00:19	1
2-Fluorobiphenyl	74		43 - 145				06/02/21 07:17	06/03/21 00:19	1
2-Fluorophenol	93		31 - 166				06/02/21 07:17	06/03/21 00:19	1
Nitrobenzene-d5	69		37 - 147				06/02/21 07:17	06/03/21 00:19	1
Phenol-d5	74		30 - 153				06/02/21 07:17	06/03/21 00:19	1
Terphenyl-d14	153		42 - 157				06/02/21 07:17	06/03/21 00:19	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/01/21 18:18	06/02/21 11:39	1
<b>Barium</b>	<b>0.44</b>	<b>J</b>	0.50	0.050	mg/L		06/01/21 18:18	06/02/21 11:39	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/01/21 18:18	06/02/21 11:39	1
<b>Cadmium</b>	<b>0.0026</b>	<b>J</b>	0.0050	0.0020	mg/L		06/01/21 18:18	06/02/21 11:39	1
Chromium	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:39	1
Cobalt	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:39	1
Copper	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:39	1
Iron	<0.40		0.40	0.20	mg/L		06/01/21 18:18	06/02/21 11:39	1
<b>Lead</b>	<b>0.0098</b>		0.0075	0.0075	mg/L		06/01/21 18:18	06/02/21 11:39	1
<b>Manganese</b>	<b>0.97</b>		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:39	1
Nickel	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:39	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:18	06/02/21 11:39	1
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:39	1
<b>Zinc</b>	<b>0.099</b>	<b>J</b>	0.50	0.020	mg/L		06/01/21 18:18	06/02/21 11:39	1

**Method: 6010B - Metals (ICP) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.044</b>	<b>J</b>	0.050	0.010	mg/L		06/01/21 18:21	06/02/21 10:43	1
<b>Barium</b>	<b>0.36</b>	<b>J</b>	0.50	0.050	mg/L		06/01/21 18:21	06/02/21 10:43	1
<b>Beryllium</b>	<b>0.0055</b>		0.0040	0.0040	mg/L		06/01/21 18:21	06/02/21 10:43	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/21 18:21	06/02/21 10:43	1
<b>Chromium</b>	<b>0.11</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 10:43	1
<b>Cobalt</b>	<b>0.028</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 10:43	1
<b>Copper</b>	<b>0.12</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 10:43	1
<b>Iron</b>	<b>110</b>		0.40	0.20	mg/L		06/01/21 18:21	06/02/21 10:43	1
<b>Lead</b>	<b>0.21</b>		0.0075	0.0075	mg/L		06/01/21 18:21	06/02/21 10:43	1
<b>Manganese</b>	<b>0.54</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 10:43	1
<b>Nickel</b>	<b>0.11</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 10:43	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:21	06/02/21 10:43	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-1(0-2)-052621**

**Lab Sample ID: 500-199752-1**

Date Collected: 05/26/21 08:20

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 89.0

### Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 10:43	1
Zinc	0.51		0.50	0.020	mg/L		06/01/21 18:21	06/02/21 10:43	1

### Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.56	J F1	1.0	0.20	mg/Kg	✱	06/01/21 17:09	06/02/21 12:35	1
Arsenic	5.5		0.52	0.18	mg/Kg	✱	06/01/21 17:09	06/02/21 12:35	1
Barium	59		0.52	0.060	mg/Kg	✱	06/01/21 17:09	06/02/21 12:35	1
Beryllium	0.62		0.21	0.049	mg/Kg	✱	06/01/21 17:09	06/02/21 12:35	1
Cadmium	0.57	B	0.10	0.019	mg/Kg	✱	06/01/21 17:09	06/02/21 12:35	1
Calcium	75000	B F2	52	8.9	mg/Kg	✱	06/01/21 17:09	06/03/21 12:08	5
Chromium	18		0.52	0.26	mg/Kg	✱	06/01/21 17:09	06/02/21 12:35	1
Cobalt	7.3		0.26	0.069	mg/Kg	✱	06/01/21 17:09	06/02/21 12:35	1
Copper	26		0.52	0.15	mg/Kg	✱	06/01/21 17:09	06/02/21 12:35	1
Iron	19000	B	52	27	mg/Kg	✱	06/01/21 17:09	06/03/21 12:08	5
Lead	99		0.26	0.12	mg/Kg	✱	06/01/21 17:09	06/02/21 12:35	1
Magnesium	43000	B F2	26	13	mg/Kg	✱	06/01/21 17:09	06/03/21 12:08	5
Manganese	400	B	0.52	0.076	mg/Kg	✱	06/01/21 17:09	06/02/21 12:35	1
Nickel	19		0.52	0.15	mg/Kg	✱	06/01/21 17:09	06/02/21 12:35	1
Potassium	1400	F1	26	9.3	mg/Kg	✱	06/01/21 17:09	06/02/21 12:35	1
Selenium	<0.52		0.52	0.31	mg/Kg	✱	06/01/21 17:09	06/02/21 12:35	1
Silver	0.29		0.26	0.068	mg/Kg	✱	06/01/21 17:09	06/02/21 12:35	1
Sodium	1200		52	7.8	mg/Kg	✱	06/01/21 17:09	06/02/21 12:35	1
Thallium	<0.52		0.52	0.26	mg/Kg	✱	06/01/21 17:09	06/02/21 12:35	1
Vanadium	20		0.26	0.062	mg/Kg	✱	06/01/21 17:09	06/02/21 12:35	1
Zinc	130		1.0	0.46	mg/Kg	✱	06/01/21 17:09	06/02/21 12:35	1

### Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 08:16	1

### Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 09:18	1

### Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.054		0.017	0.0056	mg/Kg	✱	06/01/21 13:20	06/02/21 06:54	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.5		0.2	0.2	SU			06/01/21 15:08	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-5(0-2)-052621**

**Lab Sample ID: 500-199752-3**

Date Collected: 05/26/21 08:55

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 85.6

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0074	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
Benzene	<0.0017		0.0017	0.00043	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
Bromodichloromethane	<0.0017		0.0017	0.00034	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
Bromoform	<0.0017		0.0017	0.00049	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
Bromomethane	<0.0042		0.0042	0.0016	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
Carbon disulfide	<0.0042		0.0042	0.00088	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
Carbon tetrachloride	<0.0017		0.0017	0.00049	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
Chlorobenzene	<0.0017		0.0017	0.00062	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
Chloroethane	<0.0042		0.0042	0.0013	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
Chloroform	<0.0017		0.0017	0.00059	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
Chloromethane	<0.0042		0.0042	0.0017	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00047	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00051	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
Dibromochloromethane	<0.0017		0.0017	0.00055	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
1,1-Dichloroethane	<0.0017		0.0017	0.00058	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
1,2-Dichloroethane	<0.0042		0.0042	0.0013	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
1,1-Dichloroethene	<0.0017		0.0017	0.00058	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
1,2-Dichloropropane	<0.0017		0.0017	0.00044	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
1,3-Dichloropropane, Total	<0.0017		0.0017	0.00059	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
Ethylbenzene	<0.0017		0.0017	0.00081	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
2-Hexanone	<0.0042		0.0042	0.0013	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
Methylene Chloride	<0.0042		0.0042	0.0017	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
Methyl Ethyl Ketone	<0.0042		0.0042	0.0019	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
methyl isobutyl ketone	<0.0042		0.0042	0.0013	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00050	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
Styrene	<0.0017		0.0017	0.00051	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00054	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
Tetrachloroethene	<0.0017		0.0017	0.00058	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
Toluene	<0.0017		0.0017	0.00043	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00075	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00059	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00057	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00073	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
Trichloroethene	<0.0017		0.0017	0.00057	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
Vinyl chloride	<0.0017		0.0017	0.00075	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
Xylenes, Total	<0.0034		0.0034	0.00054	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		75 - 131	05/27/21 17:55	05/28/21 18:14	1
Dibromofluoromethane	102		75 - 126	05/27/21 17:55	05/28/21 18:14	1
1,2-Dichloroethane-d4 (Surr)	109		70 - 134	05/27/21 17:55	05/28/21 18:14	1
Toluene-d8 (Surr)	106		75 - 124	05/27/21 17:55	05/28/21 18:14	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	06/02/21 07:17	06/02/21 18:38	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	☼	06/02/21 07:17	06/02/21 18:38	1
1,3-Dichlorobenzene	<0.19		0.19	0.044	mg/Kg	☼	06/02/21 07:17	06/02/21 18:38	1
1,4-Dichlorobenzene	<0.19		0.19	0.050	mg/Kg	☼	06/02/21 07:17	06/02/21 18:38	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.045	mg/Kg	☼	06/02/21 07:17	06/02/21 18:38	1

Eurofins TestAmerica, Chicago



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-5(0-2)-052621**

**Lab Sample ID: 500-199752-3**

**Date Collected: 05/26/21 08:55**

**Matrix: Solid**

**Date Received: 05/26/21 17:18**

**Percent Solids: 85.6**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.088	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
2,4-Dichlorophenol	<0.38		0.38	0.092	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
2,4-Dimethylphenol	<0.38		0.38	0.15	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
2,4-Dinitrophenol	<0.78		0.78	0.68	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
2,4-Dinitrotoluene	<0.19		0.19	0.062	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
2,6-Dinitrotoluene	<0.19		0.19	0.076	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
2-Chloronaphthalene	<0.19		0.19	0.043	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
2-Chlorophenol	<0.19		0.19	0.066	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
2-Methylnaphthalene	<0.078		0.078	0.0071	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
2-Methylphenol	<0.19		0.19	0.062	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
2-Nitroaniline	<0.19		0.19	0.052	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
2-Nitrophenol	<0.38		0.38	0.091	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
3 & 4 Methylphenol	<0.19		0.19	0.065	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.054	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
4,6-Dinitro-2-methylphenol	<0.78		0.78	0.31	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.051	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
4-Chloroaniline	<0.78		0.78	0.18	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
4-Nitrophenol	<0.78		0.78	0.37	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
Acenaphthene	<0.038		0.038	0.0070	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
Acenaphthylene	<0.038		0.038	0.0051	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
<b>Anthracene</b>	<b>0.034</b>	<b>J</b>	0.038	0.0065	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
<b>Benzo[a]anthracene</b>	<b>0.024</b>	<b>J</b>	0.038	0.0052	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
<b>Benzo[a]pyrene</b>	<b>0.030</b>	<b>J</b>	0.038	0.0075	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
<b>Benzo[b]fluoranthene</b>	<b>0.047</b>		0.038	0.0084	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
<b>Benzo[g,h,i]perylene</b>	<b>0.047</b>		0.038	0.012	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
<b>Benzo[k]fluoranthene</b>	<b>0.015</b>	<b>J</b>	0.038	0.011	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.040	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.058	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.071	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
Butyl benzyl phthalate	<0.19		0.19	0.074	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
<b>Carbazole</b>	<b>0.15</b>	<b>J</b>	0.19	0.097	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
<b>Chrysene</b>	<b>0.035</b>	<b>J</b>	0.038	0.011	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
<b>Dibenz(a,h)anthracene</b>	<b>0.0077</b>	<b>J</b>	0.038	0.0075	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
Diethyl phthalate	<0.19		0.19	0.066	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
Dimethyl phthalate	<0.19		0.19	0.051	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
Di-n-butyl phthalate	<0.19		0.19	0.059	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
Di-n-octyl phthalate	<0.19		0.19	0.063	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
<b>Fluoranthene</b>	<b>0.073</b>		0.038	0.0072	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
Fluorene	<0.038		0.038	0.0054	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
Hexachlorobenzene	<0.078		0.078	0.0090	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
Hexachlorobutadiene	<0.19		0.19	0.061	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
Hexachlorocyclopentadiene	<0.78		0.78	0.22	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
Hexachloroethane	<0.19		0.19	0.059	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-5(0-2)-052621**

**Lab Sample ID: 500-199752-3**

**Date Collected: 05/26/21 08:55**

**Matrix: Solid**

**Date Received: 05/26/21 17:18**

**Percent Solids: 85.6**

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.018</b>	<b>J</b>	0.038	0.010	mg/Kg	☼	06/02/21 07:17	06/02/21 18:38	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	06/02/21 07:17	06/02/21 18:38	1
Naphthalene	<0.038		0.038	0.0060	mg/Kg	☼	06/02/21 07:17	06/02/21 18:38	1
Nitrobenzene	<0.038		0.038	0.0097	mg/Kg	☼	06/02/21 07:17	06/02/21 18:38	1
N-Nitrosodi-n-propylamine	<0.078		0.078	0.047	mg/Kg	☼	06/02/21 07:17	06/02/21 18:38	1
N-Nitrosodiphenylamine	<0.19		0.19	0.046	mg/Kg	☼	06/02/21 07:17	06/02/21 18:38	1
Pentachlorophenol	<0.78	*-	0.78	0.62	mg/Kg	☼	06/02/21 07:17	06/02/21 18:38	1
<b>Phenanthrene</b>	<b>0.055</b>		0.038	0.0054	mg/Kg	☼	06/02/21 07:17	06/02/21 18:38	1
Phenol	<0.19		0.19	0.086	mg/Kg	☼	06/02/21 07:17	06/02/21 18:38	1
<b>Pyrene</b>	<b>0.047</b>		0.038	0.0077	mg/Kg	☼	06/02/21 07:17	06/02/21 18:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	74		31 - 143				06/02/21 07:17	06/02/21 18:38	1
2-Fluorobiphenyl	76		43 - 145				06/02/21 07:17	06/02/21 18:38	1
2-Fluorophenol	97		31 - 166				06/02/21 07:17	06/02/21 18:38	1
Nitrobenzene-d5	71		37 - 147				06/02/21 07:17	06/02/21 18:38	1
Phenol-d5	81		30 - 153				06/02/21 07:17	06/02/21 18:38	1
Terphenyl-d14	116		42 - 157				06/02/21 07:17	06/02/21 18:38	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/01/21 18:18	06/02/21 11:46	1
<b>Barium</b>	<b>0.44</b>	<b>J</b>	0.50	0.050	mg/L		06/01/21 18:18	06/02/21 11:46	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/01/21 18:18	06/02/21 11:46	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/21 18:18	06/02/21 11:46	1
Chromium	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:46	1
Cobalt	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:46	1
Copper	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:46	1
Iron	<0.40		0.40	0.20	mg/L		06/01/21 18:18	06/02/21 11:46	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/01/21 18:18	06/02/21 11:46	1
<b>Manganese</b>	<b>0.68</b>		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:46	1
Nickel	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:46	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:18	06/02/21 11:46	1
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:46	1
Zinc	<0.50		0.50	0.020	mg/L		06/01/21 18:18	06/02/21 11:46	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.11</b>		0.050	0.010	mg/L		06/01/21 18:21	06/02/21 10:49	1
<b>Barium</b>	<b>0.61</b>		0.50	0.050	mg/L		06/01/21 18:21	06/02/21 10:49	1
<b>Beryllium</b>	<b>0.0099</b>		0.0040	0.0040	mg/L		06/01/21 18:21	06/02/21 10:49	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/21 18:21	06/02/21 10:49	1
<b>Chromium</b>	<b>0.20</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 10:49	1
<b>Cobalt</b>	<b>0.066</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 10:49	1
<b>Copper</b>	<b>0.24</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 10:49	1
<b>Iron</b>	<b>220</b>		0.40	0.20	mg/L		06/01/21 18:21	06/02/21 10:49	1
<b>Lead</b>	<b>0.15</b>		0.0075	0.0075	mg/L		06/01/21 18:21	06/02/21 10:49	1
<b>Manganese</b>	<b>0.83</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 10:49	1
<b>Nickel</b>	<b>0.24</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 10:49	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:21	06/02/21 10:49	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-5(0-2)-052621**

**Lab Sample ID: 500-199752-3**

Date Collected: 05/26/21 08:55

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 85.6

## Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 10:49	1
<b>Zinc</b>	<b>0.62</b>		0.50	0.020	mg/L		06/01/21 18:21	06/02/21 10:49	1

## Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Antimony</b>	<b>0.85</b>	<b>J</b>	1.2	0.22	mg/Kg	✧	06/01/21 17:09	06/02/21 12:55	1
<b>Arsenic</b>	<b>8.4</b>		0.58	0.20	mg/Kg	✧	06/01/21 17:09	06/02/21 12:55	1
<b>Barium</b>	<b>63</b>		0.58	0.066	mg/Kg	✧	06/01/21 17:09	06/02/21 12:55	1
<b>Beryllium</b>	<b>0.83</b>		0.23	0.054	mg/Kg	✧	06/01/21 17:09	06/02/21 12:55	1
<b>Cadmium</b>	<b>0.14</b>	<b>B</b>	0.12	0.021	mg/Kg	✧	06/01/21 17:09	06/02/21 12:55	1
<b>Calcium</b>	<b>20000</b>	<b>B</b>	12	2.0	mg/Kg	✧	06/01/21 17:09	06/02/21 12:55	1
<b>Chromium</b>	<b>19</b>		0.58	0.29	mg/Kg	✧	06/01/21 17:09	06/02/21 12:55	1
<b>Cobalt</b>	<b>10</b>		0.29	0.076	mg/Kg	✧	06/01/21 17:09	06/02/21 12:55	1
<b>Copper</b>	<b>18</b>		0.58	0.16	mg/Kg	✧	06/01/21 17:09	06/02/21 12:55	1
<b>Iron</b>	<b>19000</b>	<b>B</b>	12	6.0	mg/Kg	✧	06/01/21 17:09	06/02/21 12:55	1
<b>Lead</b>	<b>16</b>		0.29	0.13	mg/Kg	✧	06/01/21 17:09	06/02/21 12:55	1
<b>Magnesium</b>	<b>13000</b>	<b>B</b>	5.8	2.9	mg/Kg	✧	06/01/21 17:09	06/02/21 12:55	1
<b>Manganese</b>	<b>310</b>	<b>B</b>	0.58	0.084	mg/Kg	✧	06/01/21 17:09	06/02/21 12:55	1
<b>Nickel</b>	<b>24</b>		0.58	0.17	mg/Kg	✧	06/01/21 17:09	06/02/21 12:55	1
<b>Potassium</b>	<b>2100</b>		29	10	mg/Kg	✧	06/01/21 17:09	06/02/21 12:55	1
<b>Selenium</b>	<b>0.57</b>	<b>J</b>	0.58	0.34	mg/Kg	✧	06/01/21 17:09	06/02/21 12:55	1
<b>Silver</b>	<b>0.45</b>		0.29	0.074	mg/Kg	✧	06/01/21 17:09	06/02/21 12:55	1
<b>Sodium</b>	<b>3000</b>		58	8.5	mg/Kg	✧	06/01/21 17:09	06/02/21 12:55	1
Thallium	<0.58		0.58	0.29	mg/Kg	✧	06/01/21 17:09	06/02/21 12:55	1
<b>Vanadium</b>	<b>33</b>		0.29	0.068	mg/Kg	✧	06/01/21 17:09	06/02/21 12:55	1
<b>Zinc</b>	<b>58</b>		1.2	0.51	mg/Kg	✧	06/01/21 17:09	06/02/21 12:55	1

## Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 08:20	1

## Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 09:22	1

## Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.020</b>		0.018	0.0060	mg/Kg	✧	06/01/21 13:20	06/02/21 06:58	1

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.5</b>		0.2	0.2	SU			06/01/21 15:11	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-7(0-2)-052621**

**Lab Sample ID: 500-199752-4**

**Date Collected: 05/26/21 09:05**

**Matrix: Solid**

**Date Received: 05/26/21 17:18**

**Percent Solids: 84.8**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0074	mg/Kg	✱	05/27/21 17:55	05/28/21 18:40	1
Benzene	<0.0017		0.0017	0.00043	mg/Kg	✱	05/27/21 17:55	05/28/21 18:40	1
Bromodichloromethane	<0.0017		0.0017	0.00035	mg/Kg	✱	05/27/21 17:55	05/28/21 18:40	1
Bromoform	<0.0017		0.0017	0.00050	mg/Kg	✱	05/27/21 17:55	05/28/21 18:40	1
Bromomethane	<0.0042		0.0042	0.0016	mg/Kg	✱	05/27/21 17:55	05/28/21 18:40	1
Carbon disulfide	<0.0042		0.0042	0.00088	mg/Kg	✱	05/27/21 17:55	05/28/21 18:40	1
Carbon tetrachloride	<0.0017		0.0017	0.00049	mg/Kg	✱	05/27/21 17:55	05/28/21 18:40	1
Chlorobenzene	<0.0017		0.0017	0.00063	mg/Kg	✱	05/27/21 17:55	05/28/21 18:40	1
Chloroethane	<0.0042		0.0042	0.0013	mg/Kg	✱	05/27/21 17:55	05/28/21 18:40	1
Chloroform	<0.0017		0.0017	0.00059	mg/Kg	✱	05/27/21 17:55	05/28/21 18:40	1
Chloromethane	<0.0042		0.0042	0.0017	mg/Kg	✱	05/27/21 17:55	05/28/21 18:40	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00047	mg/Kg	✱	05/27/21 17:55	05/28/21 18:40	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00051	mg/Kg	✱	05/27/21 17:55	05/28/21 18:40	1
Dibromochloromethane	<0.0017		0.0017	0.00056	mg/Kg	✱	05/27/21 17:55	05/28/21 18:40	1
1,1-Dichloroethane	<0.0017		0.0017	0.00058	mg/Kg	✱	05/27/21 17:55	05/28/21 18:40	1
1,2-Dichloroethane	<0.0042		0.0042	0.0013	mg/Kg	✱	05/27/21 17:55	05/28/21 18:40	1
1,1-Dichloroethene	<0.0017		0.0017	0.00058	mg/Kg	✱	05/27/21 17:55	05/28/21 18:40	1
1,2-Dichloropropane	<0.0017		0.0017	0.00044	mg/Kg	✱	05/27/21 17:55	05/28/21 18:40	1
1,3-Dichloropropane, Total	<0.0017		0.0017	0.00060	mg/Kg	✱	05/27/21 17:55	05/28/21 18:40	1
Ethylbenzene	<0.0017		0.0017	0.00081	mg/Kg	✱	05/27/21 17:55	05/28/21 18:40	1
2-Hexanone	<0.0042		0.0042	0.0013	mg/Kg	✱	05/27/21 17:55	05/28/21 18:40	1
Methylene Chloride	<0.0042		0.0042	0.0017	mg/Kg	✱	05/27/21 17:55	05/28/21 18:40	1
Methyl Ethyl Ketone	<0.0042		0.0042	0.0019	mg/Kg	✱	05/27/21 17:55	05/28/21 18:40	1
methyl isobutyl ketone	<0.0042		0.0042	0.0013	mg/Kg	✱	05/27/21 17:55	05/28/21 18:40	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00050	mg/Kg	✱	05/27/21 17:55	05/28/21 18:40	1
Styrene	<0.0017		0.0017	0.00051	mg/Kg	✱	05/27/21 17:55	05/28/21 18:40	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00054	mg/Kg	✱	05/27/21 17:55	05/28/21 18:40	1
Tetrachloroethene	<0.0017		0.0017	0.00058	mg/Kg	✱	05/27/21 17:55	05/28/21 18:40	1
Toluene	<0.0017		0.0017	0.00043	mg/Kg	✱	05/27/21 17:55	05/28/21 18:40	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00075	mg/Kg	✱	05/27/21 17:55	05/28/21 18:40	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00060	mg/Kg	✱	05/27/21 17:55	05/28/21 18:40	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00057	mg/Kg	✱	05/27/21 17:55	05/28/21 18:40	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00073	mg/Kg	✱	05/27/21 17:55	05/28/21 18:40	1
Trichloroethene	<0.0017		0.0017	0.00057	mg/Kg	✱	05/27/21 17:55	05/28/21 18:40	1
Vinyl chloride	<0.0017		0.0017	0.00075	mg/Kg	✱	05/27/21 17:55	05/28/21 18:40	1
Xylenes, Total	<0.0034		0.0034	0.00054	mg/Kg	✱	05/27/21 17:55	05/28/21 18:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		75 - 131	05/27/21 17:55	05/28/21 18:40	1
Dibromofluoromethane	105		75 - 126	05/27/21 17:55	05/28/21 18:40	1
1,2-Dichloroethane-d4 (Surr)	119		70 - 134	05/27/21 17:55	05/28/21 18:40	1
Toluene-d8 (Surr)	101		75 - 124	05/27/21 17:55	05/28/21 18:40	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	✱	06/02/21 07:17	06/02/21 21:28	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	✱	06/02/21 07:17	06/02/21 21:28	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	✱	06/02/21 07:17	06/02/21 21:28	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	✱	06/02/21 07:17	06/02/21 21:28	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	✱	06/02/21 07:17	06/02/21 21:28	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-7(0-2)-052621**

**Lab Sample ID: 500-199752-4**

**Date Collected: 05/26/21 09:05**

**Matrix: Solid**

**Date Received: 05/26/21 17:18**

**Percent Solids: 84.8**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.087	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
2,4-Dichlorophenol	<0.38		0.38	0.091	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
2,4-Dimethylphenol	<0.38		0.38	0.15	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
2,4-Dinitrophenol	<0.77		0.77	0.67	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
2,4-Dinitrotoluene	<0.19		0.19	0.061	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
2,6-Dinitrotoluene	<0.19		0.19	0.075	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
2-Chlorophenol	<0.19		0.19	0.065	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
2-Methylnaphthalene	<0.077		0.077	0.0070	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
2-Methylphenol	<0.19		0.19	0.061	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
2-Nitrophenol	<0.38		0.38	0.090	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
3 & 4 Methylphenol	<0.19		0.19	0.064	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.054	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
4,6-Dinitro-2-methylphenol	<0.77		0.77	0.31	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
4-Chloroaniline	<0.77		0.77	0.18	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
4-Nitrophenol	<0.77		0.77	0.36	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
<b>Acenaphthene</b>	<b>0.014</b>	<b>J</b>	0.038	0.0069	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
Acenaphthylene	<0.038		0.038	0.0050	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
<b>Anthracene</b>	<b>0.060</b>		0.038	0.0064	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
<b>Benzo[a]anthracene</b>	<b>0.11</b>		0.038	0.0051	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
<b>Benzo[a]pyrene</b>	<b>0.15</b>		0.038	0.0074	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
<b>Benzo[b]fluoranthene</b>	<b>0.23</b>		0.038	0.0083	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
<b>Benzo[g,h,i]perylene</b>	<b>0.062</b>		0.038	0.012	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
<b>Benzo[k]fluoranthene</b>	<b>0.091</b>		0.038	0.011	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.057	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.070	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
Butyl benzyl phthalate	<0.19		0.19	0.073	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
<b>Carbazole</b>	<b>0.15</b>	<b>J</b>	0.19	0.096	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
<b>Chrysene</b>	<b>0.12</b>		0.038	0.010	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
<b>Dibenz(a,h)anthracene</b>	<b>0.013</b>	<b>J</b>	0.038	0.0074	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
Diethyl phthalate	<0.19		0.19	0.065	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
Di-n-butyl phthalate	<0.19		0.19	0.058	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
Di-n-octyl phthalate	<0.19		0.19	0.062	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
<b>Fluoranthene</b>	<b>0.25</b>		0.038	0.0071	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
<b>Fluorene</b>	<b>0.039</b>		0.038	0.0054	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
Hexachlorobenzene	<0.077		0.077	0.0089	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
Hexachlorobutadiene	<0.19		0.19	0.060	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
Hexachlorocyclopentadiene	<0.77		0.77	0.22	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
Hexachloroethane	<0.19		0.19	0.058	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-7(0-2)-052621**

**Lab Sample ID: 500-199752-4**

**Date Collected: 05/26/21 09:05**

**Matrix: Solid**

**Date Received: 05/26/21 17:18**

**Percent Solids: 84.8**

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.045</b>		0.038	0.0099	mg/Kg	☼	06/02/21 07:17	06/02/21 21:28	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	06/02/21 07:17	06/02/21 21:28	1
Naphthalene	<0.038		0.038	0.0059	mg/Kg	☼	06/02/21 07:17	06/02/21 21:28	1
Nitrobenzene	<0.038		0.038	0.0095	mg/Kg	☼	06/02/21 07:17	06/02/21 21:28	1
N-Nitrosodi-n-propylamine	<0.077		0.077	0.047	mg/Kg	☼	06/02/21 07:17	06/02/21 21:28	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	☼	06/02/21 07:17	06/02/21 21:28	1
Pentachlorophenol	<0.77	*-	0.77	0.61	mg/Kg	☼	06/02/21 07:17	06/02/21 21:28	1
<b>Phenanthrene</b>	<b>0.17</b>		0.038	0.0053	mg/Kg	☼	06/02/21 07:17	06/02/21 21:28	1
Phenol	<0.19		0.19	0.085	mg/Kg	☼	06/02/21 07:17	06/02/21 21:28	1
<b>Pyrene</b>	<b>0.22</b>		0.038	0.0076	mg/Kg	☼	06/02/21 07:17	06/02/21 21:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	61		31 - 143				06/02/21 07:17	06/02/21 21:28	1
2-Fluorobiphenyl	74		43 - 145				06/02/21 07:17	06/02/21 21:28	1
2-Fluorophenol	93		31 - 166				06/02/21 07:17	06/02/21 21:28	1
Nitrobenzene-d5	67		37 - 147				06/02/21 07:17	06/02/21 21:28	1
Phenol-d5	74		30 - 153				06/02/21 07:17	06/02/21 21:28	1
Terphenyl-d14	91		42 - 157				06/02/21 07:17	06/02/21 21:28	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/01/21 18:18	06/02/21 11:50	1
<b>Barium</b>	<b>0.46</b>	J	0.50	0.050	mg/L		06/01/21 18:18	06/02/21 11:50	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/01/21 18:18	06/02/21 11:50	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/21 18:18	06/02/21 11:50	1
Chromium	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:50	1
Cobalt	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:50	1
Copper	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:50	1
Iron	<0.40		0.40	0.20	mg/L		06/01/21 18:18	06/02/21 11:50	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/01/21 18:18	06/02/21 11:50	1
<b>Manganese</b>	<b>0.29</b>		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:50	1
Nickel	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:50	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:18	06/02/21 11:50	1
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:50	1
<b>Zinc</b>	<b>0.038</b>	J	0.50	0.020	mg/L		06/01/21 18:18	06/02/21 11:50	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.060</b>		0.050	0.010	mg/L		06/01/21 18:21	06/02/21 10:52	1
<b>Barium</b>	<b>0.49</b>	J	0.50	0.050	mg/L		06/01/21 18:21	06/02/21 10:52	1
<b>Beryllium</b>	<b>0.0068</b>		0.0040	0.0040	mg/L		06/01/21 18:21	06/02/21 10:52	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/21 18:21	06/02/21 10:52	1
<b>Chromium</b>	<b>0.15</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 10:52	1
<b>Cobalt</b>	<b>0.047</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 10:52	1
<b>Copper</b>	<b>0.18</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 10:52	1
<b>Iron</b>	<b>140</b>		0.40	0.20	mg/L		06/01/21 18:21	06/02/21 10:52	1
<b>Lead</b>	<b>0.23</b>		0.0075	0.0075	mg/L		06/01/21 18:21	06/02/21 10:52	1
<b>Manganese</b>	<b>0.68</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 10:52	1
<b>Nickel</b>	<b>0.15</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 10:52	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:21	06/02/21 10:52	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-7(0-2)-052621**

**Lab Sample ID: 500-199752-4**

Date Collected: 05/26/21 09:05

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 84.8

### Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 10:52	1
<b>Zinc</b>	<b>0.64</b>		0.50	0.020	mg/L		06/01/21 18:21	06/02/21 10:52	1

### Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Antimony</b>	<b>0.93</b>	<b>J</b>	1.2	0.23	mg/Kg	✧	06/01/21 17:09	06/02/21 12:59	1
<b>Arsenic</b>	<b>8.0</b>		0.58	0.20	mg/Kg	✧	06/01/21 17:09	06/02/21 12:59	1
<b>Barium</b>	<b>81</b>		0.58	0.066	mg/Kg	✧	06/01/21 17:09	06/02/21 12:59	1
<b>Beryllium</b>	<b>0.76</b>		0.23	0.054	mg/Kg	✧	06/01/21 17:09	06/02/21 12:59	1
<b>Cadmium</b>	<b>0.42</b>	<b>B</b>	0.12	0.021	mg/Kg	✧	06/01/21 17:09	06/02/21 12:59	1
<b>Calcium</b>	<b>62000</b>	<b>B</b>	58	9.8	mg/Kg	✧	06/01/21 17:09	06/03/21 12:27	5
<b>Chromium</b>	<b>23</b>		0.58	0.29	mg/Kg	✧	06/01/21 17:09	06/02/21 12:59	1
<b>Cobalt</b>	<b>13</b>		0.29	0.076	mg/Kg	✧	06/01/21 17:09	06/02/21 12:59	1
<b>Copper</b>	<b>25</b>		0.58	0.16	mg/Kg	✧	06/01/21 17:09	06/02/21 12:59	1
<b>Iron</b>	<b>20000</b>	<b>B</b>	12	6.0	mg/Kg	✧	06/01/21 17:09	06/02/21 12:59	1
<b>Lead</b>	<b>33</b>		0.29	0.13	mg/Kg	✧	06/01/21 17:09	06/02/21 12:59	1
<b>Magnesium</b>	<b>25000</b>	<b>B</b>	5.8	2.9	mg/Kg	✧	06/01/21 17:09	06/02/21 12:59	1
<b>Manganese</b>	<b>460</b>	<b>B</b>	0.58	0.084	mg/Kg	✧	06/01/21 17:09	06/02/21 12:59	1
<b>Nickel</b>	<b>29</b>		0.58	0.17	mg/Kg	✧	06/01/21 17:09	06/02/21 12:59	1
<b>Potassium</b>	<b>2100</b>		29	10	mg/Kg	✧	06/01/21 17:09	06/02/21 12:59	1
Selenium	<0.58		0.58	0.34	mg/Kg	✧	06/01/21 17:09	06/02/21 12:59	1
<b>Silver</b>	<b>0.45</b>		0.29	0.075	mg/Kg	✧	06/01/21 17:09	06/02/21 12:59	1
<b>Sodium</b>	<b>2100</b>		58	8.6	mg/Kg	✧	06/01/21 17:09	06/02/21 12:59	1
Thallium	<0.58		0.58	0.29	mg/Kg	✧	06/01/21 17:09	06/02/21 12:59	1
<b>Vanadium</b>	<b>26</b>		0.29	0.068	mg/Kg	✧	06/01/21 17:09	06/02/21 12:59	1
<b>Zinc</b>	<b>100</b>		1.2	0.51	mg/Kg	✧	06/01/21 17:09	06/02/21 12:59	1

### Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 08:23	1

### Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 09:24	1

### Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.027</b>		0.019	0.0062	mg/Kg	✧	06/01/21 13:20	06/02/21 07:00	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.6</b>		0.2	0.2	SU			06/01/21 15:13	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-9(0-2)-052621**

**Lab Sample ID: 500-199752-5**

**Date Collected: 05/26/21 09:20**

**Matrix: Solid**

**Date Received: 05/26/21 17:18**

**Percent Solids: 84.1**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0074	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
Benzene	<0.0017		0.0017	0.00043	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
Bromodichloromethane	<0.0017		0.0017	0.00035	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
Bromoform	<0.0017		0.0017	0.00050	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
Bromomethane	<0.0043		0.0043	0.0016	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
Carbon disulfide	<0.0043		0.0043	0.00088	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
Carbon tetrachloride	<0.0017		0.0017	0.00049	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
Chlorobenzene	<0.0017		0.0017	0.00063	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
Chloroethane	<0.0043		0.0043	0.0013	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
Chloroform	<0.0017		0.0017	0.00059	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
Chloromethane	<0.0043		0.0043	0.0017	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00048	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00051	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
Dibromochloromethane	<0.0017		0.0017	0.00056	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
1,1-Dichloroethane	<0.0017		0.0017	0.00058	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
1,2-Dichloroethane	<0.0043		0.0043	0.0013	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
1,1-Dichloroethene	<0.0017		0.0017	0.00059	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
1,2-Dichloropropane	<0.0017		0.0017	0.00044	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00060	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
Ethylbenzene	<0.0017		0.0017	0.00081	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
2-Hexanone	<0.0043		0.0043	0.0013	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
Methylene Chloride	<0.0043		0.0043	0.0017	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
Methyl Ethyl Ketone	<0.0043		0.0043	0.0019	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
methyl isobutyl ketone	<0.0043		0.0043	0.0013	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00050	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
Styrene	<0.0017		0.0017	0.00051	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00054	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
Tetrachloroethene	<0.0017		0.0017	0.00058	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
Toluene	<0.0017		0.0017	0.00043	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00075	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00060	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00057	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00073	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
Trichloroethene	<0.0017		0.0017	0.00057	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
Vinyl chloride	<0.0017		0.0017	0.00075	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
Xylenes, Total	<0.0034		0.0034	0.00054	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		75 - 131	05/27/21 17:55	05/28/21 19:05	1
Dibromofluoromethane	102		75 - 126	05/27/21 17:55	05/28/21 19:05	1
1,2-Dichloroethane-d4 (Surr)	111		70 - 134	05/27/21 17:55	05/28/21 19:05	1
Toluene-d8 (Surr)	104		75 - 124	05/27/21 17:55	05/28/21 19:05	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.042	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
1,4-Dichlorobenzene	<0.20		0.20	0.050	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.045	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1

Eurofins TestAmerica, Chicago



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

Client Sample ID: ROW-9(0-2)-052621

Lab Sample ID: 500-199752-5

Date Collected: 05/26/21 09:20

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 84.1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.089	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
2,4,6-Trichlorophenol	<0.39		0.39	0.13	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
2,4-Dichlorophenol	<0.39		0.39	0.093	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
2,4-Dinitrophenol	<0.79		0.79	0.69	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
2,4-Dinitrotoluene	<0.20		0.20	0.062	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
2,6-Dinitrotoluene	<0.20		0.20	0.077	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
2-Chloronaphthalene	<0.20		0.20	0.043	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
2-Chlorophenol	<0.20		0.20	0.067	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
2-Methylnaphthalene	<0.079		0.079	0.0072	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
2-Nitrophenol	<0.39		0.39	0.093	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
3 & 4 Methylphenol	<0.20		0.20	0.065	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.32	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
4-Chloroaniline	<0.79		0.79	0.18	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
4-Nitroaniline	<0.39		0.39	0.16	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
4-Nitrophenol	<0.79		0.79	0.37	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
Acenaphthene	<0.039		0.039	0.0070	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
<b>Anthracene</b>	<b>0.046</b>		0.039	0.0065	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
<b>Benzo[a]anthracene</b>	<b>0.14</b>		0.039	0.0053	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
<b>Benzo[a]pyrene</b>	<b>0.24</b>		0.039	0.0076	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
<b>Benzo[b]fluoranthene</b>	<b>0.42</b>		0.039	0.0085	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
<b>Benzo[g,h,i]perylene</b>	<b>0.080</b>		0.039	0.013	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
<b>Benzo[k]fluoranthene</b>	<b>0.13</b>		0.039	0.012	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
Butyl benzyl phthalate	<0.20		0.20	0.075	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
<b>Carbazole</b>	<b>0.16 J</b>		0.20	0.098	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
<b>Chrysene</b>	<b>0.20</b>		0.039	0.011	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
<b>Dibenz(a,h)anthracene</b>	<b>0.022 J</b>		0.039	0.0076	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
Diethyl phthalate	<0.20		0.20	0.066	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
Dimethyl phthalate	<0.20		0.20	0.051	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
<b>Fluoranthene</b>	<b>0.31</b>		0.039	0.0073	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
<b>Fluorene</b>	<b>0.035 J</b>		0.039	0.0055	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
Hexachlorobenzene	<0.079		0.079	0.0091	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
Hexachlorocyclopentadiene	<0.79		0.79	0.23	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
Hexachloroethane	<0.20		0.20	0.060	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1

Euofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-9(0-2)-052621**

**Lab Sample ID: 500-199752-5**

Date Collected: 05/26/21 09:20

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 84.1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.058</b>		0.039	0.010	mg/Kg	☼	06/02/21 07:17	06/02/21 22:17	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	06/02/21 07:17	06/02/21 22:17	1
Naphthalene	<0.039		0.039	0.0060	mg/Kg	☼	06/02/21 07:17	06/02/21 22:17	1
Nitrobenzene	<0.039		0.039	0.0098	mg/Kg	☼	06/02/21 07:17	06/02/21 22:17	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.048	mg/Kg	☼	06/02/21 07:17	06/02/21 22:17	1
N-Nitrosodiphenylamine	<0.20		0.20	0.046	mg/Kg	☼	06/02/21 07:17	06/02/21 22:17	1
Pentachlorophenol	<0.79	*-	0.79	0.63	mg/Kg	☼	06/02/21 07:17	06/02/21 22:17	1
<b>Phenanthrene</b>	<b>0.11</b>		0.039	0.0055	mg/Kg	☼	06/02/21 07:17	06/02/21 22:17	1
Phenol	<0.20		0.20	0.087	mg/Kg	☼	06/02/21 07:17	06/02/21 22:17	1
<b>Pyrene</b>	<b>0.33</b>		0.039	0.0078	mg/Kg	☼	06/02/21 07:17	06/02/21 22:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	69		31 - 143				06/02/21 07:17	06/02/21 22:17	1
2-Fluorobiphenyl	76		43 - 145				06/02/21 07:17	06/02/21 22:17	1
2-Fluorophenol	98		31 - 166				06/02/21 07:17	06/02/21 22:17	1
Nitrobenzene-d5	64		37 - 147				06/02/21 07:17	06/02/21 22:17	1
Phenol-d5	85		30 - 153				06/02/21 07:17	06/02/21 22:17	1
Terphenyl-d14	112		42 - 157				06/02/21 07:17	06/02/21 22:17	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/01/21 18:18	06/02/21 11:54	1
<b>Barium</b>	<b>0.39</b>	J	0.50	0.050	mg/L		06/01/21 18:18	06/02/21 11:54	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/01/21 18:18	06/02/21 11:54	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/21 18:18	06/02/21 11:54	1
Chromium	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:54	1
Cobalt	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:54	1
Copper	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:54	1
Iron	<0.40		0.40	0.20	mg/L		06/01/21 18:18	06/02/21 11:54	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/01/21 18:18	06/02/21 11:54	1
<b>Manganese</b>	<b>0.74</b>		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:54	1
Nickel	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:54	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:18	06/02/21 11:54	1
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:54	1
<b>Zinc</b>	<b>0.041</b>	J	0.50	0.020	mg/L		06/01/21 18:18	06/02/21 11:54	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.10</b>		0.050	0.010	mg/L		06/01/21 18:21	06/02/21 10:55	1
<b>Barium</b>	<b>0.51</b>		0.50	0.050	mg/L		06/01/21 18:21	06/02/21 10:55	1
<b>Beryllium</b>	<b>0.0095</b>		0.0040	0.0040	mg/L		06/01/21 18:21	06/02/21 10:55	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/21 18:21	06/02/21 10:55	1
<b>Chromium</b>	<b>0.19</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 10:55	1
<b>Cobalt</b>	<b>0.061</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 10:55	1
<b>Copper</b>	<b>0.24</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 10:55	1
<b>Iron</b>	<b>200</b>		0.40	0.20	mg/L		06/01/21 18:21	06/02/21 10:55	1
<b>Lead</b>	<b>0.17</b>		0.0075	0.0075	mg/L		06/01/21 18:21	06/02/21 10:55	1
<b>Manganese</b>	<b>0.83</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 10:55	1
<b>Nickel</b>	<b>0.22</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 10:55	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:21	06/02/21 10:55	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-9(0-2)-052621**

**Lab Sample ID: 500-199752-5**

Date Collected: 05/26/21 09:20

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 84.1

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 10:55	1
<b>Zinc</b>	<b>0.68</b>		0.50	0.020	mg/L		06/01/21 18:21	06/02/21 10:55	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Antimony</b>	<b>0.72</b>	<b>J</b>	1.2	0.23	mg/Kg	☆	06/01/21 17:09	06/02/21 13:02	1
<b>Arsenic</b>	<b>7.1</b>		0.58	0.20	mg/Kg	☆	06/01/21 17:09	06/02/21 13:02	1
<b>Barium</b>	<b>49</b>		0.58	0.066	mg/Kg	☆	06/01/21 17:09	06/02/21 13:02	1
<b>Beryllium</b>	<b>0.74</b>		0.23	0.054	mg/Kg	☆	06/01/21 17:09	06/02/21 13:02	1
<b>Cadmium</b>	<b>0.33</b>	<b>B</b>	0.12	0.021	mg/Kg	☆	06/01/21 17:09	06/02/21 13:02	1
<b>Calcium</b>	<b>69000</b>	<b>B</b>	58	9.9	mg/Kg	☆	06/01/21 17:09	06/03/21 12:30	5
<b>Chromium</b>	<b>19</b>		0.58	0.29	mg/Kg	☆	06/01/21 17:09	06/02/21 13:02	1
<b>Cobalt</b>	<b>11</b>		0.29	0.076	mg/Kg	☆	06/01/21 17:09	06/02/21 13:02	1
<b>Copper</b>	<b>21</b>		0.58	0.16	mg/Kg	☆	06/01/21 17:09	06/02/21 13:02	1
<b>Iron</b>	<b>17000</b>	<b>B</b>	12	6.1	mg/Kg	☆	06/01/21 17:09	06/02/21 13:02	1
<b>Lead</b>	<b>25</b>		0.29	0.13	mg/Kg	☆	06/01/21 17:09	06/02/21 13:02	1
<b>Magnesium</b>	<b>30000</b>	<b>B</b>	5.8	2.9	mg/Kg	☆	06/01/21 17:09	06/02/21 13:02	1
<b>Manganese</b>	<b>390</b>	<b>B</b>	0.58	0.084	mg/Kg	☆	06/01/21 17:09	06/02/21 13:02	1
<b>Nickel</b>	<b>27</b>		0.58	0.17	mg/Kg	☆	06/01/21 17:09	06/02/21 13:02	1
<b>Potassium</b>	<b>2700</b>		29	10	mg/Kg	☆	06/01/21 17:09	06/02/21 13:02	1
<b>Selenium</b>	<b>0.43</b>	<b>J</b>	0.58	0.34	mg/Kg	☆	06/01/21 17:09	06/02/21 13:02	1
<b>Silver</b>	<b>0.41</b>		0.29	0.075	mg/Kg	☆	06/01/21 17:09	06/02/21 13:02	1
<b>Sodium</b>	<b>1900</b>		58	8.6	mg/Kg	☆	06/01/21 17:09	06/02/21 13:02	1
Thallium	<0.58		0.58	0.29	mg/Kg	☆	06/01/21 17:09	06/02/21 13:02	1
<b>Vanadium</b>	<b>23</b>		0.29	0.069	mg/Kg	☆	06/01/21 17:09	06/02/21 13:02	1
<b>Zinc</b>	<b>83</b>		1.2	0.51	mg/Kg	☆	06/01/21 17:09	06/02/21 13:02	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 08:25	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 09:26	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.018</b>	<b>J</b>	0.019	0.0062	mg/Kg	☆	06/01/21 13:20	06/02/21 07:02	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.7</b>		0.2	0.2	SU			06/01/21 15:15	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-11(0-2)-052621**

**Lab Sample ID: 500-199752-6**

Date Collected: 05/26/21 09:35

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 88.3

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0073	mg/Kg	✱	05/27/21 17:55	05/28/21 19:30	1
Benzene	<0.0017		0.0017	0.00042	mg/Kg	✱	05/27/21 17:55	05/28/21 19:30	1
Bromodichloromethane	<0.0017		0.0017	0.00034	mg/Kg	✱	05/27/21 17:55	05/28/21 19:30	1
Bromoform	<0.0017		0.0017	0.00049	mg/Kg	✱	05/27/21 17:55	05/28/21 19:30	1
Bromomethane	<0.0042		0.0042	0.0016	mg/Kg	✱	05/27/21 17:55	05/28/21 19:30	1
Carbon disulfide	<0.0042		0.0042	0.00087	mg/Kg	✱	05/27/21 17:55	05/28/21 19:30	1
Carbon tetrachloride	<0.0017		0.0017	0.00048	mg/Kg	✱	05/27/21 17:55	05/28/21 19:30	1
Chlorobenzene	<0.0017		0.0017	0.00061	mg/Kg	✱	05/27/21 17:55	05/28/21 19:30	1
Chloroethane	<0.0042		0.0042	0.0012	mg/Kg	✱	05/27/21 17:55	05/28/21 19:30	1
Chloroform	<0.0017		0.0017	0.00058	mg/Kg	✱	05/27/21 17:55	05/28/21 19:30	1
Chloromethane	<0.0042		0.0042	0.0017	mg/Kg	✱	05/27/21 17:55	05/28/21 19:30	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00047	mg/Kg	✱	05/27/21 17:55	05/28/21 19:30	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00050	mg/Kg	✱	05/27/21 17:55	05/28/21 19:30	1
Dibromochloromethane	<0.0017		0.0017	0.00054	mg/Kg	✱	05/27/21 17:55	05/28/21 19:30	1
1,1-Dichloroethane	<0.0017		0.0017	0.00057	mg/Kg	✱	05/27/21 17:55	05/28/21 19:30	1
1,2-Dichloroethane	<0.0042		0.0042	0.0013	mg/Kg	✱	05/27/21 17:55	05/28/21 19:30	1
1,1-Dichloroethene	<0.0017		0.0017	0.00057	mg/Kg	✱	05/27/21 17:55	05/28/21 19:30	1
1,2-Dichloropropane	<0.0017		0.0017	0.00043	mg/Kg	✱	05/27/21 17:55	05/28/21 19:30	1
1,3-Dichloropropane, Total	<0.0017		0.0017	0.00058	mg/Kg	✱	05/27/21 17:55	05/28/21 19:30	1
Ethylbenzene	<0.0017		0.0017	0.00080	mg/Kg	✱	05/27/21 17:55	05/28/21 19:30	1
2-Hexanone	<0.0042		0.0042	0.0013	mg/Kg	✱	05/27/21 17:55	05/28/21 19:30	1
Methylene Chloride	<0.0042		0.0042	0.0016	mg/Kg	✱	05/27/21 17:55	05/28/21 19:30	1
Methyl Ethyl Ketone	<0.0042		0.0042	0.0018	mg/Kg	✱	05/27/21 17:55	05/28/21 19:30	1
methyl isobutyl ketone	<0.0042		0.0042	0.0012	mg/Kg	✱	05/27/21 17:55	05/28/21 19:30	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00049	mg/Kg	✱	05/27/21 17:55	05/28/21 19:30	1
Styrene	<0.0017		0.0017	0.00050	mg/Kg	✱	05/27/21 17:55	05/28/21 19:30	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00053	mg/Kg	✱	05/27/21 17:55	05/28/21 19:30	1
Tetrachloroethene	<0.0017		0.0017	0.00057	mg/Kg	✱	05/27/21 17:55	05/28/21 19:30	1
Toluene	<0.0017		0.0017	0.00042	mg/Kg	✱	05/27/21 17:55	05/28/21 19:30	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00074	mg/Kg	✱	05/27/21 17:55	05/28/21 19:30	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00058	mg/Kg	✱	05/27/21 17:55	05/28/21 19:30	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00056	mg/Kg	✱	05/27/21 17:55	05/28/21 19:30	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00071	mg/Kg	✱	05/27/21 17:55	05/28/21 19:30	1
Trichloroethene	<0.0017		0.0017	0.00056	mg/Kg	✱	05/27/21 17:55	05/28/21 19:30	1
Vinyl chloride	<0.0017		0.0017	0.00074	mg/Kg	✱	05/27/21 17:55	05/28/21 19:30	1
Xylenes, Total	<0.0033		0.0033	0.00053	mg/Kg	✱	05/27/21 17:55	05/28/21 19:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		75 - 131	05/27/21 17:55	05/28/21 19:30	1
Dibromofluoromethane	101		75 - 126	05/27/21 17:55	05/28/21 19:30	1
1,2-Dichloroethane-d4 (Surr)	109		70 - 134	05/27/21 17:55	05/28/21 19:30	1
Toluene-d8 (Surr)	106		75 - 124	05/27/21 17:55	05/28/21 19:30	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	✱	06/02/21 07:17	06/02/21 21:52	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	✱	06/02/21 07:17	06/02/21 21:52	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	✱	06/02/21 07:17	06/02/21 21:52	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	✱	06/02/21 07:17	06/02/21 21:52	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	✱	06/02/21 07:17	06/02/21 21:52	1

Euofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-11(0-2)-052621**

**Lab Sample ID: 500-199752-6**

**Date Collected: 05/26/21 09:35**

**Matrix: Solid**

**Date Received: 05/26/21 17:18**

**Percent Solids: 88.3**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>2,4,5-Trichlorophenol</b>	<b>0.13</b>	<b>J</b>	0.37	0.085	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
2,4-Dichlorophenol	<0.37		0.37	0.089	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
2,4-Dinitrophenol	<0.75		0.75	0.66	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
2,4-Dinitrotoluene	<0.19		0.19	0.059	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
2,6-Dinitrotoluene	<0.19		0.19	0.073	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
2-Chlorophenol	<0.19		0.19	0.064	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
2-Methylnaphthalene	<0.075		0.075	0.0069	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
2-Nitrophenol	<0.37		0.37	0.088	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
3 & 4 Methylphenol	<0.19		0.19	0.062	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.052	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.30	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
4-Chloroaniline	<0.75		0.75	0.18	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
4-Nitrophenol	<0.75		0.75	0.36	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
Acenaphthene	<0.037		0.037	0.0067	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
<b>Acenaphthylene</b>	<b>0.0087</b>	<b>J</b>	0.037	0.0049	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
<b>Anthracene</b>	<b>0.040</b>		0.037	0.0062	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
<b>Benzo[a]anthracene</b>	<b>0.077</b>		0.037	0.0050	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
<b>Benzo[a]pyrene</b>	<b>0.11</b>		0.037	0.0072	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
<b>Benzo[b]fluoranthene</b>	<b>0.18</b>		0.037	0.0081	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
<b>Benzo[g,h,i]perylene</b>	<b>0.051</b>		0.037	0.012	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
<b>Benzo[k]fluoranthene</b>	<b>0.054</b>		0.037	0.011	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.068	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
Butyl benzyl phthalate	<0.19		0.19	0.071	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
<b>Carbazole</b>	<b>0.14</b>	<b>J</b>	0.19	0.093	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
<b>Chrysene</b>	<b>0.094</b>		0.037	0.010	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
<b>Dibenz(a,h)anthracene</b>	<b>0.0098</b>	<b>J</b>	0.037	0.0072	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
Diethyl phthalate	<0.19		0.19	0.063	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
<b>Fluoranthene</b>	<b>0.17</b>		0.037	0.0069	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
<b>Fluorene</b>	<b>0.032</b>	<b>J</b>	0.037	0.0053	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
Hexachlorobenzene	<0.075		0.075	0.0087	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
Hexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
Hexachlorocyclopentadiene	<0.75		0.75	0.21	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
Hexachloroethane	<0.19		0.19	0.057	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-11(0-2)-052621**

**Lab Sample ID: 500-199752-6**

Date Collected: 05/26/21 09:35

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 88.3

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.027</b>	<b>J</b>	0.037	0.0097	mg/Kg	☼	06/02/21 07:17	06/02/21 21:52	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	06/02/21 07:17	06/02/21 21:52	1
Naphthalene	<0.037		0.037	0.0057	mg/Kg	☼	06/02/21 07:17	06/02/21 21:52	1
Nitrobenzene	<0.037		0.037	0.0093	mg/Kg	☼	06/02/21 07:17	06/02/21 21:52	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.046	mg/Kg	☼	06/02/21 07:17	06/02/21 21:52	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☼	06/02/21 07:17	06/02/21 21:52	1
Pentachlorophenol	<0.75	*	0.75	0.60	mg/Kg	☼	06/02/21 07:17	06/02/21 21:52	1
<b>Phenanthrene</b>	<b>0.080</b>		0.037	0.0052	mg/Kg	☼	06/02/21 07:17	06/02/21 21:52	1
Phenol	<0.19		0.19	0.083	mg/Kg	☼	06/02/21 07:17	06/02/21 21:52	1
<b>Pyrene</b>	<b>0.14</b>		0.037	0.0074	mg/Kg	☼	06/02/21 07:17	06/02/21 21:52	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
2,4,6-Tribromophenol	54		31 - 143				06/02/21 07:17	06/02/21 21:52	1
2-Fluorobiphenyl	55		43 - 145				06/02/21 07:17	06/02/21 21:52	1
2-Fluorophenol	70		31 - 166				06/02/21 07:17	06/02/21 21:52	1
Nitrobenzene-d5	39		37 - 147				06/02/21 07:17	06/02/21 21:52	1
Phenol-d5	58		30 - 153				06/02/21 07:17	06/02/21 21:52	1
Terphenyl-d14	101		42 - 157				06/02/21 07:17	06/02/21 21:52	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/01/21 18:18	06/02/21 11:58	1
<b>Barium</b>	<b>0.36</b>	<b>J</b>	0.50	0.050	mg/L		06/01/21 18:18	06/02/21 11:58	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/01/21 18:18	06/02/21 11:58	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/21 18:18	06/02/21 11:58	1
Chromium	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:58	1
Cobalt	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:58	1
Copper	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:58	1
Iron	<0.40		0.40	0.20	mg/L		06/01/21 18:18	06/02/21 11:58	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/01/21 18:18	06/02/21 11:58	1
<b>Manganese</b>	<b>0.38</b>		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:58	1
Nickel	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:58	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:18	06/02/21 11:58	1
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:58	1
<b>Zinc</b>	<b>0.023</b>	<b>J</b>	0.50	0.020	mg/L		06/01/21 18:18	06/02/21 11:58	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.095</b>		0.050	0.010	mg/L		06/01/21 18:21	06/02/21 11:08	1
<b>Barium</b>	<b>0.39</b>	<b>J</b>	0.50	0.050	mg/L		06/01/21 18:21	06/02/21 11:08	1
<b>Beryllium</b>	<b>0.0083</b>		0.0040	0.0040	mg/L		06/01/21 18:21	06/02/21 11:08	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/21 18:21	06/02/21 11:08	1
<b>Chromium</b>	<b>0.17</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:08	1
<b>Cobalt</b>	<b>0.065</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:08	1
<b>Copper</b>	<b>0.21</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:08	1
<b>Iron</b>	<b>190</b>		0.40	0.20	mg/L		06/01/21 18:21	06/02/21 11:08	1
<b>Lead</b>	<b>0.23</b>		0.0075	0.0075	mg/L		06/01/21 18:21	06/02/21 11:08	1
<b>Manganese</b>	<b>0.83</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:08	1
<b>Nickel</b>	<b>0.20</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:08	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:21	06/02/21 11:08	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-11(0-2)-052621**

**Lab Sample ID: 500-199752-6**

Date Collected: 05/26/21 09:35

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 88.3

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:08	1
<b>Zinc</b>	<b>0.65</b>		0.50	0.020	mg/L		06/01/21 18:21	06/02/21 11:08	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Antimony</b>	<b>0.47</b>	<b>J</b>	1.0	0.20	mg/Kg	✧	06/01/21 17:09	06/02/21 13:05	1
<b>Arsenic</b>	<b>4.7</b>		0.52	0.18	mg/Kg	✧	06/01/21 17:09	06/02/21 13:05	1
<b>Barium</b>	<b>31</b>		0.52	0.059	mg/Kg	✧	06/01/21 17:09	06/02/21 13:05	1
<b>Beryllium</b>	<b>0.48</b>		0.21	0.049	mg/Kg	✧	06/01/21 17:09	06/02/21 13:05	1
<b>Cadmium</b>	<b>0.34</b>	<b>B</b>	0.10	0.019	mg/Kg	✧	06/01/21 17:09	06/02/21 13:05	1
<b>Calcium</b>	<b>120000</b>	<b>B</b>	52	8.8	mg/Kg	✧	06/01/21 17:09	06/03/21 12:33	5
<b>Chromium</b>	<b>12</b>		0.52	0.26	mg/Kg	✧	06/01/21 17:09	06/02/21 13:05	1
<b>Cobalt</b>	<b>6.5</b>		0.26	0.068	mg/Kg	✧	06/01/21 17:09	06/02/21 13:05	1
<b>Copper</b>	<b>15</b>		0.52	0.15	mg/Kg	✧	06/01/21 17:09	06/02/21 13:05	1
<b>Iron</b>	<b>13000</b>	<b>B</b>	52	27	mg/Kg	✧	06/01/21 17:09	06/03/21 12:33	5
<b>Lead</b>	<b>51</b>		0.26	0.12	mg/Kg	✧	06/01/21 17:09	06/02/21 13:05	1
<b>Magnesium</b>	<b>70000</b>	<b>B</b>	26	13	mg/Kg	✧	06/01/21 17:09	06/03/21 12:33	5
<b>Manganese</b>	<b>270</b>	<b>B</b>	0.52	0.075	mg/Kg	✧	06/01/21 17:09	06/02/21 13:05	1
<b>Nickel</b>	<b>17</b>		0.52	0.15	mg/Kg	✧	06/01/21 17:09	06/02/21 13:05	1
<b>Potassium</b>	<b>1800</b>		26	9.2	mg/Kg	✧	06/01/21 17:09	06/02/21 13:05	1
Selenium	<0.52		0.52	0.31	mg/Kg	✧	06/01/21 17:09	06/02/21 13:05	1
<b>Silver</b>	<b>0.26</b>		0.26	0.067	mg/Kg	✧	06/01/21 17:09	06/02/21 13:05	1
<b>Sodium</b>	<b>1100</b>		52	7.7	mg/Kg	✧	06/01/21 17:09	06/02/21 13:05	1
<b>Thallium</b>	<b>0.31</b>	<b>J</b>	0.52	0.26	mg/Kg	✧	06/01/21 17:09	06/02/21 13:05	1
<b>Vanadium</b>	<b>15</b>		0.26	0.061	mg/Kg	✧	06/01/21 17:09	06/02/21 13:05	1
<b>Zinc</b>	<b>59</b>		1.0	0.46	mg/Kg	✧	06/01/21 17:09	06/02/21 13:05	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 08:27	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 09:33	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.019</b>		0.016	0.0054	mg/Kg	✧	06/01/21 13:20	06/02/21 07:04	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.9</b>		0.2	0.2	SU			06/01/21 15:16	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-15(0-2)-052621**

**Lab Sample ID: 500-199752-8**

**Date Collected: 05/26/21 10:05**

**Matrix: Solid**

**Date Received: 05/26/21 17:18**

**Percent Solids: 84.2**

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0075	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
Benzene	<0.0017		0.0017	0.00044	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
Bromodichloromethane	<0.0017		0.0017	0.00035	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
Bromoform	<0.0017		0.0017	0.00050	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
Bromomethane	<0.0043		0.0043	0.0016	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
Carbon disulfide	<0.0043		0.0043	0.00089	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
Carbon tetrachloride	<0.0017		0.0017	0.00050	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
Chlorobenzene	<0.0017		0.0017	0.00063	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
Chloroethane	<0.0043		0.0043	0.0013	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
Chloroform	<0.0017		0.0017	0.00059	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
Chloromethane	<0.0043		0.0043	0.0017	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00048	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00052	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
Dibromochloromethane	<0.0017		0.0017	0.00056	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
1,1-Dichloroethane	<0.0017		0.0017	0.00059	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
1,2-Dichloroethane	<0.0043		0.0043	0.0013	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
1,1-Dichloroethene	<0.0017		0.0017	0.00059	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
1,2-Dichloropropane	<0.0017		0.0017	0.00044	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00060	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
Ethylbenzene	<0.0017		0.0017	0.00082	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
2-Hexanone	<0.0043		0.0043	0.0013	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
Methylene Chloride	<0.0043		0.0043	0.0017	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
Methyl Ethyl Ketone	<0.0043		0.0043	0.0019	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
methyl isobutyl ketone	<0.0043		0.0043	0.0013	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00050	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
Styrene	<0.0017		0.0017	0.00052	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00055	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
Tetrachloroethene	<0.0017		0.0017	0.00058	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
Toluene	<0.0017		0.0017	0.00043	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00076	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00060	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00058	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00074	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
Trichloroethene	<0.0017		0.0017	0.00058	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
Vinyl chloride	<0.0017		0.0017	0.00076	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
Xylenes, Total	<0.0034		0.0034	0.00055	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		75 - 131	05/27/21 17:55	05/28/21 20:21	1
Dibromofluoromethane	103		75 - 126	05/27/21 17:55	05/28/21 20:21	1
1,2-Dichloroethane-d4 (Surr)	114		70 - 134	05/27/21 17:55	05/28/21 20:21	1
Toluene-d8 (Surr)	103		75 - 124	05/27/21 17:55	05/28/21 20:21	1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.042	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
1,4-Dichlorobenzene	<0.20		0.20	0.050	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.045	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1

Eurofins TestAmerica, Chicago



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-15(0-2)-052621**

**Lab Sample ID: 500-199752-8**

Date Collected: 05/26/21 10:05

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 84.2

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.089	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
2,4,6-Trichlorophenol	<0.39		0.39	0.13	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
2,4-Dichlorophenol	<0.39		0.39	0.093	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
2,4-Dinitrophenol	<0.79		0.79	0.69	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
2,4-Dinitrotoluene	<0.20		0.20	0.062	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
2,6-Dinitrotoluene	<0.20		0.20	0.077	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
2-Chloronaphthalene	<0.20		0.20	0.043	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
2-Chlorophenol	<0.20		0.20	0.067	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
2-Methylnaphthalene	<0.079		0.079	0.0072	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
2-Nitroaniline	<0.20		0.20	0.052	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
2-Nitrophenol	<0.39		0.39	0.092	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
3 & 4 Methylphenol	<0.20		0.20	0.065	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.31	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.051	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
4-Chloroaniline	<0.79		0.79	0.18	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
4-Nitroaniline	<0.39		0.39	0.16	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
4-Nitrophenol	<0.79		0.79	0.37	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
<b>Acenaphthene</b>	<b>0.0084</b>	<b>J</b>	0.039	0.0070	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
Acenaphthylene	<0.039		0.039	0.0051	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
<b>Anthracene</b>	<b>0.040</b>		0.039	0.0065	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
<b>Benzo[a]anthracene</b>	<b>0.040</b>		0.039	0.0052	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
<b>Benzo[a]pyrene</b>	<b>0.058</b>		0.039	0.0075	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
<b>Benzo[b]fluoranthene</b>	<b>0.089</b>		0.039	0.0084	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
<b>Benzo[g,h,i]perylene</b>	<b>0.044</b>		0.039	0.013	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
<b>Benzo[k]fluoranthene</b>	<b>0.031</b>	<b>J</b>	0.039	0.011	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.058	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.071	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
Butyl benzyl phthalate	<0.20		0.20	0.074	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
<b>Carbazole</b>	<b>0.15</b>	<b>J</b>	0.20	0.097	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
<b>Chrysene</b>	<b>0.043</b>		0.039	0.011	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
<b>Dibenz(a,h)anthracene</b>	<b>0.0081</b>	<b>J</b>	0.039	0.0075	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
Diethyl phthalate	<0.20		0.20	0.066	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
Dimethyl phthalate	<0.20		0.20	0.051	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
Di-n-butyl phthalate	<0.20		0.20	0.059	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
<b>Fluoranthene</b>	<b>0.096</b>		0.039	0.0072	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
<b>Fluorene</b>	<b>0.034</b>	<b>J</b>	0.039	0.0055	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
Hexachlorobenzene	<0.079		0.079	0.0090	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
Hexachlorobutadiene	<0.20		0.20	0.061	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
Hexachlorocyclopentadiene	<0.79		0.79	0.22	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
Hexachloroethane	<0.20		0.20	0.059	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-15(0-2)-052621**

**Lab Sample ID: 500-199752-8**

**Date Collected: 05/26/21 10:05**

**Matrix: Solid**

**Date Received: 05/26/21 17:18**

**Percent Solids: 84.2**

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.019</b>	<b>J</b>	0.039	0.010	mg/Kg	☼	06/02/21 07:17	06/02/21 21:03	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	06/02/21 07:17	06/02/21 21:03	1
Naphthalene	<0.039		0.039	0.0060	mg/Kg	☼	06/02/21 07:17	06/02/21 21:03	1
Nitrobenzene	<0.039		0.039	0.0097	mg/Kg	☼	06/02/21 07:17	06/02/21 21:03	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.048	mg/Kg	☼	06/02/21 07:17	06/02/21 21:03	1
N-Nitrosodiphenylamine	<0.20		0.20	0.046	mg/Kg	☼	06/02/21 07:17	06/02/21 21:03	1
Pentachlorophenol	<0.79	*-	0.79	0.63	mg/Kg	☼	06/02/21 07:17	06/02/21 21:03	1
<b>Phenanthrene</b>	<b>0.074</b>		0.039	0.0054	mg/Kg	☼	06/02/21 07:17	06/02/21 21:03	1
Phenol	<0.20		0.20	0.087	mg/Kg	☼	06/02/21 07:17	06/02/21 21:03	1
<b>Pyrene</b>	<b>0.063</b>		0.039	0.0077	mg/Kg	☼	06/02/21 07:17	06/02/21 21:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	58		31 - 143				06/02/21 07:17	06/02/21 21:03	1
2-Fluorobiphenyl	57		43 - 145				06/02/21 07:17	06/02/21 21:03	1
2-Fluorophenol	79		31 - 166				06/02/21 07:17	06/02/21 21:03	1
Nitrobenzene-d5	49		37 - 147				06/02/21 07:17	06/02/21 21:03	1
Phenol-d5	62		30 - 153				06/02/21 07:17	06/02/21 21:03	1
Terphenyl-d14	84		42 - 157				06/02/21 07:17	06/02/21 21:03	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/01/21 18:18	06/02/21 12:12	1
<b>Barium</b>	<b>0.52</b>		0.50	0.050	mg/L		06/01/21 18:18	06/02/21 12:12	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/01/21 18:18	06/02/21 12:12	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/21 18:18	06/02/21 12:12	1
Chromium	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:12	1
Cobalt	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:12	1
Copper	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:12	1
Iron	<0.40		0.40	0.20	mg/L		06/01/21 18:18	06/02/21 12:12	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/01/21 18:18	06/02/21 12:12	1
<b>Manganese</b>	<b>0.41</b>		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:12	1
Nickel	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:12	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:18	06/02/21 12:12	1
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:12	1
Zinc	<0.50		0.50	0.020	mg/L		06/01/21 18:18	06/02/21 12:12	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.075</b>		0.050	0.010	mg/L		06/01/21 18:21	06/02/21 11:14	1
<b>Barium</b>	<b>0.57</b>		0.50	0.050	mg/L		06/01/21 18:21	06/02/21 11:14	1
<b>Beryllium</b>	<b>0.0083</b>		0.0040	0.0040	mg/L		06/01/21 18:21	06/02/21 11:14	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/21 18:21	06/02/21 11:14	1
<b>Chromium</b>	<b>0.17</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:14	1
<b>Cobalt</b>	<b>0.055</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:14	1
<b>Copper</b>	<b>0.18</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:14	1
<b>Iron</b>	<b>180</b>		0.40	0.20	mg/L		06/01/21 18:21	06/02/21 11:14	1
<b>Lead</b>	<b>0.17</b>		0.0075	0.0075	mg/L		06/01/21 18:21	06/02/21 11:14	1
<b>Manganese</b>	<b>0.78</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:14	1
<b>Nickel</b>	<b>0.18</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:14	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:21	06/02/21 11:14	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-15(0-2)-052621**

**Lab Sample ID: 500-199752-8**

Date Collected: 05/26/21 10:05

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 84.2

### Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:14	1
<b>Zinc</b>	<b>0.56</b>		0.50	0.020	mg/L		06/01/21 18:21	06/02/21 11:14	1

### Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Antimony</b>	<b>0.88</b>	<b>J</b>	1.1	0.22	mg/Kg	✧	06/01/21 17:09	06/02/21 13:19	1
<b>Arsenic</b>	<b>7.8</b>		0.56	0.19	mg/Kg	✧	06/01/21 17:09	06/02/21 13:19	1
<b>Barium</b>	<b>55</b>		0.56	0.064	mg/Kg	✧	06/01/21 17:09	06/02/21 13:19	1
<b>Beryllium</b>	<b>0.72</b>		0.22	0.052	mg/Kg	✧	06/01/21 17:09	06/02/21 13:19	1
<b>Cadmium</b>	<b>0.23</b>	<b>B</b>	0.11	0.020	mg/Kg	✧	06/01/21 17:09	06/02/21 13:19	1
<b>Calcium</b>	<b>61000</b>	<b>B</b>	56	9.5	mg/Kg	✧	06/01/21 17:09	06/03/21 12:47	5
<b>Chromium</b>	<b>15</b>		0.56	0.28	mg/Kg	✧	06/01/21 17:09	06/02/21 13:19	1
<b>Cobalt</b>	<b>11</b>		0.28	0.073	mg/Kg	✧	06/01/21 17:09	06/02/21 13:19	1
<b>Copper</b>	<b>20</b>		0.56	0.16	mg/Kg	✧	06/01/21 17:09	06/02/21 13:19	1
<b>Iron</b>	<b>17000</b>	<b>B</b>	11	5.8	mg/Kg	✧	06/01/21 17:09	06/02/21 13:19	1
<b>Lead</b>	<b>29</b>		0.28	0.13	mg/Kg	✧	06/01/21 17:09	06/02/21 13:19	1
<b>Magnesium</b>	<b>27000</b>	<b>B</b>	5.6	2.8	mg/Kg	✧	06/01/21 17:09	06/02/21 13:19	1
<b>Manganese</b>	<b>400</b>	<b>B</b>	0.56	0.081	mg/Kg	✧	06/01/21 17:09	06/02/21 13:19	1
<b>Nickel</b>	<b>26</b>		0.56	0.16	mg/Kg	✧	06/01/21 17:09	06/02/21 13:19	1
<b>Potassium</b>	<b>2300</b>		28	9.9	mg/Kg	✧	06/01/21 17:09	06/02/21 13:19	1
<b>Selenium</b>	<b>0.35</b>	<b>J</b>	0.56	0.33	mg/Kg	✧	06/01/21 17:09	06/02/21 13:19	1
<b>Silver</b>	<b>0.40</b>		0.28	0.072	mg/Kg	✧	06/01/21 17:09	06/02/21 13:19	1
<b>Sodium</b>	<b>1300</b>		56	8.3	mg/Kg	✧	06/01/21 17:09	06/02/21 13:19	1
Thallium	<0.56		0.56	0.28	mg/Kg	✧	06/01/21 17:09	06/02/21 13:19	1
<b>Vanadium</b>	<b>22</b>		0.28	0.066	mg/Kg	✧	06/01/21 17:09	06/02/21 13:19	1
<b>Zinc</b>	<b>60</b>		1.1	0.49	mg/Kg	✧	06/01/21 17:09	06/02/21 13:19	1

### Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 08:31	1

### Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 09:37	1

### Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.025</b>		0.020	0.0065	mg/Kg	✧	06/01/21 13:20	06/02/21 07:12	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.4</b>		0.2	0.2	SU			06/01/21 15:35	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-17(0-2)-052621**

**Lab Sample ID: 500-199752-9**

Date Collected: 05/26/21 10:20

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 90.6

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018		0.018	0.0080	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
Benzene	<0.0018		0.0018	0.00047	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
Bromodichloromethane	<0.0018		0.0018	0.00037	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
Bromoform	<0.0018		0.0018	0.00054	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
Bromomethane	<0.0046		0.0046	0.0017	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
Carbon disulfide	<0.0046		0.0046	0.00096	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
Carbon tetrachloride	<0.0018		0.0018	0.00053	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
Chlorobenzene	<0.0018		0.0018	0.00068	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
Chloroethane	<0.0046	*+	0.0046	0.0014	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
Chloroform	<0.0018		0.0018	0.00064	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
Chloromethane	<0.0046		0.0046	0.0018	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00051	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00055	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
Dibromochloromethane	<0.0018		0.0018	0.00060	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
1,1-Dichloroethane	<0.0018		0.0018	0.00063	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
1,2-Dichloroethane	<0.0046		0.0046	0.0014	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
1,1-Dichloroethene	<0.0018		0.0018	0.00063	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
1,2-Dichloropropane	<0.0018		0.0018	0.00047	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
1,3-Dichloropropane, Total	<0.0018		0.0018	0.00064	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
Ethylbenzene	<0.0018		0.0018	0.00088	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
2-Hexanone	<0.0046		0.0046	0.0014	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
Methylene Chloride	<0.0046		0.0046	0.0018	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
Methyl Ethyl Ketone	<0.0046		0.0046	0.0020	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
methyl isobutyl ketone	<0.0046		0.0046	0.0014	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00054	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
Styrene	<0.0018		0.0018	0.00055	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00059	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
Tetrachloroethene	<0.0018		0.0018	0.00063	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
Toluene	<0.0018		0.0018	0.00046	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00081	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00064	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00062	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00079	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
Trichloroethene	<0.0018		0.0018	0.00062	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
Vinyl chloride	<0.0018		0.0018	0.00081	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
Xylenes, Total	<0.0037		0.0037	0.00059	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		75 - 131	05/27/21 17:55	06/01/21 12:51	1
Dibromofluoromethane	102		75 - 126	05/27/21 17:55	06/01/21 12:51	1
1,2-Dichloroethane-d4 (Surr)	108		70 - 134	05/27/21 17:55	06/01/21 12:51	1
Toluene-d8 (Surr)	103		75 - 124	05/27/21 17:55	06/01/21 12:51	1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.039	mg/Kg	☼	06/02/21 07:17	06/03/21 01:07	1
1,2-Dichlorobenzene	<0.18		0.18	0.043	mg/Kg	☼	06/02/21 07:17	06/03/21 01:07	1
1,3-Dichlorobenzene	<0.18		0.18	0.041	mg/Kg	☼	06/02/21 07:17	06/03/21 01:07	1
1,4-Dichlorobenzene	<0.18		0.18	0.046	mg/Kg	☼	06/02/21 07:17	06/03/21 01:07	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.042	mg/Kg	☼	06/02/21 07:17	06/03/21 01:07	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-17(0-2)-052621**

**Lab Sample ID: 500-199752-9**

Date Collected: 05/26/21 10:20

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 90.6

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.36		0.36	0.083	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
2,4,6-Trichlorophenol	<0.36		0.36	0.12	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
2,4-Dichlorophenol	<0.36		0.36	0.086	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
2,4-Dimethylphenol	<0.36		0.36	0.14	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
2,4-Dinitrophenol	<0.73		0.73	0.64	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
2,4-Dinitrotoluene	<0.18		0.18	0.058	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
2,6-Dinitrotoluene	<0.18		0.18	0.071	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
2-Chloronaphthalene	<0.18		0.18	0.040	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
2-Chlorophenol	<0.18		0.18	0.062	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
2-Methylnaphthalene	<0.073		0.073	0.0067	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
2-Methylphenol	<0.18		0.18	0.058	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
2-Nitroaniline	<0.18		0.18	0.049	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
2-Nitrophenol	<0.36		0.36	0.086	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
3 & 4 Methylphenol	<0.18		0.18	0.060	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.051	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
3-Nitroaniline	<0.36		0.36	0.11	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
4,6-Dinitro-2-methylphenol	<0.73		0.73	0.29	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.048	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
4-Chloro-3-methylphenol	<0.36		0.36	0.12	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
4-Chloroaniline	<0.73		0.73	0.17	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.042	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
4-Nitroaniline	<0.36		0.36	0.15	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
4-Nitrophenol	<0.73		0.73	0.34	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
<b>Acenaphthene</b>	<b>0.0071</b>	<b>J</b>	0.036	0.0065	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
<b>Acenaphthylene</b>	<b>0.014</b>	<b>J</b>	0.036	0.0048	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
<b>Anthracene</b>	<b>0.050</b>		0.036	0.0061	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
<b>Benzo[a]anthracene</b>	<b>0.15</b>		0.036	0.0049	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
<b>Benzo[a]pyrene</b>	<b>0.23</b>	<b>*3</b>	0.036	0.0070	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
<b>Benzo[b]fluoranthene</b>	<b>0.40</b>	<b>*3</b>	0.036	0.0078	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
<b>Benzo[g,h,i]perylene</b>	<b>0.093</b>	<b>*3</b>	0.036	0.012	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
<b>Benzo[k]fluoranthene</b>	<b>0.15</b>	<b>*3</b>	0.036	0.011	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.037	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.054	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.066	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
Butyl benzyl phthalate	<0.18		0.18	0.069	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
<b>Carbazole</b>	<b>0.15</b>	<b>J</b>	0.18	0.091	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
<b>Chrysene</b>	<b>0.19</b>		0.036	0.0099	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
<b>Dibenz(a,h)anthracene</b>	<b>0.025</b>	<b>J *3</b>	0.036	0.0070	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
Dibenzofuran	<0.18		0.18	0.042	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
Diethyl phthalate	<0.18		0.18	0.061	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
Dimethyl phthalate	<0.18		0.18	0.047	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
Di-n-butyl phthalate	<0.18		0.18	0.055	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
Di-n-octyl phthalate	<0.18		0.18	0.059	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
<b>Fluoranthene</b>	<b>0.27</b>		0.036	0.0067	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
<b>Fluorene</b>	<b>0.035</b>	<b>J</b>	0.036	0.0051	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
Hexachlorobenzene	<0.073		0.073	0.0084	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
Hexachlorobutadiene	<0.18		0.18	0.057	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
Hexachlorocyclopentadiene	<0.73		0.73	0.21	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
Hexachloroethane	<0.18		0.18	0.055	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-17(0-2)-052621**

**Lab Sample ID: 500-199752-9**

Date Collected: 05/26/21 10:20

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 90.6

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.078</b>	<b>*3</b>	0.036	0.0094	mg/Kg	☼	06/02/21 07:17	06/03/21 01:07	1
Isophorone	<0.18		0.18	0.041	mg/Kg	☼	06/02/21 07:17	06/03/21 01:07	1
Naphthalene	<0.036		0.036	0.0056	mg/Kg	☼	06/02/21 07:17	06/03/21 01:07	1
Nitrobenzene	<0.036		0.036	0.0090	mg/Kg	☼	06/02/21 07:17	06/03/21 01:07	1
N-Nitrosodi-n-propylamine	<0.073		0.073	0.044	mg/Kg	☼	06/02/21 07:17	06/03/21 01:07	1
N-Nitrosodiphenylamine	<0.18		0.18	0.043	mg/Kg	☼	06/02/21 07:17	06/03/21 01:07	1
Pentachlorophenol	<0.73	*-	0.73	0.58	mg/Kg	☼	06/02/21 07:17	06/03/21 01:07	1
<b>Phenanthrene</b>	<b>0.12</b>		0.036	0.0051	mg/Kg	☼	06/02/21 07:17	06/03/21 01:07	1
Phenol	<0.18		0.18	0.081	mg/Kg	☼	06/02/21 07:17	06/03/21 01:07	1
<b>Pyrene</b>	<b>0.49</b>		0.036	0.0072	mg/Kg	☼	06/02/21 07:17	06/03/21 01:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	81		31 - 143				06/02/21 07:17	06/03/21 01:07	1
2-Fluorobiphenyl	85		43 - 145				06/02/21 07:17	06/03/21 01:07	1
2-Fluorophenol	110		31 - 166				06/02/21 07:17	06/03/21 01:07	1
Nitrobenzene-d5	74		37 - 147				06/02/21 07:17	06/03/21 01:07	1
Phenol-d5	92		30 - 153				06/02/21 07:17	06/03/21 01:07	1
Terphenyl-d14	205	S1+	42 - 157				06/02/21 07:17	06/03/21 01:07	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/01/21 18:18	06/02/21 12:16	1
<b>Barium</b>	<b>0.46</b>	<b>J</b>	0.50	0.050	mg/L		06/01/21 18:18	06/02/21 12:16	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/01/21 18:18	06/02/21 12:16	1
<b>Cadmium</b>	<b>0.0030</b>	<b>J</b>	0.0050	0.0020	mg/L		06/01/21 18:18	06/02/21 12:16	1
Chromium	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:16	1
Cobalt	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:16	1
Copper	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:16	1
Iron	<0.40		0.40	0.20	mg/L		06/01/21 18:18	06/02/21 12:16	1
<b>Lead</b>	<b>0.0085</b>		0.0075	0.0075	mg/L		06/01/21 18:18	06/02/21 12:16	1
<b>Manganese</b>	<b>0.77</b>		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:16	1
Nickel	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:16	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:18	06/02/21 12:16	1
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:16	1
<b>Zinc</b>	<b>0.22</b>	<b>J</b>	0.50	0.020	mg/L		06/01/21 18:18	06/02/21 12:16	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.038</b>	<b>J</b>	0.050	0.010	mg/L		06/01/21 18:21	06/02/21 11:17	1
<b>Barium</b>	<b>0.40</b>	<b>J</b>	0.50	0.050	mg/L		06/01/21 18:21	06/02/21 11:17	1
<b>Beryllium</b>	<b>0.0051</b>		0.0040	0.0040	mg/L		06/01/21 18:21	06/02/21 11:17	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/21 18:21	06/02/21 11:17	1
<b>Chromium</b>	<b>0.12</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:17	1
<b>Cobalt</b>	<b>0.029</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:17	1
<b>Copper</b>	<b>0.13</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:17	1
<b>Iron</b>	<b>110</b>		0.40	0.20	mg/L		06/01/21 18:21	06/02/21 11:17	1
<b>Lead</b>	<b>0.31</b>		0.0075	0.0075	mg/L		06/01/21 18:21	06/02/21 11:17	1
<b>Manganese</b>	<b>0.66</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:17	1
<b>Nickel</b>	<b>0.099</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:17	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:21	06/02/21 11:17	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-17(0-2)-052621**

**Lab Sample ID: 500-199752-9**

Date Collected: 05/26/21 10:20

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 90.6

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:17	1
Zinc	0.88		0.50	0.020	mg/L		06/01/21 18:21	06/02/21 11:17	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.73	J	1.1	0.21	mg/Kg	✱	06/01/21 17:09	06/02/21 13:22	1
Arsenic	5.3		0.53	0.18	mg/Kg	✱	06/01/21 17:09	06/02/21 13:22	1
Barium	73		0.53	0.061	mg/Kg	✱	06/01/21 17:09	06/02/21 13:22	1
Beryllium	0.48		0.21	0.050	mg/Kg	✱	06/01/21 17:09	06/02/21 13:22	1
Cadmium	0.55	B	0.11	0.019	mg/Kg	✱	06/01/21 17:09	06/02/21 13:22	1
Calcium	85000	B	53	9.0	mg/Kg	✱	06/01/21 17:09	06/03/21 12:50	5
Chromium	29		0.53	0.26	mg/Kg	✱	06/01/21 17:09	06/02/21 13:22	1
Cobalt	6.1		0.27	0.070	mg/Kg	✱	06/01/21 17:09	06/02/21 13:22	1
Copper	30		0.53	0.15	mg/Kg	✱	06/01/21 17:09	06/02/21 13:22	1
Iron	17000	B	53	28	mg/Kg	✱	06/01/21 17:09	06/03/21 12:50	5
Lead	92		0.27	0.12	mg/Kg	✱	06/01/21 17:09	06/02/21 13:22	1
Magnesium	47000	B	27	13	mg/Kg	✱	06/01/21 17:09	06/03/21 12:50	5
Manganese	530	B	0.53	0.077	mg/Kg	✱	06/01/21 17:09	06/02/21 13:22	1
Nickel	21		0.53	0.15	mg/Kg	✱	06/01/21 17:09	06/02/21 13:22	1
Potassium	1300		27	9.4	mg/Kg	✱	06/01/21 17:09	06/02/21 13:22	1
Selenium	0.63		0.53	0.31	mg/Kg	✱	06/01/21 17:09	06/02/21 13:22	1
Silver	0.27		0.27	0.069	mg/Kg	✱	06/01/21 17:09	06/02/21 13:22	1
Sodium	1300		53	7.9	mg/Kg	✱	06/01/21 17:09	06/02/21 13:22	1
Thallium	<0.53		0.53	0.27	mg/Kg	✱	06/01/21 17:09	06/02/21 13:22	1
Vanadium	25		0.27	0.063	mg/Kg	✱	06/01/21 17:09	06/02/21 13:22	1
Zinc	170		1.1	0.47	mg/Kg	✱	06/01/21 17:09	06/02/21 13:22	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 08:33	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 09:39	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.024		0.017	0.0058	mg/Kg	✱	06/01/21 13:20	06/02/21 07:14	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.3		0.2	0.2	SU			06/01/21 15:35	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-19(0-2)-052621**

**Lab Sample ID: 500-199752-10**

Date Collected: 05/26/21 10:35

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 82.3

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0074	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
Benzene	<0.0017		0.0017	0.00043	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
Bromodichloromethane	<0.0017		0.0017	0.00035	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
Bromoform	<0.0017		0.0017	0.00050	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
Bromomethane	<0.0042		0.0042	0.0016	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
Carbon disulfide	<0.0042		0.0042	0.00088	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
Carbon tetrachloride	<0.0017		0.0017	0.00049	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
Chlorobenzene	<0.0017		0.0017	0.00063	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
Chloroethane	<0.0042		0.0042	0.0013	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
Chloroform	<0.0017		0.0017	0.00059	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
Chloromethane	<0.0042		0.0042	0.0017	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00047	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00051	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
Dibromochloromethane	<0.0017		0.0017	0.00056	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
1,1-Dichloroethane	<0.0017		0.0017	0.00058	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
1,2-Dichloroethane	<0.0042		0.0042	0.0013	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
1,1-Dichloroethene	<0.0017		0.0017	0.00058	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
1,2-Dichloropropane	<0.0017		0.0017	0.00044	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
1,3-Dichloropropane, Total	<0.0017		0.0017	0.00060	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
Ethylbenzene	<0.0017		0.0017	0.00081	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
2-Hexanone	<0.0042		0.0042	0.0013	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
<b>Methylene Chloride</b>	<b>0.0019</b>	<b>J</b>	0.0042	0.0017	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
Methyl Ethyl Ketone	<0.0042		0.0042	0.0019	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
methyl isobutyl ketone	<0.0042		0.0042	0.0013	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00050	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
Styrene	<0.0017		0.0017	0.00051	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00054	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
Tetrachloroethene	<0.0017		0.0017	0.00058	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
Toluene	<0.0017		0.0017	0.00043	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00075	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00060	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00057	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00073	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
Trichloroethene	<0.0017		0.0017	0.00057	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
Vinyl chloride	<0.0017		0.0017	0.00075	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
<b>Xylenes, Total</b>	<b>0.00062</b>	<b>J</b>	0.0034	0.00054	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		75 - 131	05/27/21 17:55	06/02/21 11:54	1
Dibromofluoromethane	93		75 - 126	05/27/21 17:55	06/02/21 11:54	1
1,2-Dichloroethane-d4 (Surr)	89		70 - 134	05/27/21 17:55	06/02/21 11:54	1
Toluene-d8 (Surr)	97		75 - 124	05/27/21 17:55	06/02/21 11:54	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.043	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
1,2-Dichlorobenzene	<0.20		0.20	0.048	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
1,3-Dichlorobenzene	<0.20		0.20	0.045	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
1,4-Dichlorobenzene	<0.20		0.20	0.051	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1

Eurofins TestAmerica, Chicago



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-19(0-2)-052621**

**Lab Sample ID: 500-199752-10**

Date Collected: 05/26/21 10:35

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 82.3

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.40		0.40	0.091	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
2,4,6-Trichlorophenol	<0.40		0.40	0.14	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
2,4-Dichlorophenol	<0.40		0.40	0.095	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
2,4-Dimethylphenol	<0.40		0.40	0.15	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
2,4-Dinitrophenol	<0.80		0.80	0.70	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
2,4-Dinitrotoluene	<0.20		0.20	0.063	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
2,6-Dinitrotoluene	<0.20		0.20	0.078	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
2-Chlorophenol	<0.20		0.20	0.068	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
2-Methylnaphthalene	<0.080		0.080	0.0073	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
2-Methylphenol	<0.20		0.20	0.064	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
2-Nitroaniline	<0.20		0.20	0.054	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
2-Nitrophenol	<0.40		0.40	0.094	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
3 & 4 Methylphenol	<0.20		0.20	0.066	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.056	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
3-Nitroaniline	<0.40		0.40	0.12	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
4,6-Dinitro-2-methylphenol	<0.80		0.80	0.32	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.053	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
4-Chloro-3-methylphenol	<0.40		0.40	0.14	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
4-Chloroaniline	<0.80		0.80	0.19	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.047	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
4-Nitroaniline	<0.40		0.40	0.17	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
4-Nitrophenol	<0.80		0.80	0.38	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
Acenaphthene	<0.040		0.040	0.0072	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
Acenaphthylene	<0.040		0.040	0.0053	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
<b>Anthracene</b>	<b>0.036</b>	<b>J</b>	0.040	0.0067	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
<b>Benzo[a]anthracene</b>	<b>0.033</b>	<b>J</b>	0.040	0.0054	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
<b>Benzo[a]pyrene</b>	<b>0.042</b>		0.040	0.0077	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
<b>Benzo[b]fluoranthene</b>	<b>0.062</b>		0.040	0.0086	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
<b>Benzo[g,h,i]perylene</b>	<b>0.044</b>		0.040	0.013	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
<b>Benzo[k]fluoranthene</b>	<b>0.022</b>	<b>J</b>	0.040	0.012	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.041	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.060	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.073	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
Butyl benzyl phthalate	<0.20		0.20	0.076	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
<b>Carbazole</b>	<b>0.15</b>	<b>J</b>	0.20	0.10	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
<b>Chrysene</b>	<b>0.036</b>	<b>J</b>	0.040	0.011	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
<b>Dibenz(a,h)anthracene</b>	<b>0.0080</b>	<b>J</b>	0.040	0.0077	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
Dibenzofuran	<0.20		0.20	0.047	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
Diethyl phthalate	<0.20		0.20	0.068	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
Dimethyl phthalate	<0.20		0.20	0.052	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
Di-n-butyl phthalate	<0.20		0.20	0.061	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
Di-n-octyl phthalate	<0.20		0.20	0.065	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
<b>Fluoranthene</b>	<b>0.078</b>		0.040	0.0074	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
<b>Fluorene</b>	<b>0.032</b>	<b>J</b>	0.040	0.0056	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
Hexachlorobenzene	<0.080		0.080	0.0092	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
Hexachlorobutadiene	<0.20		0.20	0.063	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
Hexachlorocyclopentadiene	<0.80		0.80	0.23	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
Hexachloroethane	<0.20		0.20	0.061	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1

Euofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-19(0-2)-052621**

**Lab Sample ID: 500-199752-10**

Date Collected: 05/26/21 10:35

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 82.3

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.017</b>	<b>J</b>	0.040	0.010	mg/Kg	☼	06/02/21 07:17	06/02/21 19:26	1
Isophorone	<0.20		0.20	0.045	mg/Kg	☼	06/02/21 07:17	06/02/21 19:26	1
Naphthalene	<0.040		0.040	0.0061	mg/Kg	☼	06/02/21 07:17	06/02/21 19:26	1
Nitrobenzene	<0.040		0.040	0.0099	mg/Kg	☼	06/02/21 07:17	06/02/21 19:26	1
N-Nitrosodi-n-propylamine	<0.080		0.080	0.049	mg/Kg	☼	06/02/21 07:17	06/02/21 19:26	1
N-Nitrosodiphenylamine	<0.20		0.20	0.047	mg/Kg	☼	06/02/21 07:17	06/02/21 19:26	1
Pentachlorophenol	<0.80	*-	0.80	0.64	mg/Kg	☼	06/02/21 07:17	06/02/21 19:26	1
<b>Phenanthrene</b>	<b>0.049</b>		0.040	0.0056	mg/Kg	☼	06/02/21 07:17	06/02/21 19:26	1
Phenol	<0.20		0.20	0.089	mg/Kg	☼	06/02/21 07:17	06/02/21 19:26	1
<b>Pyrene</b>	<b>0.047</b>		0.040	0.0079	mg/Kg	☼	06/02/21 07:17	06/02/21 19:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	67		31 - 143				06/02/21 07:17	06/02/21 19:26	1
2-Fluorobiphenyl	68		43 - 145				06/02/21 07:17	06/02/21 19:26	1
2-Fluorophenol	87		31 - 166				06/02/21 07:17	06/02/21 19:26	1
Nitrobenzene-d5	59		37 - 147				06/02/21 07:17	06/02/21 19:26	1
Phenol-d5	74		30 - 153				06/02/21 07:17	06/02/21 19:26	1
Terphenyl-d14	106		42 - 157				06/02/21 07:17	06/02/21 19:26	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/01/21 18:18	06/02/21 12:20	1
<b>Barium</b>	<b>0.53</b>		0.50	0.050	mg/L		06/01/21 18:18	06/02/21 12:20	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/01/21 18:18	06/02/21 12:20	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/21 18:18	06/02/21 12:20	1
Chromium	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:20	1
Cobalt	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:20	1
Copper	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:20	1
Iron	<0.40		0.40	0.20	mg/L		06/01/21 18:18	06/02/21 12:20	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/01/21 18:18	06/02/21 12:20	1
<b>Manganese</b>	<b>0.45</b>		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:20	1
Nickel	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:20	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:18	06/02/21 12:20	1
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:20	1
<b>Zinc</b>	<b>0.039</b>	<b>J</b>	0.50	0.020	mg/L		06/01/21 18:18	06/02/21 12:20	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.041</b>	<b>J</b>	0.050	0.010	mg/L		06/01/21 18:21	06/02/21 11:20	1
<b>Barium</b>	<b>0.66</b>		0.50	0.050	mg/L		06/01/21 18:21	06/02/21 11:20	1
<b>Beryllium</b>	<b>0.0063</b>		0.0040	0.0040	mg/L		06/01/21 18:21	06/02/21 11:20	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/21 18:21	06/02/21 11:20	1
<b>Chromium</b>	<b>0.14</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:20	1
<b>Cobalt</b>	<b>0.031</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:20	1
<b>Copper</b>	<b>0.10</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:20	1
<b>Iron</b>	<b>130</b>		0.40	0.20	mg/L		06/01/21 18:21	06/02/21 11:20	1
<b>Lead</b>	<b>0.10</b>		0.0075	0.0075	mg/L		06/01/21 18:21	06/02/21 11:20	1
<b>Manganese</b>	<b>0.59</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:20	1
<b>Nickel</b>	<b>0.12</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:20	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:21	06/02/21 11:20	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-19(0-2)-052621**

**Lab Sample ID: 500-199752-10**

Date Collected: 05/26/21 10:35

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 82.3

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:20	1
<b>Zinc</b>	<b>0.41</b>	<b>J</b>	0.50	0.020	mg/L		06/01/21 18:21	06/02/21 11:20	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Antimony</b>	<b>0.64</b>	<b>J</b>	1.2	0.23	mg/Kg	✱	06/01/21 17:09	06/02/21 13:25	1
<b>Arsenic</b>	<b>5.1</b>		0.59	0.20	mg/Kg	✱	06/01/21 17:09	06/02/21 13:25	1
<b>Barium</b>	<b>100</b>		0.59	0.067	mg/Kg	✱	06/01/21 17:09	06/02/21 13:25	1
<b>Beryllium</b>	<b>0.68</b>		0.24	0.055	mg/Kg	✱	06/01/21 17:09	06/02/21 13:25	1
<b>Cadmium</b>	<b>0.30</b>	<b>B</b>	0.12	0.021	mg/Kg	✱	06/01/21 17:09	06/02/21 13:25	1
<b>Calcium</b>	<b>8300</b>	<b>B</b>	12	2.0	mg/Kg	✱	06/01/21 17:09	06/02/21 13:25	1
<b>Chromium</b>	<b>15</b>		0.59	0.29	mg/Kg	✱	06/01/21 17:09	06/02/21 13:25	1
<b>Cobalt</b>	<b>7.5</b>		0.30	0.077	mg/Kg	✱	06/01/21 17:09	06/02/21 13:25	1
<b>Copper</b>	<b>14</b>		0.59	0.17	mg/Kg	✱	06/01/21 17:09	06/02/21 13:25	1
<b>Iron</b>	<b>13000</b>	<b>B</b>	12	6.2	mg/Kg	✱	06/01/21 17:09	06/02/21 13:25	1
<b>Lead</b>	<b>25</b>		0.30	0.14	mg/Kg	✱	06/01/21 17:09	06/02/21 13:25	1
<b>Magnesium</b>	<b>5300</b>	<b>B</b>	5.9	2.9	mg/Kg	✱	06/01/21 17:09	06/02/21 13:25	1
<b>Manganese</b>	<b>410</b>	<b>B</b>	0.59	0.086	mg/Kg	✱	06/01/21 17:09	06/02/21 13:25	1
<b>Nickel</b>	<b>16</b>		0.59	0.17	mg/Kg	✱	06/01/21 17:09	06/02/21 13:25	1
<b>Potassium</b>	<b>1300</b>		30	10	mg/Kg	✱	06/01/21 17:09	06/02/21 13:25	1
<b>Selenium</b>	<b>0.64</b>		0.59	0.35	mg/Kg	✱	06/01/21 17:09	06/02/21 13:25	1
<b>Silver</b>	<b>0.45</b>		0.30	0.076	mg/Kg	✱	06/01/21 17:09	06/02/21 13:25	1
<b>Sodium</b>	<b>1100</b>		59	8.8	mg/Kg	✱	06/01/21 17:09	06/02/21 13:25	1
Thallium	<0.59		0.59	0.30	mg/Kg	✱	06/01/21 17:09	06/02/21 13:25	1
<b>Vanadium</b>	<b>27</b>		0.30	0.070	mg/Kg	✱	06/01/21 17:09	06/02/21 13:25	1
<b>Zinc</b>	<b>61</b>		1.2	0.52	mg/Kg	✱	06/01/21 17:09	06/02/21 13:25	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 08:35	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 09:41	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.036</b>		0.018	0.0059	mg/Kg	✱	06/01/21 13:20	06/02/21 07:15	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>7.8</b>		0.2	0.2	SU			06/01/21 15:35	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-19(0-2)-052621D**

**Lab Sample ID: 500-199752-11**

Date Collected: 05/26/21 10:35

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 81.7

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0076	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
Benzene	<0.0017		0.0017	0.00044	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
Bromodichloromethane	<0.0017		0.0017	0.00035	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
Bromoform	<0.0017		0.0017	0.00051	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
Bromomethane	<0.0043		0.0043	0.0016	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
Carbon disulfide	<0.0043		0.0043	0.00090	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
Carbon tetrachloride	<0.0017		0.0017	0.00050	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
Chlorobenzene	<0.0017		0.0017	0.00064	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
Chloroethane	<0.0043	*+	0.0043	0.0013	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
Chloroform	<0.0017		0.0017	0.00060	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
Chloromethane	<0.0043		0.0043	0.0017	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00048	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00052	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
Dibromochloromethane	<0.0017		0.0017	0.00057	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
1,1-Dichloroethane	<0.0017		0.0017	0.00059	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
1,2-Dichloroethane	<0.0043		0.0043	0.0014	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
1,1-Dichloroethene	<0.0017		0.0017	0.00060	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
1,2-Dichloropropane	<0.0017		0.0017	0.00045	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
1,3-Dichloropropane, Total	<0.0017		0.0017	0.00061	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
Ethylbenzene	<0.0017		0.0017	0.00083	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
2-Hexanone	<0.0043		0.0043	0.0014	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
Methylene Chloride	<0.0043		0.0043	0.0017	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
Methyl Ethyl Ketone	<0.0043		0.0043	0.0019	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
methyl isobutyl ketone	<0.0043		0.0043	0.0013	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00051	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
Styrene	<0.0017		0.0017	0.00052	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00055	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
Tetrachloroethene	<0.0017		0.0017	0.00059	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
Toluene	<0.0017		0.0017	0.00044	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00077	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00061	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00058	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00074	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
Trichloroethene	<0.0017		0.0017	0.00059	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
Vinyl chloride	<0.0017		0.0017	0.00077	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
Xylenes, Total	<0.0035		0.0035	0.00055	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		75 - 131	05/27/21 17:55	06/01/21 13:42	1
Dibromofluoromethane	102		75 - 126	05/27/21 17:55	06/01/21 13:42	1
1,2-Dichloroethane-d4 (Surr)	111		70 - 134	05/27/21 17:55	06/01/21 13:42	1
Toluene-d8 (Surr)	103		75 - 124	05/27/21 17:55	06/01/21 13:42	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
1,2-Dichlorobenzene	<0.20		0.20	0.048	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
1,3-Dichlorobenzene	<0.20		0.20	0.046	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
1,4-Dichlorobenzene	<0.20		0.20	0.052	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.047	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-19(0-2)-052621D**

**Lab Sample ID: 500-199752-11**

**Date Collected: 05/26/21 10:35**

**Matrix: Solid**

**Date Received: 05/26/21 17:18**

**Percent Solids: 81.7**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.40		0.40	0.093	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
2,4,6-Trichlorophenol	<0.40		0.40	0.14	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
2,4-Dichlorophenol	<0.40		0.40	0.096	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
2,4-Dimethylphenol	<0.40		0.40	0.15	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
2,4-Dinitrophenol	<0.82		0.82	0.71	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
2,4-Dinitrotoluene	<0.20		0.20	0.064	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
2,6-Dinitrotoluene	<0.20		0.20	0.080	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
2-Chloronaphthalene	<0.20		0.20	0.045	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
2-Chlorophenol	<0.20		0.20	0.069	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
2-Methylnaphthalene	<0.082		0.082	0.0075	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
2-Methylphenol	<0.20		0.20	0.065	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
2-Nitroaniline	<0.20		0.20	0.055	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
2-Nitrophenol	<0.40		0.40	0.096	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
3 & 4 Methylphenol	<0.20		0.20	0.068	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.057	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
3-Nitroaniline	<0.40		0.40	0.13	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
4,6-Dinitro-2-methylphenol	<0.82		0.82	0.33	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.053	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
4-Chloro-3-methylphenol	<0.40		0.40	0.14	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
4-Chloroaniline	<0.82		0.82	0.19	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.047	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
4-Nitroaniline	<0.40		0.40	0.17	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
4-Nitrophenol	<0.82		0.82	0.39	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Acenaphthene	<0.040		0.040	0.0073	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Acenaphthylene	<0.040		0.040	0.0053	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
<b>Anthracene</b>	<b>0.034</b>	<b>J</b>	0.040	0.0068	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
<b>Benzo[a]anthracene</b>	<b>0.014</b>	<b>J</b>	0.040	0.0055	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
<b>Benzo[a]pyrene</b>	<b>0.020</b>	<b>J</b>	0.040	0.0079	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
<b>Benzo[b]fluoranthene</b>	<b>0.028</b>	<b>J</b>	0.040	0.0088	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
<b>Benzo[g,h,i]perylene</b>	<b>0.040</b>		0.040	0.013	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Benzo[k]fluoranthene	<0.040		0.040	0.012	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.041	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.061	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.074	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Butyl benzyl phthalate	<0.20		0.20	0.077	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
<b>Carbazole</b>	<b>0.15</b>	<b>J</b>	0.20	0.10	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
<b>Chrysene</b>	<b>0.014</b>	<b>J</b>	0.040	0.011	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Dibenz(a,h)anthracene	<0.040		0.040	0.0078	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Dibenzofuran	<0.20		0.20	0.048	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Diethyl phthalate	<0.20		0.20	0.069	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Dimethyl phthalate	<0.20		0.20	0.053	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Di-n-butyl phthalate	<0.20		0.20	0.062	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Di-n-octyl phthalate	<0.20		0.20	0.066	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
<b>Fluoranthene</b>	<b>0.056</b>		0.040	0.0075	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Fluorene	<0.040		0.040	0.0057	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Hexachlorobenzene	<0.082		0.082	0.0094	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Hexachlorobutadiene	<0.20		0.20	0.064	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Hexachlorocyclopentadiene	<0.82		0.82	0.23	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Hexachloroethane	<0.20		0.20	0.062	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-19(0-2)-052621D**

**Lab Sample ID: 500-199752-11**

Date Collected: 05/26/21 10:35

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 81.7

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.040		0.040	0.011	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Isophorone	<0.20		0.20	0.046	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Naphthalene	<0.040		0.040	0.0062	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Nitrobenzene	<0.040		0.040	0.010	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
N-Nitrosodi-n-propylamine	<0.082		0.082	0.050	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
N-Nitrosodiphenylamine	<0.20		0.20	0.048	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Pentachlorophenol	<0.82	*	0.82	0.65	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
<b>Phenanthrene</b>	<b>0.043</b>		0.040	0.0057	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Phenol	<0.20		0.20	0.090	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
<b>Pyrene</b>	<b>0.020</b>	<b>J</b>	0.040	0.0081	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	72		31 - 143	06/02/21 07:17	06/02/21 19:51	1
2-Fluorobiphenyl	71		43 - 145	06/02/21 07:17	06/02/21 19:51	1
2-Fluorophenol	89		31 - 166	06/02/21 07:17	06/02/21 19:51	1
Nitrobenzene-d5	58		37 - 147	06/02/21 07:17	06/02/21 19:51	1
Phenol-d5	82		30 - 153	06/02/21 07:17	06/02/21 19:51	1
Terphenyl-d14	114		42 - 157	06/02/21 07:17	06/02/21 19:51	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/01/21 18:18	06/02/21 12:24	1
<b>Barium</b>	<b>0.52</b>		0.50	0.050	mg/L		06/01/21 18:18	06/02/21 12:24	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/01/21 18:18	06/02/21 12:24	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/21 18:18	06/02/21 12:24	1
Chromium	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:24	1
Cobalt	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:24	1
Copper	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:24	1
Iron	<0.40		0.40	0.20	mg/L		06/01/21 18:18	06/02/21 12:24	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/01/21 18:18	06/02/21 12:24	1
<b>Manganese</b>	<b>0.71</b>		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:24	1
Nickel	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:24	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:18	06/02/21 12:24	1
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:24	1
<b>Zinc</b>	<b>0.037</b>	<b>J</b>	0.50	0.020	mg/L		06/01/21 18:18	06/02/21 12:24	1

**Method: 6010B - Metals (ICP) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.033</b>	<b>J</b>	0.050	0.010	mg/L		06/01/21 18:21	06/02/21 11:23	1
<b>Barium</b>	<b>0.49</b>	<b>J</b>	0.50	0.050	mg/L		06/01/21 18:21	06/02/21 11:23	1
<b>Beryllium</b>	<b>0.0048</b>		0.0040	0.0040	mg/L		06/01/21 18:21	06/02/21 11:23	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/21 18:21	06/02/21 11:23	1
<b>Chromium</b>	<b>0.11</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:23	1
<b>Cobalt</b>	<b>0.024</b>	<b>J</b>	0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:23	1
<b>Copper</b>	<b>0.083</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:23	1
<b>Iron</b>	<b>100</b>		0.40	0.20	mg/L		06/01/21 18:21	06/02/21 11:23	1
<b>Lead</b>	<b>0.077</b>		0.0075	0.0075	mg/L		06/01/21 18:21	06/02/21 11:23	1
<b>Manganese</b>	<b>0.45</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:23	1
<b>Nickel</b>	<b>0.089</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:23	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:21	06/02/21 11:23	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-19(0-2)-052621D**

**Lab Sample ID: 500-199752-11**

Date Collected: 05/26/21 10:35

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 81.7

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:23	1
<b>Zinc</b>	<b>0.30</b>	<b>J</b>	0.50	0.020	mg/L		06/01/21 18:21	06/02/21 11:23	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Antimony</b>	<b>0.65</b>	<b>J</b>	1.1	0.22	mg/Kg	☆	06/01/21 17:09	06/02/21 13:29	1
<b>Arsenic</b>	<b>6.5</b>		0.57	0.19	mg/Kg	☆	06/01/21 17:09	06/02/21 13:29	1
<b>Barium</b>	<b>83</b>		0.57	0.065	mg/Kg	☆	06/01/21 17:09	06/02/21 13:29	1
<b>Beryllium</b>	<b>0.80</b>		0.23	0.053	mg/Kg	☆	06/01/21 17:09	06/02/21 13:29	1
<b>Cadmium</b>	<b>0.059</b>	<b>J B</b>	0.11	0.020	mg/Kg	☆	06/01/21 17:09	06/02/21 13:29	1
<b>Calcium</b>	<b>2600</b>	<b>B</b>	11	1.9	mg/Kg	☆	06/01/21 17:09	06/02/21 13:29	1
<b>Chromium</b>	<b>19</b>		0.57	0.28	mg/Kg	☆	06/01/21 17:09	06/02/21 13:29	1
<b>Cobalt</b>	<b>8.7</b>		0.28	0.074	mg/Kg	☆	06/01/21 17:09	06/02/21 13:29	1
<b>Copper</b>	<b>13</b>		0.57	0.16	mg/Kg	☆	06/01/21 17:09	06/02/21 13:29	1
<b>Iron</b>	<b>17000</b>	<b>B</b>	11	5.9	mg/Kg	☆	06/01/21 17:09	06/02/21 13:29	1
<b>Lead</b>	<b>14</b>		0.28	0.13	mg/Kg	☆	06/01/21 17:09	06/02/21 13:29	1
<b>Magnesium</b>	<b>3100</b>	<b>B</b>	5.7	2.8	mg/Kg	☆	06/01/21 17:09	06/02/21 13:29	1
<b>Manganese</b>	<b>150</b>	<b>B</b>	0.57	0.082	mg/Kg	☆	06/01/21 17:09	06/02/21 13:29	1
<b>Nickel</b>	<b>21</b>		0.57	0.17	mg/Kg	☆	06/01/21 17:09	06/02/21 13:29	1
<b>Potassium</b>	<b>1500</b>		28	10	mg/Kg	☆	06/01/21 17:09	06/02/21 13:29	1
<b>Selenium</b>	<b>0.67</b>		0.57	0.33	mg/Kg	☆	06/01/21 17:09	06/02/21 13:29	1
<b>Silver</b>	<b>0.49</b>		0.28	0.073	mg/Kg	☆	06/01/21 17:09	06/02/21 13:29	1
<b>Sodium</b>	<b>1000</b>		57	8.4	mg/Kg	☆	06/01/21 17:09	06/02/21 13:29	1
<b>Thallium</b>	<b>0.48</b>	<b>J</b>	0.57	0.28	mg/Kg	☆	06/01/21 17:09	06/02/21 13:29	1
<b>Vanadium</b>	<b>30</b>		0.28	0.067	mg/Kg	☆	06/01/21 17:09	06/02/21 13:29	1
<b>Zinc</b>	<b>48</b>		1.1	0.50	mg/Kg	☆	06/01/21 17:09	06/02/21 13:29	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 08:46	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 09:44	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.030</b>		0.019	0.0065	mg/Kg	☆	06/01/21 13:20	06/02/21 07:17	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>7.6</b>		0.2	0.2	SU			06/01/21 15:35	1

# Client Sample Results

Client: Weston Solutions, Inc.  
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-23(0-2)-052621**

**Lab Sample ID: 500-199752-13**

**Date Collected: 05/26/21 11:20**

**Matrix: Solid**

**Date Received: 05/26/21 17:18**

**Percent Solids: 83.9**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0076	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
Benzene	<0.0017		0.0017	0.00045	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
Bromodichloromethane	<0.0017		0.0017	0.00036	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
Bromoform	<0.0017		0.0017	0.00051	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
Bromomethane	<0.0044		0.0044	0.0016	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
Carbon disulfide	<0.0044		0.0044	0.00091	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
Carbon tetrachloride	<0.0017		0.0017	0.00051	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
Chlorobenzene	<0.0017		0.0017	0.00064	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
Chloroethane	<0.0044	*+	0.0044	0.0013	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
Chloroform	<0.0017		0.0017	0.00061	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
Chloromethane	<0.0044		0.0044	0.0018	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00049	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00053	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
Dibromochloromethane	<0.0017		0.0017	0.00057	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
1,1-Dichloroethane	<0.0017		0.0017	0.00060	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
1,2-Dichloroethane	<0.0044		0.0044	0.0014	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
1,1-Dichloroethene	<0.0017		0.0017	0.00060	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
1,2-Dichloropropane	<0.0017		0.0017	0.00045	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00061	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
Ethylbenzene	<0.0017		0.0017	0.00084	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
2-Hexanone	<0.0044		0.0044	0.0014	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
Methylene Chloride	<0.0044		0.0044	0.0017	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
Methyl Ethyl Ketone	<0.0044		0.0044	0.0019	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
methyl isobutyl ketone	<0.0044		0.0044	0.0013	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00051	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
Styrene	<0.0017		0.0017	0.00053	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00056	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
Tetrachloroethene	<0.0017		0.0017	0.00059	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
Toluene	<0.0017		0.0017	0.00044	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00077	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00061	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00059	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00075	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
Trichloroethene	<0.0017		0.0017	0.00059	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
Vinyl chloride	<0.0017		0.0017	0.00077	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
Xylenes, Total	<0.0035		0.0035	0.00056	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		75 - 131	05/27/21 17:55	06/01/21 15:25	1
Dibromofluoromethane	103		75 - 126	05/27/21 17:55	06/01/21 15:25	1
1,2-Dichloroethane-d4 (Surr)	109		70 - 134	05/27/21 17:55	06/01/21 15:25	1
Toluene-d8 (Surr)	102		75 - 124	05/27/21 17:55	06/01/21 15:25	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.043	mg/Kg	☼	06/02/21 07:17	06/02/21 22:41	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	06/02/21 07:17	06/02/21 22:41	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	06/02/21 07:17	06/02/21 22:41	1
1,4-Dichlorobenzene	<0.20		0.20	0.051	mg/Kg	☼	06/02/21 07:17	06/02/21 22:41	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	☼	06/02/21 07:17	06/02/21 22:41	1

Eurofins TestAmerica, Chicago



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-23(0-2)-052621**

**Lab Sample ID: 500-199752-13**

Date Collected: 05/26/21 11:20

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 83.9

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.090	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
2,4,6-Trichlorophenol	<0.39		0.39	0.14	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
2,4-Dichlorophenol	<0.39		0.39	0.094	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
2,4-Dinitrophenol	<0.80		0.80	0.70	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
2,4-Dinitrotoluene	<0.20		0.20	0.063	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
2,6-Dinitrotoluene	<0.20		0.20	0.078	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
2-Chlorophenol	<0.20		0.20	0.067	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
2-Methylnaphthalene	<0.080		0.080	0.0073	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
2-Nitrophenol	<0.39		0.39	0.093	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
3 & 4 Methylphenol	<0.20		0.20	0.066	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
4,6-Dinitro-2-methylphenol	<0.80		0.80	0.32	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
4-Chloroaniline	<0.80		0.80	0.19	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
4-Nitroaniline	<0.39		0.39	0.17	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
4-Nitrophenol	<0.80		0.80	0.38	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
<b>Acenaphthene</b>	<b>0.0092</b>	<b>J</b>	0.039	0.0071	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
<b>Anthracene</b>	<b>0.051</b>		0.039	0.0066	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
<b>Benzo[a]anthracene</b>	<b>0.093</b>		0.039	0.0053	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
<b>Benzo[a]pyrene</b>	<b>0.14</b>		0.039	0.0076	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
<b>Benzo[b]fluoranthene</b>	<b>0.24</b>		0.039	0.0085	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
<b>Benzo[g,h,i]perylene</b>	<b>0.056</b>		0.039	0.013	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
<b>Benzo[k]fluoranthene</b>	<b>0.079</b>		0.039	0.012	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
Butyl benzyl phthalate	<0.20		0.20	0.075	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
<b>Carbazole</b>	<b>0.17</b>	<b>J</b>	0.20	0.099	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
<b>Chrysene</b>	<b>0.13</b>		0.039	0.011	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
<b>Dibenz(a,h)anthracene</b>	<b>0.014</b>	<b>J</b>	0.039	0.0076	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
Diethyl phthalate	<0.20		0.20	0.067	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
Dimethyl phthalate	<0.20		0.20	0.052	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
<b>Fluoranthene</b>	<b>0.30</b>		0.039	0.0073	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
<b>Fluorene</b>	<b>0.039</b>		0.039	0.0055	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
Hexachlorobenzene	<0.080		0.080	0.0091	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
Hexachlorocyclopentadiene	<0.80		0.80	0.23	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
Hexachloroethane	<0.20		0.20	0.060	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-23(0-2)-052621**

**Lab Sample ID: 500-199752-13**

Date Collected: 05/26/21 11:20

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 83.9

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.035</b>	<b>J</b>	0.039	0.010	mg/Kg	☼	06/02/21 07:17	06/02/21 22:41	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	06/02/21 07:17	06/02/21 22:41	1
Naphthalene	<0.039		0.039	0.0061	mg/Kg	☼	06/02/21 07:17	06/02/21 22:41	1
Nitrobenzene	<0.039		0.039	0.0098	mg/Kg	☼	06/02/21 07:17	06/02/21 22:41	1
N-Nitrosodi-n-propylamine	<0.080		0.080	0.048	mg/Kg	☼	06/02/21 07:17	06/02/21 22:41	1
N-Nitrosodiphenylamine	<0.20		0.20	0.047	mg/Kg	☼	06/02/21 07:17	06/02/21 22:41	1
Pentachlorophenol	<0.80	*-	0.80	0.63	mg/Kg	☼	06/02/21 07:17	06/02/21 22:41	1
<b>Phenanthrene</b>	<b>0.16</b>		0.039	0.0055	mg/Kg	☼	06/02/21 07:17	06/02/21 22:41	1
Phenol	<0.20		0.20	0.088	mg/Kg	☼	06/02/21 07:17	06/02/21 22:41	1
<b>Pyrene</b>	<b>0.26</b>		0.039	0.0078	mg/Kg	☼	06/02/21 07:17	06/02/21 22:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	71		31 - 143				06/02/21 07:17	06/02/21 22:41	1
2-Fluorobiphenyl	90		43 - 145				06/02/21 07:17	06/02/21 22:41	1
2-Fluorophenol	102		31 - 166				06/02/21 07:17	06/02/21 22:41	1
Nitrobenzene-d5	73		37 - 147				06/02/21 07:17	06/02/21 22:41	1
Phenol-d5	90		30 - 153				06/02/21 07:17	06/02/21 22:41	1
Terphenyl-d14	137		42 - 157				06/02/21 07:17	06/02/21 22:41	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/01/21 18:18	06/02/21 12:31	1
<b>Barium</b>	<b>0.53</b>		0.50	0.050	mg/L		06/01/21 18:18	06/02/21 12:31	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/01/21 18:18	06/02/21 12:31	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/21 18:18	06/02/21 12:31	1
Chromium	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:31	1
Cobalt	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:31	1
Copper	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:31	1
Iron	<0.40		0.40	0.20	mg/L		06/01/21 18:18	06/02/21 12:31	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/01/21 18:18	06/02/21 12:31	1
<b>Manganese</b>	<b>1.2</b>		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:31	1
Nickel	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:31	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:18	06/02/21 12:31	1
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:31	1
<b>Zinc</b>	<b>0.099</b>	<b>J</b>	0.50	0.020	mg/L		06/01/21 18:18	06/02/21 12:31	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.023</b>	<b>J</b>	0.050	0.010	mg/L		06/01/21 18:21	06/02/21 11:30	1
<b>Barium</b>	<b>0.25</b>	<b>J</b>	0.50	0.050	mg/L		06/01/21 18:21	06/02/21 11:30	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/01/21 18:21	06/02/21 11:30	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/21 18:21	06/02/21 11:30	1
<b>Chromium</b>	<b>0.063</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:30	1
<b>Cobalt</b>	<b>0.018</b>	<b>J</b>	0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:30	1
<b>Copper</b>	<b>0.087</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:30	1
<b>Iron</b>	<b>65</b>		0.40	0.20	mg/L		06/01/21 18:21	06/02/21 11:30	1
<b>Lead</b>	<b>0.080</b>		0.0075	0.0075	mg/L		06/01/21 18:21	06/02/21 11:30	1
<b>Manganese</b>	<b>0.51</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:30	1
<b>Nickel</b>	<b>0.068</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:30	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:21	06/02/21 11:30	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-23(0-2)-052621**

**Lab Sample ID: 500-199752-13**

Date Collected: 05/26/21 11:20

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 83.9

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:30	1
<b>Zinc</b>	<b>0.36</b>	<b>J</b>	0.50	0.020	mg/L		06/01/21 18:21	06/02/21 11:30	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Antimony</b>	<b>0.47</b>	<b>J</b>	1.1	0.22	mg/Kg	☆	06/01/21 17:09	06/02/21 13:35	1
<b>Arsenic</b>	<b>4.0</b>		0.57	0.19	mg/Kg	☆	06/01/21 17:09	06/02/21 13:35	1
<b>Barium</b>	<b>40</b>		0.57	0.065	mg/Kg	☆	06/01/21 17:09	06/02/21 13:35	1
<b>Beryllium</b>	<b>0.46</b>		0.23	0.053	mg/Kg	☆	06/01/21 17:09	06/02/21 13:35	1
<b>Cadmium</b>	<b>0.28</b>	<b>B</b>	0.11	0.020	mg/Kg	☆	06/01/21 17:09	06/02/21 13:35	1
<b>Calcium</b>	<b>140000</b>	<b>B</b>	57	9.6	mg/Kg	☆	06/01/21 17:09	06/03/21 12:57	5
<b>Chromium</b>	<b>19</b>		0.57	0.28	mg/Kg	☆	06/01/21 17:09	06/02/21 13:35	1
<b>Cobalt</b>	<b>5.9</b>		0.28	0.074	mg/Kg	☆	06/01/21 17:09	06/02/21 13:35	1
<b>Copper</b>	<b>17</b>		0.57	0.16	mg/Kg	☆	06/01/21 17:09	06/02/21 13:35	1
<b>Iron</b>	<b>13000</b>	<b>B</b>	57	30	mg/Kg	☆	06/01/21 17:09	06/03/21 12:57	5
<b>Lead</b>	<b>20</b>		0.28	0.13	mg/Kg	☆	06/01/21 17:09	06/02/21 13:35	1
<b>Magnesium</b>	<b>85000</b>	<b>B</b>	28	14	mg/Kg	☆	06/01/21 17:09	06/03/21 12:57	5
<b>Manganese</b>	<b>600</b>	<b>B</b>	0.57	0.082	mg/Kg	☆	06/01/21 17:09	06/02/21 13:35	1
<b>Nickel</b>	<b>13</b>		0.57	0.17	mg/Kg	☆	06/01/21 17:09	06/02/21 13:35	1
<b>Potassium</b>	<b>1100</b>		28	10	mg/Kg	☆	06/01/21 17:09	06/02/21 13:35	1
Selenium	<0.57		0.57	0.33	mg/Kg	☆	06/01/21 17:09	06/02/21 13:35	1
<b>Silver</b>	<b>0.28</b>		0.28	0.073	mg/Kg	☆	06/01/21 17:09	06/02/21 13:35	1
<b>Sodium</b>	<b>1000</b>		57	8.4	mg/Kg	☆	06/01/21 17:09	06/02/21 13:35	1
Thallium	<0.57		0.57	0.28	mg/Kg	☆	06/01/21 17:09	06/02/21 13:35	1
<b>Vanadium</b>	<b>28</b>		0.28	0.067	mg/Kg	☆	06/01/21 17:09	06/02/21 13:35	1
<b>Zinc</b>	<b>74</b>		1.1	0.50	mg/Kg	☆	06/01/21 17:09	06/02/21 13:35	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 08:50	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 09:52	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.014</b>	<b>J</b>	0.019	0.0064	mg/Kg	☆	06/01/21 13:20	06/02/21 07:27	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.0</b>		0.2	0.2	SU			06/01/21 15:35	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-25(0-2)-052621**

**Lab Sample ID: 500-199752-14**

Date Collected: 05/26/21 11:40

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 86.6

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015		0.015	0.0065	mg/Kg	✳	05/27/21 17:55	06/01/21 15:50	1
Benzene	<0.0015		0.0015	0.00038	mg/Kg	✳	05/27/21 17:55	06/01/21 15:50	1
Bromodichloromethane	<0.0015		0.0015	0.00030	mg/Kg	✳	05/27/21 17:55	06/01/21 15:50	1
Bromoform	<0.0015		0.0015	0.00043	mg/Kg	✳	05/27/21 17:55	06/01/21 15:50	1
Bromomethane	<0.0037		0.0037	0.0014	mg/Kg	✳	05/27/21 17:55	06/01/21 15:50	1
Carbon disulfide	<0.0037		0.0037	0.00077	mg/Kg	✳	05/27/21 17:55	06/01/21 15:50	1
Carbon tetrachloride	<0.0015		0.0015	0.00043	mg/Kg	✳	05/27/21 17:55	06/01/21 15:50	1
Chlorobenzene	<0.0015		0.0015	0.00055	mg/Kg	✳	05/27/21 17:55	06/01/21 15:50	1
Chloroethane	<0.0037	*+	0.0037	0.0011	mg/Kg	✳	05/27/21 17:55	06/01/21 15:50	1
Chloroform	<0.0015		0.0015	0.00051	mg/Kg	✳	05/27/21 17:55	06/01/21 15:50	1
Chloromethane	<0.0037		0.0037	0.0015	mg/Kg	✳	05/27/21 17:55	06/01/21 15:50	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00041	mg/Kg	✳	05/27/21 17:55	06/01/21 15:50	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00045	mg/Kg	✳	05/27/21 17:55	06/01/21 15:50	1
Dibromochloromethane	<0.0015		0.0015	0.00049	mg/Kg	✳	05/27/21 17:55	06/01/21 15:50	1
1,1-Dichloroethane	<0.0015		0.0015	0.00051	mg/Kg	✳	05/27/21 17:55	06/01/21 15:50	1
1,2-Dichloroethane	<0.0037		0.0037	0.0012	mg/Kg	✳	05/27/21 17:55	06/01/21 15:50	1
1,1-Dichloroethene	<0.0015		0.0015	0.00051	mg/Kg	✳	05/27/21 17:55	06/01/21 15:50	1
1,2-Dichloropropane	<0.0015		0.0015	0.00038	mg/Kg	✳	05/27/21 17:55	06/01/21 15:50	1
1,3-Dichloropropane, Total	<0.0015		0.0015	0.00052	mg/Kg	✳	05/27/21 17:55	06/01/21 15:50	1
Ethylbenzene	<0.0015		0.0015	0.00071	mg/Kg	✳	05/27/21 17:55	06/01/21 15:50	1
2-Hexanone	<0.0037		0.0037	0.0012	mg/Kg	✳	05/27/21 17:55	06/01/21 15:50	1
Methylene Chloride	<0.0037		0.0037	0.0015	mg/Kg	✳	05/27/21 17:55	06/01/21 15:50	1
Methyl Ethyl Ketone	<0.0037		0.0037	0.0016	mg/Kg	✳	05/27/21 17:55	06/01/21 15:50	1
methyl isobutyl ketone	<0.0037		0.0037	0.0011	mg/Kg	✳	05/27/21 17:55	06/01/21 15:50	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00044	mg/Kg	✳	05/27/21 17:55	06/01/21 15:50	1
Styrene	<0.0015		0.0015	0.00045	mg/Kg	✳	05/27/21 17:55	06/01/21 15:50	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00047	mg/Kg	✳	05/27/21 17:55	06/01/21 15:50	1
Tetrachloroethene	<0.0015		0.0015	0.00051	mg/Kg	✳	05/27/21 17:55	06/01/21 15:50	1
Toluene	<0.0015		0.0015	0.00037	mg/Kg	✳	05/27/21 17:55	06/01/21 15:50	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00066	mg/Kg	✳	05/27/21 17:55	06/01/21 15:50	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00052	mg/Kg	✳	05/27/21 17:55	06/01/21 15:50	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00050	mg/Kg	✳	05/27/21 17:55	06/01/21 15:50	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00064	mg/Kg	✳	05/27/21 17:55	06/01/21 15:50	1
Trichloroethene	<0.0015		0.0015	0.00050	mg/Kg	✳	05/27/21 17:55	06/01/21 15:50	1
Vinyl chloride	<0.0015		0.0015	0.00066	mg/Kg	✳	05/27/21 17:55	06/01/21 15:50	1
Xylenes, Total	<0.0030		0.0030	0.00047	mg/Kg	✳	05/27/21 17:55	06/01/21 15:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		75 - 131	05/27/21 17:55	06/01/21 15:50	1
Dibromofluoromethane	101		75 - 126	05/27/21 17:55	06/01/21 15:50	1
1,2-Dichloroethane-d4 (Surr)	107		70 - 134	05/27/21 17:55	06/01/21 15:50	1
Toluene-d8 (Surr)	104		75 - 124	05/27/21 17:55	06/01/21 15:50	1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-25(0-2)-052621**

**Lab Sample ID: 500-199752-14**

Date Collected: 05/26/21 11:40

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 86.6

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.087	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
2,4-Dichlorophenol	<0.38		0.38	0.090	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
2,4-Dimethylphenol	<0.38		0.38	0.14	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
2,4-Dinitrophenol	<0.77		0.77	0.67	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
2,4-Dinitrotoluene	<0.19		0.19	0.060	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
2,6-Dinitrotoluene	<0.19		0.19	0.075	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
2-Chlorophenol	<0.19		0.19	0.065	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
2-Methylnaphthalene	<0.077		0.077	0.0070	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
2-Methylphenol	<0.19		0.19	0.061	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
2-Nitrophenol	<0.38		0.38	0.090	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
3 & 4 Methylphenol	<0.19		0.19	0.063	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.053	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
4,6-Dinitro-2-methylphenol	<0.77		0.77	0.30	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
4-Chloroaniline	<0.77		0.77	0.18	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
4-Nitrophenol	<0.77		0.77	0.36	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
Acenaphthene	<0.038		0.038	0.0068	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
Acenaphthylene	<0.038		0.038	0.0050	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
<b>Anthracene</b>	<b>0.038</b>		0.038	0.0063	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
<b>Benzo[a]anthracene</b>	<b>0.055</b>		0.038	0.0051	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
<b>Benzo[a]pyrene</b>	<b>0.086</b>	<b>*3</b>	0.038	0.0073	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
<b>Benzo[b]fluoranthene</b>	<b>0.15</b>	<b>*3</b>	0.038	0.0082	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
<b>Benzo[g,h,i]perylene</b>	<b>0.048</b>	<b>*3</b>	0.038	0.012	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
<b>Benzo[k]fluoranthene</b>	<b>0.053</b>	<b>*3</b>	0.038	0.011	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.057	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.069	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
Butyl benzyl phthalate	<0.19		0.19	0.072	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
<b>Carbazole</b>	<b>0.15</b>	<b>J</b>	0.19	0.095	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
<b>Chrysene</b>	<b>0.066</b>		0.038	0.010	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
Dibenz(a,h)anthracene	<0.038	<b>*3</b>	0.038	0.0073	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
Diethyl phthalate	<0.19		0.19	0.064	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
Di-n-butyl phthalate	<0.19		0.19	0.058	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
Di-n-octyl phthalate	<0.19		0.19	0.062	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
<b>Fluoranthene</b>	<b>0.12</b>		0.038	0.0070	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
<b>Fluorene</b>	<b>0.032</b>	<b>J</b>	0.038	0.0053	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
Hexachlorobenzene	<0.077		0.077	0.0088	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
Hexachlorobutadiene	<0.19		0.19	0.060	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
Hexachlorocyclopentadiene	<0.77		0.77	0.22	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
Hexachloroethane	<0.19		0.19	0.058	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-25(0-2)-052621**

**Lab Sample ID: 500-199752-14**

Date Collected: 05/26/21 11:40

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 86.6

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.025</b>	<b>J*3</b>	0.038	0.0098	mg/Kg	☼	06/02/21 07:17	06/02/21 23:05	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	06/02/21 07:17	06/02/21 23:05	1
Naphthalene	<0.038		0.038	0.0058	mg/Kg	☼	06/02/21 07:17	06/02/21 23:05	1
Nitrobenzene	<0.038		0.038	0.0095	mg/Kg	☼	06/02/21 07:17	06/02/21 23:05	1
N-Nitrosodi-n-propylamine	<0.077		0.077	0.046	mg/Kg	☼	06/02/21 07:17	06/02/21 23:05	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	☼	06/02/21 07:17	06/02/21 23:05	1
Pentachlorophenol	<0.77	*	0.77	0.61	mg/Kg	☼	06/02/21 07:17	06/02/21 23:05	1
<b>Phenanthrene</b>	<b>0.063</b>		0.038	0.0053	mg/Kg	☼	06/02/21 07:17	06/02/21 23:05	1
Phenol	<0.19		0.19	0.084	mg/Kg	☼	06/02/21 07:17	06/02/21 23:05	1
<b>Pyrene</b>	<b>0.11</b>		0.038	0.0075	mg/Kg	☼	06/02/21 07:17	06/02/21 23:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	78		31 - 143				06/02/21 07:17	06/02/21 23:05	1
2-Fluorobiphenyl	93		43 - 145				06/02/21 07:17	06/02/21 23:05	1
2-Fluorophenol	123		31 - 166				06/02/21 07:17	06/02/21 23:05	1
Nitrobenzene-d5	77		37 - 147				06/02/21 07:17	06/02/21 23:05	1
Phenol-d5	112		30 - 153				06/02/21 07:17	06/02/21 23:05	1
Terphenyl-d14	156		42 - 157				06/02/21 07:17	06/02/21 23:05	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/01/21 18:18	06/02/21 12:35	1
<b>Barium</b>	<b>0.41</b>	<b>J</b>	0.50	0.050	mg/L		06/01/21 18:18	06/02/21 12:35	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/01/21 18:18	06/02/21 12:35	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/21 18:18	06/02/21 12:35	1
Chromium	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:35	1
Cobalt	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:35	1
Copper	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:35	1
<b>Iron</b>	<b>0.20</b>	<b>J</b>	0.40	0.20	mg/L		06/01/21 18:18	06/02/21 12:35	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/01/21 18:18	06/02/21 12:35	1
<b>Manganese</b>	<b>0.88</b>		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:35	1
Nickel	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:35	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:18	06/02/21 12:35	1
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:35	1
<b>Zinc</b>	<b>0.029</b>	<b>J</b>	0.50	0.020	mg/L		06/01/21 18:18	06/02/21 12:35	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.094</b>		0.050	0.010	mg/L		06/01/21 18:21	06/02/21 11:33	1
<b>Barium</b>	<b>0.48</b>	<b>J</b>	0.50	0.050	mg/L		06/01/21 18:21	06/02/21 11:33	1
<b>Beryllium</b>	<b>0.0087</b>		0.0040	0.0040	mg/L		06/01/21 18:21	06/02/21 11:33	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/21 18:21	06/02/21 11:33	1
<b>Chromium</b>	<b>0.17</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:33	1
<b>Cobalt</b>	<b>0.068</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:33	1
<b>Copper</b>	<b>0.23</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:33	1
<b>Iron</b>	<b>190</b>		0.40	0.20	mg/L		06/01/21 18:21	06/02/21 11:33	1
<b>Lead</b>	<b>0.16</b>		0.0075	0.0075	mg/L		06/01/21 18:21	06/02/21 11:33	1
<b>Manganese</b>	<b>0.77</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:33	1
<b>Nickel</b>	<b>0.20</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:33	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:21	06/02/21 11:33	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-25(0-2)-052621**

**Lab Sample ID: 500-199752-14**

Date Collected: 05/26/21 11:40

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 86.6

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:33	1
<b>Zinc</b>	<b>0.55</b>		0.50	0.020	mg/L		06/01/21 18:21	06/02/21 11:33	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Antimony</b>	<b>0.71</b>	<b>J</b>	1.1	0.22	mg/Kg	☆	06/01/21 17:09	06/02/21 13:38	1
<b>Arsenic</b>	<b>8.0</b>		0.56	0.19	mg/Kg	☆	06/01/21 17:09	06/02/21 13:38	1
<b>Barium</b>	<b>60</b>		0.56	0.064	mg/Kg	☆	06/01/21 17:09	06/02/21 13:38	1
<b>Beryllium</b>	<b>0.70</b>		0.22	0.052	mg/Kg	☆	06/01/21 17:09	06/02/21 13:38	1
<b>Cadmium</b>	<b>0.26</b>	<b>B</b>	0.11	0.020	mg/Kg	☆	06/01/21 17:09	06/02/21 13:38	1
<b>Calcium</b>	<b>80000</b>	<b>B</b>	56	9.5	mg/Kg	☆	06/01/21 17:09	06/03/21 13:00	5
<b>Chromium</b>	<b>19</b>		0.56	0.28	mg/Kg	☆	06/01/21 17:09	06/02/21 13:38	1
<b>Cobalt</b>	<b>11</b>		0.28	0.073	mg/Kg	☆	06/01/21 17:09	06/02/21 13:38	1
<b>Copper</b>	<b>23</b>		0.56	0.16	mg/Kg	☆	06/01/21 17:09	06/02/21 13:38	1
<b>Iron</b>	<b>21000</b>	<b>B</b>	56	29	mg/Kg	☆	06/01/21 17:09	06/03/21 13:00	5
<b>Lead</b>	<b>25</b>		0.28	0.13	mg/Kg	☆	06/01/21 17:09	06/02/21 13:38	1
<b>Magnesium</b>	<b>45000</b>	<b>B</b>	28	14	mg/Kg	☆	06/01/21 17:09	06/03/21 13:00	5
<b>Manganese</b>	<b>360</b>	<b>B</b>	0.56	0.081	mg/Kg	☆	06/01/21 17:09	06/02/21 13:38	1
<b>Nickel</b>	<b>28</b>		0.56	0.16	mg/Kg	☆	06/01/21 17:09	06/02/21 13:38	1
<b>Potassium</b>	<b>2500</b>		28	9.9	mg/Kg	☆	06/01/21 17:09	06/02/21 13:38	1
Selenium	<0.56		0.56	0.33	mg/Kg	☆	06/01/21 17:09	06/02/21 13:38	1
<b>Silver</b>	<b>0.38</b>		0.28	0.072	mg/Kg	☆	06/01/21 17:09	06/02/21 13:38	1
<b>Sodium</b>	<b>1600</b>		56	8.3	mg/Kg	☆	06/01/21 17:09	06/02/21 13:38	1
Thallium	<0.56		0.56	0.28	mg/Kg	☆	06/01/21 17:09	06/02/21 13:38	1
<b>Vanadium</b>	<b>21</b>		0.28	0.066	mg/Kg	☆	06/01/21 17:09	06/02/21 13:38	1
<b>Zinc</b>	<b>64</b>		1.1	0.49	mg/Kg	☆	06/01/21 17:09	06/02/21 13:38	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 08:52	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 09:58	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.031</b>		0.018	0.0060	mg/Kg	☆	06/01/21 13:20	06/02/21 07:29	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.5</b>		0.2	0.2	SU			06/01/21 15:35	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-27(0-2)-052621**

**Lab Sample ID: 500-199752-15**

**Date Collected: 05/26/21 11:55**

**Matrix: Solid**

**Date Received: 05/26/21 17:18**

**Percent Solids: 86.4**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0076	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
Benzene	<0.0017		0.0017	0.00045	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
Bromodichloromethane	<0.0017		0.0017	0.00036	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
Bromoform	<0.0017		0.0017	0.00051	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
Bromomethane	<0.0044		0.0044	0.0017	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
Carbon disulfide	<0.0044		0.0044	0.00091	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
Carbon tetrachloride	<0.0017		0.0017	0.00051	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
Chlorobenzene	<0.0017		0.0017	0.00064	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
Chloroethane	<0.0044	*+	0.0044	0.0013	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
Chloroform	<0.0017		0.0017	0.00061	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
Chloromethane	<0.0044		0.0044	0.0018	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00049	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00053	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
Dibromochloromethane	<0.0017		0.0017	0.00057	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
1,1-Dichloroethane	<0.0017		0.0017	0.00060	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
1,2-Dichloroethane	<0.0044		0.0044	0.0014	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
1,1-Dichloroethene	<0.0017		0.0017	0.00060	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
1,2-Dichloropropane	<0.0017		0.0017	0.00045	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
1,3-Dichloropropane, Total	<0.0017		0.0017	0.00061	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
Ethylbenzene	<0.0017		0.0017	0.00084	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
2-Hexanone	<0.0044		0.0044	0.0014	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
Methylene Chloride	<0.0044		0.0044	0.0017	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
Methyl Ethyl Ketone	<0.0044		0.0044	0.0019	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
methyl isobutyl ketone	<0.0044		0.0044	0.0013	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00051	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
Styrene	<0.0017		0.0017	0.00053	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00056	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
Tetrachloroethene	<0.0017		0.0017	0.00059	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
Toluene	<0.0017		0.0017	0.00044	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00077	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00061	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00059	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00075	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
Trichloroethene	<0.0017		0.0017	0.00059	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
Vinyl chloride	<0.0017		0.0017	0.00077	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
Xylenes, Total	<0.0035		0.0035	0.00056	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		75 - 131	05/27/21 17:55	06/01/21 16:16	1
Dibromofluoromethane	101		75 - 126	05/27/21 17:55	06/01/21 16:16	1
1,2-Dichloroethane-d4 (Surr)	108		70 - 134	05/27/21 17:55	06/01/21 16:16	1
Toluene-d8 (Surr)	102		75 - 124	05/27/21 17:55	06/01/21 16:16	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	☼	06/02/21 07:17	06/02/21 23:30	1
1,2-Dichlorobenzene	<0.19		0.19	0.044	mg/Kg	☼	06/02/21 07:17	06/02/21 23:30	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	06/02/21 07:17	06/02/21 23:30	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	☼	06/02/21 07:17	06/02/21 23:30	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	☼	06/02/21 07:17	06/02/21 23:30	1

Eurofins TestAmerica, Chicago



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-27(0-2)-052621**

**Lab Sample ID: 500-199752-15**

**Date Collected: 05/26/21 11:55**

**Matrix: Solid**

**Date Received: 05/26/21 17:18**

**Percent Solids: 86.4**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.085	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
2,4-Dichlorophenol	<0.37		0.37	0.088	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
2,4-Dinitrophenol	<0.75		0.75	0.65	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
2,4-Dinitrotoluene	<0.19		0.19	0.059	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
2,6-Dinitrotoluene	<0.19		0.19	0.073	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
2-Chlorophenol	<0.19		0.19	0.063	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
2-Methylnaphthalene	<0.075		0.075	0.0068	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
2-Nitrophenol	<0.37		0.37	0.088	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
3 & 4 Methylphenol	<0.19		0.19	0.062	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.052	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.30	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
4-Chloroaniline	<0.75		0.75	0.17	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.043	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
4-Nitrophenol	<0.75		0.75	0.35	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
Acenaphthene	<0.037		0.037	0.0067	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
Acenaphthylene	<0.037		0.037	0.0049	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
<b>Anthracene</b>	<b>0.036</b>	<b>J</b>	0.037	0.0062	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
<b>Benzo[a]anthracene</b>	<b>0.088</b>		0.037	0.0050	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
<b>Benzo[a]pyrene</b>	<b>0.16</b>	<b>*3</b>	0.037	0.0072	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
<b>Benzo[b]fluoranthene</b>	<b>0.28</b>	<b>*3</b>	0.037	0.0080	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
<b>Benzo[g,h,i]perylene</b>	<b>0.062</b>	<b>*3</b>	0.037	0.012	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
<b>Benzo[k]fluoranthene</b>	<b>0.087</b>	<b>*3</b>	0.037	0.011	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.068	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
Butyl benzyl phthalate	<0.19		0.19	0.071	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
<b>Carbazole</b>	<b>0.15</b>	<b>J</b>	0.19	0.093	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
<b>Chrysene</b>	<b>0.11</b>		0.037	0.010	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
<b>Dibenz(a,h)anthracene</b>	<b>0.017</b>	<b>J *3</b>	0.037	0.0072	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
Dibenzofuran	<0.19		0.19	0.043	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
Diethyl phthalate	<0.19		0.19	0.063	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
Dimethyl phthalate	<0.19		0.19	0.048	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
<b>Fluoranthene</b>	<b>0.16</b>		0.037	0.0069	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
<b>Fluorene</b>	<b>0.031</b>	<b>J</b>	0.037	0.0052	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
Hexachlorobenzene	<0.075		0.075	0.0086	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
Hexachlorobutadiene	<0.19		0.19	0.058	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
Hexachlorocyclopentadiene	<0.75		0.75	0.21	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
Hexachloroethane	<0.19		0.19	0.056	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-27(0-2)-052621**

**Lab Sample ID: 500-199752-15**

**Date Collected: 05/26/21 11:55**

**Matrix: Solid**

**Date Received: 05/26/21 17:18**

**Percent Solids: 86.4**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.046</b>	<b>*3</b>	0.037	0.0096	mg/Kg	☼	06/02/21 07:17	06/02/21 23:30	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	06/02/21 07:17	06/02/21 23:30	1
Naphthalene	<0.037		0.037	0.0057	mg/Kg	☼	06/02/21 07:17	06/02/21 23:30	1
Nitrobenzene	<0.037		0.037	0.0093	mg/Kg	☼	06/02/21 07:17	06/02/21 23:30	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.045	mg/Kg	☼	06/02/21 07:17	06/02/21 23:30	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☼	06/02/21 07:17	06/02/21 23:30	1
Pentachlorophenol	<0.75	*-	0.75	0.60	mg/Kg	☼	06/02/21 07:17	06/02/21 23:30	1
<b>Phenanthrene</b>	<b>0.067</b>		0.037	0.0052	mg/Kg	☼	06/02/21 07:17	06/02/21 23:30	1
Phenol	<0.19		0.19	0.082	mg/Kg	☼	06/02/21 07:17	06/02/21 23:30	1
<b>Pyrene</b>	<b>0.16</b>		0.037	0.0074	mg/Kg	☼	06/02/21 07:17	06/02/21 23:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	76		31 - 143				06/02/21 07:17	06/02/21 23:30	1
2-Fluorobiphenyl	85		43 - 145				06/02/21 07:17	06/02/21 23:30	1
2-Fluorophenol	109		31 - 166				06/02/21 07:17	06/02/21 23:30	1
Nitrobenzene-d5	65		37 - 147				06/02/21 07:17	06/02/21 23:30	1
Phenol-d5	97		30 - 153				06/02/21 07:17	06/02/21 23:30	1
Terphenyl-d14	162	S1+	42 - 157				06/02/21 07:17	06/02/21 23:30	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/01/21 18:18	06/02/21 12:38	1
<b>Barium</b>	<b>0.54</b>		0.50	0.050	mg/L		06/01/21 18:18	06/02/21 12:38	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/01/21 18:18	06/02/21 12:38	1
<b>Cadmium</b>	<b>0.0022</b>	<b>J</b>	0.0050	0.0020	mg/L		06/01/21 18:18	06/02/21 12:38	1
Chromium	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:38	1
Cobalt	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:38	1
Copper	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:38	1
Iron	<0.40		0.40	0.20	mg/L		06/01/21 18:18	06/02/21 12:38	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/01/21 18:18	06/02/21 12:38	1
<b>Manganese</b>	<b>0.51</b>		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:38	1
Nickel	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:38	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:18	06/02/21 12:38	1
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:38	1
<b>Zinc</b>	<b>0.16</b>	<b>J</b>	0.50	0.020	mg/L		06/01/21 18:18	06/02/21 12:38	1

**Method: 6010B - Metals (ICP) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.091</b>		0.050	0.010	mg/L		06/01/21 18:21	06/02/21 11:36	1
<b>Barium</b>	<b>0.55</b>		0.50	0.050	mg/L		06/01/21 18:21	06/02/21 11:36	1
<b>Beryllium</b>	<b>0.0080</b>		0.0040	0.0040	mg/L		06/01/21 18:21	06/02/21 11:36	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/21 18:21	06/02/21 11:36	1
<b>Chromium</b>	<b>0.15</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:36	1
<b>Cobalt</b>	<b>0.055</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:36	1
<b>Copper</b>	<b>0.21</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:36	1
<b>Iron</b>	<b>180</b>		0.40	0.20	mg/L		06/01/21 18:21	06/02/21 11:36	1
<b>Lead</b>	<b>0.14</b>		0.0075	0.0075	mg/L		06/01/21 18:21	06/02/21 11:36	1
<b>Manganese</b>	<b>0.76</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:36	1
<b>Nickel</b>	<b>0.17</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:36	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:21	06/02/21 11:36	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-27(0-2)-052621**

**Lab Sample ID: 500-199752-15**

Date Collected: 05/26/21 11:55

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 86.4

### Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:36	1
<b>Zinc</b>	<b>0.79</b>		0.50	0.020	mg/L		06/01/21 18:21	06/02/21 11:36	1

### Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Antimony</b>	<b>0.63</b>	<b>J</b>	1.1	0.21	mg/Kg	✧	06/01/21 17:09	06/02/21 13:41	1
<b>Arsenic</b>	<b>7.4</b>		0.55	0.19	mg/Kg	✧	06/01/21 17:09	06/02/21 13:41	1
<b>Barium</b>	<b>48</b>		0.55	0.063	mg/Kg	✧	06/01/21 17:09	06/02/21 13:41	1
<b>Beryllium</b>	<b>0.65</b>		0.22	0.051	mg/Kg	✧	06/01/21 17:09	06/02/21 13:41	1
<b>Cadmium</b>	<b>0.29</b>	<b>B</b>	0.11	0.020	mg/Kg	✧	06/01/21 17:09	06/02/21 13:41	1
<b>Calcium</b>	<b>69000</b>	<b>B</b>	55	9.3	mg/Kg	✧	06/01/21 17:09	06/03/21 13:03	5
<b>Chromium</b>	<b>18</b>		0.55	0.27	mg/Kg	✧	06/01/21 17:09	06/02/21 13:41	1
<b>Cobalt</b>	<b>10</b>		0.27	0.072	mg/Kg	✧	06/01/21 17:09	06/02/21 13:41	1
<b>Copper</b>	<b>24</b>		0.55	0.15	mg/Kg	✧	06/01/21 17:09	06/02/21 13:41	1
<b>Iron</b>	<b>16000</b>	<b>B</b>	11	5.7	mg/Kg	✧	06/01/21 17:09	06/02/21 13:41	1
<b>Lead</b>	<b>19</b>		0.27	0.13	mg/Kg	✧	06/01/21 17:09	06/02/21 13:41	1
<b>Magnesium</b>	<b>32000</b>	<b>B</b>	5.5	2.7	mg/Kg	✧	06/01/21 17:09	06/02/21 13:41	1
<b>Manganese</b>	<b>390</b>	<b>B</b>	0.55	0.080	mg/Kg	✧	06/01/21 17:09	06/02/21 13:41	1
<b>Nickel</b>	<b>24</b>		0.55	0.16	mg/Kg	✧	06/01/21 17:09	06/02/21 13:41	1
<b>Potassium</b>	<b>2000</b>		27	9.7	mg/Kg	✧	06/01/21 17:09	06/02/21 13:41	1
Selenium	<0.55		0.55	0.32	mg/Kg	✧	06/01/21 17:09	06/02/21 13:41	1
<b>Silver</b>	<b>0.34</b>		0.27	0.071	mg/Kg	✧	06/01/21 17:09	06/02/21 13:41	1
<b>Sodium</b>	<b>910</b>		55	8.1	mg/Kg	✧	06/01/21 17:09	06/02/21 13:41	1
Thallium	<0.55		0.55	0.27	mg/Kg	✧	06/01/21 17:09	06/02/21 13:41	1
<b>Vanadium</b>	<b>22</b>		0.27	0.065	mg/Kg	✧	06/01/21 17:09	06/02/21 13:41	1
<b>Zinc</b>	<b>130</b>		1.1	0.48	mg/Kg	✧	06/01/21 17:09	06/02/21 13:41	1

### Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 08:55	1

### Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 10:01	1

### Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.026</b>		0.018	0.0061	mg/Kg	✧	06/01/21 13:20	06/02/21 07:35	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.8</b>		0.2	0.2	SU			06/01/21 15:35	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-29(0-2)-052621**

**Lab Sample ID: 500-199752-16**

**Date Collected: 05/26/21 12:15**

**Matrix: Solid**

**Date Received: 05/26/21 17:18**

**Percent Solids: 88.4**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0068	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
Benzene	<0.0016		0.0016	0.00040	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
Bromodichloromethane	<0.0016		0.0016	0.00032	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
Bromoform	<0.0016		0.0016	0.00045	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
Bromomethane	<0.0039		0.0039	0.0015	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
Carbon disulfide	<0.0039		0.0039	0.00081	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
Carbon tetrachloride	<0.0016		0.0016	0.00045	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
Chlorobenzene	<0.0016		0.0016	0.00057	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
Chloroethane	<0.0039	*+	0.0039	0.0011	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
Chloroform	<0.0016		0.0016	0.00054	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
Chloromethane	<0.0039		0.0039	0.0016	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00043	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00047	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
Dibromochloromethane	<0.0016		0.0016	0.00051	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
1,1-Dichloroethane	<0.0016		0.0016	0.00053	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
1,2-Dichloroethane	<0.0039		0.0039	0.0012	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
1,1-Dichloroethene	<0.0016		0.0016	0.00053	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
1,2-Dichloropropane	<0.0016		0.0016	0.00040	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00055	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
Ethylbenzene	<0.0016		0.0016	0.00074	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
2-Hexanone	<0.0039		0.0039	0.0012	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
Methylene Chloride	<0.0039		0.0039	0.0015	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
Methyl Ethyl Ketone	<0.0039		0.0039	0.0017	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
methyl isobutyl ketone	<0.0039		0.0039	0.0011	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00046	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
Styrene	<0.0016		0.0016	0.00047	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00050	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
Tetrachloroethene	<0.0016		0.0016	0.00053	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
Toluene	<0.0016		0.0016	0.00039	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00069	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00055	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00052	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00067	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
Trichloroethene	<0.0016		0.0016	0.00052	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
Vinyl chloride	<0.0016		0.0016	0.00069	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
Xylenes, Total	<0.0031		0.0031	0.00050	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		75 - 131	05/27/21 17:55	06/01/21 16:42	1
Dibromofluoromethane	101		75 - 126	05/27/21 17:55	06/01/21 16:42	1
1,2-Dichloroethane-d4 (Surr)	112		70 - 134	05/27/21 17:55	06/01/21 16:42	1
Toluene-d8 (Surr)	103		75 - 124	05/27/21 17:55	06/01/21 16:42	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	☼	06/02/21 07:17	06/02/21 20:14	1
1,2-Dichlorobenzene	<0.19		0.19	0.044	mg/Kg	☼	06/02/21 07:17	06/02/21 20:14	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	06/02/21 07:17	06/02/21 20:14	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	☼	06/02/21 07:17	06/02/21 20:14	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	☼	06/02/21 07:17	06/02/21 20:14	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-29(0-2)-052621**

**Lab Sample ID: 500-199752-16**

**Date Collected: 05/26/21 12:15**

**Matrix: Solid**

**Date Received: 05/26/21 17:18**

**Percent Solids: 88.4**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.085	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
2,4-Dichlorophenol	<0.37		0.37	0.088	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
2,4-Dinitrophenol	<0.75		0.75	0.65	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
2,4-Dinitrotoluene	<0.19		0.19	0.059	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
2,6-Dinitrotoluene	<0.19		0.19	0.073	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
2-Chlorophenol	<0.19		0.19	0.063	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
2-Methylnaphthalene	<0.075		0.075	0.0068	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
2-Nitrophenol	<0.37		0.37	0.088	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
3 & 4 Methylphenol	<0.19		0.19	0.062	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.052	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.30	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
4-Chloroaniline	<0.75		0.75	0.17	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.043	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
4-Nitrophenol	<0.75		0.75	0.35	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
Acenaphthene	<0.037		0.037	0.0067	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
Acenaphthylene	<0.037		0.037	0.0049	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
<b>Anthracene</b>	<b>0.036</b>	<b>J</b>	0.037	0.0062	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
<b>Benzo[a]anthracene</b>	<b>0.041</b>		0.037	0.0050	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
<b>Benzo[a]pyrene</b>	<b>0.055</b>		0.037	0.0072	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
<b>Benzo[b]fluoranthene</b>	<b>0.089</b>		0.037	0.0080	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
<b>Benzo[g,h,i]perylene</b>	<b>0.046</b>		0.037	0.012	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
<b>Benzo[k]fluoranthene</b>	<b>0.029</b>	<b>J</b>	0.037	0.011	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.068	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
Butyl benzyl phthalate	<0.19		0.19	0.071	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
<b>Carbazole</b>	<b>0.14</b>	<b>J</b>	0.19	0.093	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
<b>Chrysene</b>	<b>0.045</b>		0.037	0.010	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
<b>Dibenz(a,h)anthracene</b>	<b>0.0083</b>	<b>J</b>	0.037	0.0072	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
Diethyl phthalate	<0.19		0.19	0.063	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
<b>Fluoranthene</b>	<b>0.086</b>		0.037	0.0069	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
Fluorene	<0.037		0.037	0.0052	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
Hexachlorobenzene	<0.075		0.075	0.0086	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
Hexachlorobutadiene	<0.19		0.19	0.058	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
Hexachlorocyclopentadiene	<0.75		0.75	0.21	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
Hexachloroethane	<0.19		0.19	0.057	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-29(0-2)-052621**

**Lab Sample ID: 500-199752-16**

Date Collected: 05/26/21 12:15

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 88.4

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.020</b>	<b>J</b>	0.037	0.0096	mg/Kg	☼	06/02/21 07:17	06/02/21 20:14	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	06/02/21 07:17	06/02/21 20:14	1
Naphthalene	<0.037		0.037	0.0057	mg/Kg	☼	06/02/21 07:17	06/02/21 20:14	1
Nitrobenzene	<0.037		0.037	0.0093	mg/Kg	☼	06/02/21 07:17	06/02/21 20:14	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.045	mg/Kg	☼	06/02/21 07:17	06/02/21 20:14	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☼	06/02/21 07:17	06/02/21 20:14	1
Pentachlorophenol	<0.75	*-	0.75	0.60	mg/Kg	☼	06/02/21 07:17	06/02/21 20:14	1
<b>Phenanthrene</b>	<b>0.044</b>		0.037	0.0052	mg/Kg	☼	06/02/21 07:17	06/02/21 20:14	1
Phenol	<0.19		0.19	0.083	mg/Kg	☼	06/02/21 07:17	06/02/21 20:14	1
<b>Pyrene</b>	<b>0.057</b>		0.037	0.0074	mg/Kg	☼	06/02/21 07:17	06/02/21 20:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	68		31 - 143				06/02/21 07:17	06/02/21 20:14	1
2-Fluorobiphenyl	66		43 - 145				06/02/21 07:17	06/02/21 20:14	1
2-Fluorophenol	84		31 - 166				06/02/21 07:17	06/02/21 20:14	1
Nitrobenzene-d5	46		37 - 147				06/02/21 07:17	06/02/21 20:14	1
Phenol-d5	81		30 - 153				06/02/21 07:17	06/02/21 20:14	1
Terphenyl-d14	100		42 - 157				06/02/21 07:17	06/02/21 20:14	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/01/21 18:18	06/02/21 12:42	1
<b>Barium</b>	<b>0.49</b>	<b>J</b>	0.50	0.050	mg/L		06/01/21 18:18	06/02/21 12:42	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/01/21 18:18	06/02/21 12:42	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/21 18:18	06/02/21 12:42	1
Chromium	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:42	1
Cobalt	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:42	1
Copper	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:42	1
Iron	<0.40		0.40	0.20	mg/L		06/01/21 18:18	06/02/21 12:42	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/01/21 18:18	06/02/21 12:42	1
<b>Manganese</b>	<b>0.49</b>		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:42	1
Nickel	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:42	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:18	06/02/21 12:42	1
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:42	1
<b>Zinc</b>	<b>0.025</b>	<b>J</b>	0.50	0.020	mg/L		06/01/21 18:18	06/02/21 12:42	1

**Method: 6010B - Metals (ICP) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.074</b>		0.050	0.010	mg/L		06/01/21 18:21	06/02/21 11:55	1
<b>Barium</b>	<b>0.56</b>		0.50	0.050	mg/L		06/01/21 18:21	06/02/21 11:55	1
<b>Beryllium</b>	<b>0.0077</b>		0.0040	0.0040	mg/L		06/01/21 18:21	06/02/21 11:55	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/21 18:21	06/02/21 11:55	1
<b>Chromium</b>	<b>0.15</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:55	1
<b>Cobalt</b>	<b>0.045</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:55	1
<b>Copper</b>	<b>0.17</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:55	1
<b>Iron</b>	<b>170</b>		0.40	0.20	mg/L		06/01/21 18:21	06/02/21 11:55	1
<b>Lead</b>	<b>0.15</b>		0.0075	0.0075	mg/L		06/01/21 18:21	06/02/21 11:55	1
<b>Manganese</b>	<b>0.91</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:55	1
<b>Nickel</b>	<b>0.16</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:55	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:21	06/02/21 11:55	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-29(0-2)-052621**

**Lab Sample ID: 500-199752-16**

Date Collected: 05/26/21 12:15

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 88.4

### Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:55	1
<b>Zinc</b>	<b>0.53</b>		0.50	0.020	mg/L		06/01/21 18:21	06/02/21 11:55	1

### Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Antimony</b>	<b>0.91</b>	<b>J</b>	1.1	0.21	mg/Kg	✧	06/01/21 17:09	06/02/21 13:45	1
<b>Arsenic</b>	<b>7.7</b>		0.54	0.18	mg/Kg	✧	06/01/21 17:09	06/02/21 13:45	1
<b>Barium</b>	<b>64</b>		0.54	0.061	mg/Kg	✧	06/01/21 17:09	06/02/21 13:45	1
<b>Beryllium</b>	<b>0.72</b>		0.21	0.050	mg/Kg	✧	06/01/21 17:09	06/02/21 13:45	1
<b>Cadmium</b>	<b>0.37</b>	<b>B</b>	0.11	0.019	mg/Kg	✧	06/01/21 17:09	06/02/21 13:45	1
<b>Calcium</b>	<b>29000</b>	<b>B</b>	11	1.8	mg/Kg	✧	06/01/21 17:09	06/02/21 13:45	1
<b>Chromium</b>	<b>16</b>		0.54	0.27	mg/Kg	✧	06/01/21 17:09	06/02/21 13:45	1
<b>Cobalt</b>	<b>12</b>		0.27	0.070	mg/Kg	✧	06/01/21 17:09	06/02/21 13:45	1
<b>Copper</b>	<b>20</b>		0.54	0.15	mg/Kg	✧	06/01/21 17:09	06/02/21 13:45	1
<b>Iron</b>	<b>17000</b>	<b>B</b>	11	5.6	mg/Kg	✧	06/01/21 17:09	06/02/21 13:45	1
<b>Lead</b>	<b>22</b>		0.27	0.12	mg/Kg	✧	06/01/21 17:09	06/02/21 13:45	1
<b>Magnesium</b>	<b>20000</b>	<b>B</b>	5.4	2.7	mg/Kg	✧	06/01/21 17:09	06/02/21 13:45	1
<b>Manganese</b>	<b>460</b>	<b>B</b>	0.54	0.078	mg/Kg	✧	06/01/21 17:09	06/02/21 13:45	1
<b>Nickel</b>	<b>27</b>		0.54	0.16	mg/Kg	✧	06/01/21 17:09	06/02/21 13:45	1
<b>Potassium</b>	<b>1600</b>		27	9.5	mg/Kg	✧	06/01/21 17:09	06/02/21 13:45	1
<b>Selenium</b>	<b>0.40</b>	<b>J</b>	0.54	0.32	mg/Kg	✧	06/01/21 17:09	06/02/21 13:45	1
<b>Silver</b>	<b>0.44</b>		0.27	0.069	mg/Kg	✧	06/01/21 17:09	06/02/21 13:45	1
<b>Sodium</b>	<b>2700</b>		54	7.9	mg/Kg	✧	06/01/21 17:09	06/02/21 13:45	1
Thallium	<0.54		0.54	0.27	mg/Kg	✧	06/01/21 17:09	06/02/21 13:45	1
<b>Vanadium</b>	<b>26</b>		0.27	0.063	mg/Kg	✧	06/01/21 17:09	06/02/21 13:45	1
<b>Zinc</b>	<b>63</b>		1.1	0.47	mg/Kg	✧	06/01/21 17:09	06/02/21 13:45	1

### Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 08:57	1

### Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 10:03	1

### Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.031</b>		0.018	0.0060	mg/Kg	✧	06/01/21 13:20	06/02/21 07:37	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.9</b>		0.2	0.2	SU			06/01/21 15:35	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

Client Sample ID: ROW-33(0-2)-052621

Lab Sample ID: 500-199752-18

Date Collected: 05/26/21 12:45

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 87.1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0072	mg/Kg	✱	05/27/21 17:55	06/01/21 17:33	1
Benzene	<0.0016		0.0016	0.00042	mg/Kg	✱	05/27/21 17:55	06/01/21 17:33	1
Bromodichloromethane	<0.0016		0.0016	0.00034	mg/Kg	✱	05/27/21 17:55	06/01/21 17:33	1
Bromoform	<0.0016		0.0016	0.00048	mg/Kg	✱	05/27/21 17:55	06/01/21 17:33	1
Bromomethane	<0.0041		0.0041	0.0016	mg/Kg	✱	05/27/21 17:55	06/01/21 17:33	1
Carbon disulfide	<0.0041		0.0041	0.00086	mg/Kg	✱	05/27/21 17:55	06/01/21 17:33	1
Carbon tetrachloride	<0.0016		0.0016	0.00048	mg/Kg	✱	05/27/21 17:55	06/01/21 17:33	1
Chlorobenzene	<0.0016		0.0016	0.00061	mg/Kg	✱	05/27/21 17:55	06/01/21 17:33	1
Chloroethane	<0.0041	*+	0.0041	0.0012	mg/Kg	✱	05/27/21 17:55	06/01/21 17:33	1
Chloroform	<0.0016		0.0016	0.00057	mg/Kg	✱	05/27/21 17:55	06/01/21 17:33	1
Chloromethane	<0.0041		0.0041	0.0017	mg/Kg	✱	05/27/21 17:55	06/01/21 17:33	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00046	mg/Kg	✱	05/27/21 17:55	06/01/21 17:33	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00050	mg/Kg	✱	05/27/21 17:55	06/01/21 17:33	1
Dibromochloromethane	<0.0016		0.0016	0.00054	mg/Kg	✱	05/27/21 17:55	06/01/21 17:33	1
1,1-Dichloroethane	<0.0016		0.0016	0.00056	mg/Kg	✱	05/27/21 17:55	06/01/21 17:33	1
1,2-Dichloroethane	<0.0041		0.0041	0.0013	mg/Kg	✱	05/27/21 17:55	06/01/21 17:33	1
1,1-Dichloroethene	<0.0016		0.0016	0.00057	mg/Kg	✱	05/27/21 17:55	06/01/21 17:33	1
1,2-Dichloropropane	<0.0016		0.0016	0.00043	mg/Kg	✱	05/27/21 17:55	06/01/21 17:33	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00058	mg/Kg	✱	05/27/21 17:55	06/01/21 17:33	1
Ethylbenzene	<0.0016		0.0016	0.00079	mg/Kg	✱	05/27/21 17:55	06/01/21 17:33	1
2-Hexanone	<0.0041		0.0041	0.0013	mg/Kg	✱	05/27/21 17:55	06/01/21 17:33	1
Methylene Chloride	<0.0041		0.0041	0.0016	mg/Kg	✱	05/27/21 17:55	06/01/21 17:33	1
Methyl Ethyl Ketone	<0.0041		0.0041	0.0018	mg/Kg	✱	05/27/21 17:55	06/01/21 17:33	1
methyl isobutyl ketone	<0.0041		0.0041	0.0012	mg/Kg	✱	05/27/21 17:55	06/01/21 17:33	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00048	mg/Kg	✱	05/27/21 17:55	06/01/21 17:33	1
Styrene	<0.0016		0.0016	0.00050	mg/Kg	✱	05/27/21 17:55	06/01/21 17:33	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00053	mg/Kg	✱	05/27/21 17:55	06/01/21 17:33	1
Tetrachloroethene	<0.0016		0.0016	0.00056	mg/Kg	✱	05/27/21 17:55	06/01/21 17:33	1
Toluene	<0.0016		0.0016	0.00042	mg/Kg	✱	05/27/21 17:55	06/01/21 17:33	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00073	mg/Kg	✱	05/27/21 17:55	06/01/21 17:33	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00058	mg/Kg	✱	05/27/21 17:55	06/01/21 17:33	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00055	mg/Kg	✱	05/27/21 17:55	06/01/21 17:33	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00071	mg/Kg	✱	05/27/21 17:55	06/01/21 17:33	1
Trichloroethene	<0.0016		0.0016	0.00056	mg/Kg	✱	05/27/21 17:55	06/01/21 17:33	1
Vinyl chloride	<0.0016		0.0016	0.00073	mg/Kg	✱	05/27/21 17:55	06/01/21 17:33	1
Xylenes, Total	<0.0033		0.0033	0.00053	mg/Kg	✱	05/27/21 17:55	06/01/21 17:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		75 - 131	05/27/21 17:55	06/01/21 17:33	1
Dibromofluoromethane	107		75 - 126	05/27/21 17:55	06/01/21 17:33	1
1,2-Dichloroethane-d4 (Surr)	117		70 - 134	05/27/21 17:55	06/01/21 17:33	1
Toluene-d8 (Surr)	101		75 - 124	05/27/21 17:55	06/01/21 17:33	1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.040	mg/Kg	✱	06/02/21 07:17	06/03/21 01:56	1
1,2-Dichlorobenzene	<0.18		0.18	0.044	mg/Kg	✱	06/02/21 07:17	06/03/21 01:56	1
1,3-Dichlorobenzene	<0.18		0.18	0.041	mg/Kg	✱	06/02/21 07:17	06/03/21 01:56	1
1,4-Dichlorobenzene	<0.18		0.18	0.047	mg/Kg	✱	06/02/21 07:17	06/03/21 01:56	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.043	mg/Kg	✱	06/02/21 07:17	06/03/21 01:56	1

Euofins TestAmerica, Chicago



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-33(0-2)-052621**

**Lab Sample ID: 500-199752-18**

Date Collected: 05/26/21 12:45

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 87.1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.084	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
2,4-Dichlorophenol	<0.37		0.37	0.087	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
2,4-Dinitrophenol	<0.74		0.74	0.65	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
2,4-Dinitrotoluene	<0.18		0.18	0.058	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
2,6-Dinitrotoluene	<0.18		0.18	0.072	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
2-Chloronaphthalene	<0.18		0.18	0.041	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
2-Chlorophenol	<0.18		0.18	0.063	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
<b>2-Methylnaphthalene</b>	<b>0.015</b>	<b>J</b>	0.074	0.0068	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
2-Methylphenol	<0.18		0.18	0.059	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
2-Nitroaniline	<0.18		0.18	0.049	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
2-Nitrophenol	<0.37		0.37	0.087	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
3 & 4 Methylphenol	<0.18		0.18	0.061	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
3,3'-Dichlorobenzidine	<0.18	*3	0.18	0.051	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
3-Nitroaniline	<0.37		0.37	0.11	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
4,6-Dinitro-2-methylphenol	<0.74		0.74	0.30	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.048	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
4-Chloroaniline	<0.74		0.74	0.17	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.043	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
4-Nitroaniline	<0.37		0.37	0.15	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
4-Nitrophenol	<0.74		0.74	0.35	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
<b>Acenaphthene</b>	<b>0.044</b>		0.037	0.0066	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
<b>Acenaphthylene</b>	<b>0.057</b>		0.037	0.0048	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
<b>Anthracene</b>	<b>0.13</b>		0.037	0.0061	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
<b>Benzo[a]anthracene</b>	<b>0.44</b>	*3	0.037	0.0049	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
<b>Benzo[a]pyrene</b>	<b>0.45</b>	*3	0.037	0.0071	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
<b>Benzo[b]fluoranthene</b>	<b>0.69</b>	*3	0.037	0.0079	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
<b>Benzo[g,h,i]perylene</b>	<b>0.13</b>	*3	0.037	0.012	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
<b>Benzo[k]fluoranthene</b>	<b>0.27</b>	*3	0.037	0.011	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.038	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.055	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
<b>Bis(2-ethylhexyl) phthalate</b>	<b>0.80</b>	*3	0.18	0.067	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
Butyl benzyl phthalate	<0.18	*3	0.18	0.070	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
<b>Carbazole</b>	<b>0.19</b>		0.18	0.092	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
<b>Chrysene</b>	<b>0.46</b>	*3	0.037	0.010	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
<b>Dibenz(a,h)anthracene</b>	<b>0.048</b>	*3	0.037	0.0071	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
Dibenzofuran	<0.18		0.18	0.043	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
Diethyl phthalate	<0.18		0.18	0.062	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
Dimethyl phthalate	<0.18		0.18	0.048	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
Di-n-butyl phthalate	<0.18		0.18	0.056	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
Di-n-octyl phthalate	<0.18		0.18	0.060	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
<b>Fluoranthene</b>	<b>0.71</b>		0.037	0.0068	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
<b>Fluorene</b>	<b>0.068</b>		0.037	0.0052	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
Hexachlorobenzene	<0.074		0.074	0.0085	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
Hexachlorobutadiene	<0.18		0.18	0.058	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
Hexachlorocyclopentadiene	<0.74		0.74	0.21	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
Hexachloroethane	<0.18		0.18	0.056	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-33(0-2)-052621**

**Lab Sample ID: 500-199752-18**

Date Collected: 05/26/21 12:45

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 87.1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.14</b>	<b>*3</b>	0.037	0.0095	mg/Kg	☼	06/02/21 07:17	06/03/21 01:56	1
Isophorone	<0.18		0.18	0.041	mg/Kg	☼	06/02/21 07:17	06/03/21 01:56	1
<b>Naphthalene</b>	<b>0.015</b>	<b>J</b>	0.037	0.0057	mg/Kg	☼	06/02/21 07:17	06/03/21 01:56	1
Nitrobenzene	<0.037		0.037	0.0092	mg/Kg	☼	06/02/21 07:17	06/03/21 01:56	1
N-Nitrosodi-n-propylamine	<0.074		0.074	0.045	mg/Kg	☼	06/02/21 07:17	06/03/21 01:56	1
N-Nitrosodiphenylamine	<0.18		0.18	0.043	mg/Kg	☼	06/02/21 07:17	06/03/21 01:56	1
Pentachlorophenol	<0.74	*-	0.74	0.59	mg/Kg	☼	06/02/21 07:17	06/03/21 01:56	1
<b>Phenanthrene</b>	<b>0.55</b>		0.037	0.0051	mg/Kg	☼	06/02/21 07:17	06/03/21 01:56	1
Phenol	<0.18		0.18	0.082	mg/Kg	☼	06/02/21 07:17	06/03/21 01:56	1
<b>Pyrene</b>	<b>1.9</b>	<b>*3</b>	0.037	0.0073	mg/Kg	☼	06/02/21 07:17	06/03/21 01:56	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
2,4,6-Tribromophenol	72		31 - 143				06/02/21 07:17	06/03/21 01:56	1
2-Fluorobiphenyl	69		43 - 145				06/02/21 07:17	06/03/21 01:56	1
2-Fluorophenol	98		31 - 166				06/02/21 07:17	06/03/21 01:56	1
Nitrobenzene-d5	55		37 - 147				06/02/21 07:17	06/03/21 01:56	1
Phenol-d5	81		30 - 153				06/02/21 07:17	06/03/21 01:56	1
Terphenyl-d14	209	S1+ *3	42 - 157				06/02/21 07:17	06/03/21 01:56	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/01/21 18:18	06/02/21 12:57	1
<b>Barium</b>	<b>0.49</b>	<b>J</b>	0.50	0.050	mg/L		06/01/21 18:18	06/02/21 12:57	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/01/21 18:18	06/02/21 12:57	1
<b>Cadmium</b>	<b>0.0033</b>	<b>J</b>	0.0050	0.0020	mg/L		06/01/21 18:18	06/02/21 12:57	1
Chromium	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:57	1
Cobalt	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:57	1
Copper	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:57	1
Iron	<0.40		0.40	0.20	mg/L		06/01/21 18:18	06/02/21 12:57	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/01/21 18:18	06/02/21 12:57	1
<b>Manganese</b>	<b>0.88</b>		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:57	1
Nickel	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:57	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:18	06/02/21 12:57	1
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:57	1
<b>Zinc</b>	<b>0.091</b>	<b>J</b>	0.50	0.020	mg/L		06/01/21 18:18	06/02/21 12:57	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.059</b>		0.050	0.010	mg/L		06/01/21 18:21	06/02/21 12:01	1
<b>Barium</b>	<b>0.84</b>		0.50	0.050	mg/L		06/01/21 18:21	06/02/21 12:01	1
<b>Beryllium</b>	<b>0.0082</b>		0.0040	0.0040	mg/L		06/01/21 18:21	06/02/21 12:01	1
<b>Cadmium</b>	<b>0.0031</b>	<b>J</b>	0.0050	0.0020	mg/L		06/01/21 18:21	06/02/21 12:01	1
<b>Chromium</b>	<b>0.20</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 12:01	1
<b>Cobalt</b>	<b>0.037</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 12:01	1
<b>Copper</b>	<b>0.19</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 12:01	1
<b>Iron</b>	<b>200</b>		0.40	0.20	mg/L		06/01/21 18:21	06/02/21 12:01	1
<b>Lead</b>	<b>0.24</b>		0.0075	0.0075	mg/L		06/01/21 18:21	06/02/21 12:01	1
<b>Manganese</b>	<b>0.82</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 12:01	1
<b>Nickel</b>	<b>0.16</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 12:01	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:21	06/02/21 12:01	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-33(0-2)-052621**

**Lab Sample ID: 500-199752-18**

Date Collected: 05/26/21 12:45

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 87.1

### Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 12:01	1
<b>Zinc</b>	<b>0.84</b>		0.50	0.020	mg/L		06/01/21 18:21	06/02/21 12:01	1

### Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Antimony</b>	<b>0.72</b>	<b>J</b>	1.1	0.21	mg/Kg	✧	06/01/21 17:09	06/02/21 13:58	1
<b>Arsenic</b>	<b>4.7</b>		0.53	0.18	mg/Kg	✧	06/01/21 17:09	06/02/21 13:58	1
<b>Barium</b>	<b>83</b>		0.53	0.061	mg/Kg	✧	06/01/21 17:09	06/02/21 13:58	1
<b>Beryllium</b>	<b>0.58</b>		0.21	0.050	mg/Kg	✧	06/01/21 17:09	06/02/21 13:58	1
<b>Cadmium</b>	<b>0.67</b>	<b>B</b>	0.11	0.019	mg/Kg	✧	06/01/21 17:09	06/02/21 13:58	1
<b>Calcium</b>	<b>49000</b>	<b>B</b>	53	9.0	mg/Kg	✧	06/01/21 17:09	06/03/21 13:10	5
<b>Chromium</b>	<b>29</b>		0.53	0.26	mg/Kg	✧	06/01/21 17:09	06/02/21 13:58	1
<b>Cobalt</b>	<b>6.8</b>		0.27	0.070	mg/Kg	✧	06/01/21 17:09	06/02/21 13:58	1
<b>Copper</b>	<b>32</b>		0.53	0.15	mg/Kg	✧	06/01/21 17:09	06/02/21 13:58	1
<b>Iron</b>	<b>16000</b>	<b>B</b>	11	5.5	mg/Kg	✧	06/01/21 17:09	06/02/21 13:58	1
<b>Lead</b>	<b>120</b>		0.27	0.12	mg/Kg	✧	06/01/21 17:09	06/02/21 13:58	1
<b>Magnesium</b>	<b>22000</b>	<b>B</b>	5.3	2.6	mg/Kg	✧	06/01/21 17:09	06/02/21 13:58	1
<b>Manganese</b>	<b>510</b>	<b>B</b>	0.53	0.077	mg/Kg	✧	06/01/21 17:09	06/02/21 13:58	1
<b>Nickel</b>	<b>16</b>		0.53	0.15	mg/Kg	✧	06/01/21 17:09	06/02/21 13:58	1
<b>Potassium</b>	<b>920</b>		27	9.4	mg/Kg	✧	06/01/21 17:09	06/02/21 13:58	1
<b>Selenium</b>	<b>0.31</b>	<b>J</b>	0.53	0.31	mg/Kg	✧	06/01/21 17:09	06/02/21 13:58	1
<b>Silver</b>	<b>0.38</b>		0.27	0.069	mg/Kg	✧	06/01/21 17:09	06/02/21 13:58	1
<b>Sodium</b>	<b>2300</b>		53	7.9	mg/Kg	✧	06/01/21 17:09	06/02/21 13:58	1
Thallium	<0.53		0.53	0.27	mg/Kg	✧	06/01/21 17:09	06/02/21 13:58	1
<b>Vanadium</b>	<b>25</b>		0.27	0.063	mg/Kg	✧	06/01/21 17:09	06/02/21 13:58	1
<b>Zinc</b>	<b>140</b>		1.1	0.47	mg/Kg	✧	06/01/21 17:09	06/02/21 13:58	1

### Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 09:01	1

### Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.00023</b>		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 10:07	1

### Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.032</b>		0.018	0.0061	mg/Kg	✧	06/01/21 13:20	06/02/21 07:40	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.2</b>		0.2	0.2	SU			06/01/21 15:47	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-35(0-2)-052621**

**Lab Sample ID: 500-199752-19**

**Date Collected: 05/26/21 13:00**

**Matrix: Solid**

**Date Received: 05/26/21 17:18**

**Percent Solids: 87.0**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.013		0.013	0.0059	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
Benzene	<0.0013		0.0013	0.00034	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
Bromodichloromethane	<0.0013		0.0013	0.00027	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
Bromoform	<0.0013		0.0013	0.00039	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
Bromomethane	<0.0034		0.0034	0.0013	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
Carbon disulfide	<0.0034		0.0034	0.00070	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
Carbon tetrachloride	<0.0013		0.0013	0.00039	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
Chlorobenzene	<0.0013		0.0013	0.00050	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
Chloroethane	<0.0034	*+	0.0034	0.0010	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
Chloroform	<0.0013		0.0013	0.00047	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
Chloromethane	<0.0034		0.0034	0.0014	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
cis-1,2-Dichloroethene	<0.0013		0.0013	0.00038	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
cis-1,3-Dichloropropene	<0.0013		0.0013	0.00041	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
Dibromochloromethane	<0.0013		0.0013	0.00044	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
1,1-Dichloroethane	<0.0013		0.0013	0.00046	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
1,2-Dichloroethane	<0.0034		0.0034	0.0010	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
1,1-Dichloroethene	<0.0013		0.0013	0.00046	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
1,2-Dichloropropane	<0.0013		0.0013	0.00035	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
1,3-Dichloropropane, Total	<0.0013		0.0013	0.00047	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
Ethylbenzene	<0.0013		0.0013	0.00064	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
2-Hexanone	<0.0034		0.0034	0.0010	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
Methylene Chloride	<0.0034		0.0034	0.0013	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
Methyl Ethyl Ketone	<0.0034		0.0034	0.0015	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
methyl isobutyl ketone	<0.0034		0.0034	0.0010	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
Methyl tert-butyl ether	<0.0013		0.0013	0.00039	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
Styrene	<0.0013		0.0013	0.00041	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
1,1,2,2-Tetrachloroethane	<0.0013		0.0013	0.00043	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
Tetrachloroethene	<0.0013		0.0013	0.00046	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
Toluene	<0.0013		0.0013	0.00034	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
trans-1,2-Dichloroethene	<0.0013		0.0013	0.00060	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
trans-1,3-Dichloropropene	<0.0013		0.0013	0.00047	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
1,1,1-Trichloroethane	<0.0013		0.0013	0.00045	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
1,1,2-Trichloroethane	<0.0013		0.0013	0.00058	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
Trichloroethene	<0.0013		0.0013	0.00045	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
Vinyl chloride	<0.0013		0.0013	0.00060	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
Xylenes, Total	<0.0027		0.0027	0.00043	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		75 - 131	05/27/21 17:55	06/01/21 20:06	1
Dibromofluoromethane	105		75 - 126	05/27/21 17:55	06/01/21 20:06	1
1,2-Dichloroethane-d4 (Surr)	116		70 - 134	05/27/21 17:55	06/01/21 20:06	1
Toluene-d8 (Surr)	105		75 - 124	05/27/21 17:55	06/01/21 20:06	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-35(0-2)-052621**

**Lab Sample ID: 500-199752-19**

**Date Collected: 05/26/21 13:00**

**Matrix: Solid**

**Date Received: 05/26/21 17:18**

**Percent Solids: 87.0**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.086	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
2,4-Dichlorophenol	<0.38		0.38	0.090	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
2,4-Dimethylphenol	<0.38		0.38	0.14	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
2,4-Dinitrophenol	<0.76		0.76	0.67	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
2,4-Dinitrotoluene	<0.19		0.19	0.060	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
2,6-Dinitrotoluene	<0.19		0.19	0.074	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
2-Chlorophenol	<0.19		0.19	0.064	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
2-Methylnaphthalene	<0.076		0.076	0.0069	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
2-Methylphenol	<0.19		0.19	0.061	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
2-Nitrophenol	<0.38		0.38	0.089	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
3 & 4 Methylphenol	<0.19		0.19	0.063	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.053	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.30	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
4-Chloroaniline	<0.76		0.76	0.18	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
4-Nitrophenol	<0.76		0.76	0.36	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
<b>Acenaphthene</b>	<b>0.017</b>	<b>J</b>	0.038	0.0068	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
<b>Acenaphthylene</b>	<b>0.013</b>	<b>J</b>	0.038	0.0050	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
<b>Anthracene</b>	<b>0.059</b>		0.038	0.0063	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
<b>Benzo[a]anthracene</b>	<b>0.096</b>		0.038	0.0051	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
<b>Benzo[a]pyrene</b>	<b>0.12</b>		0.038	0.0073	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
<b>Benzo[b]fluoranthene</b>	<b>0.16</b>		0.038	0.0082	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
<b>Benzo[g,h,i]perylene</b>	<b>0.066</b>		0.038	0.012	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
<b>Benzo[k]fluoranthene</b>	<b>0.051</b>		0.038	0.011	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.057	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.069	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
Butyl benzyl phthalate	<0.19		0.19	0.072	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
<b>Carbazole</b>	<b>0.16</b>	<b>J</b>	0.19	0.094	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
<b>Chrysene</b>	<b>0.11</b>		0.038	0.010	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
<b>Dibenz(a,h)anthracene</b>	<b>0.017</b>	<b>J</b>	0.038	0.0073	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
Diethyl phthalate	<0.19		0.19	0.064	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
Di-n-butyl phthalate	<0.19		0.19	0.058	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
Di-n-octyl phthalate	<0.19		0.19	0.062	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
<b>Fluoranthene</b>	<b>0.21</b>		0.038	0.0070	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
<b>Fluorene</b>	<b>0.044</b>		0.038	0.0053	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
Hexachlorobenzene	<0.076		0.076	0.0088	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
Hexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
Hexachlorocyclopentadiene	<0.76		0.76	0.22	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
Hexachloroethane	<0.19		0.19	0.057	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-35(0-2)-052621**

**Lab Sample ID: 500-199752-19**

Date Collected: 05/26/21 13:00

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 87.0

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.046</b>		0.038	0.0098	mg/Kg	☼	06/02/21 07:17	06/02/21 19:02	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	06/02/21 07:17	06/02/21 19:02	1
<b>Naphthalene</b>	<b>0.0059</b>	<b>J</b>	0.038	0.0058	mg/Kg	☼	06/02/21 07:17	06/02/21 19:02	1
Nitrobenzene	<0.038		0.038	0.0094	mg/Kg	☼	06/02/21 07:17	06/02/21 19:02	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.046	mg/Kg	☼	06/02/21 07:17	06/02/21 19:02	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	☼	06/02/21 07:17	06/02/21 19:02	1
Pentachlorophenol	<0.76	*-	0.76	0.61	mg/Kg	☼	06/02/21 07:17	06/02/21 19:02	1
<b>Phenanthrene</b>	<b>0.18</b>		0.038	0.0053	mg/Kg	☼	06/02/21 07:17	06/02/21 19:02	1
Phenol	<0.19		0.19	0.084	mg/Kg	☼	06/02/21 07:17	06/02/21 19:02	1
<b>Pyrene</b>	<b>0.20</b>		0.038	0.0075	mg/Kg	☼	06/02/21 07:17	06/02/21 19:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	72		31 - 143	06/02/21 07:17	06/02/21 19:02	1
2-Fluorobiphenyl	65		43 - 145	06/02/21 07:17	06/02/21 19:02	1
2-Fluorophenol	84		31 - 166	06/02/21 07:17	06/02/21 19:02	1
Nitrobenzene-d5	46		37 - 147	06/02/21 07:17	06/02/21 19:02	1
Phenol-d5	82		30 - 153	06/02/21 07:17	06/02/21 19:02	1
Terphenyl-d14	105		42 - 157	06/02/21 07:17	06/02/21 19:02	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/01/21 18:18	06/02/21 13:01	1
<b>Barium</b>	<b>0.59</b>		0.50	0.050	mg/L		06/01/21 18:18	06/02/21 13:01	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/01/21 18:18	06/02/21 13:01	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/21 18:18	06/02/21 13:01	1
<b>Chromium</b>	<b>0.11</b>		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 13:01	1
Cobalt	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 13:01	1
<b>Copper</b>	<b>0.021</b>	<b>J</b>	0.025	0.010	mg/L		06/01/21 18:18	06/02/21 13:01	1
<b>Iron</b>	<b>0.48</b>		0.40	0.20	mg/L		06/01/21 18:18	06/02/21 13:01	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/01/21 18:18	06/02/21 13:01	1
<b>Manganese</b>	<b>0.94</b>		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 13:01	1
<b>Nickel</b>	<b>0.10</b>		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 13:01	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:18	06/02/21 13:01	1
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 13:01	1
<b>Zinc</b>	<b>0.021</b>	<b>J</b>	0.50	0.020	mg/L		06/01/21 18:18	06/02/21 13:01	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.063</b>		0.050	0.010	mg/L		06/01/21 18:21	06/02/21 12:04	1
<b>Barium</b>	<b>0.65</b>		0.50	0.050	mg/L		06/01/21 18:21	06/02/21 12:04	1
<b>Beryllium</b>	<b>0.0072</b>		0.0040	0.0040	mg/L		06/01/21 18:21	06/02/21 12:04	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/21 18:21	06/02/21 12:04	1
<b>Chromium</b>	<b>0.16</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 12:04	1
<b>Cobalt</b>	<b>0.041</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 12:04	1
<b>Copper</b>	<b>0.14</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 12:04	1
<b>Iron</b>	<b>160</b>		0.40	0.20	mg/L		06/01/21 18:21	06/02/21 12:04	1
<b>Lead</b>	<b>0.14</b>		0.0075	0.0075	mg/L		06/01/21 18:21	06/02/21 12:04	1
<b>Manganese</b>	<b>0.93</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 12:04	1
<b>Nickel</b>	<b>0.14</b>		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 12:04	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:21	06/02/21 12:04	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

**Client Sample ID: ROW-35(0-2)-052621**

**Lab Sample ID: 500-199752-19**

Date Collected: 05/26/21 13:00

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 87.0

## Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 12:04	1
<b>Zinc</b>	<b>0.48</b>	<b>J</b>	0.50	0.020	mg/L		06/01/21 18:21	06/02/21 12:04	1

## Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Antimony</b>	<b>0.54</b>	<b>J</b>	1.1	0.21	mg/Kg	✱	06/01/21 17:09	06/02/21 14:01	1
<b>Arsenic</b>	<b>7.3</b>		0.53	0.18	mg/Kg	✱	06/01/21 17:09	06/02/21 14:01	1
<b>Barium</b>	<b>78</b>		0.53	0.061	mg/Kg	✱	06/01/21 17:09	06/02/21 14:01	1
<b>Beryllium</b>	<b>0.60</b>		0.21	0.050	mg/Kg	✱	06/01/21 17:09	06/02/21 14:01	1
<b>Cadmium</b>	<b>0.30</b>	<b>B</b>	0.11	0.019	mg/Kg	✱	06/01/21 17:09	06/02/21 14:01	1
<b>Calcium</b>	<b>21000</b>	<b>B</b>	11	1.8	mg/Kg	✱	06/01/21 17:09	06/02/21 14:01	1
<b>Chromium</b>	<b>13</b>		0.53	0.26	mg/Kg	✱	06/01/21 17:09	06/02/21 14:01	1
<b>Cobalt</b>	<b>9.2</b>		0.27	0.070	mg/Kg	✱	06/01/21 17:09	06/02/21 14:01	1
<b>Copper</b>	<b>15</b>		0.53	0.15	mg/Kg	✱	06/01/21 17:09	06/02/21 14:01	1
<b>Iron</b>	<b>14000</b>	<b>B</b>	11	5.5	mg/Kg	✱	06/01/21 17:09	06/02/21 14:01	1
<b>Lead</b>	<b>31</b>		0.27	0.12	mg/Kg	✱	06/01/21 17:09	06/02/21 14:01	1
<b>Magnesium</b>	<b>13000</b>	<b>B</b>	5.3	2.6	mg/Kg	✱	06/01/21 17:09	06/02/21 14:01	1
<b>Manganese</b>	<b>510</b>	<b>B</b>	0.53	0.077	mg/Kg	✱	06/01/21 17:09	06/02/21 14:01	1
<b>Nickel</b>	<b>20</b>		0.53	0.15	mg/Kg	✱	06/01/21 17:09	06/02/21 14:01	1
<b>Potassium</b>	<b>1200</b>		27	9.4	mg/Kg	✱	06/01/21 17:09	06/02/21 14:01	1
<b>Selenium</b>	<b>0.42</b>	<b>J</b>	0.53	0.31	mg/Kg	✱	06/01/21 17:09	06/02/21 14:01	1
<b>Silver</b>	<b>0.41</b>		0.27	0.069	mg/Kg	✱	06/01/21 17:09	06/02/21 14:01	1
<b>Sodium</b>	<b>1800</b>		53	7.9	mg/Kg	✱	06/01/21 17:09	06/02/21 14:01	1
Thallium	<0.53		0.53	0.27	mg/Kg	✱	06/01/21 17:09	06/02/21 14:01	1
<b>Vanadium</b>	<b>22</b>		0.27	0.063	mg/Kg	✱	06/01/21 17:09	06/02/21 14:01	1
<b>Zinc</b>	<b>56</b>		1.1	0.47	mg/Kg	✱	06/01/21 17:09	06/02/21 14:01	1

## Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 09:07	1

## Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 10:09	1

## Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.026</b>		0.018	0.0061	mg/Kg	✱	06/01/21 13:20	06/02/21 07:42	1

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.2</b>		0.2	0.2	SU			06/01/21 15:47	1

# Definitions/Glossary

Client: Weston Solutions, Inc.  
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

## Qualifiers

### GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

### GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*3	ISTD response or retention time outside acceptable limits.
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
E	Result exceeded calibration range.
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, high biased.

### Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
E	Result exceeded calibration range.
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



# Definitions/Glossary

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

## Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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

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# Accreditation/Certification Summary

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199752-1

## Laboratory: Eurofins TestAmerica, Chicago

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	IL00035	04-29-22

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Address \_\_\_\_\_

Regulatory Program:  DW  NPDES  RCRA  Other

TAL-8210

Client Contact		Project Manager: <u>Andris Slesse</u>		Site Contact		Date		COC No	
Company Name <u>Weston Solutions</u>		Tel/Email:		Lab Contact		Carrier		1 of 3 COCs	
Address <u>300 Plaza Cir Ste 202</u>		Analysis Turnaround Time		Filtered Sample (Y/N) Perform MS / MSD (Y/N) VOCs SVOCs Total Metals TCDD/PCP/Actals pH		 500-199752 COC		Sampler	
City/State/Zip <u>Muncie, IN 47306</u>		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS						For Lab Use Only.	
Phone:		TAT if different from Below:						Walk-in Client	
Fax:		<input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day						Lab Sampling	
Project Name <u>IDOT E-90</u>								Job / SDG No	
Site								<u>500-199752</u>	
P O #									
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.			Sample Specific Notes
1	ROW-1(0-2)-052621	5/26/21	0820	G	S	6	X	X	
2	ROW-3(0-2)-052621		0835				X	X	
3	ROW-5(0-2)-052621		0855				X	X	
4	ROW-7(0-2)-052621		0905				X	X	
5	ROW-9(0-2)-052621		0920				X	X	
6	ROW-11(0-2)-052621		0935				X	X	
7	ROW-13(0-2)-052621		0955				X	X	
8	ROW-15(0-2)-052621		1005				X	X	
9	ROW-17(0-2)-052621		1020				X	X	
10	ROW-19(0-2)-052621		1035				X	X	
11	ROW-19(0-2)-052621 D		1035				X	X	
12	ROW-21(0-2)-052621		1100				X	X	
Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other									
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)				
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown					<input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months				
Special Instructions/QC Requirements & Comments: <u>4.9 → 4.7, 3.8 → 3.6, 5.1 → 4.9, 2.2 → 2.0, 5.8 → 5.6</u>									
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temp. (°C) Obs'd		Corr'd		Therm ID No	
Relinquished by: <u>[Signature]</u>		Company: <u>Weston</u>		Date/Time: <u>5/26 1610</u>		Received by: <u>P. Neal</u>		Company: <u>ETA</u>	
Relinquished by: <u>P. Neal</u>		Company: <u>ETA</u>		Date/Time: <u>5/26/21 1718</u>		Received by: <u>[Signature]</u>		Company: <u>[Signature]</u>	
Relinquished by:		Company:		Date/Time:		Received in Laboratory by: <u>Paula Buchling</u>		Company: <u>ETA CUI</u>	
								Date/Time: <u>5/26/21 1718</u>	

# Chain of Custody Record

533084



Environment Testing  
TestAmerica

Address: \_\_\_\_\_

Regulatory Program:  DW  NPDES  RCRA  Other

TAL-8210

Client Contact		Project Manager: <u>Andrus Slessers</u>		Site Contact		Date		COC No	
Company Name: <u>Weston Solutions</u>		Tel/Email		Lab Contact		Carrier		2 of 3 COCs	
Address: <u>300 Plaza Dr Ste 202</u>		Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Filtered Sample (Y/N) Perform MS/MSD (Y/N)		VOCs SVOCs Total Metals TEBP/SPLR Metals pH		Sampler: For Lab Use Only: Walk-in Client: <input type="checkbox"/> Lab Sampling: <input type="checkbox"/>	
City/State/Zip: <u>Mundelein, IL 60060</u>									
Phone		<input type="checkbox"/> 2 weeks						Sample Specific Notes	
Fax		<input type="checkbox"/> 1 week							
Project Name: <u>TDOT I-80</u>		<input type="checkbox"/> 2 days							
Site		<input type="checkbox"/> 1 day							
P O #									

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	VOCs	SVOCs	Total Metals	TEBP/SPLR Metals	pH
13 Row-23(0-2)-052621	5/26/21	1120	G	S	6			Y	X	X	X	X
14 Row-25(0-2)-052621		1140						X	X	X	X	X
15 Row-27(0-2)-052621		1155						X	X	X	X	X
16 Row-29(0-2)-052621		1215						X	X	X	X	X
17 Row-31(0-2)-052621		1230						X	X	X	X	X
18 Row-33(0-2)-052621		1245						X	X	X	X	X
19 Row-35(0-2)-052621		1300						X	X	X	X	X
20 Row-37(0-2)-052621		1315						X	X	X	X	X
Row-39(0-2)-052621		1330						X	X	X	X	X
Row-39(0-2)-052621D		1330						X	X	X	X	X
Row-41(0-2)-052621		1350						X	X	X	X	X
Row-43(0-2)-052621	↓	1405	↓	↓	↓			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.

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: 4.9 → 4.7, 3.8 → 3.6, 5.1 → 4.9, 2.2 → 2.0, 5.8 → 5.6

Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.:	Cooler Temp (°C) Obs'd	Corr'd	Therm ID No.:
Relinquished by: <u>[Signature]</u>	Company: <u>Weston</u>	Date/Time: <u>5/26/21 1610</u>	Received by: <u>A. New</u>	Company: <u>ETA</u>
Relinquished by: <u>P. New</u>	Company: <u>ETA</u>	Date/Time: <u>5/26/21 1718</u>	Received by: <u>[Signature]</u>	Company: <u>ETA</u>
Relinquished by:	Company:	Date/Time:	Received in Laboratory by: <u>Paula Buckley</u>	Company: <u>ETA CHI</u>

## ANALYTICAL REPORT

Eurofins TestAmerica, Chicago  
2417 Bond Street  
University Park, IL 60484  
Tel: (708)534-5200

Laboratory Job ID: 500-199832-1  
Client Project/Site: IDOT - I-80 - WO 019

**For:**

Weston Solutions, Inc.  
300 Plaza Circle, Suite 202  
Mundelein, Illinois 60060

Attn: Mr. Andris Slesers



Authorized for release by:  
6/8/2021 1:21:31 PM

Richard Wright, Senior Project Manager  
(708)746-0045  
[Richard.Wright@Eurofinset.com](mailto:Richard.Wright@Eurofinset.com)

### LINKS

Review your project  
results through  
**TotalAccess**

Have a Question?



Visit us at:

[www.eurofinsus.com/Env](http://www.eurofinsus.com/Env)

*The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-58(0-2)-052721**

**Lab Sample ID: 500-199832-1**

Date Collected: 05/27/21 08:05

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 86.1

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.024		0.024	0.010	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
Benzene	<0.0024		0.0024	0.00061	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
Bromodichloromethane	<0.0024		0.0024	0.00049	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
Bromoform	<0.0024		0.0024	0.00070	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
Bromomethane	<0.0060		0.0060	0.0023	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
Carbon disulfide	<0.0060		0.0060	0.0013	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
Carbon tetrachloride	<0.0024		0.0024	0.00070	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
Chlorobenzene	<0.0024		0.0024	0.00089	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
Chloroethane	<0.0060		0.0060	0.0018	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
Chloroform	<0.0024		0.0024	0.00084	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
Chloromethane	<0.0060		0.0060	0.0024	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
cis-1,2-Dichloroethene	<0.0024		0.0024	0.00067	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
cis-1,3-Dichloropropene	<0.0024		0.0024	0.00073	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
Dibromochloromethane	<0.0024		0.0024	0.00079	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
1,1-Dichloroethane	<0.0024		0.0024	0.00083	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
1,2-Dichloroethane	<0.0060		0.0060	0.0019	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
1,1-Dichloroethene	<0.0024		0.0024	0.00083	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
1,2-Dichloropropane	<0.0024		0.0024	0.00062	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
1,3-Dichloropropane, Total	<0.0024		0.0024	0.00085	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
Ethylbenzene	<0.0024		0.0024	0.0012	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
2-Hexanone	<0.0060		0.0060	0.0019	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
Methylene Chloride	<0.0060		0.0060	0.0024	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
Methyl Ethyl Ketone	<0.0060		0.0060	0.0027	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
methyl isobutyl ketone	<0.0060		0.0060	0.0018	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
Methyl tert-butyl ether	<0.0024		0.0024	0.00071	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
Styrene	<0.0024		0.0024	0.00073	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
1,1,2,2-Tetrachloroethane	<0.0024		0.0024	0.00077	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
Tetrachloroethene	<0.0024		0.0024	0.00082	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
Toluene	<0.0024		0.0024	0.00061	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
trans-1,2-Dichloroethene	<0.0024		0.0024	0.0011	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
trans-1,3-Dichloropropene	<0.0024		0.0024	0.00085	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
1,1,1-Trichloroethane	<0.0024		0.0024	0.00081	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
1,1,2-Trichloroethane	<0.0024		0.0024	0.0010	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
Trichloroethene	<0.0024		0.0024	0.00081	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
Vinyl chloride	<0.0024		0.0024	0.0011	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
Xylenes, Total	<0.0048		0.0048	0.00077	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		75 - 131	05/28/21 17:40	06/02/21 11:29	1
Dibromofluoromethane	101		75 - 126	05/28/21 17:40	06/02/21 11:29	1
1,2-Dichloroethane-d4 (Surr)	105		70 - 134	05/28/21 17:40	06/02/21 11:29	1
Toluene-d8 (Surr)	105		75 - 124	05/28/21 17:40	06/02/21 11:29	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	☼	06/03/21 07:33	06/03/21 20:53	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	☼	06/03/21 07:33	06/03/21 20:53	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	☼	06/03/21 07:33	06/03/21 20:53	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	☼	06/03/21 07:33	06/03/21 20:53	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	☼	06/03/21 07:33	06/03/21 20:53	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-58(0-2)-052721**

**Lab Sample ID: 500-199832-1**

Date Collected: 05/27/21 08:05

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 86.1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.087	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
2,4-Dichlorophenol	<0.38		0.38	0.091	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
2,4-Dimethylphenol	<0.38		0.38	0.15	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
2,4-Dinitrophenol	<0.77	F1	0.77	0.67	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
2,4-Dinitrotoluene	<0.19		0.19	0.061	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
2,6-Dinitrotoluene	<0.19		0.19	0.075	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
2-Chlorophenol	<0.19	*+	0.19	0.065	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
<b>2-Methylnaphthalene</b>	<b>0.030</b>	<b>J</b>	0.077	0.0070	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
2-Methylphenol	<0.19		0.19	0.061	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
2-Nitrophenol	<0.38		0.38	0.090	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
3 & 4 Methylphenol	<0.19		0.19	0.064	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
3,3'-Dichlorobenzidine	<0.19	F1 F2	0.19	0.054	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
4,6-Dinitro-2-methylphenol	<0.77	F2	0.77	0.31	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
4-Chloroaniline	<0.77		0.77	0.18	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
4-Nitrophenol	<0.77		0.77	0.36	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
<b>Acenaphthene</b>	<b>0.0093</b>	<b>J</b>	0.038	0.0069	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
<b>Acenaphthylene</b>	<b>0.052</b>		0.038	0.0050	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
<b>Anthracene</b>	<b>0.073</b>		0.038	0.0064	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
<b>Benzo[a]anthracene</b>	<b>0.18</b>		0.038	0.0051	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
<b>Benzo[a]pyrene</b>	<b>0.20</b>	<b>*3</b>	0.038	0.0074	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
<b>Benzo[b]fluoranthene</b>	<b>0.32</b>	<b>*3</b>	0.038	0.0083	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
<b>Benzo[g,h,i]perylene</b>	<b>0.074</b>	<b>*3 F1</b>	0.038	0.012	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
<b>Benzo[k]fluoranthene</b>	<b>0.12</b>	<b>*3 F1</b>	0.038	0.011	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
Bis(2-chloroethyl)ether	<0.19	*+	0.19	0.057	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
Bis(2-ethylhexyl) phthalate	<0.19	F1	0.19	0.070	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
Butyl benzyl phthalate	<0.19	F1	0.19	0.073	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
Carbazole	<0.19		0.19	0.096	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
<b>Chrysene</b>	<b>0.20</b>		0.038	0.010	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
<b>Dibenz(a,h)anthracene</b>	<b>0.019</b>	<b>J *3 F1</b>	0.038	0.0074	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
<b>Dibenzofuran</b>	<b>0.056</b>	<b>J</b>	0.19	0.045	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
Diethyl phthalate	<0.19		0.19	0.065	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
Di-n-butyl phthalate	<0.19		0.19	0.058	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
Di-n-octyl phthalate	<0.19		0.19	0.062	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
<b>Fluoranthene</b>	<b>0.37</b>		0.038	0.0071	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
<b>Fluorene</b>	<b>0.022</b>	<b>J</b>	0.038	0.0054	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
Hexachlorobenzene	<0.077		0.077	0.0089	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
Hexachlorobutadiene	<0.19		0.19	0.060	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
Hexachlorocyclopentadiene	<0.77	F1	0.77	0.22	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
Hexachloroethane	<0.19		0.19	0.058	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-58(0-2)-052721**

**Lab Sample ID: 500-199832-1**

Date Collected: 05/27/21 08:05

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 86.1

### Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.075</b>	<b>*3 F1</b>	0.038	0.0099	mg/Kg	☼	06/03/21 07:33	06/03/21 20:53	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	06/03/21 07:33	06/03/21 20:53	1
<b>Naphthalene</b>	<b>0.21</b>		0.038	0.0059	mg/Kg	☼	06/03/21 07:33	06/03/21 20:53	1
Nitrobenzene	<0.038		0.038	0.0095	mg/Kg	☼	06/03/21 07:33	06/03/21 20:53	1
N-Nitrosodi-n-propylamine	<0.077		0.077	0.047	mg/Kg	☼	06/03/21 07:33	06/03/21 20:53	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	☼	06/03/21 07:33	06/03/21 20:53	1
Pentachlorophenol	<0.77	*- F1	0.77	0.61	mg/Kg	☼	06/03/21 07:33	06/03/21 20:53	1
<b>Phenanthrene</b>	<b>0.29</b>		0.038	0.0053	mg/Kg	☼	06/03/21 07:33	06/03/21 20:53	1
Phenol	<0.19		0.19	0.085	mg/Kg	☼	06/03/21 07:33	06/03/21 20:53	1
<b>Pyrene</b>	<b>0.42</b>	<b>F1</b>	0.038	0.0076	mg/Kg	☼	06/03/21 07:33	06/03/21 20:53	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
2,4,6-Tribromophenol	87		31 - 143				06/03/21 07:33	06/03/21 20:53	1
2-Fluorobiphenyl	91		43 - 145				06/03/21 07:33	06/03/21 20:53	1
2-Fluorophenol	105		31 - 166				06/03/21 07:33	06/03/21 20:53	1
Nitrobenzene-d5	89		37 - 147				06/03/21 07:33	06/03/21 20:53	1
Phenol-d5	107		30 - 153				06/03/21 07:33	06/03/21 20:53	1
Terphenyl-d14	123		42 - 157				06/03/21 07:33	06/03/21 20:53	1

### Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:28	06/04/21 10:43	1
<b>Barium</b>	<b>0.53</b>		0.50	0.050	mg/L		06/03/21 18:28	06/04/21 10:43	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:28	06/04/21 10:43	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:28	06/04/21 10:43	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 10:43	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 10:43	1
Copper	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 10:43	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:28	06/04/21 10:43	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/21 18:28	06/04/21 10:43	1
<b>Manganese</b>	<b>0.56</b>		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 10:43	1
Nickel	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 10:43	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:28	06/04/21 10:43	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 10:43	1
<b>Zinc</b>	<b>0.030</b>	<b>J</b>	0.50	0.020	mg/L		06/03/21 18:28	06/04/21 10:43	1

### Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.083</b>		0.050	0.010	mg/L		06/03/21 18:31	06/04/21 11:45	1
<b>Barium</b>	<b>0.54</b>		0.50	0.050	mg/L		06/03/21 18:31	06/04/21 11:45	1
<b>Beryllium</b>	<b>0.0090</b>		0.0040	0.0040	mg/L		06/03/21 18:31	06/04/21 11:45	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:31	06/04/21 11:45	1
<b>Chromium</b>	<b>0.16</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:45	1
<b>Cobalt</b>	<b>0.054</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:45	1
<b>Copper</b>	<b>0.21</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:45	1
<b>Iron</b>	<b>180</b>		0.40	0.20	mg/L		06/03/21 18:31	06/04/21 11:45	1
<b>Lead</b>	<b>0.16</b>		0.0075	0.0075	mg/L		06/03/21 18:31	06/04/21 11:45	1
<b>Manganese</b>	<b>0.77</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:45	1
<b>Nickel</b>	<b>0.20</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:45	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:31	06/04/21 11:45	1

Eurofins TestAmerica, Chicago



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-58(0-2)-052721**

**Lab Sample ID: 500-199832-1**

Date Collected: 05/27/21 08:05

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 86.1

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:45	1
Zinc	0.49	J	0.50	0.020	mg/L		06/03/21 18:31	06/04/21 11:45	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.1	F1	1.1	0.22	mg/Kg	✧	06/02/21 17:31	06/03/21 16:44	1
Arsenic	7.7	F1	0.57	0.20	mg/Kg	✧	06/02/21 17:31	06/03/21 16:44	1
Barium	47		0.57	0.065	mg/Kg	✧	06/02/21 17:31	06/03/21 16:44	1
Beryllium	0.67		0.23	0.053	mg/Kg	✧	06/02/21 17:31	06/03/21 16:44	1
Cadmium	0.29		0.11	0.021	mg/Kg	✧	06/02/21 17:31	06/03/21 16:44	1
Calcium	84000	B	57	9.7	mg/Kg	✧	06/02/21 17:31	06/04/21 16:58	5
Chromium	18	F1 F2	0.57	0.28	mg/Kg	✧	06/02/21 17:31	06/03/21 16:44	1
Cobalt	11		0.29	0.075	mg/Kg	✧	06/02/21 17:31	06/03/21 16:44	1
Copper	27	F1	0.57	0.16	mg/Kg	✧	06/02/21 17:31	06/03/21 16:44	1
Iron	23000	F2	57	30	mg/Kg	✧	06/02/21 17:31	06/04/21 16:58	5
Lead	33		0.29	0.13	mg/Kg	✧	06/02/21 17:31	06/03/21 16:44	1
Magnesium	51000	B	29	14	mg/Kg	✧	06/02/21 17:31	06/04/21 16:58	5
Manganese	410	F2	0.57	0.083	mg/Kg	✧	06/02/21 17:31	06/03/21 16:44	1
Nickel	26		0.57	0.17	mg/Kg	✧	06/02/21 17:31	06/03/21 16:44	1
Potassium	1800	F1	29	10	mg/Kg	✧	06/02/21 17:31	06/03/21 16:44	1
Selenium	<0.57	F1	0.57	0.34	mg/Kg	✧	06/02/21 17:31	06/03/21 16:44	1
Silver	0.41		0.29	0.074	mg/Kg	✧	06/02/21 17:31	06/03/21 16:44	1
Sodium	1300		57	8.5	mg/Kg	✧	06/02/21 17:31	06/03/21 16:44	1
Thallium	<0.57		0.57	0.28	mg/Kg	✧	06/02/21 17:31	06/03/21 16:44	1
Vanadium	21	F1 F2	0.29	0.067	mg/Kg	✧	06/02/21 17:31	06/03/21 16:44	1
Zinc	91	F1	1.1	0.50	mg/Kg	✧	06/02/21 17:31	06/03/21 16:44	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/21 13:05	06/04/21 11:22	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 10:53	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.022		0.018	0.0061	mg/Kg	✧	06/03/21 14:00	06/04/21 07:27	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.7		0.2	0.2	SU			06/03/21 13:53	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-58(0-2)-052721D**

**Lab Sample ID: 500-199832-2**

**Date Collected: 05/27/21 08:05**

**Matrix: Solid**

**Date Received: 05/27/21 16:55**

**Percent Solids: 87.0**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0074	mg/Kg	✳	05/28/21 17:40	06/02/21 11:54	1
Benzene	<0.0017		0.0017	0.00044	mg/Kg	✳	05/28/21 17:40	06/02/21 11:54	1
Bromodichloromethane	<0.0017		0.0017	0.00035	mg/Kg	✳	05/28/21 17:40	06/02/21 11:54	1
Bromoform	<0.0017		0.0017	0.00050	mg/Kg	✳	05/28/21 17:40	06/02/21 11:54	1
Bromomethane	<0.0043		0.0043	0.0016	mg/Kg	✳	05/28/21 17:40	06/02/21 11:54	1
Carbon disulfide	<0.0043		0.0043	0.00089	mg/Kg	✳	05/28/21 17:40	06/02/21 11:54	1
Carbon tetrachloride	<0.0017		0.0017	0.00050	mg/Kg	✳	05/28/21 17:40	06/02/21 11:54	1
Chlorobenzene	<0.0017		0.0017	0.00063	mg/Kg	✳	05/28/21 17:40	06/02/21 11:54	1
Chloroethane	<0.0043		0.0043	0.0013	mg/Kg	✳	05/28/21 17:40	06/02/21 11:54	1
Chloroform	<0.0017		0.0017	0.00059	mg/Kg	✳	05/28/21 17:40	06/02/21 11:54	1
Chloromethane	<0.0043		0.0043	0.0017	mg/Kg	✳	05/28/21 17:40	06/02/21 11:54	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00048	mg/Kg	✳	05/28/21 17:40	06/02/21 11:54	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00052	mg/Kg	✳	05/28/21 17:40	06/02/21 11:54	1
Dibromochloromethane	<0.0017		0.0017	0.00056	mg/Kg	✳	05/28/21 17:40	06/02/21 11:54	1
1,1-Dichloroethane	<0.0017		0.0017	0.00059	mg/Kg	✳	05/28/21 17:40	06/02/21 11:54	1
1,2-Dichloroethane	<0.0043		0.0043	0.0013	mg/Kg	✳	05/28/21 17:40	06/02/21 11:54	1
1,1-Dichloroethene	<0.0017		0.0017	0.00059	mg/Kg	✳	05/28/21 17:40	06/02/21 11:54	1
1,2-Dichloropropane	<0.0017		0.0017	0.00044	mg/Kg	✳	05/28/21 17:40	06/02/21 11:54	1
1,3-Dichloropropane, Total	<0.0017		0.0017	0.00060	mg/Kg	✳	05/28/21 17:40	06/02/21 11:54	1
Ethylbenzene	<0.0017		0.0017	0.00082	mg/Kg	✳	05/28/21 17:40	06/02/21 11:54	1
2-Hexanone	<0.0043		0.0043	0.0013	mg/Kg	✳	05/28/21 17:40	06/02/21 11:54	1
Methylene Chloride	<0.0043		0.0043	0.0017	mg/Kg	✳	05/28/21 17:40	06/02/21 11:54	1
Methyl Ethyl Ketone	<0.0043		0.0043	0.0019	mg/Kg	✳	05/28/21 17:40	06/02/21 11:54	1
methyl isobutyl ketone	<0.0043		0.0043	0.0013	mg/Kg	✳	05/28/21 17:40	06/02/21 11:54	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00050	mg/Kg	✳	05/28/21 17:40	06/02/21 11:54	1
Styrene	<0.0017		0.0017	0.00052	mg/Kg	✳	05/28/21 17:40	06/02/21 11:54	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00055	mg/Kg	✳	05/28/21 17:40	06/02/21 11:54	1
Tetrachloroethene	<0.0017		0.0017	0.00058	mg/Kg	✳	05/28/21 17:40	06/02/21 11:54	1
Toluene	<0.0017		0.0017	0.00043	mg/Kg	✳	05/28/21 17:40	06/02/21 11:54	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00076	mg/Kg	✳	05/28/21 17:40	06/02/21 11:54	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00060	mg/Kg	✳	05/28/21 17:40	06/02/21 11:54	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00057	mg/Kg	✳	05/28/21 17:40	06/02/21 11:54	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00073	mg/Kg	✳	05/28/21 17:40	06/02/21 11:54	1
Trichloroethene	<0.0017		0.0017	0.00058	mg/Kg	✳	05/28/21 17:40	06/02/21 11:54	1
Vinyl chloride	<0.0017		0.0017	0.00076	mg/Kg	✳	05/28/21 17:40	06/02/21 11:54	1
Xylenes, Total	<0.0034		0.0034	0.00055	mg/Kg	✳	05/28/21 17:40	06/02/21 11:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		75 - 131	05/28/21 17:40	06/02/21 11:54	1
Dibromofluoromethane	100		75 - 126	05/28/21 17:40	06/02/21 11:54	1
1,2-Dichloroethane-d4 (Surr)	110		70 - 134	05/28/21 17:40	06/02/21 11:54	1
Toluene-d8 (Surr)	102		75 - 124	05/28/21 17:40	06/02/21 11:54	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-58(0-2)-052721D**

**Lab Sample ID: 500-199832-2**

Date Collected: 05/27/21 08:05

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 87.0

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.086	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
2,4-Dichlorophenol	<0.37		0.37	0.090	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
2,4-Dinitrophenol	<0.76		0.76	0.66	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
2,4-Dinitrotoluene	<0.19		0.19	0.060	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
2,6-Dinitrotoluene	<0.19		0.19	0.074	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
2-Chlorophenol	<0.19	+	0.19	0.064	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
<b>2-Methylnaphthalene</b>	<b>0.026</b>	<b>J</b>	0.076	0.0069	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
2-Nitrophenol	<0.37		0.37	0.089	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
3 & 4 Methylphenol	<0.19		0.19	0.063	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.053	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.30	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
4-Chloroaniline	<0.76		0.76	0.18	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
4-Nitrophenol	<0.76		0.76	0.36	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
<b>Acenaphthene</b>	<b>0.013</b>	<b>J</b>	0.037	0.0068	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
<b>Acenaphthylene</b>	<b>0.047</b>		0.037	0.0050	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
<b>Anthracene</b>	<b>0.081</b>		0.037	0.0063	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
<b>Benzo[a]anthracene</b>	<b>0.23</b>		0.037	0.0051	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
<b>Benzo[a]pyrene</b>	<b>0.25</b>		0.037	0.0073	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
<b>Benzo[b]fluoranthene</b>	<b>0.38</b>		0.037	0.0081	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
<b>Benzo[g,h,i]perylene</b>	<b>0.10</b>		0.037	0.012	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
<b>Benzo[k]fluoranthene</b>	<b>0.13</b>		0.037	0.011	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
Bis(2-chloroethyl)ether	<0.19	+	0.19	0.057	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.069	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
Butyl benzyl phthalate	<0.19		0.19	0.072	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
Carbazole	<0.19		0.19	0.094	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
<b>Chrysene</b>	<b>0.26</b>		0.037	0.010	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
<b>Dibenz(a,h)anthracene</b>	<b>0.026</b>	<b>J</b>	0.037	0.0073	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
<b>Dibenzofuran</b>	<b>0.050</b>	<b>J</b>	0.19	0.044	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
Diethyl phthalate	<0.19		0.19	0.064	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
Di-n-octyl phthalate	<0.19		0.19	0.062	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
<b>Fluoranthene</b>	<b>0.47</b>		0.037	0.0070	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
<b>Fluorene</b>	<b>0.026</b>	<b>J</b>	0.037	0.0053	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
Hexachlorobenzene	<0.076		0.076	0.0087	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
Hexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
Hexachlorocyclopentadiene	<0.76		0.76	0.22	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
Hexachloroethane	<0.19		0.19	0.057	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1

Euofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-58(0-2)-052721D**

**Lab Sample ID: 500-199832-2**

Date Collected: 05/27/21 08:05

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 87.0

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.099</b>		0.037	0.0098	mg/Kg	☼	06/03/21 07:33	06/03/21 20:12	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	06/03/21 07:33	06/03/21 20:12	1
<b>Naphthalene</b>	<b>0.17</b>		0.037	0.0058	mg/Kg	☼	06/03/21 07:33	06/03/21 20:12	1
Nitrobenzene	<0.037		0.037	0.0094	mg/Kg	☼	06/03/21 07:33	06/03/21 20:12	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.046	mg/Kg	☼	06/03/21 07:33	06/03/21 20:12	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☼	06/03/21 07:33	06/03/21 20:12	1
Pentachlorophenol	<0.76	*	0.76	0.60	mg/Kg	☼	06/03/21 07:33	06/03/21 20:12	1
<b>Phenanthrene</b>	<b>0.34</b>		0.037	0.0053	mg/Kg	☼	06/03/21 07:33	06/03/21 20:12	1
Phenol	<0.19		0.19	0.084	mg/Kg	☼	06/03/21 07:33	06/03/21 20:12	1
<b>Pyrene</b>	<b>0.44</b>		0.037	0.0075	mg/Kg	☼	06/03/21 07:33	06/03/21 20:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	85		31 - 143				06/03/21 07:33	06/03/21 20:12	1
2-Fluorobiphenyl	90		43 - 145				06/03/21 07:33	06/03/21 20:12	1
2-Fluorophenol	99		31 - 166				06/03/21 07:33	06/03/21 20:12	1
Nitrobenzene-d5	88		37 - 147				06/03/21 07:33	06/03/21 20:12	1
Phenol-d5	102		30 - 153				06/03/21 07:33	06/03/21 20:12	1
Terphenyl-d14	104		42 - 157				06/03/21 07:33	06/03/21 20:12	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:28	06/04/21 10:46	1
<b>Barium</b>	<b>0.47</b>	J	0.50	0.050	mg/L		06/03/21 18:28	06/04/21 10:46	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:28	06/04/21 10:46	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:28	06/04/21 10:46	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 10:46	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 10:46	1
Copper	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 10:46	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:28	06/04/21 10:46	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/21 18:28	06/04/21 10:46	1
<b>Manganese</b>	<b>0.28</b>		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 10:46	1
Nickel	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 10:46	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:28	06/04/21 10:46	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 10:46	1
Zinc	<0.50		0.50	0.020	mg/L		06/03/21 18:28	06/04/21 10:46	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.096</b>		0.050	0.010	mg/L		06/03/21 18:31	06/04/21 11:48	1
<b>Barium</b>	<b>0.68</b>		0.50	0.050	mg/L		06/03/21 18:31	06/04/21 11:48	1
<b>Beryllium</b>	<b>0.010</b>		0.0040	0.0040	mg/L		06/03/21 18:31	06/04/21 11:48	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:31	06/04/21 11:48	1
<b>Chromium</b>	<b>0.18</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:48	1
<b>Cobalt</b>	<b>0.064</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:48	1
<b>Copper</b>	<b>0.24</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:48	1
<b>Iron</b>	<b>210</b>		0.40	0.20	mg/L		06/03/21 18:31	06/04/21 11:48	1
<b>Lead</b>	<b>0.14</b>		0.0075	0.0075	mg/L		06/03/21 18:31	06/04/21 11:48	1
<b>Manganese</b>	<b>0.89</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:48	1
<b>Nickel</b>	<b>0.24</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:48	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:31	06/04/21 11:48	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-58(0-2)-052721D**

**Lab Sample ID: 500-199832-2**

Date Collected: 05/27/21 08:05

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 87.0

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:48	1
<b>Zinc</b>	<b>0.57</b>		0.50	0.020	mg/L		06/03/21 18:31	06/04/21 11:48	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Antimony</b>	<b>0.70</b>	<b>J</b>	1.1	0.21	mg/Kg	✧	06/02/21 17:31	06/03/21 17:08	1
<b>Arsenic</b>	<b>5.8</b>		0.54	0.19	mg/Kg	✧	06/02/21 17:31	06/03/21 17:08	1
<b>Barium</b>	<b>67</b>		0.54	0.062	mg/Kg	✧	06/02/21 17:31	06/03/21 17:08	1
<b>Beryllium</b>	<b>0.57</b>		0.22	0.051	mg/Kg	✧	06/02/21 17:31	06/03/21 17:08	1
<b>Cadmium</b>	<b>0.44</b>		0.11	0.020	mg/Kg	✧	06/02/21 17:31	06/03/21 17:08	1
<b>Calcium</b>	<b>97000</b>	<b>B</b>	54	9.2	mg/Kg	✧	06/02/21 17:31	06/04/21 17:27	5
<b>Chromium</b>	<b>20</b>		0.54	0.27	mg/Kg	✧	06/02/21 17:31	06/03/21 17:08	1
<b>Cobalt</b>	<b>9.5</b>		0.27	0.071	mg/Kg	✧	06/02/21 17:31	06/03/21 17:08	1
<b>Copper</b>	<b>27</b>		0.54	0.15	mg/Kg	✧	06/02/21 17:31	06/03/21 17:08	1
<b>Iron</b>	<b>20000</b>		54	28	mg/Kg	✧	06/02/21 17:31	06/04/21 17:27	5
<b>Lead</b>	<b>53</b>		0.27	0.13	mg/Kg	✧	06/02/21 17:31	06/03/21 17:08	1
<b>Magnesium</b>	<b>57000</b>	<b>B</b>	27	13	mg/Kg	✧	06/02/21 17:31	06/04/21 17:27	5
<b>Manganese</b>	<b>410</b>		0.54	0.079	mg/Kg	✧	06/02/21 17:31	06/03/21 17:08	1
<b>Nickel</b>	<b>25</b>		0.54	0.16	mg/Kg	✧	06/02/21 17:31	06/04/21 17:23	1
<b>Potassium</b>	<b>1400</b>		27	9.6	mg/Kg	✧	06/02/21 17:31	06/03/21 17:08	1
<b>Selenium</b>	<b>0.43</b>	<b>J</b>	0.54	0.32	mg/Kg	✧	06/02/21 17:31	06/03/21 17:08	1
<b>Silver</b>	<b>0.31</b>		0.27	0.070	mg/Kg	✧	06/02/21 17:31	06/03/21 17:08	1
<b>Sodium</b>	<b>1200</b>		54	8.0	mg/Kg	✧	06/02/21 17:31	06/03/21 17:08	1
Thallium	<0.54		0.54	0.27	mg/Kg	✧	06/02/21 17:31	06/03/21 17:08	1
<b>Vanadium</b>	<b>19</b>		0.27	0.064	mg/Kg	✧	06/02/21 17:31	06/03/21 17:08	1
<b>Zinc</b>	<b>120</b>		1.1	0.48	mg/Kg	✧	06/02/21 17:31	06/04/21 17:23	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/21 13:05	06/04/21 11:24	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 10:55	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.024</b>		0.019	0.0062	mg/Kg	✧	06/03/21 14:00	06/04/21 07:29	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.8</b>		0.2	0.2	SU			06/03/21 13:54	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-56(0-2)-052721**

**Lab Sample ID: 500-199832-3**

**Date Collected: 05/27/21 08:25**

**Matrix: Solid**

**Date Received: 05/27/21 16:55**

**Percent Solids: 91.5**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.021		0.021	0.0093	mg/Kg	✱	05/28/21 17:40	06/02/21 12:20	1
Benzene	<0.0021		0.0021	0.00055	mg/Kg	✱	05/28/21 17:40	06/02/21 12:20	1
Bromodichloromethane	<0.0021		0.0021	0.00044	mg/Kg	✱	05/28/21 17:40	06/02/21 12:20	1
Bromoform	<0.0021		0.0021	0.00062	mg/Kg	✱	05/28/21 17:40	06/02/21 12:20	1
Bromomethane	<0.0054		0.0054	0.0020	mg/Kg	✱	05/28/21 17:40	06/02/21 12:20	1
Carbon disulfide	<0.0054		0.0054	0.0011	mg/Kg	✱	05/28/21 17:40	06/02/21 12:20	1
Carbon tetrachloride	<0.0021		0.0021	0.00062	mg/Kg	✱	05/28/21 17:40	06/02/21 12:20	1
Chlorobenzene	<0.0021		0.0021	0.00079	mg/Kg	✱	05/28/21 17:40	06/02/21 12:20	1
Chloroethane	<0.0054		0.0054	0.0016	mg/Kg	✱	05/28/21 17:40	06/02/21 12:20	1
Chloroform	<0.0021		0.0021	0.00074	mg/Kg	✱	05/28/21 17:40	06/02/21 12:20	1
Chloromethane	<0.0054		0.0054	0.0022	mg/Kg	✱	05/28/21 17:40	06/02/21 12:20	1
cis-1,2-Dichloroethene	<0.0021		0.0021	0.00060	mg/Kg	✱	05/28/21 17:40	06/02/21 12:20	1
cis-1,3-Dichloropropene	<0.0021		0.0021	0.00065	mg/Kg	✱	05/28/21 17:40	06/02/21 12:20	1
Dibromochloromethane	<0.0021		0.0021	0.00070	mg/Kg	✱	05/28/21 17:40	06/02/21 12:20	1
1,1-Dichloroethane	<0.0021		0.0021	0.00073	mg/Kg	✱	05/28/21 17:40	06/02/21 12:20	1
1,2-Dichloroethane	<0.0054		0.0054	0.0017	mg/Kg	✱	05/28/21 17:40	06/02/21 12:20	1
1,1-Dichloroethene	<0.0021		0.0021	0.00074	mg/Kg	✱	05/28/21 17:40	06/02/21 12:20	1
1,2-Dichloropropane	<0.0021		0.0021	0.00055	mg/Kg	✱	05/28/21 17:40	06/02/21 12:20	1
1,3-Dichloropropane, Total	<0.0021		0.0021	0.00075	mg/Kg	✱	05/28/21 17:40	06/02/21 12:20	1
Ethylbenzene	<0.0021		0.0021	0.0010	mg/Kg	✱	05/28/21 17:40	06/02/21 12:20	1
2-Hexanone	<0.0054		0.0054	0.0017	mg/Kg	✱	05/28/21 17:40	06/02/21 12:20	1
Methylene Chloride	<0.0054		0.0054	0.0021	mg/Kg	✱	05/28/21 17:40	06/02/21 12:20	1
Methyl Ethyl Ketone	<0.0054		0.0054	0.0024	mg/Kg	✱	05/28/21 17:40	06/02/21 12:20	1
methyl isobutyl ketone	<0.0054		0.0054	0.0016	mg/Kg	✱	05/28/21 17:40	06/02/21 12:20	1
Methyl tert-butyl ether	<0.0021		0.0021	0.00063	mg/Kg	✱	05/28/21 17:40	06/02/21 12:20	1
Styrene	<0.0021		0.0021	0.00065	mg/Kg	✱	05/28/21 17:40	06/02/21 12:20	1
1,1,2,2-Tetrachloroethane	<0.0021		0.0021	0.00068	mg/Kg	✱	05/28/21 17:40	06/02/21 12:20	1
Tetrachloroethene	<0.0021		0.0021	0.00073	mg/Kg	✱	05/28/21 17:40	06/02/21 12:20	1
Toluene	<0.0021		0.0021	0.00054	mg/Kg	✱	05/28/21 17:40	06/02/21 12:20	1
trans-1,2-Dichloroethene	<0.0021		0.0021	0.00095	mg/Kg	✱	05/28/21 17:40	06/02/21 12:20	1
trans-1,3-Dichloropropene	<0.0021		0.0021	0.00075	mg/Kg	✱	05/28/21 17:40	06/02/21 12:20	1
1,1,1-Trichloroethane	<0.0021		0.0021	0.00072	mg/Kg	✱	05/28/21 17:40	06/02/21 12:20	1
1,1,2-Trichloroethane	<0.0021		0.0021	0.00092	mg/Kg	✱	05/28/21 17:40	06/02/21 12:20	1
Trichloroethene	<0.0021		0.0021	0.00072	mg/Kg	✱	05/28/21 17:40	06/02/21 12:20	1
Vinyl chloride	<0.0021		0.0021	0.00095	mg/Kg	✱	05/28/21 17:40	06/02/21 12:20	1
Xylenes, Total	<0.0043		0.0043	0.00068	mg/Kg	✱	05/28/21 17:40	06/02/21 12:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		75 - 131	05/28/21 17:40	06/02/21 12:20	1
Dibromofluoromethane	100		75 - 126	05/28/21 17:40	06/02/21 12:20	1
1,2-Dichloroethane-d4 (Surr)	106		70 - 134	05/28/21 17:40	06/02/21 12:20	1
Toluene-d8 (Surr)	108		75 - 124	05/28/21 17:40	06/02/21 12:20	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.039	mg/Kg	✱	06/03/21 07:33	06/04/21 01:54	1
1,2-Dichlorobenzene	<0.18		0.18	0.043	mg/Kg	✱	06/03/21 07:33	06/04/21 01:54	1
1,3-Dichlorobenzene	<0.18		0.18	0.041	mg/Kg	✱	06/03/21 07:33	06/04/21 01:54	1
1,4-Dichlorobenzene	<0.18		0.18	0.046	mg/Kg	✱	06/03/21 07:33	06/04/21 01:54	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.042	mg/Kg	✱	06/03/21 07:33	06/04/21 01:54	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-56(0-2)-052721**

**Lab Sample ID: 500-199832-3**

**Date Collected: 05/27/21 08:25**

**Matrix: Solid**

**Date Received: 05/27/21 16:55**

**Percent Solids: 91.5**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.36		0.36	0.082	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
2,4,6-Trichlorophenol	<0.36		0.36	0.12	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
2,4-Dichlorophenol	<0.36		0.36	0.086	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
2,4-Dimethylphenol	<0.36		0.36	0.14	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
2,4-Dinitrophenol	<0.73		0.73	0.63	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
2,4-Dinitrotoluene	<0.18		0.18	0.057	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
2,6-Dinitrotoluene	<0.18		0.18	0.071	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
2-Chloronaphthalene	<0.18		0.18	0.040	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
2-Chlorophenol	<0.18	*+	0.18	0.062	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
<b>2-Methylnaphthalene</b>	<b>0.039</b>	<b>J</b>	0.073	0.0066	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
2-Methylphenol	<0.18		0.18	0.058	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
2-Nitroaniline	<0.18		0.18	0.049	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
2-Nitrophenol	<0.36		0.36	0.085	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
3 & 4 Methylphenol	<0.18		0.18	0.060	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
3,3'-Dichlorobenzidine	<0.18	*3	0.18	0.050	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
3-Nitroaniline	<0.36		0.36	0.11	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
4,6-Dinitro-2-methylphenol	<0.73		0.73	0.29	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.048	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
4-Chloro-3-methylphenol	<0.36		0.36	0.12	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
4-Chloroaniline	<0.73		0.73	0.17	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.042	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
4-Nitroaniline	<0.36		0.36	0.15	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
4-Nitrophenol	<0.73		0.73	0.34	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
<b>Acenaphthene</b>	<b>0.074</b>		0.036	0.0065	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
<b>Acenaphthylene</b>	<b>0.019</b>	<b>J</b>	0.036	0.0048	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
<b>Anthracene</b>	<b>0.20</b>		0.036	0.0060	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
<b>Benzo[a]anthracene</b>	<b>0.55</b>	<b>*3</b>	0.036	0.0049	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
<b>Benzo[a]pyrene</b>	<b>0.61</b>	<b>*3</b>	0.036	0.0070	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
<b>Benzo[b]fluoranthene</b>	<b>1.0</b>	<b>*3</b>	0.036	0.0078	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
<b>Benzo[g,h,i]perylene</b>	<b>0.39</b>	<b>*3</b>	0.036	0.012	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
<b>Benzo[k]fluoranthene</b>	<b>0.38</b>	<b>*3</b>	0.036	0.011	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.037	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
Bis(2-chloroethyl)ether	<0.18	*+	0.18	0.054	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
<b>Bis(2-ethylhexyl) phthalate</b>	<b>0.46</b>	<b>*3</b>	0.18	0.066	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
<b>Butyl benzyl phthalate</b>	<b>1.3</b>	<b>*3</b>	0.18	0.069	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
<b>Carbazole</b>	<b>0.15</b>	<b>J</b>	0.18	0.090	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
<b>Chrysene</b>	<b>0.66</b>	<b>*3</b>	0.036	0.0098	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
<b>Dibenz(a,h)anthracene</b>	<b>0.089</b>	<b>*3</b>	0.036	0.0070	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
<b>Dibenzofuran</b>	<b>0.063</b>	<b>J</b>	0.18	0.042	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
Diethyl phthalate	<0.18		0.18	0.061	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
Dimethyl phthalate	<0.18		0.18	0.047	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
Di-n-butyl phthalate	<0.18		0.18	0.055	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
Di-n-octyl phthalate	<0.18		0.18	0.059	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
<b>Fluoranthene</b>	<b>0.75</b>		0.036	0.0067	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
<b>Fluorene</b>	<b>0.087</b>		0.036	0.0051	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
Hexachlorobenzene	<0.073		0.073	0.0084	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
Hexachlorobutadiene	<0.18		0.18	0.057	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
Hexachlorocyclopentadiene	<0.73		0.73	0.21	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
Hexachloroethane	<0.18		0.18	0.055	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-56(0-2)-052721**

**Lab Sample ID: 500-199832-3**

Date Collected: 05/27/21 08:25

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 91.5

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.40</b>	<b>*3</b>	0.036	0.0093	mg/Kg	☼	06/03/21 07:33	06/04/21 01:54	1
Isophorone	<0.18		0.18	0.040	mg/Kg	☼	06/03/21 07:33	06/04/21 01:54	1
<b>Naphthalene</b>	<b>0.072</b>		0.036	0.0055	mg/Kg	☼	06/03/21 07:33	06/04/21 01:54	1
Nitrobenzene	<0.036		0.036	0.0090	mg/Kg	☼	06/03/21 07:33	06/04/21 01:54	1
N-Nitrosodi-n-propylamine	<0.073		0.073	0.044	mg/Kg	☼	06/03/21 07:33	06/04/21 01:54	1
N-Nitrosodiphenylamine	<0.18		0.18	0.043	mg/Kg	☼	06/03/21 07:33	06/04/21 01:54	1
Pentachlorophenol	<0.73	*-	0.73	0.58	mg/Kg	☼	06/03/21 07:33	06/04/21 01:54	1
<b>Phenanthrene</b>	<b>0.86</b>		0.036	0.0050	mg/Kg	☼	06/03/21 07:33	06/04/21 01:54	1
Phenol	<0.18		0.18	0.080	mg/Kg	☼	06/03/21 07:33	06/04/21 01:54	1
<b>Pyrene</b>	<b>1.9</b>	<b>*3</b>	0.036	0.0072	mg/Kg	☼	06/03/21 07:33	06/04/21 01:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	66		31 - 143				06/03/21 07:33	06/04/21 01:54	1
2-Fluorobiphenyl	94		43 - 145				06/03/21 07:33	06/04/21 01:54	1
2-Fluorophenol	103		31 - 166				06/03/21 07:33	06/04/21 01:54	1
Nitrobenzene-d5	90		37 - 147				06/03/21 07:33	06/04/21 01:54	1
Phenol-d5	99		30 - 153				06/03/21 07:33	06/04/21 01:54	1
Terphenyl-d14	201	*3 S1+	42 - 157				06/03/21 07:33	06/04/21 01:54	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:28	06/04/21 10:50	1
<b>Barium</b>	<b>0.47</b>	<b>J</b>	0.50	0.050	mg/L		06/03/21 18:28	06/04/21 10:50	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:28	06/04/21 10:50	1
<b>Cadmium</b>	<b>0.0028</b>	<b>J</b>	0.0050	0.0020	mg/L		06/03/21 18:28	06/04/21 10:50	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 10:50	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 10:50	1
<b>Copper</b>	<b>0.015</b>	<b>J</b>	0.025	0.010	mg/L		06/03/21 18:28	06/04/21 10:50	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:28	06/04/21 10:50	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/21 18:28	06/04/21 10:50	1
<b>Manganese</b>	<b>1.3</b>		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 10:50	1
Nickel	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 10:50	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:28	06/04/21 10:50	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 10:50	1
<b>Zinc</b>	<b>0.50</b>		0.50	0.020	mg/L		06/03/21 18:28	06/04/21 10:50	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.020</b>	<b>J</b>	0.050	0.010	mg/L		06/03/21 18:31	06/04/21 11:51	1
<b>Barium</b>	<b>0.19</b>	<b>J</b>	0.50	0.050	mg/L		06/03/21 18:31	06/04/21 11:51	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:31	06/04/21 11:51	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:31	06/04/21 11:51	1
<b>Chromium</b>	<b>0.048</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:51	1
<b>Cobalt</b>	<b>0.016</b>	<b>J</b>	0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:51	1
<b>Copper</b>	<b>0.074</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:51	1
<b>Iron</b>	<b>49</b>		0.40	0.20	mg/L		06/03/21 18:31	06/04/21 11:51	1
<b>Lead</b>	<b>0.082</b>		0.0075	0.0075	mg/L		06/03/21 18:31	06/04/21 11:51	1
<b>Manganese</b>	<b>0.40</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:51	1
<b>Nickel</b>	<b>0.051</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:51	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:31	06/04/21 11:51	1

Eurofins TestAmerica, Chicago



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-56(0-2)-052721**

**Lab Sample ID: 500-199832-3**

Date Collected: 05/27/21 08:25

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 91.5

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:51	1
<b>Zinc</b>	<b>0.32</b>	<b>J</b>	0.50	0.020	mg/L		06/03/21 18:31	06/04/21 11:51	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Antimony</b>	<b>1.1</b>		1.0	0.20	mg/Kg	☆	06/02/21 17:31	06/03/21 17:12	1
<b>Arsenic</b>	<b>3.3</b>		0.52	0.18	mg/Kg	☆	06/02/21 17:31	06/03/21 17:12	1
<b>Barium</b>	<b>58</b>		0.52	0.059	mg/Kg	☆	06/02/21 17:31	06/03/21 17:12	1
<b>Beryllium</b>	<b>0.40</b>		0.21	0.048	mg/Kg	☆	06/02/21 17:31	06/03/21 17:12	1
<b>Cadmium</b>	<b>0.63</b>		0.10	0.019	mg/Kg	☆	06/02/21 17:31	06/03/21 17:12	1
<b>Calcium</b>	<b>140000</b>	<b>B</b>	52	8.8	mg/Kg	☆	06/02/21 17:31	06/04/21 17:34	5
<b>Chromium</b>	<b>30</b>		0.52	0.26	mg/Kg	☆	06/02/21 17:31	06/03/21 17:12	1
<b>Cobalt</b>	<b>6.2</b>		0.26	0.068	mg/Kg	☆	06/02/21 17:31	06/03/21 17:12	1
<b>Copper</b>	<b>800</b>		0.52	0.15	mg/Kg	☆	06/02/21 17:31	06/04/21 17:31	1
<b>Iron</b>	<b>14000</b>		52	27	mg/Kg	☆	06/02/21 17:31	06/04/21 17:34	5
<b>Lead</b>	<b>190</b>		0.26	0.12	mg/Kg	☆	06/02/21 17:31	06/03/21 17:12	1
<b>Magnesium</b>	<b>83000</b>	<b>B</b>	26	13	mg/Kg	☆	06/02/21 17:31	06/04/21 17:34	5
<b>Manganese</b>	<b>500</b>		0.52	0.075	mg/Kg	☆	06/02/21 17:31	06/03/21 17:12	1
<b>Nickel</b>	<b>19</b>		0.52	0.15	mg/Kg	☆	06/02/21 17:31	06/04/21 17:31	1
<b>Potassium</b>	<b>800</b>		26	9.2	mg/Kg	☆	06/02/21 17:31	06/03/21 17:12	1
Selenium	<0.52		0.52	0.30	mg/Kg	☆	06/02/21 17:31	06/03/21 17:12	1
<b>Silver</b>	<b>0.54</b>		0.26	0.067	mg/Kg	☆	06/02/21 17:31	06/03/21 17:12	1
<b>Sodium</b>	<b>860</b>		52	7.7	mg/Kg	☆	06/02/21 17:31	06/03/21 17:12	1
Thallium	<0.52		0.52	0.26	mg/Kg	☆	06/02/21 17:31	06/03/21 17:12	1
<b>Vanadium</b>	<b>16</b>		0.26	0.061	mg/Kg	☆	06/02/21 17:31	06/03/21 17:12	1
<b>Zinc</b>	<b>310</b>		1.0	0.46	mg/Kg	☆	06/02/21 17:31	06/04/21 17:31	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/21 13:05	06/04/21 11:30	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 10:57	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.016</b>	<b>J</b>	0.017	0.0055	mg/Kg	☆	06/03/21 14:00	06/04/21 07:31	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.6</b>		0.2	0.2	SU			06/03/21 13:55	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-54(0-2)-052721**

**Lab Sample ID: 500-199832-4**

**Date Collected: 05/27/21 08:40**

**Matrix: Solid**

**Date Received: 05/27/21 16:55**

**Percent Solids: 95.7**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.020		0.020	0.0089	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
Benzene	<0.0020		0.0020	0.00052	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
Bromodichloromethane	<0.0020		0.0020	0.00042	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
Bromoform	<0.0020		0.0020	0.00060	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
Bromomethane	<0.0051		0.0051	0.0019	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
Carbon disulfide	<0.0051		0.0051	0.0011	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
Carbon tetrachloride	<0.0020		0.0020	0.00059	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
Chlorobenzene	<0.0020		0.0020	0.00075	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
Chloroethane	<0.0051		0.0051	0.0015	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
Chloroform	<0.0020		0.0020	0.00071	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
Chloromethane	<0.0051		0.0051	0.0021	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00057	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00062	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
Dibromochloromethane	<0.0020		0.0020	0.00067	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
1,1-Dichloroethane	<0.0020		0.0020	0.00070	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
1,2-Dichloroethane	<0.0051		0.0051	0.0016	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
1,1-Dichloroethene	<0.0020		0.0020	0.00070	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
1,2-Dichloropropane	<0.0020		0.0020	0.00053	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
1,3-Dichloropropane, Total	<0.0020		0.0020	0.00072	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
Ethylbenzene	<0.0020		0.0020	0.00098	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
2-Hexanone	<0.0051		0.0051	0.0016	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
Methylene Chloride	<0.0051		0.0051	0.0020	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
Methyl Ethyl Ketone	<0.0051		0.0051	0.0023	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
methyl isobutyl ketone	<0.0051		0.0051	0.0015	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00060	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
Styrene	<0.0020		0.0020	0.00062	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00065	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
Tetrachloroethene	<0.0020		0.0020	0.00069	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
Toluene	<0.0020		0.0020	0.00052	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00090	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00072	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00068	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00088	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
Trichloroethene	<0.0020		0.0020	0.00069	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
Vinyl chloride	<0.0020		0.0020	0.00090	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
Xylenes, Total	<0.0041		0.0041	0.00065	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		75 - 131	05/28/21 17:40	06/02/21 12:46	1
Dibromofluoromethane	101		75 - 126	05/28/21 17:40	06/02/21 12:46	1
1,2-Dichloroethane-d4 (Surr)	110		70 - 134	05/28/21 17:40	06/02/21 12:46	1
Toluene-d8 (Surr)	105		75 - 124	05/28/21 17:40	06/02/21 12:46	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.17		0.17	0.037	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
1,2-Dichlorobenzene	<0.17		0.17	0.041	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
1,3-Dichlorobenzene	<0.17		0.17	0.039	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
1,4-Dichlorobenzene	<0.17		0.17	0.044	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
2,2'-oxybis[1-chloropropane]	<0.17		0.17	0.040	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-54(0-2)-052721**

**Lab Sample ID: 500-199832-4**

**Date Collected: 05/27/21 08:40**

**Matrix: Solid**

**Date Received: 05/27/21 16:55**

**Percent Solids: 95.7**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.34		0.34	0.079	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
2,4,6-Trichlorophenol	<0.34		0.34	0.12	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
2,4-Dichlorophenol	<0.34		0.34	0.082	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
2,4-Dimethylphenol	<0.34		0.34	0.13	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
2,4-Dinitrophenol	<0.70		0.70	0.61	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
2,4-Dinitrotoluene	<0.17		0.17	0.055	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
2,6-Dinitrotoluene	<0.17		0.17	0.068	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
2-Chloronaphthalene	<0.17		0.17	0.038	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
2-Chlorophenol	<0.17	*+	0.17	0.059	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
<b>2-Methylnaphthalene</b>	<b>0.044</b>	<b>J</b>	0.070	0.0064	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
2-Methylphenol	<0.17		0.17	0.055	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
2-Nitroaniline	<0.17		0.17	0.046	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
2-Nitrophenol	<0.34		0.34	0.082	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
3 & 4 Methylphenol	<0.17		0.17	0.058	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
3,3'-Dichlorobenzidine	<0.17	*3	0.17	0.048	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
3-Nitroaniline	<0.34		0.34	0.11	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
4,6-Dinitro-2-methylphenol	<0.70		0.70	0.28	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
4-Bromophenyl phenyl ether	<0.17		0.17	0.046	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
4-Chloro-3-methylphenol	<0.34		0.34	0.12	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
4-Chloroaniline	<0.70		0.70	0.16	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
4-Chlorophenyl phenyl ether	<0.17		0.17	0.040	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
4-Nitroaniline	<0.34		0.34	0.14	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
4-Nitrophenol	<0.70		0.70	0.33	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
<b>Acenaphthene</b>	<b>0.085</b>		0.034	0.0062	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
<b>Acenaphthylene</b>	<b>0.038</b>		0.034	0.0046	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
<b>Anthracene</b>	<b>0.34</b>		0.034	0.0058	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
<b>Benzo[a]anthracene</b>	<b>1.5</b>	<b>*3</b>	0.034	0.0046	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
<b>Benzo[a]pyrene</b>	<b>1.5</b>	<b>*3</b>	0.034	0.0067	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
<b>Benzo[b]fluoranthene</b>	<b>1.6</b>	<b>*3</b>	0.034	0.0075	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
<b>Benzo[g,h,i]perylene</b>	<b>0.80</b>	<b>*3</b>	0.034	0.011	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
<b>Benzo[k]fluoranthene</b>	<b>1.5</b>	<b>*3</b>	0.034	0.010	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
Bis(2-chloroethoxy)methane	<0.17		0.17	0.035	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
Bis(2-chloroethyl)ether	<0.17	*+	0.17	0.052	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
<b>Butyl benzyl phthalate</b>	<b>0.13</b>	<b>J *3</b>	0.17	0.066	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
<b>Carbazole</b>	<b>0.14</b>	<b>J</b>	0.17	0.086	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
<b>Chrysene</b>	<b>1.5</b>	<b>*3</b>	0.034	0.0094	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
<b>Dibenz(a,h)anthracene</b>	<b>0.17</b>	<b>*3</b>	0.034	0.0067	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
<b>Dibenzofuran</b>	<b>0.056</b>	<b>J</b>	0.17	0.040	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
Diethyl phthalate	<0.17		0.17	0.059	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
Dimethyl phthalate	<0.17		0.17	0.045	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
Di-n-butyl phthalate	<0.17		0.17	0.053	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
Di-n-octyl phthalate	<0.17		0.17	0.056	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
<b>Fluoranthene</b>	<b>1.7</b>		0.034	0.0064	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
<b>Fluorene</b>	<b>0.082</b>		0.034	0.0049	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
Hexachlorobenzene	<0.070		0.070	0.0080	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
Hexachlorobutadiene	<0.17		0.17	0.054	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
Hexachlorocyclopentadiene	<0.70		0.70	0.20	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
Hexachloroethane	<0.17		0.17	0.053	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.83</b>	<b>*3</b>	0.034	0.0090	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1

Euofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-54(0-2)-052721**

**Lab Sample ID: 500-199832-4**

Date Collected: 05/27/21 08:40

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 95.7

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isophorone	<0.17		0.17	0.039	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
<b>Naphthalene</b>	<b>0.10</b>		0.034	0.0053	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
Nitrobenzene	<0.034		0.034	0.0086	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
N-Nitrosodi-n-propylamine	<0.070		0.070	0.042	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
N-Nitrosodiphenylamine	<0.17		0.17	0.041	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
Pentachlorophenol	<0.70	*	0.70	0.55	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
<b>Phenanthrene</b>	<b>1.3</b>		0.034	0.0048	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
Phenol	<0.17		0.17	0.077	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	63		31 - 143	06/03/21 07:33	06/04/21 02:14	1
2-Fluorobiphenyl	91		43 - 145	06/03/21 07:33	06/04/21 02:14	1
2-Fluorophenol	96		31 - 166	06/03/21 07:33	06/04/21 02:14	1
Nitrobenzene-d5	84		37 - 147	06/03/21 07:33	06/04/21 02:14	1
Phenol-d5	92		30 - 153	06/03/21 07:33	06/04/21 02:14	1
Terphenyl-d14	194	*3 S1+	42 - 157	06/03/21 07:33	06/04/21 02:14	1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Bis(2-ethylhexyl) phthalate</b>	<b>1.2</b>		0.69	0.25	mg/Kg	☼	06/03/21 07:33	06/04/21 15:49	4
<b>Pyrene</b>	<b>2.5</b>		0.14	0.027	mg/Kg	☼	06/03/21 07:33	06/04/21 15:49	4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	75		31 - 143	06/03/21 07:33	06/04/21 15:49	4
2-Fluorobiphenyl	74		43 - 145	06/03/21 07:33	06/04/21 15:49	4
2-Fluorophenol	66		31 - 166	06/03/21 07:33	06/04/21 15:49	4
Nitrobenzene-d5	63		37 - 147	06/03/21 07:33	06/04/21 15:49	4
Phenol-d5	68		30 - 153	06/03/21 07:33	06/04/21 15:49	4
Terphenyl-d14	94		42 - 157	06/03/21 07:33	06/04/21 15:49	4

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:28	06/04/21 10:54	1
<b>Barium</b>	<b>0.51</b>		0.50	0.050	mg/L		06/03/21 18:28	06/04/21 10:54	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:28	06/04/21 10:54	1
<b>Cadmium</b>	<b>0.0040</b>	<b>J</b>	0.0050	0.0020	mg/L		06/03/21 18:28	06/04/21 10:54	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 10:54	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 10:54	1
<b>Copper</b>	<b>0.020</b>	<b>J</b>	0.025	0.010	mg/L		06/03/21 18:28	06/04/21 10:54	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:28	06/04/21 10:54	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/21 18:28	06/04/21 10:54	1
<b>Manganese</b>	<b>1.6</b>		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 10:54	1
<b>Nickel</b>	<b>0.030</b>		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 10:54	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:28	06/04/21 10:54	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 10:54	1
<b>Zinc</b>	<b>0.81</b>		0.50	0.020	mg/L		06/03/21 18:28	06/04/21 10:54	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:31	06/04/21 11:54	1
<b>Barium</b>	<b>0.086</b>	<b>J</b>	0.50	0.050	mg/L		06/03/21 18:31	06/04/21 11:54	1

Euofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-54(0-2)-052721**

**Lab Sample ID: 500-199832-4**

Date Collected: 05/27/21 08:40

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 95.7

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:31	06/04/21 11:54	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:31	06/04/21 11:54	1
<b>Chromium</b>	<b>0.019</b>	<b>J</b>	0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:54	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:54	1
<b>Copper</b>	<b>0.049</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:54	1
<b>Iron</b>	<b>10</b>		0.40	0.20	mg/L		06/03/21 18:31	06/04/21 11:54	1
<b>Lead</b>	<b>0.069</b>		0.0075	0.0075	mg/L		06/03/21 18:31	06/04/21 11:54	1
<b>Manganese</b>	<b>0.21</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:54	1
<b>Nickel</b>	<b>0.020</b>	<b>J</b>	0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:54	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:31	06/04/21 11:54	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:54	1
<b>Zinc</b>	<b>0.24</b>	<b>J</b>	0.50	0.020	mg/L		06/03/21 18:31	06/04/21 11:54	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Antimony</b>	<b>0.74</b>	<b>J</b>	0.96	0.19	mg/Kg	✱	06/02/21 17:31	06/03/21 17:15	1
<b>Arsenic</b>	<b>2.5</b>		0.48	0.16	mg/Kg	✱	06/02/21 17:31	06/03/21 17:15	1
<b>Barium</b>	<b>71</b>		0.48	0.055	mg/Kg	✱	06/02/21 17:31	06/03/21 17:15	1
<b>Beryllium</b>	<b>0.38</b>		0.19	0.045	mg/Kg	✱	06/02/21 17:31	06/03/21 17:15	1
<b>Cadmium</b>	<b>0.58</b>		0.096	0.017	mg/Kg	✱	06/02/21 17:31	06/03/21 17:15	1
<b>Calcium</b>	<b>170000</b>	<b>B</b>	96	16	mg/Kg	✱	06/02/21 17:31	06/07/21 12:41	10
<b>Chromium</b>	<b>32</b>		0.48	0.24	mg/Kg	✱	06/02/21 17:31	06/03/21 17:15	1
<b>Cobalt</b>	<b>3.4</b>		0.24	0.063	mg/Kg	✱	06/02/21 17:31	06/03/21 17:15	1
<b>Copper</b>	<b>36</b>		0.48	0.13	mg/Kg	✱	06/02/21 17:31	06/03/21 17:15	1
<b>Iron</b>	<b>14000</b>		48	25	mg/Kg	✱	06/02/21 17:31	06/04/21 17:42	5
<b>Lead</b>	<b>70</b>		0.24	0.11	mg/Kg	✱	06/02/21 17:31	06/03/21 17:15	1
<b>Magnesium</b>	<b>88000</b>	<b>B</b>	24	12	mg/Kg	✱	06/02/21 17:31	06/04/21 17:42	5
<b>Manganese</b>	<b>470</b>		0.48	0.070	mg/Kg	✱	06/02/21 17:31	06/03/21 17:15	1
<b>Nickel</b>	<b>20</b>		0.48	0.14	mg/Kg	✱	06/02/21 17:31	06/04/21 17:38	1
<b>Potassium</b>	<b>650</b>		24	8.5	mg/Kg	✱	06/02/21 17:31	06/03/21 17:15	1
Selenium	<0.48		0.48	0.28	mg/Kg	✱	06/02/21 17:31	06/03/21 17:15	1
<b>Silver</b>	<b>0.23</b>	<b>J</b>	0.24	0.062	mg/Kg	✱	06/02/21 17:31	06/03/21 17:15	1
<b>Sodium</b>	<b>740</b>		48	7.1	mg/Kg	✱	06/02/21 17:31	06/03/21 17:15	1
Thallium	<2.4		2.4	1.2	mg/Kg	✱	06/02/21 17:31	06/04/21 17:42	5
<b>Vanadium</b>	<b>20</b>		0.24	0.057	mg/Kg	✱	06/02/21 17:31	06/03/21 17:15	1
<b>Zinc</b>	<b>180</b>		0.96	0.42	mg/Kg	✱	06/02/21 17:31	06/04/21 17:38	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/21 13:05	06/04/21 11:32	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 10:59	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.014</b>	<b>J</b>	0.017	0.0056	mg/Kg	✱	06/03/21 14:00	06/04/21 07:33	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-54(0-2)-052721**

**Lab Sample ID: 500-199832-4**

Date Collected: 05/27/21 08:40

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 95.7

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.6		0.2	0.2	SU			06/03/21 13:56	1

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-52(0-2)-052721**

**Lab Sample ID: 500-199832-5**

**Date Collected: 05/27/21 09:00**

**Matrix: Solid**

**Date Received: 05/27/21 16:55**

**Percent Solids: 91.5**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.021		0.021	0.0091	mg/Kg	✱	05/28/21 17:40	06/02/21 13:12	1
Benzene	<0.0021		0.0021	0.00053	mg/Kg	✱	05/28/21 17:40	06/02/21 13:12	1
Bromodichloromethane	<0.0021		0.0021	0.00042	mg/Kg	✱	05/28/21 17:40	06/02/21 13:12	1
Bromoform	<0.0021		0.0021	0.00061	mg/Kg	✱	05/28/21 17:40	06/02/21 13:12	1
Bromomethane	<0.0052		0.0052	0.0020	mg/Kg	✱	05/28/21 17:40	06/02/21 13:12	1
Carbon disulfide	<0.0052		0.0052	0.0011	mg/Kg	✱	05/28/21 17:40	06/02/21 13:12	1
Carbon tetrachloride	<0.0021		0.0021	0.00060	mg/Kg	✱	05/28/21 17:40	06/02/21 13:12	1
Chlorobenzene	<0.0021		0.0021	0.00077	mg/Kg	✱	05/28/21 17:40	06/02/21 13:12	1
Chloroethane	<0.0052		0.0052	0.0015	mg/Kg	✱	05/28/21 17:40	06/02/21 13:12	1
Chloroform	<0.0021		0.0021	0.00072	mg/Kg	✱	05/28/21 17:40	06/02/21 13:12	1
Chloromethane	<0.0052		0.0052	0.0021	mg/Kg	✱	05/28/21 17:40	06/02/21 13:12	1
cis-1,2-Dichloroethene	<0.0021		0.0021	0.00058	mg/Kg	✱	05/28/21 17:40	06/02/21 13:12	1
cis-1,3-Dichloropropene	<0.0021		0.0021	0.00063	mg/Kg	✱	05/28/21 17:40	06/02/21 13:12	1
Dibromochloromethane	<0.0021		0.0021	0.00068	mg/Kg	✱	05/28/21 17:40	06/02/21 13:12	1
1,1-Dichloroethane	<0.0021		0.0021	0.00071	mg/Kg	✱	05/28/21 17:40	06/02/21 13:12	1
1,2-Dichloroethane	<0.0052		0.0052	0.0016	mg/Kg	✱	05/28/21 17:40	06/02/21 13:12	1
1,1-Dichloroethene	<0.0021		0.0021	0.00072	mg/Kg	✱	05/28/21 17:40	06/02/21 13:12	1
1,2-Dichloropropane	<0.0021		0.0021	0.00054	mg/Kg	✱	05/28/21 17:40	06/02/21 13:12	1
1,3-Dichloropropane, Total	<0.0021		0.0021	0.00073	mg/Kg	✱	05/28/21 17:40	06/02/21 13:12	1
Ethylbenzene	<0.0021		0.0021	0.0010	mg/Kg	✱	05/28/21 17:40	06/02/21 13:12	1
2-Hexanone	<0.0052		0.0052	0.0016	mg/Kg	✱	05/28/21 17:40	06/02/21 13:12	1
Methylene Chloride	<0.0052		0.0052	0.0021	mg/Kg	✱	05/28/21 17:40	06/02/21 13:12	1
Methyl Ethyl Ketone	<0.0052		0.0052	0.0023	mg/Kg	✱	05/28/21 17:40	06/02/21 13:12	1
methyl isobutyl ketone	<0.0052		0.0052	0.0015	mg/Kg	✱	05/28/21 17:40	06/02/21 13:12	1
Methyl tert-butyl ether	<0.0021		0.0021	0.00061	mg/Kg	✱	05/28/21 17:40	06/02/21 13:12	1
Styrene	<0.0021		0.0021	0.00063	mg/Kg	✱	05/28/21 17:40	06/02/21 13:12	1
1,1,2,2-Tetrachloroethane	<0.0021		0.0021	0.00067	mg/Kg	✱	05/28/21 17:40	06/02/21 13:12	1
Tetrachloroethene	<0.0021		0.0021	0.00071	mg/Kg	✱	05/28/21 17:40	06/02/21 13:12	1
Toluene	<0.0021		0.0021	0.00053	mg/Kg	✱	05/28/21 17:40	06/02/21 13:12	1
trans-1,2-Dichloroethene	<0.0021		0.0021	0.00092	mg/Kg	✱	05/28/21 17:40	06/02/21 13:12	1
trans-1,3-Dichloropropene	<0.0021		0.0021	0.00073	mg/Kg	✱	05/28/21 17:40	06/02/21 13:12	1
1,1,1-Trichloroethane	<0.0021		0.0021	0.00070	mg/Kg	✱	05/28/21 17:40	06/02/21 13:12	1
1,1,2-Trichloroethane	<0.0021		0.0021	0.00089	mg/Kg	✱	05/28/21 17:40	06/02/21 13:12	1
Trichloroethene	<0.0021		0.0021	0.00070	mg/Kg	✱	05/28/21 17:40	06/02/21 13:12	1
Vinyl chloride	<0.0021		0.0021	0.00092	mg/Kg	✱	05/28/21 17:40	06/02/21 13:12	1
Xylenes, Total	<0.0042		0.0042	0.00067	mg/Kg	✱	05/28/21 17:40	06/02/21 13:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		75 - 131	05/28/21 17:40	06/02/21 13:12	1
Dibromofluoromethane	103		75 - 126	05/28/21 17:40	06/02/21 13:12	1
1,2-Dichloroethane-d4 (Surr)	116		70 - 134	05/28/21 17:40	06/02/21 13:12	1
Toluene-d8 (Surr)	105		75 - 124	05/28/21 17:40	06/02/21 13:12	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.038	mg/Kg	✱	06/03/21 07:33	06/04/21 01:34	1
1,2-Dichlorobenzene	<0.18		0.18	0.043	mg/Kg	✱	06/03/21 07:33	06/04/21 01:34	1
1,3-Dichlorobenzene	<0.18		0.18	0.040	mg/Kg	✱	06/03/21 07:33	06/04/21 01:34	1
1,4-Dichlorobenzene	<0.18		0.18	0.046	mg/Kg	✱	06/03/21 07:33	06/04/21 01:34	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.041	mg/Kg	✱	06/03/21 07:33	06/04/21 01:34	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-52(0-2)-052721**

**Lab Sample ID: 500-199832-5**

Date Collected: 05/27/21 09:00

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 91.5

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.35		0.35	0.081	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
2,4,6-Trichlorophenol	<0.35		0.35	0.12	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
2,4-Dichlorophenol	<0.35		0.35	0.085	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
2,4-Dimethylphenol	<0.35		0.35	0.14	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
2,4-Dinitrophenol	<0.72		0.72	0.63	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
2,4-Dinitrotoluene	<0.18		0.18	0.057	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
2,6-Dinitrotoluene	<0.18		0.18	0.070	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
2-Chloronaphthalene	<0.18		0.18	0.039	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
2-Chlorophenol	<0.18	*+	0.18	0.061	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
<b>2-Methylnaphthalene</b>	<b>0.022</b>	<b>J</b>	0.072	0.0066	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
2-Methylphenol	<0.18		0.18	0.057	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
2-Nitroaniline	<0.18		0.18	0.048	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
2-Nitrophenol	<0.35		0.35	0.084	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
3 & 4 Methylphenol	<0.18		0.18	0.060	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
3,3'-Dichlorobenzidine	<0.18	*3	0.18	0.050	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
3-Nitroaniline	<0.35		0.35	0.11	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
4,6-Dinitro-2-methylphenol	<0.72		0.72	0.29	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.047	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
4-Chloro-3-methylphenol	<0.35		0.35	0.12	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
4-Chloroaniline	<0.72		0.72	0.17	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.042	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
4-Nitroaniline	<0.35		0.35	0.15	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
4-Nitrophenol	<0.72		0.72	0.34	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
<b>Acenaphthene</b>	<b>0.071</b>		0.035	0.0064	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
<b>Acenaphthylene</b>	<b>0.031</b>	<b>J</b>	0.035	0.0047	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
<b>Anthracene</b>	<b>0.15</b>		0.035	0.0060	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
<b>Benzo[a]anthracene</b>	<b>0.69</b>	<b>*3</b>	0.035	0.0048	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
<b>Benzo[a]pyrene</b>	<b>0.77</b>	<b>*3</b>	0.035	0.0069	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
<b>Benzo[b]fluoranthene</b>	<b>1.3</b>	<b>*3</b>	0.035	0.0077	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
<b>Benzo[g,h,i]perylene</b>	<b>0.52</b>	<b>*3</b>	0.035	0.011	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
<b>Benzo[k]fluoranthene</b>	<b>0.53</b>	<b>*3</b>	0.035	0.011	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.036	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
Bis(2-chloroethyl)ether	<0.18	*+	0.18	0.053	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
<b>Bis(2-ethylhexyl) phthalate</b>	<b>0.19</b>	<b>*3</b>	0.18	0.065	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
<b>Butyl benzyl phthalate</b>	<b>0.089</b>	<b>J *3</b>	0.18	0.068	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
<b>Carbazole</b>	<b>0.20</b>		0.18	0.089	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
<b>Chrysene</b>	<b>0.90</b>	<b>*3</b>	0.035	0.0097	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
<b>Dibenz(a,h)anthracene</b>	<b>0.13</b>	<b>*3</b>	0.035	0.0069	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
<b>Dibenzofuran</b>	<b>0.053</b>	<b>J</b>	0.18	0.042	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
Diethyl phthalate	<0.18		0.18	0.060	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
Dimethyl phthalate	<0.18		0.18	0.047	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
Di-n-butyl phthalate	<0.18		0.18	0.054	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
Di-n-octyl phthalate	<0.18		0.18	0.058	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
<b>Fluoranthene</b>	<b>1.2</b>		0.035	0.0066	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
<b>Fluorene</b>	<b>0.070</b>		0.035	0.0050	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
Hexachlorobenzene	<0.072		0.072	0.0083	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
Hexachlorobutadiene	<0.18		0.18	0.056	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
Hexachlorocyclopentadiene	<0.72		0.72	0.21	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
Hexachloroethane	<0.18		0.18	0.054	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1

Eurofins TestAmerica, Chicago



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-52(0-2)-052721**

**Lab Sample ID: 500-199832-5**

Date Collected: 05/27/21 09:00

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 91.5

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.43</b>	<b>*3</b>	0.035	0.0092	mg/Kg	☆	06/03/21 07:33	06/04/21 01:34	1
Isophorone	<0.18		0.18	0.040	mg/Kg	☆	06/03/21 07:33	06/04/21 01:34	1
<b>Naphthalene</b>	<b>0.046</b>		0.035	0.0055	mg/Kg	☆	06/03/21 07:33	06/04/21 01:34	1
Nitrobenzene	<0.035		0.035	0.0089	mg/Kg	☆	06/03/21 07:33	06/04/21 01:34	1
N-Nitrosodi-n-propylamine	<0.072		0.072	0.044	mg/Kg	☆	06/03/21 07:33	06/04/21 01:34	1
N-Nitrosodiphenylamine	<0.18		0.18	0.042	mg/Kg	☆	06/03/21 07:33	06/04/21 01:34	1
Pentachlorophenol	<0.72	*-	0.72	0.57	mg/Kg	☆	06/03/21 07:33	06/04/21 01:34	1
<b>Phenanthrene</b>	<b>1.3</b>		0.035	0.0050	mg/Kg	☆	06/03/21 07:33	06/04/21 01:34	1
Phenol	<0.18		0.18	0.079	mg/Kg	☆	06/03/21 07:33	06/04/21 01:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	72		31 - 143				06/03/21 07:33	06/04/21 01:34	1
2-Fluorobiphenyl	94		43 - 145				06/03/21 07:33	06/04/21 01:34	1
2-Fluorophenol	97		31 - 166				06/03/21 07:33	06/04/21 01:34	1
Nitrobenzene-d5	86		37 - 147				06/03/21 07:33	06/04/21 01:34	1
Phenol-d5	97		30 - 153				06/03/21 07:33	06/04/21 01:34	1
Terphenyl-d14	218	*3 S1+	42 - 157				06/03/21 07:33	06/04/21 01:34	1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Pyrene</b>	<b>1.4</b>		0.071	0.014	mg/Kg	☆	06/03/21 07:33	06/04/21 16:09	2
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	88		31 - 143				06/03/21 07:33	06/04/21 16:09	2
2-Fluorobiphenyl	82		43 - 145				06/03/21 07:33	06/04/21 16:09	2
2-Fluorophenol	64		31 - 166				06/03/21 07:33	06/04/21 16:09	2
Nitrobenzene-d5	65		37 - 147				06/03/21 07:33	06/04/21 16:09	2
Phenol-d5	73		30 - 153				06/03/21 07:33	06/04/21 16:09	2
Terphenyl-d14	98		42 - 157				06/03/21 07:33	06/04/21 16:09	2

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:28	06/04/21 11:01	1
<b>Barium</b>	<b>0.55</b>		0.50	0.050	mg/L		06/03/21 18:28	06/04/21 11:01	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:28	06/04/21 11:01	1
<b>Cadmium</b>	<b>0.0034</b>	<b>J</b>	0.0050	0.0020	mg/L		06/03/21 18:28	06/04/21 11:01	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:01	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:01	1
Copper	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:01	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:28	06/04/21 11:01	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/21 18:28	06/04/21 11:01	1
<b>Manganese</b>	<b>0.87</b>		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:01	1
<b>Nickel</b>	<b>0.011</b>	<b>J</b>	0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:01	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:28	06/04/21 11:01	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:01	1
<b>Zinc</b>	<b>0.33</b>	<b>J</b>	0.50	0.020	mg/L		06/03/21 18:28	06/04/21 11:01	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.042</b>	<b>J</b>	0.050	0.010	mg/L		06/03/21 18:31	06/04/21 11:57	1
<b>Barium</b>	<b>0.47</b>	<b>J</b>	0.50	0.050	mg/L		06/03/21 18:31	06/04/21 11:57	1

Euofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-52(0-2)-052721**

**Lab Sample ID: 500-199832-5**

Date Collected: 05/27/21 09:00

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 91.5

## Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Beryllium</b>	<b>0.0053</b>		0.0040	0.0040	mg/L		06/03/21 18:31	06/04/21 11:57	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:31	06/04/21 11:57	1
<b>Chromium</b>	<b>0.10</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:57	1
<b>Cobalt</b>	<b>0.033</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:57	1
<b>Copper</b>	<b>0.13</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:57	1
<b>Iron</b>	<b>100</b>		0.40	0.20	mg/L		06/03/21 18:31	06/04/21 11:57	1
<b>Lead</b>	<b>0.28</b>		0.0075	0.0075	mg/L		06/03/21 18:31	06/04/21 11:57	1
<b>Manganese</b>	<b>0.60</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:57	1
<b>Nickel</b>	<b>0.10</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:57	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:31	06/04/21 11:57	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:57	1
<b>Zinc</b>	<b>0.59</b>		0.50	0.020	mg/L		06/03/21 18:31	06/04/21 11:57	1

## Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Antimony</b>	<b>1.1</b>		1.1	0.21	mg/Kg	✱	06/02/21 17:31	06/03/21 17:19	1
<b>Arsenic</b>	<b>5.6</b>		0.54	0.19	mg/Kg	✱	06/02/21 17:31	06/03/21 17:19	1
<b>Barium</b>	<b>120</b>		0.54	0.062	mg/Kg	✱	06/02/21 17:31	06/03/21 17:19	1
<b>Beryllium</b>	<b>0.59</b>		0.22	0.051	mg/Kg	✱	06/02/21 17:31	06/03/21 17:19	1
<b>Cadmium</b>	<b>0.80</b>		0.11	0.020	mg/Kg	✱	06/02/21 17:31	06/03/21 17:19	1
<b>Calcium</b>	<b>94000</b>	<b>B</b>	54	9.2	mg/Kg	✱	06/02/21 17:31	06/04/21 17:57	5
<b>Chromium</b>	<b>28</b>		0.54	0.27	mg/Kg	✱	06/02/21 17:31	06/03/21 17:19	1
<b>Cobalt</b>	<b>8.3</b>		0.27	0.071	mg/Kg	✱	06/02/21 17:31	06/03/21 17:19	1
<b>Copper</b>	<b>35</b>		0.54	0.15	mg/Kg	✱	06/02/21 17:31	06/03/21 17:19	1
<b>Iron</b>	<b>21000</b>		54	28	mg/Kg	✱	06/02/21 17:31	06/04/21 17:57	5
<b>Lead</b>	<b>99</b>		0.27	0.13	mg/Kg	✱	06/02/21 17:31	06/03/21 17:19	1
<b>Magnesium</b>	<b>55000</b>	<b>B</b>	27	13	mg/Kg	✱	06/02/21 17:31	06/04/21 17:57	5
<b>Manganese</b>	<b>470</b>		0.54	0.079	mg/Kg	✱	06/02/21 17:31	06/03/21 17:19	1
<b>Nickel</b>	<b>24</b>		0.54	0.16	mg/Kg	✱	06/02/21 17:31	06/04/21 17:53	1
<b>Potassium</b>	<b>1200</b>		27	9.6	mg/Kg	✱	06/02/21 17:31	06/03/21 17:19	1
Selenium	<0.54		0.54	0.32	mg/Kg	✱	06/02/21 17:31	06/03/21 17:19	1
<b>Silver</b>	<b>0.32</b>		0.27	0.070	mg/Kg	✱	06/02/21 17:31	06/03/21 17:19	1
<b>Sodium</b>	<b>1400</b>		54	8.0	mg/Kg	✱	06/02/21 17:31	06/03/21 17:19	1
Thallium	<0.54		0.54	0.27	mg/Kg	✱	06/02/21 17:31	06/03/21 17:19	1
<b>Vanadium</b>	<b>20</b>		0.27	0.064	mg/Kg	✱	06/02/21 17:31	06/03/21 17:19	1
<b>Zinc</b>	<b>200</b>		1.1	0.48	mg/Kg	✱	06/02/21 17:31	06/04/21 17:53	1

## Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/21 13:05	06/04/21 11:34	1

## Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 11:01	1

## Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.034</b>		0.018	0.0058	mg/Kg	✱	06/03/21 14:00	06/04/21 07:35	1

Euofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-52(0-2)-052721**

**Lab Sample ID: 500-199832-5**

**Date Collected: 05/27/21 09:00**

**Matrix: Solid**

**Date Received: 05/27/21 16:55**

**Percent Solids: 91.5**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.4		0.2	0.2	SU			06/03/21 13:58	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-50(0-2)-052721**

**Lab Sample ID: 500-199832-6**

**Date Collected: 05/27/21 09:10**

**Matrix: Solid**

**Date Received: 05/27/21 16:55**

**Percent Solids: 88.4**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0071	mg/Kg	✱	05/28/21 17:40	06/02/21 19:08	1
Benzene	<0.0016		0.0016	0.00042	mg/Kg	✱	05/28/21 17:40	06/02/21 19:08	1
Bromodichloromethane	<0.0016		0.0016	0.00033	mg/Kg	✱	05/28/21 17:40	06/02/21 19:08	1
Bromoform	<0.0016		0.0016	0.00048	mg/Kg	✱	05/28/21 17:40	06/02/21 19:08	1
Bromomethane	<0.0041		0.0041	0.0015	mg/Kg	✱	05/28/21 17:40	06/02/21 19:08	1
Carbon disulfide	<0.0041		0.0041	0.00085	mg/Kg	✱	05/28/21 17:40	06/02/21 19:08	1
Carbon tetrachloride	<0.0016		0.0016	0.00047	mg/Kg	✱	05/28/21 17:40	06/02/21 19:08	1
Chlorobenzene	<0.0016		0.0016	0.00060	mg/Kg	✱	05/28/21 17:40	06/02/21 19:08	1
Chloroethane	<0.0041		0.0041	0.0012	mg/Kg	✱	05/28/21 17:40	06/02/21 19:08	1
Chloroform	<0.0016		0.0016	0.00057	mg/Kg	✱	05/28/21 17:40	06/02/21 19:08	1
Chloromethane	<0.0041		0.0041	0.0016	mg/Kg	✱	05/28/21 17:40	06/02/21 19:08	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00046	mg/Kg	✱	05/28/21 17:40	06/02/21 19:08	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00049	mg/Kg	✱	05/28/21 17:40	06/02/21 19:08	1
Dibromochloromethane	<0.0016		0.0016	0.00053	mg/Kg	✱	05/28/21 17:40	06/02/21 19:08	1
1,1-Dichloroethane	<0.0016		0.0016	0.00056	mg/Kg	✱	05/28/21 17:40	06/02/21 19:08	1
1,2-Dichloroethane	<0.0041		0.0041	0.0013	mg/Kg	✱	05/28/21 17:40	06/02/21 19:08	1
1,1-Dichloroethene	<0.0016		0.0016	0.00056	mg/Kg	✱	05/28/21 17:40	06/02/21 19:08	1
1,2-Dichloropropane	<0.0016		0.0016	0.00042	mg/Kg	✱	05/28/21 17:40	06/02/21 19:08	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00057	mg/Kg	✱	05/28/21 17:40	06/02/21 19:08	1
Ethylbenzene	<0.0016		0.0016	0.00078	mg/Kg	✱	05/28/21 17:40	06/02/21 19:08	1
2-Hexanone	<0.0041		0.0041	0.0013	mg/Kg	✱	05/28/21 17:40	06/02/21 19:08	1
Methylene Chloride	<0.0041		0.0041	0.0016	mg/Kg	✱	05/28/21 17:40	06/02/21 19:08	1
Methyl Ethyl Ketone	<0.0041		0.0041	0.0018	mg/Kg	✱	05/28/21 17:40	06/02/21 19:08	1
methyl isobutyl ketone	<0.0041		0.0041	0.0012	mg/Kg	✱	05/28/21 17:40	06/02/21 19:08	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00048	mg/Kg	✱	05/28/21 17:40	06/02/21 19:08	1
Styrene	<0.0016		0.0016	0.00049	mg/Kg	✱	05/28/21 17:40	06/02/21 19:08	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00052	mg/Kg	✱	05/28/21 17:40	06/02/21 19:08	1
Tetrachloroethene	<0.0016		0.0016	0.00056	mg/Kg	✱	05/28/21 17:40	06/02/21 19:08	1
Toluene	<0.0016		0.0016	0.00041	mg/Kg	✱	05/28/21 17:40	06/02/21 19:08	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00072	mg/Kg	✱	05/28/21 17:40	06/02/21 19:08	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00057	mg/Kg	✱	05/28/21 17:40	06/02/21 19:08	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00055	mg/Kg	✱	05/28/21 17:40	06/02/21 19:08	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00070	mg/Kg	✱	05/28/21 17:40	06/02/21 19:08	1
Trichloroethene	<0.0016		0.0016	0.00055	mg/Kg	✱	05/28/21 17:40	06/02/21 19:08	1
Vinyl chloride	<0.0016		0.0016	0.00072	mg/Kg	✱	05/28/21 17:40	06/02/21 19:08	1
Xylenes, Total	<0.0033		0.0033	0.00052	mg/Kg	✱	05/28/21 17:40	06/02/21 19:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		75 - 131	05/28/21 17:40	06/02/21 19:08	1
Dibromofluoromethane	99		75 - 126	05/28/21 17:40	06/02/21 19:08	1
1,2-Dichloroethane-d4 (Surr)	98		70 - 134	05/28/21 17:40	06/02/21 19:08	1
Toluene-d8 (Surr)	94		75 - 124	05/28/21 17:40	06/02/21 19:08	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	✱	06/03/21 07:33	06/04/21 01:14	1
1,2-Dichlorobenzene	<0.19		0.19	0.044	mg/Kg	✱	06/03/21 07:33	06/04/21 01:14	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	✱	06/03/21 07:33	06/04/21 01:14	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	✱	06/03/21 07:33	06/04/21 01:14	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	✱	06/03/21 07:33	06/04/21 01:14	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-50(0-2)-052721**

**Lab Sample ID: 500-199832-6**

Date Collected: 05/27/21 09:10

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 88.4

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.085	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
2,4-Dichlorophenol	<0.37		0.37	0.088	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
2,4-Dinitrophenol	<0.75		0.75	0.65	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
2,4-Dinitrotoluene	<0.19		0.19	0.059	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
2,6-Dinitrotoluene	<0.19		0.19	0.073	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
2-Chlorophenol	<0.19	*+	0.19	0.063	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
<b>2-Methylnaphthalene</b>	<b>0.046</b>	<b>J</b>	0.075	0.0068	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
2-Nitrophenol	<0.37		0.37	0.088	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
3 & 4 Methylphenol	<0.19		0.19	0.062	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
3,3'-Dichlorobenzidine	<0.19	*3	0.19	0.052	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
3-Nitroaniline	<0.37		0.37	0.11	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.30	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
4-Chloroaniline	<0.75		0.75	0.17	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.043	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
4-Nitrophenol	<0.75		0.75	0.35	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
<b>Acenaphthene</b>	<b>0.11</b>		0.037	0.0067	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
<b>Acenaphthylene</b>	<b>0.062</b>		0.037	0.0049	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
<b>Anthracene</b>	<b>0.34</b>		0.037	0.0062	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
<b>Benzo[a]anthracene</b>	<b>0.86</b>	<b>*3</b>	0.037	0.0050	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
<b>Benzo[a]pyrene</b>	<b>0.82</b>	<b>*3</b>	0.037	0.0072	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
<b>Benzo[b]fluoranthene</b>	<b>1.2</b>	<b>*3</b>	0.037	0.0080	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
<b>Benzo[g,h,i]perylene</b>	<b>0.47</b>	<b>*3</b>	0.037	0.012	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
<b>Benzo[k]fluoranthene</b>	<b>0.46</b>	<b>*3</b>	0.037	0.011	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
Bis(2-chloroethyl)ether	<0.19	*+	0.19	0.056	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
<b>Bis(2-ethylhexyl) phthalate</b>	<b>0.18</b>	<b>J *3</b>	0.19	0.068	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
<b>Carbazole</b>	<b>0.14</b>	<b>J</b>	0.19	0.093	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
<b>Chrysene</b>	<b>0.93</b>	<b>*3</b>	0.037	0.010	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
<b>Dibenz(a,h)anthracene</b>	<b>0.10</b>	<b>*3</b>	0.037	0.0072	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
<b>Dibenzofuran</b>	<b>0.092</b>	<b>J</b>	0.19	0.043	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
Diethyl phthalate	<0.19		0.19	0.063	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
Dimethyl phthalate	<0.19		0.19	0.048	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
<b>Di-n-butyl phthalate</b>	<b>0.78</b>		0.19	0.056	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
<b>Fluoranthene</b>	<b>1.3</b>		0.037	0.0069	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
<b>Fluorene</b>	<b>0.19</b>		0.037	0.0052	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
Hexachlorobenzene	<0.075		0.075	0.0086	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
Hexachlorobutadiene	<0.19		0.19	0.058	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
Hexachlorocyclopentadiene	<0.75		0.75	0.21	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
Hexachloroethane	<0.19		0.19	0.056	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.46</b>	<b>*3</b>	0.037	0.0096	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1

Euofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-50(0-2)-052721**

**Lab Sample ID: 500-199832-6**

Date Collected: 05/27/21 09:10

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 88.4

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
<b>Naphthalene</b>	<b>0.057</b>		0.037	0.0057	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
Nitrobenzene	<0.037		0.037	0.0093	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.045	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
Pentachlorophenol	<0.75	*	0.75	0.60	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
<b>Phenanthrene</b>	<b>1.9</b>		0.037	0.0052	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
Phenol	<0.19		0.19	0.082	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	74		31 - 143	06/03/21 07:33	06/04/21 01:14	1
2-Fluorobiphenyl	96		43 - 145	06/03/21 07:33	06/04/21 01:14	1
2-Fluorophenol	101		31 - 166	06/03/21 07:33	06/04/21 01:14	1
Nitrobenzene-d5	89		37 - 147	06/03/21 07:33	06/04/21 01:14	1
Phenol-d5	103		30 - 153	06/03/21 07:33	06/04/21 01:14	1
Terphenyl-d14	226	*3 S1+	42 - 157	06/03/21 07:33	06/04/21 01:14	1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Butyl benzyl phthalate</b>	<b>2.0</b>		0.37	0.14	mg/Kg	☼	06/03/21 07:33	06/04/21 16:29	2
<b>Pyrene</b>	<b>1.8</b>		0.074	0.015	mg/Kg	☼	06/03/21 07:33	06/04/21 16:29	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	90		31 - 143	06/03/21 07:33	06/04/21 16:29	2
2-Fluorobiphenyl	82		43 - 145	06/03/21 07:33	06/04/21 16:29	2
2-Fluorophenol	65		31 - 166	06/03/21 07:33	06/04/21 16:29	2
Nitrobenzene-d5	67		37 - 147	06/03/21 07:33	06/04/21 16:29	2
Phenol-d5	77		30 - 153	06/03/21 07:33	06/04/21 16:29	2
Terphenyl-d14	114		42 - 157	06/03/21 07:33	06/04/21 16:29	2

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:28	06/04/21 11:05	1
<b>Barium</b>	<b>0.57</b>		0.50	0.050	mg/L		06/03/21 18:28	06/04/21 11:05	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:28	06/04/21 11:05	1
<b>Cadmium</b>	<b>0.0037</b>	<b>J</b>	0.0050	0.0020	mg/L		06/03/21 18:28	06/04/21 11:05	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:05	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:05	1
Copper	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:05	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:28	06/04/21 11:05	1
<b>Lead</b>	<b>0.0076</b>		0.0075	0.0075	mg/L		06/03/21 18:28	06/04/21 11:05	1
<b>Manganese</b>	<b>1.1</b>		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:05	1
<b>Nickel</b>	<b>0.010</b>	<b>J</b>	0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:05	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:28	06/04/21 11:05	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:05	1
<b>Zinc</b>	<b>0.19</b>	<b>J</b>	0.50	0.020	mg/L		06/03/21 18:28	06/04/21 11:05	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.040</b>	<b>J</b>	0.050	0.010	mg/L		06/03/21 18:31	06/04/21 12:00	1
<b>Barium</b>	<b>0.72</b>		0.50	0.050	mg/L		06/03/21 18:31	06/04/21 12:00	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-50(0-2)-052721**

**Lab Sample ID: 500-199832-6**

Date Collected: 05/27/21 09:10

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 88.4

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.0068		0.0040	0.0040	mg/L		06/03/21 18:31	06/04/21 12:00	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:31	06/04/21 12:00	1
Chromium	0.16		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:00	1
Cobalt	0.035		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:00	1
Copper	0.14		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:00	1
Iron	150		0.40	0.20	mg/L		06/03/21 18:31	06/04/21 12:00	1
Lead	0.22		0.0075	0.0075	mg/L		06/03/21 18:31	06/04/21 12:00	1
Manganese	0.72		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:00	1
Nickel	0.11		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:00	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:31	06/04/21 12:00	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:00	1
Zinc	0.68		0.50	0.020	mg/L		06/03/21 18:31	06/04/21 12:00	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.64	J	1.1	0.22	mg/Kg	☆	06/02/21 17:31	06/03/21 17:22	1
Arsenic	4.0		0.56	0.19	mg/Kg	☆	06/02/21 17:31	06/03/21 17:22	1
Barium	160		0.56	0.063	mg/Kg	☆	06/02/21 17:31	06/03/21 17:22	1
Beryllium	0.75		0.22	0.052	mg/Kg	☆	06/02/21 17:31	06/03/21 17:22	1
Cadmium	0.58		0.11	0.020	mg/Kg	☆	06/02/21 17:31	06/03/21 17:22	1
Calcium	140000	B	56	9.4	mg/Kg	☆	06/02/21 17:31	06/04/21 18:04	5
Chromium	20		0.56	0.28	mg/Kg	☆	06/02/21 17:31	06/03/21 17:22	1
Cobalt	5.9		0.28	0.073	mg/Kg	☆	06/02/21 17:31	06/03/21 17:22	1
Copper	25		0.56	0.16	mg/Kg	☆	06/02/21 17:31	06/03/21 17:22	1
Iron	20000		56	29	mg/Kg	☆	06/02/21 17:31	06/04/21 18:04	5
Lead	57		0.28	0.13	mg/Kg	☆	06/02/21 17:31	06/03/21 17:22	1
Magnesium	77000	B	28	14	mg/Kg	☆	06/02/21 17:31	06/04/21 18:04	5
Manganese	590		0.56	0.081	mg/Kg	☆	06/02/21 17:31	06/03/21 17:22	1
Nickel	19		0.56	0.16	mg/Kg	☆	06/02/21 17:31	06/04/21 18:00	1
Potassium	770		28	9.9	mg/Kg	☆	06/02/21 17:31	06/03/21 17:22	1
Selenium	0.46	J	0.56	0.33	mg/Kg	☆	06/02/21 17:31	06/03/21 17:22	1
Silver	0.42		0.28	0.072	mg/Kg	☆	06/02/21 17:31	06/03/21 17:22	1
Sodium	1000		56	8.2	mg/Kg	☆	06/02/21 17:31	06/03/21 17:22	1
Thallium	<0.56		0.56	0.28	mg/Kg	☆	06/02/21 17:31	06/04/21 18:00	1
Vanadium	18		0.28	0.066	mg/Kg	☆	06/02/21 17:31	06/03/21 17:22	1
Zinc	140		1.1	0.49	mg/Kg	☆	06/02/21 17:31	06/04/21 18:00	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/21 13:05	06/04/21 11:37	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 11:07	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.024		0.018	0.0060	mg/Kg	☆	06/03/21 14:00	06/04/21 07:37	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-50(0-2)-052721**

**Lab Sample ID: 500-199832-6**

Date Collected: 05/27/21 09:10

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 88.4

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.6		0.2	0.2	SU			06/03/21 13:59	1

1

2

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-48(0-2)-052721**

**Lab Sample ID: 500-199832-7**

Date Collected: 05/27/21 09:20

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 83.4

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.022		0.022	0.0096	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
Benzene	<0.0022		0.0022	0.00056	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
Bromodichloromethane	<0.0022		0.0022	0.00045	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
Bromoform	<0.0022		0.0022	0.00064	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
Bromomethane	<0.0055		0.0055	0.0021	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
Carbon disulfide	<0.0055		0.0055	0.0011	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
Carbon tetrachloride	<0.0022		0.0022	0.00064	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
Chlorobenzene	<0.0022		0.0022	0.00081	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
Chloroethane	<0.0055		0.0055	0.0016	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
Chloroform	<0.0022		0.0022	0.00076	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
Chloromethane	<0.0055		0.0055	0.0022	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
cis-1,2-Dichloroethene	<0.0022		0.0022	0.00062	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
cis-1,3-Dichloropropene	<0.0022		0.0022	0.00066	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
Dibromochloromethane	<0.0022		0.0022	0.00072	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
1,1-Dichloroethane	<0.0022		0.0022	0.00075	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
1,2-Dichloroethane	<0.0055		0.0055	0.0017	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
1,1-Dichloroethene	<0.0022		0.0022	0.00076	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
1,2-Dichloropropane	<0.0022		0.0022	0.00057	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
1,3-Dichloropropene, Total	<0.0022		0.0022	0.00077	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
Ethylbenzene	<0.0022		0.0022	0.0011	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
2-Hexanone	<0.0055		0.0055	0.0017	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
Methylene Chloride	<0.0055		0.0055	0.0022	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
Methyl Ethyl Ketone	<0.0055		0.0055	0.0024	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
methyl isobutyl ketone	<0.0055		0.0055	0.0016	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
Methyl tert-butyl ether	<0.0022		0.0022	0.00065	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
Styrene	<0.0022		0.0022	0.00067	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
1,1,2,2-Tetrachloroethane	<0.0022		0.0022	0.00070	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
Tetrachloroethene	<0.0022		0.0022	0.00075	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
Toluene	<0.0022		0.0022	0.00056	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
trans-1,2-Dichloroethene	<0.0022		0.0022	0.00098	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
trans-1,3-Dichloropropene	<0.0022		0.0022	0.00077	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
1,1,1-Trichloroethane	<0.0022		0.0022	0.00074	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
1,1,2-Trichloroethane	<0.0022		0.0022	0.00095	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
Trichloroethene	<0.0022		0.0022	0.00074	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
Vinyl chloride	<0.0022		0.0022	0.00097	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
Xylenes, Total	<0.0044		0.0044	0.00070	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		75 - 131	05/28/21 17:40	06/02/21 14:04	1
Dibromofluoromethane	105		75 - 126	05/28/21 17:40	06/02/21 14:04	1
1,2-Dichloroethane-d4 (Surr)	117		70 - 134	05/28/21 17:40	06/02/21 14:04	1
Toluene-d8 (Surr)	102		75 - 124	05/28/21 17:40	06/02/21 14:04	1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.042	mg/Kg	✱	06/03/21 07:33	06/03/21 22:13	1
1,2-Dichlorobenzene	<0.20		0.20	0.046	mg/Kg	✱	06/03/21 07:33	06/03/21 22:13	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	✱	06/03/21 07:33	06/03/21 22:13	1
1,4-Dichlorobenzene	<0.20		0.20	0.050	mg/Kg	✱	06/03/21 07:33	06/03/21 22:13	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.045	mg/Kg	✱	06/03/21 07:33	06/03/21 22:13	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-48(0-2)-052721**

**Lab Sample ID: 500-199832-7**

Date Collected: 05/27/21 09:20

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 83.4

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.089	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
2,4,6-Trichlorophenol	<0.39		0.39	0.13	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
2,4-Dichlorophenol	<0.39		0.39	0.092	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
2,4-Dinitrophenol	<0.78		0.78	0.69	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
2,4-Dinitrotoluene	<0.20		0.20	0.062	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
2,6-Dinitrotoluene	<0.20		0.20	0.076	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
2-Chloronaphthalene	<0.20		0.20	0.043	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
2-Chlorophenol	<0.20	*+	0.20	0.066	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
<b>2-Methylnaphthalene</b>	<b>0.0098</b>	<b>J</b>	0.078	0.0072	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
2-Methylphenol	<0.20		0.20	0.062	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
2-Nitroaniline	<0.20		0.20	0.052	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
2-Nitrophenol	<0.39		0.39	0.092	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
3 & 4 Methylphenol	<0.20		0.20	0.065	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.054	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
4,6-Dinitro-2-methylphenol	<0.78		0.78	0.31	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.051	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
4-Chloroaniline	<0.78		0.78	0.18	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.045	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
4-Nitroaniline	<0.39		0.39	0.16	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
4-Nitrophenol	<0.78		0.78	0.37	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
Acenaphthene	<0.039		0.039	0.0070	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
<b>Acenaphthylene</b>	<b>0.013</b>	<b>J</b>	0.039	0.0051	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
<b>Anthracene</b>	<b>0.024</b>	<b>J</b>	0.039	0.0065	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
<b>Benzo[a]anthracene</b>	<b>0.096</b>		0.039	0.0052	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
<b>Benzo[a]pyrene</b>	<b>0.12</b>	<b>*3</b>	0.039	0.0075	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
<b>Benzo[b]fluoranthene</b>	<b>0.22</b>	<b>*3</b>	0.039	0.0084	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
<b>Benzo[g,h,i]perylene</b>	<b>0.057</b>	<b>*3</b>	0.039	0.013	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
<b>Benzo[k]fluoranthene</b>	<b>0.064</b>	<b>*3</b>	0.039	0.011	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
Bis(2-chloroethyl)ether	<0.20	*+	0.20	0.058	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.071	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
<b>Butyl benzyl phthalate</b>	<b>0.76</b>		0.20	0.074	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
Carbazole	<0.20		0.20	0.097	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
<b>Chrysene</b>	<b>0.12</b>		0.039	0.011	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
Dibenz(a,h)anthracene	<0.039	*3	0.039	0.0075	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
Diethyl phthalate	<0.20		0.20	0.066	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
<b>Dimethyl phthalate</b>	<b>0.067</b>	<b>J</b>	0.20	0.051	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
Di-n-butyl phthalate	<0.20		0.20	0.059	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
Di-n-octyl phthalate	<0.20		0.20	0.063	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
<b>Fluoranthene</b>	<b>0.17</b>		0.039	0.0072	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
<b>Fluorene</b>	<b>0.0066</b>	<b>J</b>	0.039	0.0055	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
Hexachlorobenzene	<0.078		0.078	0.0090	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
Hexachlorobutadiene	<0.20		0.20	0.061	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
Hexachlorocyclopentadiene	<0.78		0.78	0.22	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
Hexachloroethane	<0.20		0.20	0.059	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1

Euofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-48(0-2)-052721**

**Lab Sample ID: 500-199832-7**

Date Collected: 05/27/21 09:20

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 83.4

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.048</b>	<b>*3</b>	0.039	0.010	mg/Kg	☼	06/03/21 07:33	06/03/21 22:13	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	06/03/21 07:33	06/03/21 22:13	1
<b>Naphthalene</b>	<b>0.033</b>	<b>J</b>	0.039	0.0060	mg/Kg	☼	06/03/21 07:33	06/03/21 22:13	1
Nitrobenzene	<0.039		0.039	0.0097	mg/Kg	☼	06/03/21 07:33	06/03/21 22:13	1
N-Nitrosodi-n-propylamine	<0.078		0.078	0.048	mg/Kg	☼	06/03/21 07:33	06/03/21 22:13	1
N-Nitrosodiphenylamine	<0.20		0.20	0.046	mg/Kg	☼	06/03/21 07:33	06/03/21 22:13	1
Pentachlorophenol	<0.78	*-	0.78	0.62	mg/Kg	☼	06/03/21 07:33	06/03/21 22:13	1
<b>Phenanthrene</b>	<b>0.10</b>		0.039	0.0054	mg/Kg	☼	06/03/21 07:33	06/03/21 22:13	1
Phenol	<0.20		0.20	0.086	mg/Kg	☼	06/03/21 07:33	06/03/21 22:13	1
<b>Pyrene</b>	<b>0.26</b>		0.039	0.0077	mg/Kg	☼	06/03/21 07:33	06/03/21 22:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	81		31 - 143				06/03/21 07:33	06/03/21 22:13	1
2-Fluorobiphenyl	86		43 - 145				06/03/21 07:33	06/03/21 22:13	1
2-Fluorophenol	90		31 - 166				06/03/21 07:33	06/03/21 22:13	1
Nitrobenzene-d5	76		37 - 147				06/03/21 07:33	06/03/21 22:13	1
Phenol-d5	97		30 - 153				06/03/21 07:33	06/03/21 22:13	1
Terphenyl-d14	146		42 - 157				06/03/21 07:33	06/03/21 22:13	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:28	06/04/21 11:09	1
<b>Barium</b>	<b>0.52</b>		0.50	0.050	mg/L		06/03/21 18:28	06/04/21 11:09	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:28	06/04/21 11:09	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:28	06/04/21 11:09	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:09	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:09	1
Copper	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:09	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:28	06/04/21 11:09	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/21 18:28	06/04/21 11:09	1
<b>Manganese</b>	<b>0.17</b>		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:09	1
Nickel	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:09	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:28	06/04/21 11:09	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:09	1
<b>Zinc</b>	<b>0.065</b>	<b>J</b>	0.50	0.020	mg/L		06/03/21 18:28	06/04/21 11:09	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.051</b>		0.050	0.010	mg/L		06/03/21 18:31	06/04/21 12:10	1
<b>Barium</b>	<b>0.77</b>		0.50	0.050	mg/L		06/03/21 18:31	06/04/21 12:10	1
<b>Beryllium</b>	<b>0.0076</b>		0.0040	0.0040	mg/L		06/03/21 18:31	06/04/21 12:10	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:31	06/04/21 12:10	1
<b>Chromium</b>	<b>0.16</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:10	1
<b>Cobalt</b>	<b>0.033</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:10	1
<b>Copper</b>	<b>0.15</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:10	1
<b>Iron</b>	<b>170</b>		0.40	0.20	mg/L		06/03/21 18:31	06/04/21 12:10	1
<b>Lead</b>	<b>0.21</b>		0.0075	0.0075	mg/L		06/03/21 18:31	06/04/21 12:10	1
<b>Manganese</b>	<b>0.93</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:10	1
<b>Nickel</b>	<b>0.13</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:10	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:31	06/04/21 12:10	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-48(0-2)-052721**

**Lab Sample ID: 500-199832-7**

Date Collected: 05/27/21 09:20

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 83.4

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:10	1
<b>Zinc</b>	<b>0.62</b>		0.50	0.020	mg/L		06/03/21 18:31	06/04/21 12:10	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Antimony</b>	<b>0.64</b>	<b>J</b>	1.1	0.22	mg/Kg	✧	06/02/21 17:31	06/03/21 17:25	1
<b>Arsenic</b>	<b>5.9</b>		0.57	0.20	mg/Kg	✧	06/02/21 17:31	06/03/21 17:25	1
<b>Barium</b>	<b>84</b>		0.57	0.065	mg/Kg	✧	06/02/21 17:31	06/03/21 17:25	1
<b>Beryllium</b>	<b>0.71</b>		0.23	0.053	mg/Kg	✧	06/02/21 17:31	06/03/21 17:25	1
<b>Cadmium</b>	<b>0.45</b>		0.11	0.021	mg/Kg	✧	06/02/21 17:31	06/03/21 17:25	1
<b>Calcium</b>	<b>55000</b>	<b>B</b>	57	9.7	mg/Kg	✧	06/02/21 17:31	06/04/21 18:11	5
<b>Chromium</b>	<b>20</b>		0.57	0.28	mg/Kg	✧	06/02/21 17:31	06/03/21 17:25	1
<b>Cobalt</b>	<b>9.7</b>		0.29	0.075	mg/Kg	✧	06/02/21 17:31	06/03/21 17:25	1
<b>Copper</b>	<b>23</b>		0.57	0.16	mg/Kg	✧	06/02/21 17:31	06/03/21 17:25	1
<b>Iron</b>	<b>15000</b>		11	5.9	mg/Kg	✧	06/02/21 17:31	06/03/21 17:25	1
<b>Lead</b>	<b>81</b>		0.29	0.13	mg/Kg	✧	06/02/21 17:31	06/03/21 17:25	1
<b>Magnesium</b>	<b>26000</b>	<b>B</b>	5.7	2.8	mg/Kg	✧	06/02/21 17:31	06/03/21 17:25	1
<b>Manganese</b>	<b>510</b>		0.57	0.083	mg/Kg	✧	06/02/21 17:31	06/03/21 17:25	1
<b>Nickel</b>	<b>23</b>		0.57	0.17	mg/Kg	✧	06/02/21 17:31	06/04/21 18:08	1
<b>Potassium</b>	<b>1200</b>		29	10	mg/Kg	✧	06/02/21 17:31	06/03/21 17:25	1
Selenium	<0.57		0.57	0.34	mg/Kg	✧	06/02/21 17:31	06/03/21 17:25	1
<b>Silver</b>	<b>0.46</b>		0.29	0.074	mg/Kg	✧	06/02/21 17:31	06/03/21 17:25	1
<b>Sodium</b>	<b>1300</b>		57	8.4	mg/Kg	✧	06/02/21 17:31	06/03/21 17:25	1
Thallium	<0.57		0.57	0.28	mg/Kg	✧	06/02/21 17:31	06/03/21 17:25	1
<b>Vanadium</b>	<b>27</b>		0.29	0.067	mg/Kg	✧	06/02/21 17:31	06/03/21 17:25	1
<b>Zinc</b>	<b>120</b>		1.1	0.50	mg/Kg	✧	06/02/21 17:31	06/04/21 18:08	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/21 13:05	06/04/21 11:39	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 11:10	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.032</b>		0.018	0.0060	mg/Kg	✧	06/03/21 14:00	06/04/21 07:39	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.1</b>		0.2	0.2	SU			06/03/21 14:42	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-46(0-2)-052721**

**Lab Sample ID: 500-199832-8**

Date Collected: 05/27/21 09:40

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 88.1

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.019		0.019	0.0084	mg/Kg	✳	05/28/21 17:40	06/02/21 14:30	1
Benzene	<0.0019		0.0019	0.00049	mg/Kg	✳	05/28/21 17:40	06/02/21 14:30	1
Bromodichloromethane	<0.0019		0.0019	0.00039	mg/Kg	✳	05/28/21 17:40	06/02/21 14:30	1
Bromoform	<0.0019		0.0019	0.00057	mg/Kg	✳	05/28/21 17:40	06/02/21 14:30	1
Bromomethane	<0.0048		0.0048	0.0018	mg/Kg	✳	05/28/21 17:40	06/02/21 14:30	1
Carbon disulfide	<0.0048		0.0048	0.0010	mg/Kg	✳	05/28/21 17:40	06/02/21 14:30	1
Carbon tetrachloride	<0.0019		0.0019	0.00056	mg/Kg	✳	05/28/21 17:40	06/02/21 14:30	1
Chlorobenzene	<0.0019		0.0019	0.00072	mg/Kg	✳	05/28/21 17:40	06/02/21 14:30	1
Chloroethane	<0.0048		0.0048	0.0014	mg/Kg	✳	05/28/21 17:40	06/02/21 14:30	1
Chloroform	<0.0019		0.0019	0.00067	mg/Kg	✳	05/28/21 17:40	06/02/21 14:30	1
Chloromethane	<0.0048		0.0048	0.0019	mg/Kg	✳	05/28/21 17:40	06/02/21 14:30	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00054	mg/Kg	✳	05/28/21 17:40	06/02/21 14:30	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00058	mg/Kg	✳	05/28/21 17:40	06/02/21 14:30	1
Dibromochloromethane	<0.0019		0.0019	0.00063	mg/Kg	✳	05/28/21 17:40	06/02/21 14:30	1
1,1-Dichloroethane	<0.0019		0.0019	0.00066	mg/Kg	✳	05/28/21 17:40	06/02/21 14:30	1
1,2-Dichloroethane	<0.0048		0.0048	0.0015	mg/Kg	✳	05/28/21 17:40	06/02/21 14:30	1
1,1-Dichloroethene	<0.0019		0.0019	0.00067	mg/Kg	✳	05/28/21 17:40	06/02/21 14:30	1
1,2-Dichloropropane	<0.0019		0.0019	0.00050	mg/Kg	✳	05/28/21 17:40	06/02/21 14:30	1
1,3-Dichloropropane, Total	<0.0019		0.0019	0.00068	mg/Kg	✳	05/28/21 17:40	06/02/21 14:30	1
Ethylbenzene	<0.0019		0.0019	0.00093	mg/Kg	✳	05/28/21 17:40	06/02/21 14:30	1
2-Hexanone	<0.0048		0.0048	0.0015	mg/Kg	✳	05/28/21 17:40	06/02/21 14:30	1
Methylene Chloride	<0.0048		0.0048	0.0019	mg/Kg	✳	05/28/21 17:40	06/02/21 14:30	1
Methyl Ethyl Ketone	<0.0048		0.0048	0.0022	mg/Kg	✳	05/28/21 17:40	06/02/21 14:30	1
methyl isobutyl ketone	<0.0048		0.0048	0.0014	mg/Kg	✳	05/28/21 17:40	06/02/21 14:30	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00057	mg/Kg	✳	05/28/21 17:40	06/02/21 14:30	1
Styrene	<0.0019		0.0019	0.00059	mg/Kg	✳	05/28/21 17:40	06/02/21 14:30	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00062	mg/Kg	✳	05/28/21 17:40	06/02/21 14:30	1
Tetrachloroethene	<0.0019		0.0019	0.00066	mg/Kg	✳	05/28/21 17:40	06/02/21 14:30	1
Toluene	<0.0019		0.0019	0.00049	mg/Kg	✳	05/28/21 17:40	06/02/21 14:30	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00086	mg/Kg	✳	05/28/21 17:40	06/02/21 14:30	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00068	mg/Kg	✳	05/28/21 17:40	06/02/21 14:30	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00065	mg/Kg	✳	05/28/21 17:40	06/02/21 14:30	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00083	mg/Kg	✳	05/28/21 17:40	06/02/21 14:30	1
Trichloroethene	<0.0019		0.0019	0.00066	mg/Kg	✳	05/28/21 17:40	06/02/21 14:30	1
Vinyl chloride	<0.0019		0.0019	0.00086	mg/Kg	✳	05/28/21 17:40	06/02/21 14:30	1
Xylenes, Total	<0.0039		0.0039	0.00062	mg/Kg	✳	05/28/21 17:40	06/02/21 14:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		75 - 131	05/28/21 17:40	06/02/21 14:30	1
Dibromofluoromethane	104		75 - 126	05/28/21 17:40	06/02/21 14:30	1
1,2-Dichloroethane-d4 (Surr)	112		70 - 134	05/28/21 17:40	06/02/21 14:30	1
Toluene-d8 (Surr)	105		75 - 124	05/28/21 17:40	06/02/21 14:30	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-46(0-2)-052721**

**Lab Sample ID: 500-199832-8**

**Date Collected: 05/27/21 09:40**

**Matrix: Solid**

**Date Received: 05/27/21 16:55**

**Percent Solids: 88.1**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.085	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
2,4-Dichlorophenol	<0.37		0.37	0.089	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
2,4-Dinitrophenol	<0.75		0.75	0.66	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
2,4-Dinitrotoluene	<0.19		0.19	0.059	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
2,6-Dinitrotoluene	<0.19		0.19	0.074	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
2-Chlorophenol	<0.19	*+	0.19	0.064	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
2-Methylnaphthalene	<0.075		0.075	0.0069	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
2-Nitrophenol	<0.37		0.37	0.088	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
3 & 4 Methylphenol	<0.19		0.19	0.062	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.052	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.30	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
4-Chloroaniline	<0.75		0.75	0.18	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
4-Nitrophenol	<0.75		0.75	0.36	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
Acenaphthene	<0.037		0.037	0.0067	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
Acenaphthylene	<0.037		0.037	0.0049	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
<b>Anthracene</b>	<b>0.019</b>	<b>J</b>	0.037	0.0063	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
<b>Benzo[a]anthracene</b>	<b>0.085</b>		0.037	0.0050	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
<b>Benzo[a]pyrene</b>	<b>0.095</b>	<b>*3</b>	0.037	0.0072	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
<b>Benzo[b]fluoranthene</b>	<b>0.16</b>	<b>*3</b>	0.037	0.0081	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
<b>Benzo[g,h,i]perylene</b>	<b>0.046</b>	<b>*3</b>	0.037	0.012	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
<b>Benzo[k]fluoranthene</b>	<b>0.061</b>	<b>*3</b>	0.037	0.011	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
Bis(2-chloroethyl)ether	<0.19	*+	0.19	0.056	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.068	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
Butyl benzyl phthalate	<0.19		0.19	0.071	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
Carbazole	<0.19		0.19	0.094	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
<b>Chrysene</b>	<b>0.10</b>		0.037	0.010	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
<b>Dibenz(a,h)anthracene</b>	<b>0.0078</b>	<b>J *3</b>	0.037	0.0072	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
Diethyl phthalate	<0.19		0.19	0.063	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
<b>Fluoranthene</b>	<b>0.15</b>		0.037	0.0069	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
Fluorene	<0.037		0.037	0.0053	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
Hexachlorobenzene	<0.075		0.075	0.0087	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
Hexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
Hexachlorocyclopentadiene	<0.75		0.75	0.22	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1
Hexachloroethane	<0.19		0.19	0.057	mg/Kg	✳	06/03/21 07:33	06/03/21 22:33	1

Euofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-46(0-2)-052721**

**Lab Sample ID: 500-199832-8**

Date Collected: 05/27/21 09:40

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 88.1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.040</b>	<b>*3</b>	0.037	0.0097	mg/Kg	☼	06/03/21 07:33	06/03/21 22:33	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	06/03/21 07:33	06/03/21 22:33	1
<b>Naphthalene</b>	<b>0.0060</b>	<b>J</b>	0.037	0.0058	mg/Kg	☼	06/03/21 07:33	06/03/21 22:33	1
Nitrobenzene	<0.037		0.037	0.0093	mg/Kg	☼	06/03/21 07:33	06/03/21 22:33	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.046	mg/Kg	☼	06/03/21 07:33	06/03/21 22:33	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☼	06/03/21 07:33	06/03/21 22:33	1
Pentachlorophenol	<0.75	*-	0.75	0.60	mg/Kg	☼	06/03/21 07:33	06/03/21 22:33	1
<b>Phenanthrene</b>	<b>0.097</b>		0.037	0.0052	mg/Kg	☼	06/03/21 07:33	06/03/21 22:33	1
Phenol	<0.19		0.19	0.083	mg/Kg	☼	06/03/21 07:33	06/03/21 22:33	1
<b>Pyrene</b>	<b>0.24</b>		0.037	0.0074	mg/Kg	☼	06/03/21 07:33	06/03/21 22:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	83		31 - 143				06/03/21 07:33	06/03/21 22:33	1
2-Fluorobiphenyl	87		43 - 145				06/03/21 07:33	06/03/21 22:33	1
2-Fluorophenol	96		31 - 166				06/03/21 07:33	06/03/21 22:33	1
Nitrobenzene-d5	86		37 - 147				06/03/21 07:33	06/03/21 22:33	1
Phenol-d5	100		30 - 153				06/03/21 07:33	06/03/21 22:33	1
Terphenyl-d14	156		42 - 157				06/03/21 07:33	06/03/21 22:33	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:28	06/04/21 11:12	1
<b>Barium</b>	<b>0.54</b>		0.50	0.050	mg/L		06/03/21 18:28	06/04/21 11:12	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:28	06/04/21 11:12	1
<b>Cadmium</b>	<b>0.0020</b>	<b>J</b>	0.0050	0.0020	mg/L		06/03/21 18:28	06/04/21 11:12	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:12	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:12	1
Copper	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:12	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:28	06/04/21 11:12	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/21 18:28	06/04/21 11:12	1
<b>Manganese</b>	<b>1.1</b>		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:12	1
Nickel	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:12	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:28	06/04/21 11:12	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:12	1
<b>Zinc</b>	<b>0.056</b>	<b>J</b>	0.50	0.020	mg/L		06/03/21 18:28	06/04/21 11:12	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.046</b>	<b>J</b>	0.050	0.010	mg/L		06/03/21 18:31	06/04/21 12:13	1
<b>Barium</b>	<b>0.64</b>		0.50	0.050	mg/L		06/03/21 18:31	06/04/21 12:13	1
<b>Beryllium</b>	<b>0.0066</b>		0.0040	0.0040	mg/L		06/03/21 18:31	06/04/21 12:13	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:31	06/04/21 12:13	1
<b>Chromium</b>	<b>0.14</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:13	1
<b>Cobalt</b>	<b>0.037</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:13	1
<b>Copper</b>	<b>0.12</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:13	1
<b>Iron</b>	<b>140</b>		0.40	0.20	mg/L		06/03/21 18:31	06/04/21 12:13	1
<b>Lead</b>	<b>0.16</b>		0.0075	0.0075	mg/L		06/03/21 18:31	06/04/21 12:13	1
<b>Manganese</b>	<b>0.79</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:13	1
<b>Nickel</b>	<b>0.12</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:13	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:31	06/04/21 12:13	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-46(0-2)-052721**

**Lab Sample ID: 500-199832-8**

Date Collected: 05/27/21 09:40

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 88.1

## Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:13	1
Zinc	0.49	J	0.50	0.020	mg/L		06/03/21 18:31	06/04/21 12:13	1

## Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.52	J	1.1	0.21	mg/Kg	☆	06/02/21 17:31	06/03/21 17:29	1
Arsenic	5.3		0.53	0.18	mg/Kg	☆	06/02/21 17:31	06/03/21 17:29	1
Barium	84		0.53	0.060	mg/Kg	☆	06/02/21 17:31	06/03/21 17:29	1
Beryllium	0.73		0.21	0.049	mg/Kg	☆	06/02/21 17:31	06/03/21 17:29	1
Cadmium	0.49		0.11	0.019	mg/Kg	☆	06/02/21 17:31	06/03/21 17:29	1
Calcium	85000	B	53	9.0	mg/Kg	☆	06/02/21 17:31	06/04/21 18:19	5
Chromium	14		0.53	0.26	mg/Kg	☆	06/02/21 17:31	06/03/21 17:29	1
Cobalt	8.0		0.26	0.069	mg/Kg	☆	06/02/21 17:31	06/03/21 17:29	1
Copper	21		0.53	0.15	mg/Kg	☆	06/02/21 17:31	06/03/21 17:29	1
Iron	21000		53	28	mg/Kg	☆	06/02/21 17:31	06/04/21 18:19	5
Lead	98		0.26	0.12	mg/Kg	☆	06/02/21 17:31	06/03/21 17:29	1
Magnesium	49000	B	26	13	mg/Kg	☆	06/02/21 17:31	06/04/21 18:19	5
Manganese	420		0.53	0.077	mg/Kg	☆	06/02/21 17:31	06/03/21 17:29	1
Nickel	22		0.53	0.15	mg/Kg	☆	06/02/21 17:31	06/04/21 18:15	1
Potassium	1100		26	9.4	mg/Kg	☆	06/02/21 17:31	06/03/21 17:29	1
Selenium	0.39	J	0.53	0.31	mg/Kg	☆	06/02/21 17:31	06/03/21 17:29	1
Silver	0.34		0.26	0.068	mg/Kg	☆	06/02/21 17:31	06/03/21 17:29	1
Sodium	1500		53	7.8	mg/Kg	☆	06/02/21 17:31	06/03/21 17:29	1
Thallium	<0.53		0.53	0.26	mg/Kg	☆	06/02/21 17:31	06/03/21 17:29	1
Vanadium	19		0.26	0.063	mg/Kg	☆	06/02/21 17:31	06/03/21 17:29	1
Zinc	110		1.1	0.47	mg/Kg	☆	06/02/21 17:31	06/04/21 18:15	1

## Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/21 13:05	06/04/21 11:41	1

## Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 11:12	1

## Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.026		0.018	0.0061	mg/Kg	☆	06/03/21 14:00	06/04/21 07:44	1

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.5		0.2	0.2	SU			06/03/21 14:42	1



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-42(0-2)-052721**

**Lab Sample ID: 500-199832-10**

Date Collected: 05/27/21 10:15

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 90.3

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.021		0.021	0.0091	mg/Kg	✱	05/28/21 17:40	06/03/21 14:04	1
Benzene	<0.0021		0.0021	0.00053	mg/Kg	✱	05/28/21 17:40	06/03/21 14:04	1
Bromodichloromethane	<0.0021		0.0021	0.00042	mg/Kg	✱	05/28/21 17:40	06/03/21 14:04	1
Bromoform	<0.0021		0.0021	0.00061	mg/Kg	✱	05/28/21 17:40	06/03/21 14:04	1
Bromomethane	<0.0052		0.0052	0.0020	mg/Kg	✱	05/28/21 17:40	06/03/21 14:04	1
Carbon disulfide	<0.0052		0.0052	0.0011	mg/Kg	✱	05/28/21 17:40	06/03/21 14:04	1
Carbon tetrachloride	<0.0021		0.0021	0.00060	mg/Kg	✱	05/28/21 17:40	06/03/21 14:04	1
Chlorobenzene	<0.0021		0.0021	0.00077	mg/Kg	✱	05/28/21 17:40	06/03/21 14:04	1
Chloroethane	<0.0052		0.0052	0.0015	mg/Kg	✱	05/28/21 17:40	06/03/21 14:04	1
Chloroform	<0.0021		0.0021	0.00072	mg/Kg	✱	05/28/21 17:40	06/03/21 14:04	1
Chloromethane	<0.0052		0.0052	0.0021	mg/Kg	✱	05/28/21 17:40	06/03/21 14:04	1
cis-1,2-Dichloroethene	<0.0021		0.0021	0.00058	mg/Kg	✱	05/28/21 17:40	06/03/21 14:04	1
cis-1,3-Dichloropropene	<0.0021		0.0021	0.00063	mg/Kg	✱	05/28/21 17:40	06/03/21 14:04	1
Dibromochloromethane	<0.0021		0.0021	0.00068	mg/Kg	✱	05/28/21 17:40	06/03/21 14:04	1
1,1-Dichloroethane	<0.0021		0.0021	0.00071	mg/Kg	✱	05/28/21 17:40	06/03/21 14:04	1
1,2-Dichloroethane	<0.0052		0.0052	0.0016	mg/Kg	✱	05/28/21 17:40	06/03/21 14:04	1
1,1-Dichloroethene	<0.0021		0.0021	0.00072	mg/Kg	✱	05/28/21 17:40	06/03/21 14:04	1
1,2-Dichloropropane	<0.0021		0.0021	0.00054	mg/Kg	✱	05/28/21 17:40	06/03/21 14:04	1
1,3-Dichloropropene, Total	<0.0021		0.0021	0.00073	mg/Kg	✱	05/28/21 17:40	06/03/21 14:04	1
Ethylbenzene	<0.0021		0.0021	0.0010	mg/Kg	✱	05/28/21 17:40	06/03/21 14:04	1
2-Hexanone	<0.0052		0.0052	0.0016	mg/Kg	✱	05/28/21 17:40	06/03/21 14:04	1
Methylene Chloride	<0.0052		0.0052	0.0020	mg/Kg	✱	05/28/21 17:40	06/03/21 14:04	1
Methyl Ethyl Ketone	<0.0052		0.0052	0.0023	mg/Kg	✱	05/28/21 17:40	06/03/21 14:04	1
methyl isobutyl ketone	<0.0052		0.0052	0.0015	mg/Kg	✱	05/28/21 17:40	06/03/21 14:04	1
Methyl tert-butyl ether	<0.0021		0.0021	0.00061	mg/Kg	✱	05/28/21 17:40	06/03/21 14:04	1
Styrene	<0.0021		0.0021	0.00063	mg/Kg	✱	05/28/21 17:40	06/03/21 14:04	1
1,1,2,2-Tetrachloroethane	<0.0021		0.0021	0.00066	mg/Kg	✱	05/28/21 17:40	06/03/21 14:04	1
Tetrachloroethene	<0.0021		0.0021	0.00071	mg/Kg	✱	05/28/21 17:40	06/03/21 14:04	1
Toluene	<0.0021		0.0021	0.00053	mg/Kg	✱	05/28/21 17:40	06/03/21 14:04	1
trans-1,2-Dichloroethene	<0.0021		0.0021	0.00092	mg/Kg	✱	05/28/21 17:40	06/03/21 14:04	1
trans-1,3-Dichloropropene	<0.0021		0.0021	0.00073	mg/Kg	✱	05/28/21 17:40	06/03/21 14:04	1
1,1,1-Trichloroethane	<0.0021		0.0021	0.00070	mg/Kg	✱	05/28/21 17:40	06/03/21 14:04	1
1,1,2-Trichloroethane	<0.0021		0.0021	0.00089	mg/Kg	✱	05/28/21 17:40	06/03/21 14:04	1
Trichloroethene	<0.0021		0.0021	0.00070	mg/Kg	✱	05/28/21 17:40	06/03/21 14:04	1
Vinyl chloride	<0.0021		0.0021	0.00092	mg/Kg	✱	05/28/21 17:40	06/03/21 14:04	1
Xylenes, Total	<0.0042		0.0042	0.00067	mg/Kg	✱	05/28/21 17:40	06/03/21 14:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		75 - 131	05/28/21 17:40	06/03/21 14:04	1
Dibromofluoromethane	103		75 - 126	05/28/21 17:40	06/03/21 14:04	1
1,2-Dichloroethane-d4 (Surr)	117		70 - 134	05/28/21 17:40	06/03/21 14:04	1
Toluene-d8 (Surr)	106		75 - 124	05/28/21 17:40	06/03/21 14:04	1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.040	mg/Kg	✱	06/03/21 07:33	06/04/21 18:08	1
1,2-Dichlorobenzene	<0.18		0.18	0.044	mg/Kg	✱	06/03/21 07:33	06/04/21 18:08	1
1,3-Dichlorobenzene	<0.18		0.18	0.041	mg/Kg	✱	06/03/21 07:33	06/04/21 18:08	1
1,4-Dichlorobenzene	<0.18		0.18	0.047	mg/Kg	✱	06/03/21 07:33	06/04/21 18:08	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.042	mg/Kg	✱	06/03/21 07:33	06/04/21 18:08	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-42(0-2)-052721**

**Lab Sample ID: 500-199832-10**

Date Collected: 05/27/21 10:15

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 90.3

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.36		0.36	0.084	mg/Kg	☆	06/03/21 07:33	06/04/21 18:08	1
2,4,6-Trichlorophenol	<0.36		0.36	0.13	mg/Kg	☆	06/03/21 07:33	06/04/21 18:08	1
2,4-Dichlorophenol	<0.36		0.36	0.087	mg/Kg	☆	06/03/21 07:33	06/04/21 18:08	1
2,4-Dimethylphenol	<0.36		0.36	0.14	mg/Kg	☆	06/03/21 07:33	06/04/21 18:08	1
2,4-Dinitrophenol	<0.74		0.74	0.65	mg/Kg	☆	06/03/21 07:33	06/04/21 18:08	1
2,4-Dinitrotoluene	<0.18		0.18	0.058	mg/Kg	☆	06/03/21 07:33	06/04/21 18:08	1
2,6-Dinitrotoluene	<0.18		0.18	0.072	mg/Kg	☆	06/03/21 07:33	06/04/21 18:08	1
2-Chloronaphthalene	<0.18		0.18	0.041	mg/Kg	☆	06/03/21 07:33	06/04/21 18:08	1
2-Chlorophenol	<0.18	*+	0.18	0.063	mg/Kg	☆	06/03/21 07:33	06/04/21 18:08	1
<b>2-Methylnaphthalene</b>	<b>0.0071</b>	<b>J</b>	0.074	0.0067	mg/Kg	☆	06/03/21 07:33	06/04/21 18:08	1
2-Methylphenol	<0.18		0.18	0.059	mg/Kg	☆	06/03/21 07:33	06/04/21 18:08	1
2-Nitroaniline	<0.18		0.18	0.049	mg/Kg	☆	06/03/21 07:33	06/04/21 18:08	1
2-Nitrophenol	<0.36		0.36	0.087	mg/Kg	☆	06/03/21 07:33	06/04/21 18:08	1
3 & 4 Methylphenol	<0.18		0.18	0.061	mg/Kg	☆	06/03/21 07:33	06/04/21 18:08	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.051	mg/Kg	☆	06/03/21 07:33	06/04/21 18:08	1
3-Nitroaniline	<0.36		0.36	0.11	mg/Kg	☆	06/03/21 07:33	06/04/21 18:08	1
4,6-Dinitro-2-methylphenol	<0.74		0.74	0.29	mg/Kg	☆	06/03/21 07:33	06/04/21 18:08	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.048	mg/Kg	☆	06/03/21 07:33	06/04/21 18:08	1
4-Chloro-3-methylphenol	<0.36		0.36	0.12	mg/Kg	☆	06/03/21 07:33	06/04/21 18:08	1
4-Chloroaniline	<0.74		0.74	0.17	mg/Kg	☆	06/03/21 07:33	06/04/21 18:08	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.043	mg/Kg	☆	06/03/21 07:33	06/04/21 18:08	1
4-Nitroaniline	<0.36		0.36	0.15	mg/Kg	☆	06/03/21 07:33	06/04/21 18:08	1
4-Nitrophenol	<0.74		0.74	0.35	mg/Kg	☆	06/03/21 07:33	06/04/21 18:08	1
<b>Acenaphthene</b>	<b>0.0088</b>	<b>J</b>	0.036	0.0066	mg/Kg	☆	06/03/21 07:33	06/04/21 18:08	1
<b>Acenaphthylene</b>	<b>0.0086</b>	<b>J</b>	0.036	0.0048	mg/Kg	☆	06/03/21 07:33	06/04/21 18:08	1
<b>Anthracene</b>	<b>0.034</b>	<b>J</b>	0.036	0.0061	mg/Kg	☆	06/03/21 07:33	06/04/21 18:08	1
<b>Benzo[a]anthracene</b>	<b>0.16</b>		0.036	0.0049	mg/Kg	☆	06/03/21 07:33	06/04/21 18:08	1
<b>Benzo[a]pyrene</b>	<b>0.18</b>	<b>*3</b>	0.036	0.0071	mg/Kg	☆	06/03/21 07:33	06/04/21 18:08	1
<b>Benzo[b]fluoranthene</b>	<b>0.27</b>	<b>*3</b>	0.036	0.0079	mg/Kg	☆	06/03/21 07:33	06/04/21 18:08	1
<b>Benzo[g,h,i]perylene</b>	<b>0.072</b>	<b>*3</b>	0.036	0.012	mg/Kg	☆	06/03/21 07:33	06/04/21 18:08	1
<b>Benzo[k]fluoranthene</b>	<b>0.16</b>	<b>*3</b>	0.036	0.011	mg/Kg	☆	06/03/21 07:33	06/04/21 18:08	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.037	mg/Kg	☆	06/03/21 07:33	06/04/21 18:08	1
Bis(2-chloroethyl)ether	<0.18	*+	0.18	0.055	mg/Kg	☆	06/03/21 07:33	06/04/21 18:08	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.067	mg/Kg	☆	06/03/21 07:33	06/04/21 18:08	1
Butyl benzyl phthalate	<0.18		0.18	0.070	mg/Kg	☆	06/03/21 07:33	06/04/21 18:08	1
Carbazole	<0.18		0.18	0.092	mg/Kg	☆	06/03/21 07:33	06/04/21 18:08	1
<b>Chrysene</b>	<b>0.19</b>		0.036	0.010	mg/Kg	☆	06/03/21 07:33	06/04/21 18:08	1
<b>Dibenz(a,h)anthracene</b>	<b>0.017</b>	<b>J *3</b>	0.036	0.0071	mg/Kg	☆	06/03/21 07:33	06/04/21 18:08	1
Dibenzofuran	<0.18		0.18	0.043	mg/Kg	☆	06/03/21 07:33	06/04/21 18:08	1
Diethyl phthalate	<0.18		0.18	0.062	mg/Kg	☆	06/03/21 07:33	06/04/21 18:08	1
Dimethyl phthalate	<0.18		0.18	0.048	mg/Kg	☆	06/03/21 07:33	06/04/21 18:08	1
Di-n-butyl phthalate	<0.18		0.18	0.056	mg/Kg	☆	06/03/21 07:33	06/04/21 18:08	1
Di-n-octyl phthalate	<0.18		0.18	0.060	mg/Kg	☆	06/03/21 07:33	06/04/21 18:08	1
<b>Fluoranthene</b>	<b>0.26</b>		0.036	0.0068	mg/Kg	☆	06/03/21 07:33	06/04/21 18:08	1
<b>Fluorene</b>	<b>0.0095</b>	<b>J</b>	0.036	0.0052	mg/Kg	☆	06/03/21 07:33	06/04/21 18:08	1
Hexachlorobenzene	<0.074		0.074	0.0085	mg/Kg	☆	06/03/21 07:33	06/04/21 18:08	1
Hexachlorobutadiene	<0.18		0.18	0.058	mg/Kg	☆	06/03/21 07:33	06/04/21 18:08	1
Hexachlorocyclopentadiene	<0.74		0.74	0.21	mg/Kg	☆	06/03/21 07:33	06/04/21 18:08	1
Hexachloroethane	<0.18		0.18	0.056	mg/Kg	☆	06/03/21 07:33	06/04/21 18:08	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-42(0-2)-052721**

**Lab Sample ID: 500-199832-10**

Date Collected: 05/27/21 10:15

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 90.3

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.060</b>	<b>*3</b>	0.036	0.0095	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
Isophorone	<0.18		0.18	0.041	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
<b>Naphthalene</b>	<b>0.015</b>	<b>J</b>	0.036	0.0056	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
Nitrobenzene	<0.036		0.036	0.0091	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
N-Nitrosodi-n-propylamine	<0.074		0.074	0.045	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
N-Nitrosodiphenylamine	<0.18		0.18	0.043	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
Pentachlorophenol	<0.74	*-	0.74	0.59	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
<b>Phenanthrene</b>	<b>0.15</b>		0.036	0.0051	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
Phenol	<0.18		0.18	0.081	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
<b>Pyrene</b>	<b>0.42</b>		0.036	0.0073	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	86		31 - 143				06/03/21 07:33	06/04/21 18:08	1
2-Fluorobiphenyl	79		43 - 145				06/03/21 07:33	06/04/21 18:08	1
2-Fluorophenol	56		31 - 166				06/03/21 07:33	06/04/21 18:08	1
Nitrobenzene-d5	58		37 - 147				06/03/21 07:33	06/04/21 18:08	1
Phenol-d5	68		30 - 153				06/03/21 07:33	06/04/21 18:08	1
Terphenyl-d14	144		42 - 157				06/03/21 07:33	06/04/21 18:08	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:28	06/04/21 11:43	1
<b>Barium</b>	<b>0.57</b>		0.50	0.050	mg/L		06/03/21 18:28	06/04/21 11:43	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:28	06/04/21 11:43	1
<b>Cadmium</b>	<b>0.0021</b>	<b>J</b>	0.0050	0.0020	mg/L		06/03/21 18:28	06/04/21 11:43	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:43	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:43	1
Copper	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:43	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:28	06/04/21 11:43	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/21 18:28	06/04/21 11:43	1
<b>Manganese</b>	<b>0.85</b>		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:43	1
<b>Nickel</b>	<b>0.014</b>	<b>J</b>	0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:43	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:28	06/04/21 11:43	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:43	1
<b>Zinc</b>	<b>0.083</b>	<b>J</b>	0.50	0.020	mg/L		06/03/21 18:28	06/04/21 11:43	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.047</b>	<b>J</b>	0.050	0.010	mg/L		06/03/21 18:31	06/04/21 12:19	1
<b>Barium</b>	<b>0.66</b>		0.50	0.050	mg/L		06/03/21 18:31	06/04/21 12:19	1
<b>Beryllium</b>	<b>0.0066</b>		0.0040	0.0040	mg/L		06/03/21 18:31	06/04/21 12:19	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:31	06/04/21 12:19	1
<b>Chromium</b>	<b>0.13</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:19	1
<b>Cobalt</b>	<b>0.038</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:19	1
<b>Copper</b>	<b>0.13</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:19	1
<b>Iron</b>	<b>140</b>		0.40	0.20	mg/L		06/03/21 18:31	06/04/21 12:19	1
<b>Lead</b>	<b>0.15</b>		0.0075	0.0075	mg/L		06/03/21 18:31	06/04/21 12:19	1
<b>Manganese</b>	<b>0.68</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:19	1
<b>Nickel</b>	<b>0.12</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:19	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:31	06/04/21 12:19	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-42(0-2)-052721**

**Lab Sample ID: 500-199832-10**

Date Collected: 05/27/21 10:15

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 90.3

### Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:19	1
Zinc	0.53		0.50	0.020	mg/L		06/03/21 18:31	06/04/21 12:19	1

### Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.60	J	1.1	0.21	mg/Kg	✧	06/02/21 17:31	06/03/21 17:36	1
Arsenic	6.2		0.54	0.18	mg/Kg	✧	06/02/21 17:31	06/03/21 17:36	1
Barium	67		0.54	0.061	mg/Kg	✧	06/02/21 17:31	06/03/21 17:36	1
Beryllium	0.59		0.21	0.050	mg/Kg	✧	06/02/21 17:31	06/03/21 17:36	1
Cadmium	0.39		0.11	0.019	mg/Kg	✧	06/02/21 17:31	06/03/21 17:36	1
Calcium	67000	B	54	9.1	mg/Kg	✧	06/02/21 17:31	06/04/21 18:41	5
Chromium	17		0.54	0.27	mg/Kg	✧	06/02/21 17:31	06/03/21 17:36	1
Cobalt	8.2		0.27	0.070	mg/Kg	✧	06/02/21 17:31	06/03/21 17:36	1
Copper	22		0.54	0.15	mg/Kg	✧	06/02/21 17:31	06/03/21 17:36	1
Iron	16000		11	5.6	mg/Kg	✧	06/02/21 17:31	06/03/21 17:36	1
Lead	42		0.27	0.12	mg/Kg	✧	06/02/21 17:31	06/03/21 17:36	1
Magnesium	30000	B	5.4	2.7	mg/Kg	✧	06/02/21 17:31	06/03/21 17:36	1
Manganese	310		0.54	0.078	mg/Kg	✧	06/02/21 17:31	06/03/21 17:36	1
Nickel	23		0.54	0.16	mg/Kg	✧	06/02/21 17:31	06/04/21 18:37	1
Potassium	1100		27	9.5	mg/Kg	✧	06/02/21 17:31	06/03/21 17:36	1
Selenium	0.38	J	0.54	0.31	mg/Kg	✧	06/02/21 17:31	06/03/21 17:36	1
Silver	0.33		0.27	0.069	mg/Kg	✧	06/02/21 17:31	06/03/21 17:36	1
Sodium	1400		54	7.9	mg/Kg	✧	06/02/21 17:31	06/03/21 17:36	1
Thallium	<0.54		0.54	0.27	mg/Kg	✧	06/02/21 17:31	06/03/21 17:36	1
Vanadium	20		0.27	0.063	mg/Kg	✧	06/02/21 17:31	06/03/21 17:36	1
Zinc	120		1.1	0.47	mg/Kg	✧	06/02/21 17:31	06/04/21 18:37	1

### Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/21 13:05	06/04/21 11:45	1

### Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 11:20	1

### Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.027		0.017	0.0056	mg/Kg	✧	06/03/21 14:00	06/04/21 07:48	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.7		0.2	0.2	SU			06/03/21 14:42	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-40(0-2)-052721**

**Lab Sample ID: 500-199832-11**

Date Collected: 05/27/21 10:25

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 87.2

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015		0.015	0.0064	mg/Kg	✱	05/28/21 17:40	06/02/21 15:49	1
Benzene	<0.0015		0.0015	0.00037	mg/Kg	✱	05/28/21 17:40	06/02/21 15:49	1
Bromodichloromethane	<0.0015		0.0015	0.00030	mg/Kg	✱	05/28/21 17:40	06/02/21 15:49	1
Bromoform	<0.0015		0.0015	0.00043	mg/Kg	✱	05/28/21 17:40	06/02/21 15:49	1
Bromomethane	<0.0037		0.0037	0.0014	mg/Kg	✱	05/28/21 17:40	06/02/21 15:49	1
Carbon disulfide	<0.0037		0.0037	0.00076	mg/Kg	✱	05/28/21 17:40	06/02/21 15:49	1
Carbon tetrachloride	<0.0015		0.0015	0.00043	mg/Kg	✱	05/28/21 17:40	06/02/21 15:49	1
Chlorobenzene	<0.0015		0.0015	0.00054	mg/Kg	✱	05/28/21 17:40	06/02/21 15:49	1
Chloroethane	<0.0037		0.0037	0.0011	mg/Kg	✱	05/28/21 17:40	06/02/21 15:49	1
Chloroform	<0.0015		0.0015	0.00051	mg/Kg	✱	05/28/21 17:40	06/02/21 15:49	1
Chloromethane	<0.0037		0.0037	0.0015	mg/Kg	✱	05/28/21 17:40	06/02/21 15:49	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00041	mg/Kg	✱	05/28/21 17:40	06/02/21 15:49	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00044	mg/Kg	✱	05/28/21 17:40	06/02/21 15:49	1
Dibromochloromethane	<0.0015		0.0015	0.00048	mg/Kg	✱	05/28/21 17:40	06/02/21 15:49	1
1,1-Dichloroethane	<0.0015		0.0015	0.00050	mg/Kg	✱	05/28/21 17:40	06/02/21 15:49	1
1,2-Dichloroethane	<0.0037		0.0037	0.0011	mg/Kg	✱	05/28/21 17:40	06/02/21 15:49	1
1,1-Dichloroethene	<0.0015		0.0015	0.00051	mg/Kg	✱	05/28/21 17:40	06/02/21 15:49	1
1,2-Dichloropropane	<0.0015		0.0015	0.00038	mg/Kg	✱	05/28/21 17:40	06/02/21 15:49	1
1,3-Dichloropropene, Total	<0.0015		0.0015	0.00052	mg/Kg	✱	05/28/21 17:40	06/02/21 15:49	1
Ethylbenzene	<0.0015		0.0015	0.00070	mg/Kg	✱	05/28/21 17:40	06/02/21 15:49	1
2-Hexanone	<0.0037		0.0037	0.0011	mg/Kg	✱	05/28/21 17:40	06/02/21 15:49	1
Methylene Chloride	<0.0037		0.0037	0.0014	mg/Kg	✱	05/28/21 17:40	06/02/21 15:49	1
Methyl Ethyl Ketone	<0.0037		0.0037	0.0016	mg/Kg	✱	05/28/21 17:40	06/02/21 15:49	1
methyl isobutyl ketone	<0.0037		0.0037	0.0011	mg/Kg	✱	05/28/21 17:40	06/02/21 15:49	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00043	mg/Kg	✱	05/28/21 17:40	06/02/21 15:49	1
Styrene	<0.0015		0.0015	0.00044	mg/Kg	✱	05/28/21 17:40	06/02/21 15:49	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00047	mg/Kg	✱	05/28/21 17:40	06/02/21 15:49	1
Tetrachloroethene	<0.0015		0.0015	0.00050	mg/Kg	✱	05/28/21 17:40	06/02/21 15:49	1
Toluene	<0.0015		0.0015	0.00037	mg/Kg	✱	05/28/21 17:40	06/02/21 15:49	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00065	mg/Kg	✱	05/28/21 17:40	06/02/21 15:49	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00052	mg/Kg	✱	05/28/21 17:40	06/02/21 15:49	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00049	mg/Kg	✱	05/28/21 17:40	06/02/21 15:49	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00063	mg/Kg	✱	05/28/21 17:40	06/02/21 15:49	1
Trichloroethene	<0.0015		0.0015	0.00050	mg/Kg	✱	05/28/21 17:40	06/02/21 15:49	1
Vinyl chloride	<0.0015		0.0015	0.00065	mg/Kg	✱	05/28/21 17:40	06/02/21 15:49	1
Xylenes, Total	<0.0029		0.0029	0.00047	mg/Kg	✱	05/28/21 17:40	06/02/21 15:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		75 - 131	05/28/21 17:40	06/02/21 15:49	1
Dibromofluoromethane	101		75 - 126	05/28/21 17:40	06/02/21 15:49	1
1,2-Dichloroethane-d4 (Surr)	114		70 - 134	05/28/21 17:40	06/02/21 15:49	1
Toluene-d8 (Surr)	106		75 - 124	05/28/21 17:40	06/02/21 15:49	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	✱	06/03/21 07:33	06/04/21 18:28	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	✱	06/03/21 07:33	06/04/21 18:28	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	✱	06/03/21 07:33	06/04/21 18:28	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	✱	06/03/21 07:33	06/04/21 18:28	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	✱	06/03/21 07:33	06/04/21 18:28	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-40(0-2)-052721**

**Lab Sample ID: 500-199832-11**

Date Collected: 05/27/21 10:25

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 87.2

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.087	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
2,4-Dichlorophenol	<0.38		0.38	0.090	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
2,4-Dimethylphenol	<0.38		0.38	0.14	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
2,4-Dinitrophenol	<0.77		0.77	0.67	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
2,4-Dinitrotoluene	<0.19		0.19	0.060	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
2,6-Dinitrotoluene	<0.19		0.19	0.075	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
2-Chlorophenol	<0.19	*+	0.19	0.065	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
<b>2-Methylnaphthalene</b>	<b>0.0080</b>	<b>J</b>	0.077	0.0070	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
2-Methylphenol	<0.19		0.19	0.061	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
2-Nitrophenol	<0.38		0.38	0.090	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
3 & 4 Methylphenol	<0.19		0.19	0.063	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
3,3'-Dichlorobenzidine	<0.19	*3	0.19	0.053	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
4,6-Dinitro-2-methylphenol	<0.77		0.77	0.31	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
4-Chloroaniline	<0.77		0.77	0.18	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
4-Nitrophenol	<0.77		0.77	0.36	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Acenaphthene	<0.038		0.038	0.0068	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
<b>Acenaphthylene</b>	<b>0.0096</b>	<b>J</b>	0.038	0.0050	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
<b>Anthracene</b>	<b>0.017</b>	<b>J</b>	0.038	0.0063	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
<b>Benzo[a]anthracene</b>	<b>0.081</b>	<b>*3</b>	0.038	0.0051	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
<b>Benzo[a]pyrene</b>	<b>0.12</b>	<b>*3</b>	0.038	0.0074	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
<b>Benzo[b]fluoranthene</b>	<b>0.20</b>	<b>*3</b>	0.038	0.0082	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
<b>Benzo[g,h,i]perylene</b>	<b>0.071</b>	<b>*3</b>	0.038	0.012	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
<b>Benzo[k]fluoranthene</b>	<b>0.093</b>	<b>*3</b>	0.038	0.011	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Bis(2-chloroethyl)ether	<0.19	*+	0.19	0.057	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Bis(2-ethylhexyl) phthalate	<0.19	*3	0.19	0.069	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Butyl benzyl phthalate	<0.19	*3	0.19	0.072	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Carbazole	<0.19		0.19	0.095	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
<b>Chrysene</b>	<b>0.12</b>	<b>*3</b>	0.038	0.010	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
<b>Dibenz(a,h)anthracene</b>	<b>0.0086</b>	<b>J *3</b>	0.038	0.0073	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Diethyl phthalate	<0.19		0.19	0.064	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Di-n-butyl phthalate	<0.19		0.19	0.058	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Di-n-octyl phthalate	<0.19		0.19	0.062	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
<b>Fluoranthene</b>	<b>0.12</b>		0.038	0.0070	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Fluorene	<0.038		0.038	0.0053	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Hexachlorobenzene	<0.077		0.077	0.0088	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Hexachlorobutadiene	<0.19		0.19	0.060	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Hexachlorocyclopentadiene	<0.77		0.77	0.22	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Hexachloroethane	<0.19		0.19	0.058	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-40(0-2)-052721**

**Lab Sample ID: 500-199832-11**

Date Collected: 05/27/21 10:25

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 87.2

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.044</b>	<b>*3</b>	0.038	0.0098	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
<b>Naphthalene</b>	<b>0.0093</b>	<b>J</b>	0.038	0.0058	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Nitrobenzene	<0.038		0.038	0.0095	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
N-Nitrosodi-n-propylamine	<0.077		0.077	0.046	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Pentachlorophenol	<0.77	*-	0.77	0.61	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
<b>Phenanthrene</b>	<b>0.064</b>		0.038	0.0053	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Phenol	<0.19		0.19	0.084	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
<b>Pyrene</b>	<b>0.23</b>	<b>*3</b>	0.038	0.0075	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	90		31 - 143				06/03/21 07:33	06/04/21 18:28	1
2-Fluorobiphenyl	89		43 - 145				06/03/21 07:33	06/04/21 18:28	1
2-Fluorophenol	64		31 - 166				06/03/21 07:33	06/04/21 18:28	1
Nitrobenzene-d5	68		37 - 147				06/03/21 07:33	06/04/21 18:28	1
Phenol-d5	74		30 - 153				06/03/21 07:33	06/04/21 18:28	1
Terphenyl-d14	163	S1+ *3	42 - 157				06/03/21 07:33	06/04/21 18:28	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:28	06/04/21 11:47	1
<b>Barium</b>	<b>0.71</b>		0.50	0.050	mg/L		06/03/21 18:28	06/04/21 11:47	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:28	06/04/21 11:47	1
<b>Cadmium</b>	<b>0.0024</b>	<b>J</b>	0.0050	0.0020	mg/L		06/03/21 18:28	06/04/21 11:47	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:47	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:47	1
Copper	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:47	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:28	06/04/21 11:47	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/21 18:28	06/04/21 11:47	1
<b>Manganese</b>	<b>1.3</b>		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:47	1
<b>Nickel</b>	<b>0.012</b>	<b>J</b>	0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:47	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:28	06/04/21 11:47	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:47	1
<b>Zinc</b>	<b>0.11</b>	<b>J</b>	0.50	0.020	mg/L		06/03/21 18:28	06/04/21 11:47	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.051</b>		0.050	0.010	mg/L		06/03/21 18:31	06/04/21 12:22	1
<b>Barium</b>	<b>0.74</b>		0.50	0.050	mg/L		06/03/21 18:31	06/04/21 12:22	1
<b>Beryllium</b>	<b>0.0088</b>		0.0040	0.0040	mg/L		06/03/21 18:31	06/04/21 12:22	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:31	06/04/21 12:22	1
<b>Chromium</b>	<b>0.17</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:22	1
<b>Cobalt</b>	<b>0.059</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:22	1
<b>Copper</b>	<b>0.18</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:22	1
<b>Iron</b>	<b>160</b>		0.40	0.20	mg/L		06/03/21 18:31	06/04/21 12:22	1
<b>Lead</b>	<b>0.13</b>		0.0075	0.0075	mg/L		06/03/21 18:31	06/04/21 12:22	1
<b>Manganese</b>	<b>0.88</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:22	1
<b>Nickel</b>	<b>0.18</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:22	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:31	06/04/21 12:22	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-40(0-2)-052721**

**Lab Sample ID: 500-199832-11**

Date Collected: 05/27/21 10:25

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 87.2

### Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:22	1
<b>Zinc</b>	<b>0.46</b>	<b>J</b>	0.50	0.020	mg/L		06/03/21 18:31	06/04/21 12:22	1

### Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Antimony</b>	<b>0.57</b>	<b>J</b>	1.1	0.21	mg/Kg	✧	06/02/21 17:31	06/03/21 17:46	1
<b>Arsenic</b>	<b>3.9</b>		0.55	0.19	mg/Kg	✧	06/02/21 17:31	06/03/21 17:46	1
<b>Barium</b>	<b>62</b>		0.55	0.063	mg/Kg	✧	06/02/21 17:31	06/03/21 17:46	1
<b>Beryllium</b>	<b>0.67</b>		0.22	0.052	mg/Kg	✧	06/02/21 17:31	06/03/21 17:46	1
<b>Cadmium</b>	<b>0.26</b>		0.11	0.020	mg/Kg	✧	06/02/21 17:31	06/03/21 17:46	1
<b>Calcium</b>	<b>67000</b>	<b>B</b>	55	9.4	mg/Kg	✧	06/02/21 17:31	06/04/21 18:48	5
<b>Chromium</b>	<b>19</b>		0.55	0.27	mg/Kg	✧	06/02/21 17:31	06/03/21 17:46	1
<b>Cobalt</b>	<b>10</b>		0.28	0.072	mg/Kg	✧	06/02/21 17:31	06/03/21 17:46	1
<b>Copper</b>	<b>21</b>		0.55	0.15	mg/Kg	✧	06/02/21 17:31	06/03/21 17:46	1
<b>Iron</b>	<b>15000</b>		11	5.7	mg/Kg	✧	06/02/21 17:31	06/03/21 17:46	1
<b>Lead</b>	<b>35</b>		0.28	0.13	mg/Kg	✧	06/02/21 17:31	06/03/21 17:46	1
<b>Magnesium</b>	<b>29000</b>	<b>B</b>	5.5	2.7	mg/Kg	✧	06/02/21 17:31	06/03/21 17:46	1
<b>Manganese</b>	<b>320</b>		0.55	0.080	mg/Kg	✧	06/02/21 17:31	06/03/21 17:46	1
<b>Nickel</b>	<b>27</b>		0.55	0.16	mg/Kg	✧	06/02/21 17:31	06/04/21 18:45	1
<b>Potassium</b>	<b>2000</b>		28	9.8	mg/Kg	✧	06/02/21 17:31	06/03/21 17:46	1
Selenium	<0.55		0.55	0.32	mg/Kg	✧	06/02/21 17:31	06/03/21 17:46	1
<b>Silver</b>	<b>0.36</b>		0.28	0.071	mg/Kg	✧	06/02/21 17:31	06/03/21 17:46	1
<b>Sodium</b>	<b>1100</b>		55	8.2	mg/Kg	✧	06/02/21 17:31	06/03/21 17:46	1
Thallium	<0.55		0.55	0.28	mg/Kg	✧	06/02/21 17:31	06/03/21 17:46	1
<b>Vanadium</b>	<b>20</b>		0.28	0.065	mg/Kg	✧	06/02/21 17:31	06/03/21 17:46	1
<b>Zinc</b>	<b>88</b>		1.1	0.48	mg/Kg	✧	06/02/21 17:31	06/04/21 18:45	1

### Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/21 13:05	06/04/21 11:56	1

### Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 11:22	1

### Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.020</b>		0.018	0.0061	mg/Kg	✧	06/03/21 14:00	06/04/21 07:50	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.4</b>		0.2	0.2	SU			06/03/21 14:42	1



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-38(0-2)-052721**

**Lab Sample ID: 500-199832-12**

**Date Collected: 05/27/21 10:40**

**Matrix: Solid**

**Date Received: 05/27/21 16:55**

**Percent Solids: 82.5**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.021		0.021	0.0092	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
Benzene	<0.0021		0.0021	0.00054	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
Bromodichloromethane	<0.0021		0.0021	0.00043	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
Bromoform	<0.0021		0.0021	0.00062	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
Bromomethane	<0.0053		0.0053	0.0020	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
Carbon disulfide	<0.0053		0.0053	0.0011	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
Carbon tetrachloride	<0.0021		0.0021	0.00061	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
Chlorobenzene	<0.0021		0.0021	0.00078	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
Chloroethane	<0.0053		0.0053	0.0016	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
Chloroform	<0.0021		0.0021	0.00073	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
Chloromethane	<0.0053		0.0053	0.0021	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
cis-1,2-Dichloroethene	<0.0021		0.0021	0.00059	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
cis-1,3-Dichloropropene	<0.0021		0.0021	0.00064	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
Dibromochloromethane	<0.0021		0.0021	0.00069	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
1,1-Dichloroethane	<0.0021		0.0021	0.00072	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
1,2-Dichloroethane	<0.0053		0.0053	0.0016	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
1,1-Dichloroethene	<0.0021		0.0021	0.00073	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
1,2-Dichloropropane	<0.0021		0.0021	0.00054	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
1,3-Dichloropropene, Total	<0.0021		0.0021	0.00074	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
Ethylbenzene	<0.0021		0.0021	0.0010	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
2-Hexanone	<0.0053		0.0053	0.0016	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
Methylene Chloride	<0.0053		0.0053	0.0021	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
Methyl Ethyl Ketone	<0.0053		0.0053	0.0023	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
methyl isobutyl ketone	<0.0053		0.0053	0.0016	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
Methyl tert-butyl ether	<0.0021		0.0021	0.00062	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
Styrene	<0.0021		0.0021	0.00064	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
1,1,2,2-Tetrachloroethane	<0.0021		0.0021	0.00067	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
Tetrachloroethene	<0.0021		0.0021	0.00072	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
Toluene	<0.0021		0.0021	0.00053	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
trans-1,2-Dichloroethene	<0.0021		0.0021	0.00093	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
trans-1,3-Dichloropropene	<0.0021		0.0021	0.00074	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
1,1,1-Trichloroethane	<0.0021		0.0021	0.00071	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
1,1,2-Trichloroethane	<0.0021		0.0021	0.00090	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
Trichloroethene	<0.0021		0.0021	0.00071	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
Vinyl chloride	<0.0021		0.0021	0.00093	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
Xylenes, Total	<0.0042		0.0042	0.00067	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		75 - 131	05/28/21 17:40	06/03/21 14:29	1
Dibromofluoromethane	103		75 - 126	05/28/21 17:40	06/03/21 14:29	1
1,2-Dichloroethane-d4 (Surr)	115		70 - 134	05/28/21 17:40	06/03/21 14:29	1
Toluene-d8 (Surr)	101		75 - 124	05/28/21 17:40	06/03/21 14:29	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.043	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
1,4-Dichlorobenzene	<0.20		0.20	0.051	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-38(0-2)-052721**

**Lab Sample ID: 500-199832-12**

**Date Collected: 05/27/21 10:40**

**Matrix: Solid**

**Date Received: 05/27/21 16:55**

**Percent Solids: 82.5**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.090	mg/Kg	✳	06/03/21 07:33	06/03/21 19:32	1
2,4,6-Trichlorophenol	<0.39		0.39	0.14	mg/Kg	✳	06/03/21 07:33	06/03/21 19:32	1
2,4-Dichlorophenol	<0.39		0.39	0.094	mg/Kg	✳	06/03/21 07:33	06/03/21 19:32	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	✳	06/03/21 07:33	06/03/21 19:32	1
2,4-Dinitrophenol	<0.80		0.80	0.70	mg/Kg	✳	06/03/21 07:33	06/03/21 19:32	1
2,4-Dinitrotoluene	<0.20		0.20	0.063	mg/Kg	✳	06/03/21 07:33	06/03/21 19:32	1
2,6-Dinitrotoluene	<0.20		0.20	0.078	mg/Kg	✳	06/03/21 07:33	06/03/21 19:32	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	✳	06/03/21 07:33	06/03/21 19:32	1
2-Chlorophenol	<0.20	+	0.20	0.067	mg/Kg	✳	06/03/21 07:33	06/03/21 19:32	1
2-Methylnaphthalene	<0.080		0.080	0.0073	mg/Kg	✳	06/03/21 07:33	06/03/21 19:32	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	✳	06/03/21 07:33	06/03/21 19:32	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	✳	06/03/21 07:33	06/03/21 19:32	1
2-Nitrophenol	<0.39		0.39	0.093	mg/Kg	✳	06/03/21 07:33	06/03/21 19:32	1
3 & 4 Methylphenol	<0.20		0.20	0.066	mg/Kg	✳	06/03/21 07:33	06/03/21 19:32	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	✳	06/03/21 07:33	06/03/21 19:32	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	✳	06/03/21 07:33	06/03/21 19:32	1
4,6-Dinitro-2-methylphenol	<0.80		0.80	0.32	mg/Kg	✳	06/03/21 07:33	06/03/21 19:32	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	✳	06/03/21 07:33	06/03/21 19:32	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	✳	06/03/21 07:33	06/03/21 19:32	1
4-Chloroaniline	<0.80		0.80	0.19	mg/Kg	✳	06/03/21 07:33	06/03/21 19:32	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	✳	06/03/21 07:33	06/03/21 19:32	1
4-Nitroaniline	<0.39		0.39	0.17	mg/Kg	✳	06/03/21 07:33	06/03/21 19:32	1
4-Nitrophenol	<0.80		0.80	0.38	mg/Kg	✳	06/03/21 07:33	06/03/21 19:32	1
Acenaphthene	<0.039		0.039	0.0071	mg/Kg	✳	06/03/21 07:33	06/03/21 19:32	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	✳	06/03/21 07:33	06/03/21 19:32	1
Anthracene	<0.039		0.039	0.0066	mg/Kg	✳	06/03/21 07:33	06/03/21 19:32	1
<b>Benzo[a]anthracene</b>	<b>0.016</b>	<b>J</b>	0.039	0.0053	mg/Kg	✳	06/03/21 07:33	06/03/21 19:32	1
<b>Benzo[a]pyrene</b>	<b>0.021</b>	<b>J</b>	0.039	0.0076	mg/Kg	✳	06/03/21 07:33	06/03/21 19:32	1
<b>Benzo[b]fluoranthene</b>	<b>0.035</b>	<b>J</b>	0.039	0.0085	mg/Kg	✳	06/03/21 07:33	06/03/21 19:32	1
<b>Benzo[g,h,i]perylene</b>	<b>0.018</b>	<b>J</b>	0.039	0.013	mg/Kg	✳	06/03/21 07:33	06/03/21 19:32	1
<b>Benzo[k]fluoranthene</b>	<b>0.012</b>	<b>J</b>	0.039	0.012	mg/Kg	✳	06/03/21 07:33	06/03/21 19:32	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	✳	06/03/21 07:33	06/03/21 19:32	1
Bis(2-chloroethyl)ether	<0.20	+	0.20	0.059	mg/Kg	✳	06/03/21 07:33	06/03/21 19:32	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	✳	06/03/21 07:33	06/03/21 19:32	1
Butyl benzyl phthalate	<0.20		0.20	0.075	mg/Kg	✳	06/03/21 07:33	06/03/21 19:32	1
Carbazole	<0.20		0.20	0.099	mg/Kg	✳	06/03/21 07:33	06/03/21 19:32	1
<b>Chrysene</b>	<b>0.025</b>	<b>J</b>	0.039	0.011	mg/Kg	✳	06/03/21 07:33	06/03/21 19:32	1
Dibenz(a,h)anthracene	<0.039		0.039	0.0076	mg/Kg	✳	06/03/21 07:33	06/03/21 19:32	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	✳	06/03/21 07:33	06/03/21 19:32	1
Diethyl phthalate	<0.20		0.20	0.067	mg/Kg	✳	06/03/21 07:33	06/03/21 19:32	1
Dimethyl phthalate	<0.20		0.20	0.052	mg/Kg	✳	06/03/21 07:33	06/03/21 19:32	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	✳	06/03/21 07:33	06/03/21 19:32	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	✳	06/03/21 07:33	06/03/21 19:32	1
<b>Fluoranthene</b>	<b>0.028</b>	<b>J</b>	0.039	0.0073	mg/Kg	✳	06/03/21 07:33	06/03/21 19:32	1
Fluorene	<0.039		0.039	0.0056	mg/Kg	✳	06/03/21 07:33	06/03/21 19:32	1
Hexachlorobenzene	<0.080		0.080	0.0092	mg/Kg	✳	06/03/21 07:33	06/03/21 19:32	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	✳	06/03/21 07:33	06/03/21 19:32	1
Hexachlorocyclopentadiene	<0.80		0.80	0.23	mg/Kg	✳	06/03/21 07:33	06/03/21 19:32	1
Hexachloroethane	<0.20		0.20	0.060	mg/Kg	✳	06/03/21 07:33	06/03/21 19:32	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-38(0-2)-052721**

**Lab Sample ID: 500-199832-12**

Date Collected: 05/27/21 10:40

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 82.5

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.016</b>	<b>J</b>	0.039	0.010	mg/Kg	☼	06/03/21 07:33	06/03/21 19:32	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	06/03/21 07:33	06/03/21 19:32	1
Naphthalene	<0.039		0.039	0.0061	mg/Kg	☼	06/03/21 07:33	06/03/21 19:32	1
Nitrobenzene	<0.039		0.039	0.0099	mg/Kg	☼	06/03/21 07:33	06/03/21 19:32	1
N-Nitrosodi-n-propylamine	<0.080		0.080	0.048	mg/Kg	☼	06/03/21 07:33	06/03/21 19:32	1
N-Nitrosodiphenylamine	<0.20		0.20	0.047	mg/Kg	☼	06/03/21 07:33	06/03/21 19:32	1
Pentachlorophenol	<0.80	*	0.80	0.63	mg/Kg	☼	06/03/21 07:33	06/03/21 19:32	1
<b>Phenanthrene</b>	<b>0.012</b>	<b>J</b>	0.039	0.0055	mg/Kg	☼	06/03/21 07:33	06/03/21 19:32	1
Phenol	<0.20		0.20	0.088	mg/Kg	☼	06/03/21 07:33	06/03/21 19:32	1
<b>Pyrene</b>	<b>0.029</b>	<b>J</b>	0.039	0.0078	mg/Kg	☼	06/03/21 07:33	06/03/21 19:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	76		31 - 143				06/03/21 07:33	06/03/21 19:32	1
2-Fluorobiphenyl	72		43 - 145				06/03/21 07:33	06/03/21 19:32	1
2-Fluorophenol	86		31 - 166				06/03/21 07:33	06/03/21 19:32	1
Nitrobenzene-d5	71		37 - 147				06/03/21 07:33	06/03/21 19:32	1
Phenol-d5	90		30 - 153				06/03/21 07:33	06/03/21 19:32	1
Terphenyl-d14	100		42 - 157				06/03/21 07:33	06/03/21 19:32	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:28	06/04/21 11:50	1
<b>Barium</b>	<b>0.83</b>		0.50	0.050	mg/L		06/03/21 18:28	06/04/21 11:50	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:28	06/04/21 11:50	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:28	06/04/21 11:50	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:50	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:50	1
Copper	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:50	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:28	06/04/21 11:50	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/21 18:28	06/04/21 11:50	1
<b>Manganese</b>	<b>0.57</b>		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:50	1
Nickel	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:50	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:28	06/04/21 11:50	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:50	1
<b>Zinc</b>	<b>0.081</b>	<b>J</b>	0.50	0.020	mg/L		06/03/21 18:28	06/04/21 11:50	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.035</b>	<b>J</b>	0.050	0.010	mg/L		06/03/21 18:31	06/04/21 12:25	1
<b>Barium</b>	<b>0.66</b>		0.50	0.050	mg/L		06/03/21 18:31	06/04/21 12:25	1
<b>Beryllium</b>	<b>0.0043</b>		0.0040	0.0040	mg/L		06/03/21 18:31	06/04/21 12:25	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:31	06/04/21 12:25	1
<b>Chromium</b>	<b>0.10</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:25	1
<b>Cobalt</b>	<b>0.020</b>	<b>J</b>	0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:25	1
<b>Copper</b>	<b>0.080</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:25	1
<b>Iron</b>	<b>110</b>		0.40	0.20	mg/L		06/03/21 18:31	06/04/21 12:25	1
<b>Lead</b>	<b>0.064</b>		0.0075	0.0075	mg/L		06/03/21 18:31	06/04/21 12:25	1
<b>Manganese</b>	<b>0.85</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:25	1
<b>Nickel</b>	<b>0.076</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:25	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:31	06/04/21 12:25	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-38(0-2)-052721**

**Lab Sample ID: 500-199832-12**

Date Collected: 05/27/21 10:40

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 82.5

### Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:25	1
<b>Zinc</b>	<b>0.33</b>	<b>J</b>	0.50	0.020	mg/L		06/03/21 18:31	06/04/21 12:25	1

### Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Antimony</b>	<b>0.45</b>	<b>J</b>	1.2	0.23	mg/Kg	✧	06/02/21 17:31	06/03/21 17:50	1
<b>Arsenic</b>	<b>6.2</b>		0.58	0.20	mg/Kg	✧	06/02/21 17:31	06/03/21 17:50	1
<b>Barium</b>	<b>100</b>		0.58	0.066	mg/Kg	✧	06/02/21 17:31	06/03/21 17:50	1
<b>Beryllium</b>	<b>0.65</b>		0.23	0.054	mg/Kg	✧	06/02/21 17:31	06/03/21 17:50	1
<b>Cadmium</b>	<b>0.21</b>		0.12	0.021	mg/Kg	✧	06/02/21 17:31	06/03/21 17:50	1
<b>Calcium</b>	<b>25000</b>	<b>B</b>	12	2.0	mg/Kg	✧	06/02/21 17:31	06/03/21 17:50	1
<b>Chromium</b>	<b>20</b>		0.58	0.29	mg/Kg	✧	06/02/21 17:31	06/03/21 17:50	1
<b>Cobalt</b>	<b>9.9</b>		0.29	0.076	mg/Kg	✧	06/02/21 17:31	06/03/21 17:50	1
<b>Copper</b>	<b>19</b>		0.58	0.16	mg/Kg	✧	06/02/21 17:31	06/03/21 17:50	1
<b>Iron</b>	<b>15000</b>		12	6.1	mg/Kg	✧	06/02/21 17:31	06/03/21 17:50	1
<b>Lead</b>	<b>39</b>		0.29	0.13	mg/Kg	✧	06/02/21 17:31	06/03/21 17:50	1
<b>Magnesium</b>	<b>17000</b>	<b>B</b>	5.8	2.9	mg/Kg	✧	06/02/21 17:31	06/03/21 17:50	1
<b>Manganese</b>	<b>370</b>		0.58	0.084	mg/Kg	✧	06/02/21 17:31	06/03/21 17:50	1
<b>Nickel</b>	<b>26</b>		0.58	0.17	mg/Kg	✧	06/02/21 17:31	06/04/21 18:52	1
<b>Potassium</b>	<b>890</b>		29	10	mg/Kg	✧	06/02/21 17:31	06/03/21 17:50	1
Selenium	<0.58		0.58	0.34	mg/Kg	✧	06/02/21 17:31	06/03/21 17:50	1
<b>Silver</b>	<b>0.44</b>		0.29	0.075	mg/Kg	✧	06/02/21 17:31	06/03/21 17:50	1
<b>Sodium</b>	<b>2600</b>		58	8.6	mg/Kg	✧	06/02/21 17:31	06/03/21 17:50	1
Thallium	<0.58		0.58	0.29	mg/Kg	✧	06/02/21 17:31	06/03/21 17:50	1
<b>Vanadium</b>	<b>28</b>		0.29	0.069	mg/Kg	✧	06/02/21 17:31	06/03/21 17:50	1
<b>Zinc</b>	<b>100</b>		1.2	0.51	mg/Kg	✧	06/02/21 17:31	06/04/21 18:52	1

### Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/21 13:05	06/04/21 11:58	1

### Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 11:25	1

### Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.043</b>	<b>F1</b>	0.018	0.0059	mg/Kg	✧	06/03/21 14:00	06/04/21 07:52	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>7.8</b>		0.2	0.2	SU			06/03/21 14:42	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-38(0-2)-052721D**

**Lab Sample ID: 500-199832-13**

**Date Collected: 05/27/21 10:40**

**Matrix: Solid**

**Date Received: 05/27/21 16:55**

**Percent Solids: 81.1**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.019		0.019	0.0081	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
Benzene	<0.0019		0.0019	0.00047	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
Bromodichloromethane	<0.0019		0.0019	0.00038	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
Bromoform	<0.0019		0.0019	0.00054	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
Bromomethane	<0.0047		0.0047	0.0018	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
Carbon disulfide	<0.0047		0.0047	0.00097	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
Carbon tetrachloride	<0.0019		0.0019	0.00054	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
Chlorobenzene	<0.0019		0.0019	0.00069	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
Chloroethane	<0.0047		0.0047	0.0014	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
Chloroform	<0.0019		0.0019	0.00065	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
Chloromethane	<0.0047		0.0047	0.0019	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00052	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00056	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
Dibromochloromethane	<0.0019		0.0019	0.00061	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
1,1-Dichloroethane	<0.0019		0.0019	0.00064	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
1,2-Dichloroethane	<0.0047		0.0047	0.0015	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
1,1-Dichloroethene	<0.0019		0.0019	0.00064	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
1,2-Dichloropropane	<0.0019		0.0019	0.00048	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00065	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
Ethylbenzene	<0.0019		0.0019	0.00089	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
2-Hexanone	<0.0047		0.0047	0.0015	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
Methylene Chloride	<0.0047		0.0047	0.0018	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
Methyl Ethyl Ketone	<0.0047		0.0047	0.0021	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
methyl isobutyl ketone	<0.0047		0.0047	0.0014	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00055	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
Styrene	<0.0019		0.0019	0.00056	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00059	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
Tetrachloroethene	<0.0019		0.0019	0.00063	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
Toluene	<0.0019		0.0019	0.00047	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00082	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00065	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00062	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00080	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
Trichloroethene	<0.0019		0.0019	0.00063	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
Vinyl chloride	<0.0019		0.0019	0.00082	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
Xylenes, Total	<0.0037		0.0037	0.00060	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		75 - 131	05/28/21 17:40	06/03/21 14:55	1
Dibromofluoromethane	103		75 - 126	05/28/21 17:40	06/03/21 14:55	1
1,2-Dichloroethane-d4 (Surr)	116		70 - 134	05/28/21 17:40	06/03/21 14:55	1
Toluene-d8 (Surr)	103		75 - 124	05/28/21 17:40	06/03/21 14:55	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.042	mg/Kg	☼	06/03/21 07:33	06/03/21 19:52	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	06/03/21 07:33	06/03/21 19:52	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	06/03/21 07:33	06/03/21 19:52	1
1,4-Dichlorobenzene	<0.20		0.20	0.050	mg/Kg	☼	06/03/21 07:33	06/03/21 19:52	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.045	mg/Kg	☼	06/03/21 07:33	06/03/21 19:52	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-38(0-2)-052721D**

**Lab Sample ID: 500-199832-13**

Date Collected: 05/27/21 10:40

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 81.1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.089	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
2,4,6-Trichlorophenol	<0.39		0.39	0.13	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
2,4-Dichlorophenol	<0.39		0.39	0.093	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
2,4-Dinitrophenol	<0.79		0.79	0.69	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
2,4-Dinitrotoluene	<0.20		0.20	0.062	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
2,6-Dinitrotoluene	<0.20		0.20	0.077	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
2-Chloronaphthalene	<0.20		0.20	0.043	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
2-Chlorophenol	<0.20	+	0.20	0.067	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
2-Methylnaphthalene	<0.079		0.079	0.0072	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
2-Nitrophenol	<0.39		0.39	0.093	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
3 & 4 Methylphenol	<0.20		0.20	0.065	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.32	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
4-Chloroaniline	<0.79		0.79	0.18	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
4-Nitroaniline	<0.39		0.39	0.16	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
4-Nitrophenol	<0.79		0.79	0.37	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
Acenaphthene	<0.039		0.039	0.0070	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
<b>Anthracene</b>	<b>0.0066</b>	<b>J</b>	0.039	0.0065	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
<b>Benzo[a]anthracene</b>	<b>0.026</b>	<b>J</b>	0.039	0.0053	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
<b>Benzo[a]pyrene</b>	<b>0.034</b>	<b>J</b>	0.039	0.0076	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
<b>Benzo[b]fluoranthene</b>	<b>0.057</b>		0.039	0.0085	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
<b>Benzo[g,h,i]perylene</b>	<b>0.024</b>	<b>J</b>	0.039	0.013	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
<b>Benzo[k]fluoranthene</b>	<b>0.021</b>	<b>J</b>	0.039	0.012	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
Bis(2-chloroethyl)ether	<0.20	+	0.20	0.059	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
Butyl benzyl phthalate	<0.20		0.20	0.075	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
Carbazole	<0.20		0.20	0.098	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
<b>Chrysene</b>	<b>0.038</b>	<b>J</b>	0.039	0.011	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
Dibenz(a,h)anthracene	<0.039		0.039	0.0076	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
Diethyl phthalate	<0.20		0.20	0.066	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
Dimethyl phthalate	<0.20		0.20	0.051	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
<b>Fluoranthene</b>	<b>0.055</b>		0.039	0.0073	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
Fluorene	<0.039		0.039	0.0055	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
Hexachlorobenzene	<0.079		0.079	0.0091	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
Hexachlorocyclopentadiene	<0.79		0.79	0.23	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
Hexachloroethane	<0.20		0.20	0.060	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1

Euofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-38(0-2)-052721D**

**Lab Sample ID: 500-199832-13**

Date Collected: 05/27/21 10:40

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 81.1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.020</b>	<b>J</b>	0.039	0.010	mg/Kg	☼	06/03/21 07:33	06/03/21 19:52	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	06/03/21 07:33	06/03/21 19:52	1
Naphthalene	<0.039		0.039	0.0060	mg/Kg	☼	06/03/21 07:33	06/03/21 19:52	1
Nitrobenzene	<0.039		0.039	0.0098	mg/Kg	☼	06/03/21 07:33	06/03/21 19:52	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.048	mg/Kg	☼	06/03/21 07:33	06/03/21 19:52	1
N-Nitrosodiphenylamine	<0.20		0.20	0.046	mg/Kg	☼	06/03/21 07:33	06/03/21 19:52	1
Pentachlorophenol	<0.79	*	0.79	0.63	mg/Kg	☼	06/03/21 07:33	06/03/21 19:52	1
<b>Phenanthrene</b>	<b>0.028</b>	<b>J</b>	0.039	0.0055	mg/Kg	☼	06/03/21 07:33	06/03/21 19:52	1
Phenol	<0.20		0.20	0.087	mg/Kg	☼	06/03/21 07:33	06/03/21 19:52	1
<b>Pyrene</b>	<b>0.055</b>		0.039	0.0078	mg/Kg	☼	06/03/21 07:33	06/03/21 19:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	69		31 - 143				06/03/21 07:33	06/03/21 19:52	1
2-Fluorobiphenyl	59		43 - 145				06/03/21 07:33	06/03/21 19:52	1
2-Fluorophenol	64		31 - 166				06/03/21 07:33	06/03/21 19:52	1
Nitrobenzene-d5	51		37 - 147				06/03/21 07:33	06/03/21 19:52	1
Phenol-d5	72		30 - 153				06/03/21 07:33	06/03/21 19:52	1
Terphenyl-d14	97		42 - 157				06/03/21 07:33	06/03/21 19:52	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:28	06/04/21 11:54	1
<b>Barium</b>	<b>0.85</b>		0.50	0.050	mg/L		06/03/21 18:28	06/04/21 11:54	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:28	06/04/21 11:54	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:28	06/04/21 11:54	1
<b>Chromium</b>	<b>0.013</b>	<b>J</b>	0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:54	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:54	1
Copper	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:54	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:28	06/04/21 11:54	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/21 18:28	06/04/21 11:54	1
<b>Manganese</b>	<b>0.63</b>		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:54	1
<b>Nickel</b>	<b>0.022</b>	<b>J</b>	0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:54	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:28	06/04/21 11:54	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:54	1
<b>Zinc</b>	<b>0.087</b>	<b>J</b>	0.50	0.020	mg/L		06/03/21 18:28	06/04/21 11:54	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.040</b>	<b>J</b>	0.050	0.010	mg/L		06/03/21 18:31	06/04/21 12:28	1
<b>Barium</b>	<b>0.78</b>		0.50	0.050	mg/L		06/03/21 18:31	06/04/21 12:28	1
<b>Beryllium</b>	<b>0.0051</b>		0.0040	0.0040	mg/L		06/03/21 18:31	06/04/21 12:28	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:31	06/04/21 12:28	1
<b>Chromium</b>	<b>0.12</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:28	1
<b>Cobalt</b>	<b>0.024</b>	<b>J</b>	0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:28	1
<b>Copper</b>	<b>0.093</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:28	1
<b>Iron</b>	<b>130</b>		0.40	0.20	mg/L		06/03/21 18:31	06/04/21 12:28	1
<b>Lead</b>	<b>0.075</b>		0.0075	0.0075	mg/L		06/03/21 18:31	06/04/21 12:28	1
<b>Manganese</b>	<b>0.96</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:28	1
<b>Nickel</b>	<b>0.088</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:28	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:31	06/04/21 12:28	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-38(0-2)-052721D**

**Lab Sample ID: 500-199832-13**

Date Collected: 05/27/21 10:40

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 81.1

### Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:28	1
Zinc	0.34	J	0.50	0.020	mg/L		06/03/21 18:31	06/04/21 12:28	1

### Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.79	J	1.2	0.23	mg/Kg	☆	06/02/21 17:31	06/03/21 17:53	1
Arsenic	7.4		0.59	0.20	mg/Kg	☆	06/02/21 17:31	06/03/21 17:53	1
Barium	120		0.59	0.067	mg/Kg	☆	06/02/21 17:31	06/03/21 17:53	1
Beryllium	0.70		0.24	0.055	mg/Kg	☆	06/02/21 17:31	06/03/21 17:53	1
Cadmium	0.13		0.12	0.021	mg/Kg	☆	06/02/21 17:31	06/03/21 17:53	1
Calcium	3800	B	12	2.0	mg/Kg	☆	06/02/21 17:31	06/03/21 17:53	1
Chromium	18		0.59	0.29	mg/Kg	☆	06/02/21 17:31	06/03/21 17:53	1
Cobalt	11		0.29	0.077	mg/Kg	☆	06/02/21 17:31	06/03/21 17:53	1
Copper	16		0.59	0.16	mg/Kg	☆	06/02/21 17:31	06/03/21 17:53	1
Iron	17000		12	6.1	mg/Kg	☆	06/02/21 17:31	06/03/21 17:53	1
Lead	22		0.29	0.14	mg/Kg	☆	06/02/21 17:31	06/03/21 17:53	1
Magnesium	3900	B	5.9	2.9	mg/Kg	☆	06/02/21 17:31	06/03/21 17:53	1
Manganese	450		0.59	0.085	mg/Kg	☆	06/02/21 17:31	06/03/21 17:53	1
Nickel	20		0.59	0.17	mg/Kg	☆	06/02/21 17:31	06/04/21 18:56	1
Potassium	890		29	10	mg/Kg	☆	06/02/21 17:31	06/03/21 17:53	1
Selenium	0.40	J	0.59	0.35	mg/Kg	☆	06/02/21 17:31	06/03/21 17:53	1
Silver	0.52		0.29	0.076	mg/Kg	☆	06/02/21 17:31	06/03/21 17:53	1
Sodium	3000		59	8.7	mg/Kg	☆	06/02/21 17:31	06/03/21 17:53	1
Thallium	<0.59		0.59	0.29	mg/Kg	☆	06/02/21 17:31	06/03/21 17:53	1
Vanadium	31		0.29	0.070	mg/Kg	☆	06/02/21 17:31	06/03/21 17:53	1
Zinc	71		1.2	0.52	mg/Kg	☆	06/02/21 17:31	06/04/21 18:56	1

### Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/21 13:05	06/04/21 12:00	1

### Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 11:27	1

### Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.051		0.019	0.0064	mg/Kg	☆	06/03/21 14:00	06/04/21 07:59	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.9		0.2	0.2	SU			06/03/21 14:42	1



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-36(0-2)-052721**

**Lab Sample ID: 500-199832-14**

**Date Collected: 05/27/21 11:00**

**Matrix: Solid**

**Date Received: 05/27/21 16:55**

**Percent Solids: 89.1**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0073	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
Benzene	<0.0017		0.0017	0.00043	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
Bromodichloromethane	<0.0017		0.0017	0.00034	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
Bromoform	<0.0017		0.0017	0.00049	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
Bromomethane	<0.0042		0.0042	0.0016	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
Carbon disulfide	<0.0042		0.0042	0.00087	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
Carbon tetrachloride	<0.0017		0.0017	0.00049	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
Chlorobenzene	<0.0017		0.0017	0.00062	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
Chloroethane	<0.0042		0.0042	0.0012	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
Chloroform	<0.0017		0.0017	0.00058	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
Chloromethane	<0.0042		0.0042	0.0017	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00047	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00051	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
Dibromochloromethane	<0.0017		0.0017	0.00055	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
1,1-Dichloroethane	<0.0017		0.0017	0.00058	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
1,2-Dichloroethane	<0.0042		0.0042	0.0013	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
1,1-Dichloroethene	<0.0017		0.0017	0.00058	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
1,2-Dichloropropane	<0.0017		0.0017	0.00043	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00059	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
Ethylbenzene	<0.0017		0.0017	0.00080	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
2-Hexanone	<0.0042		0.0042	0.0013	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
Methylene Chloride	<0.0042		0.0042	0.0017	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
Methyl Ethyl Ketone	<0.0042		0.0042	0.0019	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
methyl isobutyl ketone	<0.0042		0.0042	0.0012	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00049	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
Styrene	<0.0017		0.0017	0.00051	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00054	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
Tetrachloroethene	<0.0017		0.0017	0.00057	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
Toluene	<0.0017		0.0017	0.00042	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00074	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00059	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00056	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00072	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
Trichloroethene	<0.0017		0.0017	0.00057	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
Vinyl chloride	<0.0017		0.0017	0.00074	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
Xylenes, Total	<0.0034		0.0034	0.00054	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		75 - 131	05/28/21 17:40	06/02/21 17:07	1
Dibromofluoromethane	109		75 - 126	05/28/21 17:40	06/02/21 17:07	1
1,2-Dichloroethane-d4 (Surr)	117		70 - 134	05/28/21 17:40	06/02/21 17:07	1
Toluene-d8 (Surr)	105		75 - 124	05/28/21 17:40	06/02/21 17:07	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
1,2-Dichlorobenzene	<0.19		0.19	0.044	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
1,4-Dichlorobenzene	<0.19		0.19	0.047	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-36(0-2)-052721**

**Lab Sample ID: 500-199832-14**

**Date Collected: 05/27/21 11:00**

**Matrix: Solid**

**Date Received: 05/27/21 16:55**

**Percent Solids: 89.1**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.084	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
2,4-Dichlorophenol	<0.37		0.37	0.088	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
2,4-Dinitrophenol	<0.75		0.75	0.65	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
2,4-Dinitrotoluene	<0.19		0.19	0.059	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
2,6-Dinitrotoluene	<0.19		0.19	0.073	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
2-Chlorophenol	<0.19	*+	0.19	0.063	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
<b>2-Methylnaphthalene</b>	<b>0.012</b>	<b>J</b>	0.075	0.0068	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
2-Methylphenol	<0.19		0.19	0.059	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
2-Nitrophenol	<0.37		0.37	0.087	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
3 & 4 Methylphenol	<0.19		0.19	0.062	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
3,3'-Dichlorobenzidine	<0.19	*3	0.19	0.052	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
3-Nitroaniline	<0.37		0.37	0.11	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.30	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
4-Chloroaniline	<0.75		0.75	0.17	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.043	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
4-Nitroaniline	<0.37		0.37	0.15	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
4-Nitrophenol	<0.75		0.75	0.35	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
<b>Acenaphthene</b>	<b>0.0098</b>	<b>J</b>	0.037	0.0066	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
<b>Acenaphthylene</b>	<b>0.013</b>	<b>J</b>	0.037	0.0049	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
<b>Anthracene</b>	<b>0.047</b>		0.037	0.0062	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
<b>Benzo[a]anthracene</b>	<b>0.26</b>	<b>*3</b>	0.037	0.0050	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
<b>Benzo[a]pyrene</b>	<b>0.29</b>	<b>*3</b>	0.037	0.0072	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
<b>Benzo[b]fluoranthene</b>	<b>0.49</b>	<b>*3</b>	0.037	0.0080	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
<b>Benzo[g,h,i]perylene</b>	<b>0.14</b>	<b>*3</b>	0.037	0.012	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
<b>Benzo[k]fluoranthene</b>	<b>0.23</b>	<b>*3</b>	0.037	0.011	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Bis(2-chloroethyl)ether	<0.19	*+	0.19	0.055	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
<b>Bis(2-ethylhexyl) phthalate</b>	<b>0.17</b>	<b>J *3</b>	0.19	0.068	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Butyl benzyl phthalate	<0.19	*3	0.19	0.070	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Carbazole	<0.19		0.19	0.092	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
<b>Chrysene</b>	<b>0.33</b>	<b>*3</b>	0.037	0.010	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
<b>Dibenz(a,h)anthracene</b>	<b>0.036</b>	<b>J *3</b>	0.037	0.0071	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Dibenzofuran	<0.19		0.19	0.043	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Diethyl phthalate	<0.19		0.19	0.063	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Dimethyl phthalate	<0.19		0.19	0.048	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Di-n-butyl phthalate	<0.19		0.19	0.056	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Di-n-octyl phthalate	<0.19		0.19	0.060	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
<b>Fluoranthene</b>	<b>0.35</b>		0.037	0.0069	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
<b>Fluorene</b>	<b>0.011</b>	<b>J</b>	0.037	0.0052	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Hexachlorobenzene	<0.075		0.075	0.0086	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Hexachlorobutadiene	<0.19		0.19	0.058	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Hexachlorocyclopentadiene	<0.75		0.75	0.21	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Hexachloroethane	<0.19		0.19	0.056	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-36(0-2)-052721**

**Lab Sample ID: 500-199832-14**

Date Collected: 05/27/21 11:00

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 89.1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.11</b>	<b>*3</b>	0.037	0.0096	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
<b>Naphthalene</b>	<b>0.025</b>	<b>J</b>	0.037	0.0057	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Nitrobenzene	<0.037		0.037	0.0092	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.045	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Pentachlorophenol	<0.75	*-	0.75	0.59	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
<b>Phenanthrene</b>	<b>0.22</b>		0.037	0.0052	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Phenol	<0.19		0.19	0.082	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
<b>Pyrene</b>	<b>0.71</b>	<b>*3</b>	0.037	0.0073	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	83		31 - 143				06/03/21 07:33	06/04/21 18:48	1
2-Fluorobiphenyl	82		43 - 145				06/03/21 07:33	06/04/21 18:48	1
2-Fluorophenol	58		31 - 166				06/03/21 07:33	06/04/21 18:48	1
Nitrobenzene-d5	65		37 - 147				06/03/21 07:33	06/04/21 18:48	1
Phenol-d5	65		30 - 153				06/03/21 07:33	06/04/21 18:48	1
Terphenyl-d14	155	*3	42 - 157				06/03/21 07:33	06/04/21 18:48	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:28	06/04/21 11:58	1
<b>Barium</b>	<b>0.57</b>		0.50	0.050	mg/L		06/03/21 18:28	06/04/21 11:58	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:28	06/04/21 11:58	1
<b>Cadmium</b>	<b>0.0041</b>	<b>J</b>	0.0050	0.0020	mg/L		06/03/21 18:28	06/04/21 11:58	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:58	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:58	1
<b>Copper</b>	<b>0.011</b>	<b>J</b>	0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:58	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:28	06/04/21 11:58	1
<b>Lead</b>	<b>0.0093</b>		0.0075	0.0075	mg/L		06/03/21 18:28	06/04/21 11:58	1
<b>Manganese</b>	<b>1.1</b>		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:58	1
<b>Nickel</b>	<b>0.020</b>	<b>J</b>	0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:58	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:28	06/04/21 11:58	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:58	1
<b>Zinc</b>	<b>0.20</b>	<b>J</b>	0.50	0.020	mg/L		06/03/21 18:28	06/04/21 11:58	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.033</b>	<b>J</b>	0.050	0.010	mg/L		06/03/21 18:31	06/04/21 12:32	1
<b>Barium</b>	<b>0.43</b>	<b>J</b>	0.50	0.050	mg/L		06/03/21 18:31	06/04/21 12:32	1
<b>Beryllium</b>	<b>0.0044</b>		0.0040	0.0040	mg/L		06/03/21 18:31	06/04/21 12:32	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:31	06/04/21 12:32	1
<b>Chromium</b>	<b>0.098</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:32	1
<b>Cobalt</b>	<b>0.025</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:32	1
<b>Copper</b>	<b>0.12</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:32	1
<b>Iron</b>	<b>92</b>		0.40	0.20	mg/L		06/03/21 18:31	06/04/21 12:32	1
<b>Lead</b>	<b>0.30</b>		0.0075	0.0075	mg/L		06/03/21 18:31	06/04/21 12:32	1
<b>Manganese</b>	<b>0.61</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:32	1
<b>Nickel</b>	<b>0.087</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:32	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:31	06/04/21 12:32	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-36(0-2)-052721**

**Lab Sample ID: 500-199832-14**

Date Collected: 05/27/21 11:00

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 89.1

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:32	1
<b>Zinc</b>	<b>0.55</b>		0.50	0.020	mg/L		06/03/21 18:31	06/04/21 12:32	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Antimony</b>	<b>0.58</b>	<b>J</b>	1.1	0.22	mg/Kg	✧	06/02/21 17:31	06/03/21 17:56	1
<b>Arsenic</b>	<b>4.9</b>		0.56	0.19	mg/Kg	✧	06/02/21 17:31	06/03/21 17:56	1
<b>Barium</b>	<b>110</b>		0.56	0.063	mg/Kg	✧	06/02/21 17:31	06/03/21 17:56	1
<b>Beryllium</b>	<b>0.55</b>		0.22	0.052	mg/Kg	✧	06/02/21 17:31	06/03/21 17:56	1
<b>Cadmium</b>	<b>0.71</b>		0.11	0.020	mg/Kg	✧	06/02/21 17:31	06/03/21 17:56	1
<b>Calcium</b>	<b>100000</b>	<b>B</b>	56	9.4	mg/Kg	✧	06/02/21 17:31	06/04/21 19:03	5
<b>Chromium</b>	<b>25</b>		0.56	0.28	mg/Kg	✧	06/02/21 17:31	06/03/21 17:56	1
<b>Cobalt</b>	<b>8.8</b>		0.28	0.073	mg/Kg	✧	06/02/21 17:31	06/03/21 17:56	1
<b>Copper</b>	<b>33</b>		0.56	0.16	mg/Kg	✧	06/02/21 17:31	06/03/21 17:56	1
<b>Iron</b>	<b>20000</b>		56	29	mg/Kg	✧	06/02/21 17:31	06/04/21 19:03	5
<b>Lead</b>	<b>98</b>		0.28	0.13	mg/Kg	✧	06/02/21 17:31	06/03/21 17:56	1
<b>Magnesium</b>	<b>57000</b>	<b>B</b>	28	14	mg/Kg	✧	06/02/21 17:31	06/04/21 19:03	5
<b>Manganese</b>	<b>500</b>		0.56	0.081	mg/Kg	✧	06/02/21 17:31	06/03/21 17:56	1
<b>Nickel</b>	<b>21</b>		0.56	0.16	mg/Kg	✧	06/02/21 17:31	06/04/21 18:59	1
<b>Potassium</b>	<b>900</b>		28	9.8	mg/Kg	✧	06/02/21 17:31	06/03/21 17:56	1
Selenium	<0.56		0.56	0.33	mg/Kg	✧	06/02/21 17:31	06/03/21 17:56	1
<b>Silver</b>	<b>0.32</b>		0.28	0.072	mg/Kg	✧	06/02/21 17:31	06/03/21 17:56	1
<b>Sodium</b>	<b>1500</b>		56	8.2	mg/Kg	✧	06/02/21 17:31	06/03/21 17:56	1
Thallium	<0.56		0.56	0.28	mg/Kg	✧	06/02/21 17:31	06/03/21 17:56	1
<b>Vanadium</b>	<b>20</b>		0.28	0.066	mg/Kg	✧	06/02/21 17:31	06/03/21 17:56	1
<b>Zinc</b>	<b>260</b>		1.1	0.49	mg/Kg	✧	06/02/21 17:31	06/04/21 18:59	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/21 13:05	06/04/21 12:02	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 11:33	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.027</b>		0.018	0.0060	mg/Kg	✧	06/03/21 14:00	06/04/21 08:02	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.7</b>		0.2	0.2	SU			06/03/21 14:42	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-34(0-2)-052721**

**Lab Sample ID: 500-199832-15**

**Date Collected: 05/27/21 11:10**

**Matrix: Solid**

**Date Received: 05/27/21 16:55**

**Percent Solids: 74.9**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.020		0.020	0.0086	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
Benzene	<0.0020		0.0020	0.00051	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
Bromodichloromethane	<0.0020		0.0020	0.00040	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
Bromoform	<0.0020		0.0020	0.00058	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
Bromomethane	<0.0050		0.0050	0.0019	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
Carbon disulfide	<0.0050		0.0050	0.0010	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
Carbon tetrachloride	<0.0020		0.0020	0.00058	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
Chlorobenzene	<0.0020		0.0020	0.00073	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
Chloroethane	<0.0050		0.0050	0.0015	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
Chloroform	<0.0020		0.0020	0.00069	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
Chloromethane	<0.0050		0.0050	0.0020	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00055	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00060	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
Dibromochloromethane	<0.0020		0.0020	0.00065	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
1,1-Dichloroethane	<0.0020		0.0020	0.00068	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
1,2-Dichloroethane	<0.0050		0.0050	0.0015	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
1,1-Dichloroethene	<0.0020		0.0020	0.00068	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
1,2-Dichloropropane	<0.0020		0.0020	0.00051	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00070	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
Ethylbenzene	<0.0020		0.0020	0.00095	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
2-Hexanone	<0.0050		0.0050	0.0015	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
Methylene Chloride	<0.0050		0.0050	0.0020	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0022	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
methyl isobutyl ketone	<0.0050		0.0050	0.0015	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00058	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
Styrene	<0.0020		0.0020	0.00060	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00063	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
Tetrachloroethene	<0.0020		0.0020	0.00068	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
Toluene	<0.0020		0.0020	0.00050	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00088	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00070	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00067	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00085	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
Trichloroethene	<0.0020		0.0020	0.00067	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
Vinyl chloride	<0.0020		0.0020	0.00088	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
Xylenes, Total	<0.0040		0.0040	0.00063	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		75 - 131	05/28/21 17:40	06/02/21 17:33	1
Dibromofluoromethane	106		75 - 126	05/28/21 17:40	06/02/21 17:33	1
1,2-Dichloroethane-d4 (Surr)	116		70 - 134	05/28/21 17:40	06/02/21 17:33	1
Toluene-d8 (Surr)	104		75 - 124	05/28/21 17:40	06/02/21 17:33	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.22		0.22	0.047	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
1,2-Dichlorobenzene	<0.22		0.22	0.052	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
1,3-Dichlorobenzene	<0.22		0.22	0.049	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
1,4-Dichlorobenzene	<0.22		0.22	0.056	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
2,2'-oxybis[1-chloropropane]	<0.22		0.22	0.051	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-34(0-2)-052721**

**Lab Sample ID: 500-199832-15**

Date Collected: 05/27/21 11:10

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 74.9

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.43		0.43	0.10	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
2,4,6-Trichlorophenol	<0.43		0.43	0.15	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
2,4-Dichlorophenol	<0.43		0.43	0.10	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
2,4-Dimethylphenol	<0.43		0.43	0.17	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
2,4-Dinitrophenol	<0.88		0.88	0.77	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
2,4-Dinitrotoluene	<0.22		0.22	0.069	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
2,6-Dinitrotoluene	<0.22		0.22	0.086	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
2-Chloronaphthalene	<0.22		0.22	0.048	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
2-Chlorophenol	<0.22	*+	0.22	0.075	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
<b>2-Methylnaphthalene</b>	<b>0.022</b>	<b>J</b>	0.088	0.0080	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
2-Methylphenol	<0.22		0.22	0.070	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
2-Nitroaniline	<0.22		0.22	0.059	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
2-Nitrophenol	<0.43		0.43	0.10	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
3 & 4 Methylphenol	<0.22		0.22	0.073	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
3,3'-Dichlorobenzidine	<0.22		0.22	0.061	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
3-Nitroaniline	<0.43		0.43	0.14	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
4,6-Dinitro-2-methylphenol	<0.88		0.88	0.35	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
4-Bromophenyl phenyl ether	<0.22		0.22	0.058	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
4-Chloro-3-methylphenol	<0.43		0.43	0.15	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
4-Chloroaniline	<0.88		0.88	0.21	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
4-Chlorophenyl phenyl ether	<0.22		0.22	0.051	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
4-Nitroaniline	<0.43		0.43	0.18	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
4-Nitrophenol	<0.88		0.88	0.42	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
Acenaphthene	<0.043		0.043	0.0078	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
Acenaphthylene	<0.043		0.043	0.0058	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
<b>Anthracene</b>	<b>0.020</b>	<b>J</b>	0.043	0.0073	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
<b>Benzo[a]anthracene</b>	<b>0.10</b>		0.043	0.0059	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
<b>Benzo[a]pyrene</b>	<b>0.13</b>	<b>*3</b>	0.043	0.0085	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
<b>Benzo[b]fluoranthene</b>	<b>0.20</b>	<b>*3</b>	0.043	0.0094	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
<b>Benzo[g,h,i]perylene</b>	<b>0.068</b>	<b>*3</b>	0.043	0.014	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
<b>Benzo[k]fluoranthene</b>	<b>0.096</b>	<b>*3</b>	0.043	0.013	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
Bis(2-chloroethoxy)methane	<0.22		0.22	0.045	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
Bis(2-chloroethyl)ether	<0.22	*+	0.22	0.065	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
Bis(2-ethylhexyl) phthalate	<0.22		0.22	0.080	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
Butyl benzyl phthalate	<0.22		0.22	0.083	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
Carbazole	<0.22		0.22	0.11	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
<b>Chrysene</b>	<b>0.13</b>		0.043	0.012	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
Dibenz(a,h)anthracene	<0.043	*3	0.043	0.0084	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
Dibenzofuran	<0.22		0.22	0.051	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
Diethyl phthalate	<0.22		0.22	0.074	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
Dimethyl phthalate	<0.22		0.22	0.057	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
Di-n-butyl phthalate	<0.22		0.22	0.067	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
Di-n-octyl phthalate	<0.22		0.22	0.071	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
<b>Fluoranthene</b>	<b>0.20</b>		0.043	0.0081	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
Fluorene	<0.043		0.043	0.0061	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
Hexachlorobenzene	<0.088		0.088	0.010	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
Hexachlorobutadiene	<0.22		0.22	0.069	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
Hexachlorocyclopentadiene	<0.88		0.88	0.25	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
Hexachloroethane	<0.22		0.22	0.066	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-34(0-2)-052721**

**Lab Sample ID: 500-199832-15**

**Date Collected: 05/27/21 11:10**

**Matrix: Solid**

**Date Received: 05/27/21 16:55**

**Percent Solids: 74.9**

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.056</b>	<b>*3</b>	0.043	0.011	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
Isophorone	<0.22		0.22	0.049	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
<b>Naphthalene</b>	<b>0.016</b>	<b>J</b>	0.043	0.0067	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
Nitrobenzene	<0.043		0.043	0.011	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
N-Nitrosodi-n-propylamine	<0.088		0.088	0.053	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
N-Nitrosodiphenylamine	<0.22		0.22	0.052	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
Pentachlorophenol	<0.88	*-	0.88	0.70	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
<b>Phenanthrene</b>	<b>0.10</b>		0.043	0.0061	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
Phenol	<0.22		0.22	0.097	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
<b>Pyrene</b>	<b>0.21</b>		0.043	0.0087	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	78		31 - 143				06/03/21 07:33	06/03/21 20:33	1
2-Fluorobiphenyl	79		43 - 145				06/03/21 07:33	06/03/21 20:33	1
2-Fluorophenol	78		31 - 166				06/03/21 07:33	06/03/21 20:33	1
Nitrobenzene-d5	63		37 - 147				06/03/21 07:33	06/03/21 20:33	1
Phenol-d5	88		30 - 153				06/03/21 07:33	06/03/21 20:33	1
Terphenyl-d14	104		42 - 157				06/03/21 07:33	06/03/21 20:33	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:28	06/04/21 12:01	1
<b>Barium</b>	<b>0.79</b>		0.50	0.050	mg/L		06/03/21 18:28	06/04/21 12:01	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:28	06/04/21 12:01	1
<b>Cadmium</b>	<b>0.0026</b>	<b>J</b>	0.0050	0.0020	mg/L		06/03/21 18:28	06/04/21 12:01	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 12:01	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 12:01	1
Copper	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 12:01	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:28	06/04/21 12:01	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/21 18:28	06/04/21 12:01	1
<b>Manganese</b>	<b>0.78</b>		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 12:01	1
Nickel	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 12:01	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:28	06/04/21 12:01	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 12:01	1
<b>Zinc</b>	<b>0.15</b>	<b>J</b>	0.50	0.020	mg/L		06/03/21 18:28	06/04/21 12:01	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.055</b>		0.050	0.010	mg/L		06/03/21 18:31	06/04/21 12:35	1
<b>Barium</b>	<b>0.93</b>		0.50	0.050	mg/L		06/03/21 18:31	06/04/21 12:35	1
<b>Beryllium</b>	<b>0.0069</b>		0.0040	0.0040	mg/L		06/03/21 18:31	06/04/21 12:35	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:31	06/04/21 12:35	1
<b>Chromium</b>	<b>0.15</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:35	1
<b>Cobalt</b>	<b>0.045</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:35	1
<b>Copper</b>	<b>0.14</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:35	1
<b>Iron</b>	<b>150</b>		0.40	0.20	mg/L		06/03/21 18:31	06/04/21 12:35	1
<b>Lead</b>	<b>0.18</b>		0.0075	0.0075	mg/L		06/03/21 18:31	06/04/21 12:35	1
<b>Manganese</b>	<b>1.0</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:35	1
<b>Nickel</b>	<b>0.13</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:35	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:31	06/04/21 12:35	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-34(0-2)-052721**

**Lab Sample ID: 500-199832-15**

Date Collected: 05/27/21 11:10

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 74.9

### Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:35	1
<b>Zinc</b>	<b>0.63</b>		0.50	0.020	mg/L		06/03/21 18:31	06/04/21 12:35	1

### Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Antimony</b>	<b>0.83</b>	<b>J</b>	1.3	0.24	mg/Kg	✧	06/02/21 17:31	06/03/21 17:59	1
<b>Arsenic</b>	<b>9.4</b>		0.63	0.21	mg/Kg	✧	06/02/21 17:31	06/03/21 17:59	1
<b>Barium</b>	<b>95</b>		0.63	0.072	mg/Kg	✧	06/02/21 17:31	06/03/21 17:59	1
<b>Beryllium</b>	<b>0.73</b>		0.25	0.059	mg/Kg	✧	06/02/21 17:31	06/03/21 17:59	1
<b>Cadmium</b>	<b>0.26</b>		0.13	0.023	mg/Kg	✧	06/02/21 17:31	06/03/21 17:59	1
<b>Calcium</b>	<b>13000</b>	<b>B</b>	13	2.1	mg/Kg	✧	06/02/21 17:31	06/03/21 17:59	1
<b>Chromium</b>	<b>18</b>		0.63	0.31	mg/Kg	✧	06/02/21 17:31	06/03/21 17:59	1
<b>Cobalt</b>	<b>12</b>		0.31	0.082	mg/Kg	✧	06/02/21 17:31	06/03/21 17:59	1
<b>Copper</b>	<b>20</b>		0.63	0.18	mg/Kg	✧	06/02/21 17:31	06/03/21 17:59	1
<b>Iron</b>	<b>18000</b>		13	6.5	mg/Kg	✧	06/02/21 17:31	06/03/21 17:59	1
<b>Lead</b>	<b>29</b>		0.31	0.14	mg/Kg	✧	06/02/21 17:31	06/03/21 17:59	1
<b>Magnesium</b>	<b>8600</b>	<b>B</b>	6.3	3.1	mg/Kg	✧	06/02/21 17:31	06/03/21 17:59	1
<b>Manganese</b>	<b>480</b>		0.63	0.091	mg/Kg	✧	06/02/21 17:31	06/03/21 17:59	1
<b>Nickel</b>	<b>33</b>		0.63	0.18	mg/Kg	✧	06/02/21 17:31	06/04/21 19:07	1
<b>Potassium</b>	<b>1400</b>		31	11	mg/Kg	✧	06/02/21 17:31	06/03/21 17:59	1
<b>Selenium</b>	<b>0.56</b>	<b>J</b>	0.63	0.37	mg/Kg	✧	06/02/21 17:31	06/03/21 17:59	1
<b>Silver</b>	<b>0.65</b>		0.31	0.081	mg/Kg	✧	06/02/21 17:31	06/03/21 17:59	1
<b>Sodium</b>	<b>1500</b>		63	9.3	mg/Kg	✧	06/02/21 17:31	06/03/21 17:59	1
Thallium	<0.63		0.63	0.31	mg/Kg	✧	06/02/21 17:31	06/03/21 17:59	1
<b>Vanadium</b>	<b>27</b>		0.31	0.074	mg/Kg	✧	06/02/21 17:31	06/03/21 17:59	1
<b>Zinc</b>	<b>95</b>		1.3	0.55	mg/Kg	✧	06/02/21 17:31	06/04/21 19:07	1

### Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/21 13:05	06/04/21 12:04	1

### Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 11:35	1

### Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.025</b>		0.021	0.0069	mg/Kg	✧	06/03/21 14:00	06/04/21 08:08	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.1</b>		0.2	0.2	SU			06/03/21 14:42	1



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-30(0-2)-052721**

**Lab Sample ID: 500-199832-17**

**Date Collected: 05/27/21 11:40**

**Matrix: Solid**

**Date Received: 05/27/21 16:55**

**Percent Solids: 81.2**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.019		0.019	0.0082	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
Benzene	<0.0019		0.0019	0.00048	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
Bromodichloromethane	<0.0019		0.0019	0.00038	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
Bromoform	<0.0019		0.0019	0.00055	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
Bromomethane	<0.0047		0.0047	0.0018	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
Carbon disulfide	<0.0047		0.0047	0.00097	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
Carbon tetrachloride	<0.0019		0.0019	0.00054	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
Chlorobenzene	<0.0019		0.0019	0.00069	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
Chloroethane	<0.0047		0.0047	0.0014	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
Chloroform	<0.0019		0.0019	0.00065	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
Chloromethane	<0.0047		0.0047	0.0019	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00052	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00056	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
Dibromochloromethane	<0.0019		0.0019	0.00061	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
1,1-Dichloroethane	<0.0019		0.0019	0.00064	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
1,2-Dichloroethane	<0.0047		0.0047	0.0015	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
1,1-Dichloroethene	<0.0019		0.0019	0.00064	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
1,2-Dichloropropane	<0.0019		0.0019	0.00048	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00066	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
Ethylbenzene	<0.0019		0.0019	0.00090	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
2-Hexanone	<0.0047		0.0047	0.0015	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
Methylene Chloride	<0.0047		0.0047	0.0018	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
Methyl Ethyl Ketone	<0.0047		0.0047	0.0021	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
methyl isobutyl ketone	<0.0047		0.0047	0.0014	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00055	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
Styrene	<0.0019		0.0019	0.00057	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00060	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
Tetrachloroethene	<0.0019		0.0019	0.00064	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
Toluene	<0.0019		0.0019	0.00047	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00083	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00066	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00063	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00080	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
Trichloroethene	<0.0019		0.0019	0.00063	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
Vinyl chloride	<0.0019		0.0019	0.00083	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
Xylenes, Total	<0.0037		0.0037	0.00060	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		75 - 131	05/28/21 17:40	06/02/21 18:24	1
Dibromofluoromethane	103		75 - 126	05/28/21 17:40	06/02/21 18:24	1
1,2-Dichloroethane-d4 (Surr)	113		70 - 134	05/28/21 17:40	06/02/21 18:24	1
Toluene-d8 (Surr)	104		75 - 124	05/28/21 17:40	06/02/21 18:24	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.043	mg/Kg	☼	06/03/21 07:33	06/03/21 21:53	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	06/03/21 07:33	06/03/21 21:53	1
1,3-Dichlorobenzene	<0.20		0.20	0.045	mg/Kg	☼	06/03/21 07:33	06/03/21 21:53	1
1,4-Dichlorobenzene	<0.20		0.20	0.051	mg/Kg	☼	06/03/21 07:33	06/03/21 21:53	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	☼	06/03/21 07:33	06/03/21 21:53	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-30(0-2)-052721**

**Lab Sample ID: 500-199832-17**

**Date Collected: 05/27/21 11:40**

**Matrix: Solid**

**Date Received: 05/27/21 16:55**

**Percent Solids: 81.2**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.091	mg/Kg	✳	06/03/21 07:33	06/03/21 21:53	1
2,4,6-Trichlorophenol	<0.39		0.39	0.14	mg/Kg	✳	06/03/21 07:33	06/03/21 21:53	1
2,4-Dichlorophenol	<0.39		0.39	0.094	mg/Kg	✳	06/03/21 07:33	06/03/21 21:53	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	✳	06/03/21 07:33	06/03/21 21:53	1
2,4-Dinitrophenol	<0.80		0.80	0.70	mg/Kg	✳	06/03/21 07:33	06/03/21 21:53	1
2,4-Dinitrotoluene	<0.20		0.20	0.063	mg/Kg	✳	06/03/21 07:33	06/03/21 21:53	1
2,6-Dinitrotoluene	<0.20		0.20	0.078	mg/Kg	✳	06/03/21 07:33	06/03/21 21:53	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	✳	06/03/21 07:33	06/03/21 21:53	1
2-Chlorophenol	<0.20	*+	0.20	0.068	mg/Kg	✳	06/03/21 07:33	06/03/21 21:53	1
2-Methylnaphthalene	<0.080		0.080	0.0073	mg/Kg	✳	06/03/21 07:33	06/03/21 21:53	1
2-Methylphenol	<0.20		0.20	0.064	mg/Kg	✳	06/03/21 07:33	06/03/21 21:53	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	✳	06/03/21 07:33	06/03/21 21:53	1
2-Nitrophenol	<0.39		0.39	0.094	mg/Kg	✳	06/03/21 07:33	06/03/21 21:53	1
3 & 4 Methylphenol	<0.20		0.20	0.066	mg/Kg	✳	06/03/21 07:33	06/03/21 21:53	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.056	mg/Kg	✳	06/03/21 07:33	06/03/21 21:53	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	✳	06/03/21 07:33	06/03/21 21:53	1
4,6-Dinitro-2-methylphenol	<0.80		0.80	0.32	mg/Kg	✳	06/03/21 07:33	06/03/21 21:53	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	✳	06/03/21 07:33	06/03/21 21:53	1
4-Chloro-3-methylphenol	<0.39		0.39	0.14	mg/Kg	✳	06/03/21 07:33	06/03/21 21:53	1
4-Chloroaniline	<0.80		0.80	0.19	mg/Kg	✳	06/03/21 07:33	06/03/21 21:53	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	✳	06/03/21 07:33	06/03/21 21:53	1
4-Nitroaniline	<0.39		0.39	0.17	mg/Kg	✳	06/03/21 07:33	06/03/21 21:53	1
4-Nitrophenol	<0.80		0.80	0.38	mg/Kg	✳	06/03/21 07:33	06/03/21 21:53	1
<b>Acenaphthene</b>	<b>0.014</b>	<b>J</b>	0.039	0.0071	mg/Kg	✳	06/03/21 07:33	06/03/21 21:53	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	✳	06/03/21 07:33	06/03/21 21:53	1
<b>Anthracene</b>	<b>0.041</b>		0.039	0.0066	mg/Kg	✳	06/03/21 07:33	06/03/21 21:53	1
<b>Benzo[a]anthracene</b>	<b>0.12</b>		0.039	0.0053	mg/Kg	✳	06/03/21 07:33	06/03/21 21:53	1
<b>Benzo[a]pyrene</b>	<b>0.13</b>	<b>*3</b>	0.039	0.0077	mg/Kg	✳	06/03/21 07:33	06/03/21 21:53	1
<b>Benzo[b]fluoranthene</b>	<b>0.19</b>	<b>*3</b>	0.039	0.0086	mg/Kg	✳	06/03/21 07:33	06/03/21 21:53	1
<b>Benzo[g,h,i]perylene</b>	<b>0.043</b>	<b>*3</b>	0.039	0.013	mg/Kg	✳	06/03/21 07:33	06/03/21 21:53	1
<b>Benzo[k]fluoranthene</b>	<b>0.092</b>	<b>*3</b>	0.039	0.012	mg/Kg	✳	06/03/21 07:33	06/03/21 21:53	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.041	mg/Kg	✳	06/03/21 07:33	06/03/21 21:53	1
Bis(2-chloroethyl)ether	<0.20	*+	0.20	0.060	mg/Kg	✳	06/03/21 07:33	06/03/21 21:53	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.073	mg/Kg	✳	06/03/21 07:33	06/03/21 21:53	1
Butyl benzyl phthalate	<0.20		0.20	0.076	mg/Kg	✳	06/03/21 07:33	06/03/21 21:53	1
Carbazole	<0.20		0.20	0.099	mg/Kg	✳	06/03/21 07:33	06/03/21 21:53	1
<b>Chrysene</b>	<b>0.13</b>		0.039	0.011	mg/Kg	✳	06/03/21 07:33	06/03/21 21:53	1
Dibenz(a,h)anthracene	<0.039	*3	0.039	0.0077	mg/Kg	✳	06/03/21 07:33	06/03/21 21:53	1
Dibenzofuran	<0.20		0.20	0.047	mg/Kg	✳	06/03/21 07:33	06/03/21 21:53	1
Diethyl phthalate	<0.20		0.20	0.067	mg/Kg	✳	06/03/21 07:33	06/03/21 21:53	1
Dimethyl phthalate	<0.20		0.20	0.052	mg/Kg	✳	06/03/21 07:33	06/03/21 21:53	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	✳	06/03/21 07:33	06/03/21 21:53	1
Di-n-octyl phthalate	<0.20		0.20	0.065	mg/Kg	✳	06/03/21 07:33	06/03/21 21:53	1
<b>Fluoranthene</b>	<b>0.24</b>		0.039	0.0074	mg/Kg	✳	06/03/21 07:33	06/03/21 21:53	1
<b>Fluorene</b>	<b>0.014</b>	<b>J</b>	0.039	0.0056	mg/Kg	✳	06/03/21 07:33	06/03/21 21:53	1
Hexachlorobenzene	<0.080		0.080	0.0092	mg/Kg	✳	06/03/21 07:33	06/03/21 21:53	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	✳	06/03/21 07:33	06/03/21 21:53	1
Hexachlorocyclopentadiene	<0.80		0.80	0.23	mg/Kg	✳	06/03/21 07:33	06/03/21 21:53	1
Hexachloroethane	<0.20		0.20	0.060	mg/Kg	✳	06/03/21 07:33	06/03/21 21:53	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-30(0-2)-052721**

**Lab Sample ID: 500-199832-17**

**Date Collected: 05/27/21 11:40**

**Matrix: Solid**

**Date Received: 05/27/21 16:55**

**Percent Solids: 81.2**

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.048</b>	<b>*3</b>	0.039	0.010	mg/Kg	☼	06/03/21 07:33	06/03/21 21:53	1
Isophorone	<0.20		0.20	0.045	mg/Kg	☼	06/03/21 07:33	06/03/21 21:53	1
<b>Naphthalene</b>	<b>0.0099</b>	<b>J</b>	0.039	0.0061	mg/Kg	☼	06/03/21 07:33	06/03/21 21:53	1
Nitrobenzene	<0.039		0.039	0.0099	mg/Kg	☼	06/03/21 07:33	06/03/21 21:53	1
N-Nitrosodi-n-propylamine	<0.080		0.080	0.049	mg/Kg	☼	06/03/21 07:33	06/03/21 21:53	1
N-Nitrosodiphenylamine	<0.20		0.20	0.047	mg/Kg	☼	06/03/21 07:33	06/03/21 21:53	1
Pentachlorophenol	<0.80	*-	0.80	0.64	mg/Kg	☼	06/03/21 07:33	06/03/21 21:53	1
<b>Phenanthrene</b>	<b>0.16</b>		0.039	0.0055	mg/Kg	☼	06/03/21 07:33	06/03/21 21:53	1
Phenol	<0.20		0.20	0.088	mg/Kg	☼	06/03/21 07:33	06/03/21 21:53	1
<b>Pyrene</b>	<b>0.33</b>		0.039	0.0079	mg/Kg	☼	06/03/21 07:33	06/03/21 21:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	83		31 - 143				06/03/21 07:33	06/03/21 21:53	1
2-Fluorobiphenyl	75		43 - 145				06/03/21 07:33	06/03/21 21:53	1
2-Fluorophenol	83		31 - 166				06/03/21 07:33	06/03/21 21:53	1
Nitrobenzene-d5	67		37 - 147				06/03/21 07:33	06/03/21 21:53	1
Phenol-d5	91		30 - 153				06/03/21 07:33	06/03/21 21:53	1
Terphenyl-d14	140		42 - 157				06/03/21 07:33	06/03/21 21:53	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:28	06/04/21 12:16	1
<b>Barium</b>	<b>0.59</b>		0.50	0.050	mg/L		06/03/21 18:28	06/04/21 12:16	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:28	06/04/21 12:16	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:28	06/04/21 12:16	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 12:16	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 12:16	1
Copper	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 12:16	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:28	06/04/21 12:16	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/21 18:28	06/04/21 12:16	1
<b>Manganese</b>	<b>0.43</b>		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 12:16	1
<b>Nickel</b>	<b>0.049</b>		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 12:16	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:28	06/04/21 12:16	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 12:16	1
<b>Zinc</b>	<b>0.021</b>	<b>J</b>	0.50	0.020	mg/L		06/03/21 18:28	06/04/21 12:16	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.075</b>		0.050	0.010	mg/L		06/03/21 18:31	06/04/21 12:47	1
<b>Barium</b>	<b>0.90</b>		0.50	0.050	mg/L		06/03/21 18:31	06/04/21 12:47	1
<b>Beryllium</b>	<b>0.010</b>		0.0040	0.0040	mg/L		06/03/21 18:31	06/04/21 12:47	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:31	06/04/21 12:47	1
<b>Chromium</b>	<b>0.21</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:47	1
<b>Cobalt</b>	<b>0.054</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:47	1
<b>Copper</b>	<b>0.20</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:47	1
<b>Iron</b>	<b>230</b>		0.40	0.20	mg/L		06/03/21 18:31	06/04/21 12:47	1
<b>Lead</b>	<b>0.12</b>		0.0075	0.0075	mg/L		06/03/21 18:31	06/04/21 12:47	1
<b>Manganese</b>	<b>0.89</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:47	1
<b>Nickel</b>	<b>0.19</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:47	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:31	06/04/21 12:47	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-30(0-2)-052721**

**Lab Sample ID: 500-199832-17**

Date Collected: 05/27/21 11:40

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 81.2

### Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:47	1
Zinc	0.71		0.50	0.020	mg/L		06/03/21 18:31	06/04/21 12:47	1

### Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.71	J	1.1	0.22	mg/Kg	☆	06/02/21 17:31	06/03/21 18:06	1
Arsenic	6.4		0.57	0.20	mg/Kg	☆	06/02/21 17:31	06/03/21 18:06	1
Barium	110		0.57	0.065	mg/Kg	☆	06/02/21 17:31	06/03/21 18:06	1
Beryllium	0.78		0.23	0.053	mg/Kg	☆	06/02/21 17:31	06/03/21 18:06	1
Cadmium	0.21		0.11	0.021	mg/Kg	☆	06/02/21 17:31	06/03/21 18:06	1
Calcium	17000	B	11	1.9	mg/Kg	☆	06/02/21 17:31	06/03/21 18:06	1
Chromium	17		0.57	0.28	mg/Kg	☆	06/02/21 17:31	06/03/21 18:06	1
Cobalt	11		0.29	0.075	mg/Kg	☆	06/02/21 17:31	06/03/21 18:06	1
Copper	21		0.57	0.16	mg/Kg	☆	06/02/21 17:31	06/03/21 18:06	1
Iron	18000		11	5.9	mg/Kg	☆	06/02/21 17:31	06/03/21 18:06	1
Lead	20		0.29	0.13	mg/Kg	☆	06/02/21 17:31	06/03/21 18:06	1
Magnesium	12000	B	5.7	2.8	mg/Kg	☆	06/02/21 17:31	06/03/21 18:06	1
Manganese	380		0.57	0.083	mg/Kg	☆	06/02/21 17:31	06/03/21 18:06	1
Nickel	27		0.57	0.17	mg/Kg	☆	06/02/21 17:31	06/04/21 19:29	1
Potassium	1300		29	10	mg/Kg	☆	06/02/21 17:31	06/03/21 18:06	1
Selenium	0.43	J	0.57	0.34	mg/Kg	☆	06/02/21 17:31	06/03/21 18:06	1
Silver	0.60		0.29	0.074	mg/Kg	☆	06/02/21 17:31	06/03/21 18:06	1
Sodium	2200		57	8.4	mg/Kg	☆	06/02/21 17:31	06/03/21 18:06	1
Thallium	<0.57		0.57	0.28	mg/Kg	☆	06/02/21 17:31	06/03/21 18:06	1
Vanadium	26		0.29	0.067	mg/Kg	☆	06/02/21 17:31	06/03/21 18:06	1
Zinc	77		1.1	0.50	mg/Kg	☆	06/02/21 17:31	06/04/21 19:29	1

### Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/21 13:05	06/04/21 12:09	1

### Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 11:40	1

### Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.028		0.019	0.0063	mg/Kg	☆	06/03/21 14:00	06/04/21 08:11	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.4		0.2	0.2	SU			06/03/21 14:42	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-28(0-2)-052721**

**Lab Sample ID: 500-199832-18**

Date Collected: 05/27/21 12:05

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 83.8

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.020		0.020	0.0088	mg/Kg	✳	05/28/21 17:40	06/02/21 18:50	1
Benzene	<0.0020		0.0020	0.00052	mg/Kg	✳	05/28/21 17:40	06/02/21 18:50	1
Bromodichloromethane	<0.0020		0.0020	0.00041	mg/Kg	✳	05/28/21 17:40	06/02/21 18:50	1
Bromoform	<0.0020		0.0020	0.00059	mg/Kg	✳	05/28/21 17:40	06/02/21 18:50	1
Bromomethane	<0.0051		0.0051	0.0019	mg/Kg	✳	05/28/21 17:40	06/02/21 18:50	1
Carbon disulfide	<0.0051		0.0051	0.0011	mg/Kg	✳	05/28/21 17:40	06/02/21 18:50	1
Carbon tetrachloride	<0.0020		0.0020	0.00059	mg/Kg	✳	05/28/21 17:40	06/02/21 18:50	1
Chlorobenzene	<0.0020		0.0020	0.00075	mg/Kg	✳	05/28/21 17:40	06/02/21 18:50	1
Chloroethane	<0.0051		0.0051	0.0015	mg/Kg	✳	05/28/21 17:40	06/02/21 18:50	1
Chloroform	<0.0020		0.0020	0.00070	mg/Kg	✳	05/28/21 17:40	06/02/21 18:50	1
Chloromethane	<0.0051		0.0051	0.0020	mg/Kg	✳	05/28/21 17:40	06/02/21 18:50	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00057	mg/Kg	✳	05/28/21 17:40	06/02/21 18:50	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00061	mg/Kg	✳	05/28/21 17:40	06/02/21 18:50	1
Dibromochloromethane	<0.0020		0.0020	0.00066	mg/Kg	✳	05/28/21 17:40	06/02/21 18:50	1
1,1-Dichloroethane	<0.0020		0.0020	0.00069	mg/Kg	✳	05/28/21 17:40	06/02/21 18:50	1
1,2-Dichloroethane	<0.0051		0.0051	0.0016	mg/Kg	✳	05/28/21 17:40	06/02/21 18:50	1
1,1-Dichloroethene	<0.0020		0.0020	0.00070	mg/Kg	✳	05/28/21 17:40	06/02/21 18:50	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg	✳	05/28/21 17:40	06/02/21 18:50	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00071	mg/Kg	✳	05/28/21 17:40	06/02/21 18:50	1
Ethylbenzene	<0.0020		0.0020	0.00097	mg/Kg	✳	05/28/21 17:40	06/02/21 18:50	1
2-Hexanone	<0.0051		0.0051	0.0016	mg/Kg	✳	05/28/21 17:40	06/02/21 18:50	1
Methylene Chloride	<0.0051		0.0051	0.0020	mg/Kg	✳	05/28/21 17:40	06/02/21 18:50	1
Methyl Ethyl Ketone	<0.0051		0.0051	0.0023	mg/Kg	✳	05/28/21 17:40	06/02/21 18:50	1
methyl isobutyl ketone	<0.0051		0.0051	0.0015	mg/Kg	✳	05/28/21 17:40	06/02/21 18:50	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00060	mg/Kg	✳	05/28/21 17:40	06/02/21 18:50	1
Styrene	<0.0020		0.0020	0.00061	mg/Kg	✳	05/28/21 17:40	06/02/21 18:50	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00065	mg/Kg	✳	05/28/21 17:40	06/02/21 18:50	1
Tetrachloroethene	<0.0020		0.0020	0.00069	mg/Kg	✳	05/28/21 17:40	06/02/21 18:50	1
Toluene	<0.0020		0.0020	0.00051	mg/Kg	✳	05/28/21 17:40	06/02/21 18:50	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00090	mg/Kg	✳	05/28/21 17:40	06/02/21 18:50	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00071	mg/Kg	✳	05/28/21 17:40	06/02/21 18:50	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00068	mg/Kg	✳	05/28/21 17:40	06/02/21 18:50	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00087	mg/Kg	✳	05/28/21 17:40	06/02/21 18:50	1
Trichloroethene	<0.0020		0.0020	0.00069	mg/Kg	✳	05/28/21 17:40	06/02/21 18:50	1
Vinyl chloride	<0.0020		0.0020	0.00090	mg/Kg	✳	05/28/21 17:40	06/02/21 18:50	1
Xylenes, Total	<0.0041		0.0041	0.00065	mg/Kg	✳	05/28/21 17:40	06/02/21 18:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		75 - 131	05/28/21 17:40	06/02/21 18:50	1
Dibromofluoromethane	101		75 - 126	05/28/21 17:40	06/02/21 18:50	1
1,2-Dichloroethane-d4 (Surr)	109		70 - 134	05/28/21 17:40	06/02/21 18:50	1
Toluene-d8 (Surr)	103		75 - 124	05/28/21 17:40	06/02/21 18:50	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1

Euofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-28(0-2)-052721**

**Lab Sample ID: 500-199832-18**

Date Collected: 05/27/21 12:05

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 83.8

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.087	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
2,4-Dichlorophenol	<0.38		0.38	0.091	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
2,4-Dimethylphenol	<0.38		0.38	0.15	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
2,4-Dinitrophenol	<0.77		0.77	0.68	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
2,4-Dinitrotoluene	<0.19		0.19	0.061	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
2,6-Dinitrotoluene	<0.19		0.19	0.075	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
2-Chlorophenol	<0.19	*+	0.19	0.065	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
2-Methylnaphthalene	<0.077		0.077	0.0071	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
2-Methylphenol	<0.19		0.19	0.062	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
2-Nitroaniline	<0.19		0.19	0.052	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
2-Nitrophenol	<0.38		0.38	0.091	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
3 & 4 Methylphenol	<0.19		0.19	0.064	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
3,3'-Dichlorobenzidine	<0.19	*3	0.19	0.054	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
4,6-Dinitro-2-methylphenol	<0.77		0.77	0.31	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.051	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
4-Chloroaniline	<0.77		0.77	0.18	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
4-Nitrophenol	<0.77		0.77	0.36	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
Acenaphthene	<0.038		0.038	0.0069	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
<b>Acenaphthylene</b>	<b>0.0085</b>	<b>J</b>	0.038	0.0051	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
<b>Anthracene</b>	<b>0.017</b>	<b>J</b>	0.038	0.0064	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
<b>Benzo[a]anthracene</b>	<b>0.082</b>	<b>*3</b>	0.038	0.0052	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
<b>Benzo[a]pyrene</b>	<b>0.11</b>	<b>*3</b>	0.038	0.0074	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
<b>Benzo[b]fluoranthene</b>	<b>0.19</b>	<b>*3</b>	0.038	0.0083	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
<b>Benzo[g,h,i]perylene</b>	<b>0.085</b>	<b>*3</b>	0.038	0.012	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
<b>Benzo[k]fluoranthene</b>	<b>0.076</b>	<b>*3</b>	0.038	0.011	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
Bis(2-chloroethyl)ether	<0.19	*+	0.19	0.057	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
Bis(2-ethylhexyl) phthalate	<0.19	*3	0.19	0.070	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
Butyl benzyl phthalate	<0.19	*3	0.19	0.073	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
Carbazole	<0.19		0.19	0.096	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
<b>Chrysene</b>	<b>0.11</b>	<b>*3</b>	0.038	0.010	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
Dibenz(a,h)anthracene	<0.038	*3	0.038	0.0074	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
Diethyl phthalate	<0.19		0.19	0.065	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
Di-n-butyl phthalate	<0.19		0.19	0.058	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
Di-n-octyl phthalate	<0.19		0.19	0.063	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
<b>Fluoranthene</b>	<b>0.12</b>		0.038	0.0071	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
Fluorene	<0.038		0.038	0.0054	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
Hexachlorobenzene	<0.077		0.077	0.0089	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
Hexachlorobutadiene	<0.19		0.19	0.060	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
Hexachlorocyclopentadiene	<0.77		0.77	0.22	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
Hexachloroethane	<0.19		0.19	0.058	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-28(0-2)-052721**

**Lab Sample ID: 500-199832-18**

Date Collected: 05/27/21 12:05

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 83.8

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.057</b>	<b>*3</b>	0.038	0.0099	mg/Kg	☼	06/03/21 07:33	06/03/21 23:54	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	06/03/21 07:33	06/03/21 23:54	1
<b>Naphthalene</b>	<b>0.0065</b>	<b>J</b>	0.038	0.0059	mg/Kg	☼	06/03/21 07:33	06/03/21 23:54	1
Nitrobenzene	<0.038		0.038	0.0096	mg/Kg	☼	06/03/21 07:33	06/03/21 23:54	1
N-Nitrosodi-n-propylamine	<0.077		0.077	0.047	mg/Kg	☼	06/03/21 07:33	06/03/21 23:54	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	☼	06/03/21 07:33	06/03/21 23:54	1
Pentachlorophenol	<0.77	*-	0.77	0.62	mg/Kg	☼	06/03/21 07:33	06/03/21 23:54	1
<b>Phenanthrene</b>	<b>0.079</b>		0.038	0.0053	mg/Kg	☼	06/03/21 07:33	06/03/21 23:54	1
Phenol	<0.19		0.19	0.085	mg/Kg	☼	06/03/21 07:33	06/03/21 23:54	1
<b>Pyrene</b>	<b>0.28</b>	<b>*3</b>	0.038	0.0076	mg/Kg	☼	06/03/21 07:33	06/03/21 23:54	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
2,4,6-Tribromophenol	83		31 - 143				06/03/21 07:33	06/03/21 23:54	1
2-Fluorobiphenyl	89		43 - 145				06/03/21 07:33	06/03/21 23:54	1
2-Fluorophenol	101		31 - 166				06/03/21 07:33	06/03/21 23:54	1
Nitrobenzene-d5	82		37 - 147				06/03/21 07:33	06/03/21 23:54	1
Phenol-d5	104		30 - 153				06/03/21 07:33	06/03/21 23:54	1
Terphenyl-d14	213	*3 S1+	42 - 157				06/03/21 07:33	06/03/21 23:54	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:28	06/04/21 12:20	1
<b>Barium</b>	<b>0.46</b>	<b>J</b>	0.50	0.050	mg/L		06/03/21 18:28	06/04/21 12:20	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:28	06/04/21 12:20	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:28	06/04/21 12:20	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 12:20	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 12:20	1
Copper	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 12:20	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:28	06/04/21 12:20	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/21 18:28	06/04/21 12:20	1
<b>Manganese</b>	<b>0.61</b>		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 12:20	1
<b>Nickel</b>	<b>0.13</b>		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 12:20	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:28	06/04/21 12:20	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 12:20	1
<b>Zinc</b>	<b>0.026</b>	<b>J</b>	0.50	0.020	mg/L		06/03/21 18:28	06/04/21 12:20	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.067</b>		0.050	0.010	mg/L		06/03/21 18:31	06/04/21 12:50	1
<b>Barium</b>	<b>0.50</b>		0.50	0.050	mg/L		06/03/21 18:31	06/04/21 12:50	1
<b>Beryllium</b>	<b>0.0066</b>		0.0040	0.0040	mg/L		06/03/21 18:31	06/04/21 12:50	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:31	06/04/21 12:50	1
<b>Chromium</b>	<b>0.13</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:50	1
<b>Cobalt</b>	<b>0.041</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:50	1
<b>Copper</b>	<b>0.15</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:50	1
<b>Iron</b>	<b>150</b>		0.40	0.20	mg/L		06/03/21 18:31	06/04/21 12:50	1
<b>Lead</b>	<b>0.17</b>		0.0075	0.0075	mg/L		06/03/21 18:31	06/04/21 12:50	1
<b>Manganese</b>	<b>0.72</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:50	1
<b>Nickel</b>	<b>0.14</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:50	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:31	06/04/21 12:50	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-28(0-2)-052721**

**Lab Sample ID: 500-199832-18**

Date Collected: 05/27/21 12:05

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 83.8

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:50	1
<b>Zinc</b>	<b>0.52</b>		0.50	0.020	mg/L		06/03/21 18:31	06/04/21 12:50	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Antimony</b>	<b>0.56</b>	<b>J</b>	1.2	0.22	mg/Kg	✧	06/02/21 17:31	06/03/21 18:09	1
<b>Arsenic</b>	<b>7.9</b>		0.58	0.20	mg/Kg	✧	06/02/21 17:31	06/03/21 18:09	1
<b>Barium</b>	<b>45</b>		0.58	0.066	mg/Kg	✧	06/02/21 17:31	06/03/21 18:09	1
<b>Beryllium</b>	<b>0.68</b>		0.23	0.054	mg/Kg	✧	06/02/21 17:31	06/03/21 18:09	1
<b>Cadmium</b>	<b>0.21</b>		0.12	0.021	mg/Kg	✧	06/02/21 17:31	06/03/21 18:09	1
<b>Calcium</b>	<b>68000</b>	<b>B</b>	58	9.8	mg/Kg	✧	06/02/21 17:31	06/04/21 19:36	5
<b>Chromium</b>	<b>16</b>		0.58	0.29	mg/Kg	✧	06/02/21 17:31	06/03/21 18:09	1
<b>Cobalt</b>	<b>12</b>		0.29	0.076	mg/Kg	✧	06/02/21 17:31	06/03/21 18:09	1
<b>Copper</b>	<b>28</b>		0.58	0.16	mg/Kg	✧	06/02/21 17:31	06/03/21 18:09	1
<b>Iron</b>	<b>17000</b>		12	6.0	mg/Kg	✧	06/02/21 17:31	06/03/21 18:09	1
<b>Lead</b>	<b>20</b>		0.29	0.13	mg/Kg	✧	06/02/21 17:31	06/03/21 18:09	1
<b>Magnesium</b>	<b>28000</b>	<b>B</b>	5.8	2.9	mg/Kg	✧	06/02/21 17:31	06/03/21 18:09	1
<b>Manganese</b>	<b>370</b>		0.58	0.084	mg/Kg	✧	06/02/21 17:31	06/03/21 18:09	1
<b>Nickel</b>	<b>29</b>		0.58	0.17	mg/Kg	✧	06/02/21 17:31	06/04/21 19:32	1
<b>Potassium</b>	<b>1800</b>		29	10	mg/Kg	✧	06/02/21 17:31	06/03/21 18:09	1
Selenium	<0.58		0.58	0.34	mg/Kg	✧	06/02/21 17:31	06/03/21 18:09	1
<b>Silver</b>	<b>0.45</b>		0.29	0.075	mg/Kg	✧	06/02/21 17:31	06/03/21 18:09	1
<b>Sodium</b>	<b>1500</b>		58	8.6	mg/Kg	✧	06/02/21 17:31	06/03/21 18:09	1
Thallium	<0.58		0.58	0.29	mg/Kg	✧	06/02/21 17:31	06/03/21 18:09	1
<b>Vanadium</b>	<b>21</b>		0.29	0.068	mg/Kg	✧	06/02/21 17:31	06/03/21 18:09	1
<b>Zinc</b>	<b>72</b>		1.2	0.51	mg/Kg	✧	06/02/21 17:31	06/04/21 19:32	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/21 13:05	06/04/21 12:11	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 11:42	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.034</b>		0.019	0.0063	mg/Kg	✧	06/03/21 14:00	06/04/21 08:13	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.6</b>		0.2	0.2	SU			06/03/21 14:42	1



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-26(0-2)-052721**

**Lab Sample ID: 500-199832-19**

**Date Collected: 05/27/21 12:15**

**Matrix: Solid**

**Date Received: 05/27/21 16:55**

**Percent Solids: 85.7**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018		0.018	0.0078	mg/Kg	✳	05/28/21 17:40	06/02/21 19:15	1
Benzene	<0.0018		0.0018	0.00045	mg/Kg	✳	05/28/21 17:40	06/02/21 19:15	1
Bromodichloromethane	<0.0018		0.0018	0.00036	mg/Kg	✳	05/28/21 17:40	06/02/21 19:15	1
Bromoform	<0.0018		0.0018	0.00052	mg/Kg	✳	05/28/21 17:40	06/02/21 19:15	1
Bromomethane	<0.0045		0.0045	0.0017	mg/Kg	✳	05/28/21 17:40	06/02/21 19:15	1
Carbon disulfide	<0.0045		0.0045	0.00093	mg/Kg	✳	05/28/21 17:40	06/02/21 19:15	1
Carbon tetrachloride	<0.0018		0.0018	0.00052	mg/Kg	✳	05/28/21 17:40	06/02/21 19:15	1
Chlorobenzene	<0.0018		0.0018	0.00066	mg/Kg	✳	05/28/21 17:40	06/02/21 19:15	1
Chloroethane	<0.0045		0.0045	0.0013	mg/Kg	✳	05/28/21 17:40	06/02/21 19:15	1
Chloroform	<0.0018		0.0018	0.00062	mg/Kg	✳	05/28/21 17:40	06/02/21 19:15	1
Chloromethane	<0.0045		0.0045	0.0018	mg/Kg	✳	05/28/21 17:40	06/02/21 19:15	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00050	mg/Kg	✳	05/28/21 17:40	06/02/21 19:15	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00054	mg/Kg	✳	05/28/21 17:40	06/02/21 19:15	1
Dibromochloromethane	<0.0018		0.0018	0.00058	mg/Kg	✳	05/28/21 17:40	06/02/21 19:15	1
1,1-Dichloroethane	<0.0018		0.0018	0.00061	mg/Kg	✳	05/28/21 17:40	06/02/21 19:15	1
1,2-Dichloroethane	<0.0045		0.0045	0.0014	mg/Kg	✳	05/28/21 17:40	06/02/21 19:15	1
1,1-Dichloroethene	<0.0018		0.0018	0.00061	mg/Kg	✳	05/28/21 17:40	06/02/21 19:15	1
1,2-Dichloropropane	<0.0018		0.0018	0.00046	mg/Kg	✳	05/28/21 17:40	06/02/21 19:15	1
1,3-Dichloropropane, Total	<0.0018		0.0018	0.00063	mg/Kg	✳	05/28/21 17:40	06/02/21 19:15	1
Ethylbenzene	<0.0018		0.0018	0.00085	mg/Kg	✳	05/28/21 17:40	06/02/21 19:15	1
2-Hexanone	<0.0045		0.0045	0.0014	mg/Kg	✳	05/28/21 17:40	06/02/21 19:15	1
Methylene Chloride	<0.0045		0.0045	0.0018	mg/Kg	✳	05/28/21 17:40	06/02/21 19:15	1
Methyl Ethyl Ketone	<0.0045		0.0045	0.0020	mg/Kg	✳	05/28/21 17:40	06/02/21 19:15	1
methyl isobutyl ketone	<0.0045		0.0045	0.0013	mg/Kg	✳	05/28/21 17:40	06/02/21 19:15	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00052	mg/Kg	✳	05/28/21 17:40	06/02/21 19:15	1
Styrene	<0.0018		0.0018	0.00054	mg/Kg	✳	05/28/21 17:40	06/02/21 19:15	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00057	mg/Kg	✳	05/28/21 17:40	06/02/21 19:15	1
Tetrachloroethene	<0.0018		0.0018	0.00061	mg/Kg	✳	05/28/21 17:40	06/02/21 19:15	1
Toluene	<0.0018		0.0018	0.00045	mg/Kg	✳	05/28/21 17:40	06/02/21 19:15	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00079	mg/Kg	✳	05/28/21 17:40	06/02/21 19:15	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00063	mg/Kg	✳	05/28/21 17:40	06/02/21 19:15	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00060	mg/Kg	✳	05/28/21 17:40	06/02/21 19:15	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00076	mg/Kg	✳	05/28/21 17:40	06/02/21 19:15	1
Trichloroethene	<0.0018		0.0018	0.00060	mg/Kg	✳	05/28/21 17:40	06/02/21 19:15	1
Vinyl chloride	<0.0018		0.0018	0.00079	mg/Kg	✳	05/28/21 17:40	06/02/21 19:15	1
Xylenes, Total	<0.0036		0.0036	0.00057	mg/Kg	✳	05/28/21 17:40	06/02/21 19:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		75 - 131	05/28/21 17:40	06/02/21 19:15	1
Dibromofluoromethane	104		75 - 126	05/28/21 17:40	06/02/21 19:15	1
1,2-Dichloroethane-d4 (Surr)	112		70 - 134	05/28/21 17:40	06/02/21 19:15	1
Toluene-d8 (Surr)	102		75 - 124	05/28/21 17:40	06/02/21 19:15	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.042	mg/Kg	✳	06/03/21 07:33	06/03/21 22:54	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	✳	06/03/21 07:33	06/03/21 22:54	1
1,3-Dichlorobenzene	<0.19		0.19	0.044	mg/Kg	✳	06/03/21 07:33	06/03/21 22:54	1
1,4-Dichlorobenzene	<0.19		0.19	0.050	mg/Kg	✳	06/03/21 07:33	06/03/21 22:54	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.045	mg/Kg	✳	06/03/21 07:33	06/03/21 22:54	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-26(0-2)-052721**

**Lab Sample ID: 500-199832-19**

Date Collected: 05/27/21 12:15

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 85.7

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.088	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
2,4-Dichlorophenol	<0.38		0.38	0.092	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
2,4-Dimethylphenol	<0.38		0.38	0.15	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
2,4-Dinitrophenol	<0.78		0.78	0.68	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
2,4-Dinitrotoluene	<0.19		0.19	0.062	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
2,6-Dinitrotoluene	<0.19		0.19	0.076	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
2-Chloronaphthalene	<0.19		0.19	0.043	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
2-Chlorophenol	<0.19	*+	0.19	0.066	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
2-Methylnaphthalene	<0.078		0.078	0.0071	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
2-Methylphenol	<0.19		0.19	0.062	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
2-Nitroaniline	<0.19		0.19	0.052	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
2-Nitrophenol	<0.38		0.38	0.091	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
3 & 4 Methylphenol	<0.19		0.19	0.065	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.054	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
4,6-Dinitro-2-methylphenol	<0.78		0.78	0.31	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.051	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
4-Chloroaniline	<0.78		0.78	0.18	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
4-Nitrophenol	<0.78		0.78	0.37	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
Acenaphthene	<0.038		0.038	0.0070	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
Acenaphthylene	<0.038		0.038	0.0051	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
<b>Anthracene</b>	<b>0.0087</b>	<b>J</b>	0.038	0.0065	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
<b>Benzo[a]anthracene</b>	<b>0.039</b>		0.038	0.0052	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
<b>Benzo[a]pyrene</b>	<b>0.060</b>	<b>*3</b>	0.038	0.0075	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
<b>Benzo[b]fluoranthene</b>	<b>0.11</b>	<b>*3</b>	0.038	0.0084	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
<b>Benzo[g,h,i]perylene</b>	<b>0.036</b>	<b>J *3</b>	0.038	0.012	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
<b>Benzo[k]fluoranthene</b>	<b>0.033</b>	<b>J *3</b>	0.038	0.011	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
Bis(2-chloroethyl)ether	<0.19	*+	0.19	0.058	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.071	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
Butyl benzyl phthalate	<0.19		0.19	0.074	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
Carbazole	<0.19		0.19	0.097	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
<b>Chrysene</b>	<b>0.055</b>		0.038	0.011	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
Dibenz(a,h)anthracene	<0.038	*3	0.038	0.0075	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
Diethyl phthalate	<0.19		0.19	0.066	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
Dimethyl phthalate	<0.19		0.19	0.051	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
Di-n-butyl phthalate	<0.19		0.19	0.059	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
Di-n-octyl phthalate	<0.19		0.19	0.063	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
<b>Fluoranthene</b>	<b>0.064</b>		0.038	0.0072	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
Fluorene	<0.038		0.038	0.0054	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
Hexachlorobenzene	<0.078		0.078	0.0090	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
Hexachlorobutadiene	<0.19		0.19	0.061	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
Hexachlorocyclopentadiene	<0.78		0.78	0.22	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
Hexachloroethane	<0.19		0.19	0.059	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-26(0-2)-052721**

**Lab Sample ID: 500-199832-19**

Date Collected: 05/27/21 12:15

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 85.7

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.024</b>	<b>J*3</b>	0.038	0.010	mg/Kg	☼	06/03/21 07:33	06/03/21 22:54	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	06/03/21 07:33	06/03/21 22:54	1
Naphthalene	<0.038		0.038	0.0060	mg/Kg	☼	06/03/21 07:33	06/03/21 22:54	1
Nitrobenzene	<0.038		0.038	0.0097	mg/Kg	☼	06/03/21 07:33	06/03/21 22:54	1
N-Nitrosodi-n-propylamine	<0.078		0.078	0.047	mg/Kg	☼	06/03/21 07:33	06/03/21 22:54	1
N-Nitrosodiphenylamine	<0.19		0.19	0.046	mg/Kg	☼	06/03/21 07:33	06/03/21 22:54	1
Pentachlorophenol	<0.78	*-	0.78	0.62	mg/Kg	☼	06/03/21 07:33	06/03/21 22:54	1
<b>Phenanthrene</b>	<b>0.034</b>	<b>J</b>	0.038	0.0054	mg/Kg	☼	06/03/21 07:33	06/03/21 22:54	1
Phenol	<0.19		0.19	0.086	mg/Kg	☼	06/03/21 07:33	06/03/21 22:54	1
<b>Pyrene</b>	<b>0.11</b>		0.038	0.0077	mg/Kg	☼	06/03/21 07:33	06/03/21 22:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	82		31 - 143				06/03/21 07:33	06/03/21 22:54	1
2-Fluorobiphenyl	80		43 - 145				06/03/21 07:33	06/03/21 22:54	1
2-Fluorophenol	88		31 - 166				06/03/21 07:33	06/03/21 22:54	1
Nitrobenzene-d5	73		37 - 147				06/03/21 07:33	06/03/21 22:54	1
Phenol-d5	95		30 - 153				06/03/21 07:33	06/03/21 22:54	1
Terphenyl-d14	164	S1+	42 - 157				06/03/21 07:33	06/03/21 22:54	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:28	06/04/21 12:24	1
<b>Barium</b>	<b>0.70</b>		0.50	0.050	mg/L		06/03/21 18:28	06/04/21 12:24	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:28	06/04/21 12:24	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:28	06/04/21 12:24	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 12:24	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 12:24	1
Copper	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 12:24	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:28	06/04/21 12:24	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/21 18:28	06/04/21 12:24	1
<b>Manganese</b>	<b>0.74</b>		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 12:24	1
<b>Nickel</b>	<b>0.022</b>	<b>J</b>	0.025	0.010	mg/L		06/03/21 18:28	06/04/21 12:24	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:28	06/04/21 12:24	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 12:24	1
<b>Zinc</b>	<b>0.028</b>	<b>J</b>	0.50	0.020	mg/L		06/03/21 18:28	06/04/21 12:24	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.092</b>		0.050	0.010	mg/L		06/03/21 18:31	06/04/21 12:53	1
<b>Barium</b>	<b>0.69</b>		0.50	0.050	mg/L		06/03/21 18:31	06/04/21 12:53	1
<b>Beryllium</b>	<b>0.0091</b>		0.0040	0.0040	mg/L		06/03/21 18:31	06/04/21 12:53	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:31	06/04/21 12:53	1
<b>Chromium</b>	<b>0.18</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:53	1
<b>Cobalt</b>	<b>0.053</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:53	1
<b>Copper</b>	<b>0.21</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:53	1
<b>Iron</b>	<b>200</b>		0.40	0.20	mg/L		06/03/21 18:31	06/04/21 12:53	1
<b>Lead</b>	<b>0.23</b>		0.0075	0.0075	mg/L		06/03/21 18:31	06/04/21 12:53	1
<b>Manganese</b>	<b>0.82</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:53	1
<b>Nickel</b>	<b>0.19</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:53	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:31	06/04/21 12:53	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-26(0-2)-052721**

**Lab Sample ID: 500-199832-19**

Date Collected: 05/27/21 12:15

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 85.7

## Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:53	1
Zinc	0.59		0.50	0.020	mg/L		06/03/21 18:31	06/04/21 12:53	1

## Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.81	J	1.1	0.22	mg/Kg	✱	06/02/21 17:31	06/03/21 18:12	1
Arsenic	7.6		0.57	0.20	mg/Kg	✱	06/02/21 17:31	06/03/21 18:12	1
Barium	62		0.57	0.066	mg/Kg	✱	06/02/21 17:31	06/03/21 18:12	1
Beryllium	0.67		0.23	0.054	mg/Kg	✱	06/02/21 17:31	06/03/21 18:12	1
Cadmium	0.40		0.11	0.021	mg/Kg	✱	06/02/21 17:31	06/03/21 18:12	1
Calcium	73000	B	57	9.7	mg/Kg	✱	06/02/21 17:31	06/04/21 19:43	5
Chromium	18		0.57	0.28	mg/Kg	✱	06/02/21 17:31	06/03/21 18:12	1
Cobalt	11		0.29	0.075	mg/Kg	✱	06/02/21 17:31	06/03/21 18:12	1
Copper	24		0.57	0.16	mg/Kg	✱	06/02/21 17:31	06/03/21 18:12	1
Iron	17000		11	6.0	mg/Kg	✱	06/02/21 17:31	06/03/21 18:12	1
Lead	58		0.29	0.13	mg/Kg	✱	06/02/21 17:31	06/03/21 18:12	1
Magnesium	32000	B	5.7	2.9	mg/Kg	✱	06/02/21 17:31	06/03/21 18:12	1
Manganese	400		0.57	0.083	mg/Kg	✱	06/02/21 17:31	06/03/21 18:12	1
Nickel	29		0.57	0.17	mg/Kg	✱	06/02/21 17:31	06/04/21 19:40	1
Potassium	1700		29	10	mg/Kg	✱	06/02/21 17:31	06/03/21 18:12	1
Selenium	<0.57		0.57	0.34	mg/Kg	✱	06/02/21 17:31	06/03/21 18:12	1
Silver	0.46		0.29	0.074	mg/Kg	✱	06/02/21 17:31	06/03/21 18:12	1
Sodium	2000		57	8.5	mg/Kg	✱	06/02/21 17:31	06/03/21 18:12	1
Thallium	<0.57		0.57	0.29	mg/Kg	✱	06/02/21 17:31	06/03/21 18:12	1
Vanadium	25		0.29	0.068	mg/Kg	✱	06/02/21 17:31	06/03/21 18:12	1
Zinc	88		1.1	0.50	mg/Kg	✱	06/02/21 17:31	06/04/21 19:40	1

## Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/21 13:05	06/04/21 12:13	1

## Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 11:44	1

## Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.022		0.018	0.0061	mg/Kg	✱	06/03/21 14:00	06/04/21 08:15	1

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.5		0.2	0.2	SU			06/03/21 14:42	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-24(0-2)-052721**

**Lab Sample ID: 500-199832-20**

Date Collected: 05/27/21 12:30

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 83.3

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018		0.018	0.0079	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
Benzene	<0.0018		0.0018	0.00046	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
Bromodichloromethane	<0.0018		0.0018	0.00037	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
Bromoform	<0.0018		0.0018	0.00053	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
Bromomethane	<0.0045		0.0045	0.0017	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
Carbon disulfide	<0.0045		0.0045	0.00095	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
Carbon tetrachloride	<0.0018		0.0018	0.00053	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
Chlorobenzene	<0.0018		0.0018	0.00067	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
Chloroethane	<0.0045		0.0045	0.0013	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
Chloroform	<0.0018		0.0018	0.00063	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
Chloromethane	<0.0045		0.0045	0.0018	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00051	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00055	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
Dibromochloromethane	<0.0018		0.0018	0.00059	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
1,1-Dichloroethane	<0.0018		0.0018	0.00062	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
1,2-Dichloroethane	<0.0045		0.0045	0.0014	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
1,1-Dichloroethene	<0.0018		0.0018	0.00063	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
1,2-Dichloropropane	<0.0018		0.0018	0.00047	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
1,3-Dichloropropane, Total	<0.0018		0.0018	0.00064	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
Ethylbenzene	<0.0018		0.0018	0.00087	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
2-Hexanone	<0.0045		0.0045	0.0014	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
Methylene Chloride	<0.0045		0.0045	0.0018	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
Methyl Ethyl Ketone	<0.0045		0.0045	0.0020	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
methyl isobutyl ketone	<0.0045		0.0045	0.0013	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00053	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
Styrene	<0.0018		0.0018	0.00055	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00058	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
Tetrachloroethene	<0.0018		0.0018	0.00062	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
Toluene	<0.0018		0.0018	0.00046	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00081	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00064	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00061	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00078	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
Trichloroethene	<0.0018		0.0018	0.00061	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
Vinyl chloride	<0.0018		0.0018	0.00081	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
Xylenes, Total	<0.0036		0.0036	0.00058	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		75 - 131	05/28/21 17:40	06/02/21 19:41	1
Dibromofluoromethane	106		75 - 126	05/28/21 17:40	06/02/21 19:41	1
1,2-Dichloroethane-d4 (Surr)	120		70 - 134	05/28/21 17:40	06/02/21 19:41	1
Toluene-d8 (Surr)	101		75 - 124	05/28/21 17:40	06/02/21 19:41	1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.042	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
1,2-Dichlorobenzene	<0.20		0.20	0.046	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
1,4-Dichlorobenzene	<0.20		0.20	0.050	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.045	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-24(0-2)-052721**

**Lab Sample ID: 500-199832-20**

Date Collected: 05/27/21 12:30

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 83.3

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.089	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
2,4,6-Trichlorophenol	<0.39		0.39	0.13	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
2,4-Dichlorophenol	<0.39		0.39	0.092	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
2,4-Dinitrophenol	<0.78		0.78	0.68	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
2,4-Dinitrotoluene	<0.20		0.20	0.062	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
2,6-Dinitrotoluene	<0.20		0.20	0.076	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
2-Chloronaphthalene	<0.20		0.20	0.043	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
2-Chlorophenol	<0.20	*+	0.20	0.066	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
2-Methylnaphthalene	<0.078		0.078	0.0071	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
2-Methylphenol	<0.20		0.20	0.062	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
2-Nitroaniline	<0.20		0.20	0.052	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
2-Nitrophenol	<0.39		0.39	0.092	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
3 & 4 Methylphenol	<0.20		0.20	0.065	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
3,3'-Dichlorobenzidine	<0.20	*3	0.20	0.054	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
4,6-Dinitro-2-methylphenol	<0.78		0.78	0.31	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.051	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
4-Chloroaniline	<0.78		0.78	0.18	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.045	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
4-Nitroaniline	<0.39		0.39	0.16	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
4-Nitrophenol	<0.78		0.78	0.37	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
<b>Acenaphthene</b>	<b>0.010</b>	<b>J</b>	0.039	0.0070	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
<b>Acenaphthylene</b>	<b>0.0063</b>	<b>J</b>	0.039	0.0051	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
<b>Anthracene</b>	<b>0.023</b>	<b>J</b>	0.039	0.0065	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
<b>Benzo[a]anthracene</b>	<b>0.13</b>	<b>*3</b>	0.039	0.0052	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
<b>Benzo[a]pyrene</b>	<b>0.15</b>	<b>*3</b>	0.039	0.0075	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
<b>Benzo[b]fluoranthene</b>	<b>0.23</b>	<b>*3</b>	0.039	0.0084	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
<b>Benzo[g,h,i]perylene</b>	<b>0.088</b>	<b>*3</b>	0.039	0.013	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
<b>Benzo[k]fluoranthene</b>	<b>0.12</b>	<b>*3</b>	0.039	0.011	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Bis(2-chloroethyl)ether	<0.20	*+	0.20	0.058	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Bis(2-ethylhexyl) phthalate	<0.20	*3	0.20	0.071	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Butyl benzyl phthalate	<0.20	*3	0.20	0.074	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Carbazole	<0.20		0.20	0.097	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
<b>Chrysene</b>	<b>0.15</b>	<b>*3</b>	0.039	0.011	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Dibenz(a,h)anthracene	<0.039	*3	0.039	0.0075	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Dibenzofuran	<0.20		0.20	0.045	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Diethyl phthalate	<0.20		0.20	0.066	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Dimethyl phthalate	<0.20		0.20	0.051	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Di-n-butyl phthalate	<0.20		0.20	0.059	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Di-n-octyl phthalate	<0.20		0.20	0.063	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
<b>Fluoranthene</b>	<b>0.19</b>		0.039	0.0072	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
<b>Fluorene</b>	<b>0.0077</b>	<b>J</b>	0.039	0.0055	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Hexachlorobenzene	<0.078		0.078	0.0090	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Hexachlorobutadiene	<0.20		0.20	0.061	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Hexachlorocyclopentadiene	<0.78		0.78	0.22	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Hexachloroethane	<0.20		0.20	0.059	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1

Euofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-24(0-2)-052721**

**Lab Sample ID: 500-199832-20**

Date Collected: 05/27/21 12:30

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 83.3

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.090</b>	<b>*3</b>	0.039	0.010	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
<b>Naphthalene</b>	<b>0.0074</b>	<b>J</b>	0.039	0.0060	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Nitrobenzene	<0.039		0.039	0.0097	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
N-Nitrosodi-n-propylamine	<0.078		0.078	0.047	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
N-Nitrosodiphenylamine	<0.20		0.20	0.046	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Pentachlorophenol	<0.78	*-	0.78	0.62	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
<b>Phenanthrene</b>	<b>0.14</b>		0.039	0.0054	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Phenol	<0.20		0.20	0.086	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
<b>Pyrene</b>	<b>0.44</b>	<b>*3</b>	0.039	0.0077	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
2,4,6-Tribromophenol	69		31 - 143				06/03/21 07:33	06/04/21 00:34	1
2-Fluorobiphenyl	78		43 - 145				06/03/21 07:33	06/04/21 00:34	1
2-Fluorophenol	87		31 - 166				06/03/21 07:33	06/04/21 00:34	1
Nitrobenzene-d5	72		37 - 147				06/03/21 07:33	06/04/21 00:34	1
Phenol-d5	90		30 - 153				06/03/21 07:33	06/04/21 00:34	1
Terphenyl-d14	182	*3 S1+	42 - 157				06/03/21 07:33	06/04/21 00:34	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:28	06/04/21 13:04	1
<b>Barium</b>	<b>0.65</b>		0.50	0.050	mg/L		06/03/21 18:28	06/04/21 13:04	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:28	06/04/21 13:04	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:28	06/04/21 13:04	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 13:04	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 13:04	1
Copper	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 13:04	1
Iron	<0.40	F1	0.40	0.20	mg/L		06/03/21 18:28	06/04/21 13:04	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/21 18:28	06/04/21 13:04	1
<b>Manganese</b>	<b>0.60</b>		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 13:04	1
<b>Nickel</b>	<b>0.072</b>		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 13:04	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:28	06/04/21 13:04	1
Silver	<0.025	F1	0.025	0.010	mg/L		06/03/21 18:28	06/04/21 13:04	1
<b>Zinc</b>	<b>0.32</b>	<b>J</b>	0.50	0.020	mg/L		06/03/21 18:28	06/04/21 13:04	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.028</b>	<b>J</b>	0.050	0.010	mg/L		06/03/21 18:31	06/04/21 12:57	1
<b>Barium</b>	<b>0.65</b>	<b>F1</b>	0.50	0.050	mg/L		06/03/21 18:31	06/04/21 12:57	1
<b>Beryllium</b>	<b>0.0047</b>		0.0040	0.0040	mg/L		06/03/21 18:31	06/04/21 12:57	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:31	06/04/21 12:57	1
<b>Chromium</b>	<b>0.10</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:57	1
<b>Cobalt</b>	<b>0.021</b>	<b>J</b>	0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:57	1
<b>Copper</b>	<b>0.090</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:57	1
<b>Iron</b>	<b>100</b>		0.40	0.20	mg/L		06/03/21 18:31	06/04/21 12:57	1
<b>Lead</b>	<b>0.13</b>	<b>F1</b>	0.0075	0.0075	mg/L		06/03/21 18:31	06/04/21 12:57	1
<b>Manganese</b>	<b>0.75</b>	<b>F1</b>	0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:57	1
<b>Nickel</b>	<b>0.076</b>		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:57	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:31	06/04/21 12:57	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

**Client Sample ID: ROW-24(0-2)-052721**

**Lab Sample ID: 500-199832-20**

Date Collected: 05/27/21 12:30

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 83.3

### Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025	F1	0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:57	1
<b>Zinc</b>	<b>0.76</b>	<b>F1</b>	0.50	0.020	mg/L		06/03/21 18:31	06/04/21 12:57	1

### Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Antimony</b>	<b>0.55</b>	<b>J</b>	1.2	0.22	mg/Kg	☆	06/02/21 17:31	06/03/21 18:16	1
<b>Arsenic</b>	<b>7.4</b>		0.58	0.20	mg/Kg	☆	06/02/21 17:31	06/03/21 18:16	1
<b>Barium</b>	<b>87</b>		0.58	0.066	mg/Kg	☆	06/02/21 17:31	06/03/21 18:16	1
<b>Beryllium</b>	<b>0.76</b>		0.23	0.054	mg/Kg	☆	06/02/21 17:31	06/03/21 18:16	1
<b>Cadmium</b>	<b>0.18</b>		0.12	0.021	mg/Kg	☆	06/02/21 17:31	06/03/21 18:16	1
<b>Calcium</b>	<b>5500</b>	<b>B</b>	12	2.0	mg/Kg	☆	06/02/21 17:31	06/03/21 18:16	1
<b>Chromium</b>	<b>15</b>		0.58	0.29	mg/Kg	☆	06/02/21 17:31	06/03/21 18:16	1
<b>Cobalt</b>	<b>10</b>		0.29	0.076	mg/Kg	☆	06/02/21 17:31	06/03/21 18:16	1
<b>Copper</b>	<b>16</b>		0.58	0.16	mg/Kg	☆	06/02/21 17:31	06/03/21 18:16	1
<b>Iron</b>	<b>17000</b>		12	6.0	mg/Kg	☆	06/02/21 17:31	06/03/21 18:16	1
<b>Lead</b>	<b>26</b>		0.29	0.13	mg/Kg	☆	06/02/21 17:31	06/03/21 18:16	1
<b>Magnesium</b>	<b>4200</b>	<b>B</b>	5.8	2.9	mg/Kg	☆	06/02/21 17:31	06/03/21 18:16	1
<b>Manganese</b>	<b>270</b>		0.58	0.084	mg/Kg	☆	06/02/21 17:31	06/03/21 18:16	1
<b>Nickel</b>	<b>23</b>		0.58	0.17	mg/Kg	☆	06/02/21 17:31	06/04/21 19:47	1
<b>Potassium</b>	<b>1100</b>		29	10	mg/Kg	☆	06/02/21 17:31	06/03/21 18:16	1
<b>Selenium</b>	<b>0.39</b>	<b>J</b>	0.58	0.34	mg/Kg	☆	06/02/21 17:31	06/03/21 18:16	1
<b>Silver</b>	<b>0.54</b>		0.29	0.074	mg/Kg	☆	06/02/21 17:31	06/03/21 18:16	1
<b>Sodium</b>	<b>1600</b>		58	8.5	mg/Kg	☆	06/02/21 17:31	06/03/21 18:16	1
Thallium	<0.58		0.58	0.29	mg/Kg	☆	06/02/21 17:31	06/03/21 18:16	1
<b>Vanadium</b>	<b>22</b>		0.29	0.068	mg/Kg	☆	06/02/21 17:31	06/03/21 18:16	1
<b>Zinc</b>	<b>95</b>		1.2	0.51	mg/Kg	☆	06/02/21 17:31	06/04/21 19:47	1

### Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/21 13:05	06/04/21 12:15	1

### Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 11:46	1

### Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.038</b>		0.019	0.0064	mg/Kg	☆	06/03/21 14:00	06/04/21 08:17	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.2</b>		0.2	0.2	SU			06/03/21 14:42	1



# Definitions/Glossary

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

## Qualifiers

### GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

### GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*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.
S1+	Surrogate recovery exceeds control limits, high biased.

### Metals

Qualifier	Qualifier Description
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
F3	Duplicate RPD exceeds the control limit
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control

Eurofins TestAmerica, Chicago

# Definitions/Glossary

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

## 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

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# Accreditation/Certification Summary

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199832-1

## Laboratory: Eurofins TestAmerica, Chicago

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	IL00035	04-29-22

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Address \_\_\_\_\_

Regulatory Program:  DW  NPDES  RCRA  Other

TAL-8210

Client Contact		Project Manager: <u>Andrius Slobas</u>		Site Contact		Date.		COC No	
Company Name <u>Western Solutions</u>		Tel/Email:		Lab Contact.		Carrier:		1 of 3 COCs	
Address <u>300 Plaza Cir Ste 202</u>		Analysis Turnaround Time		Filtered Sample (Y/N)   Perform MS / MSD (Y/N)   VOCs   SIOCs   Total Metals   TCLP / SPL Metals   pH 500-199832 COC				Sampler	
City/State/Zip <u>Mundelein, IL 60050</u>		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS						For Lab Use Only	
Phone		TAT if different from Below _____						Walk-in Client	
Fax		<input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day						Lab Sampling	
Project Name <u>IBOT I-80</u>								Job / SDG No	
Site								<u>500-199832</u>	
P O #									
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Sample Specific Notes		
1	ROW-58(0-2)-052721	5/21/21	0805	G	S	6	X	X	X
2	ROW-58(0-2)-052721D		0805				X	X	X
3	ROW-56(0-2)-052721		0825				X	X	X
4	ROW-54(0-2)-052721		0840				X	X	X
5	ROW-52(0-2)-052721		0900				X	X	X
6	ROW-50(0-2)-052721		0910				X	X	X
7	ROW-48(0-2)-052721		0920				X	X	X
8	ROW-46(0-2)-052721		0940				X	X	X
9	ROW-44(0-2)-052721		0950				X	X	X
10	ROW-42(0-2)-052721		1015				X	X	X
11	ROW-40(0-2)-052721		1025				X	X	X
12	ROW-38(0-2)-052721		1040				X	X	X
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4=HNO3, 5=NaOH, 6= Other							Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)		
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample							<input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months		
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown									
Special Instructions/QC Requirements & Comments: <u>5.3 -&gt; 5.0, 11.6 -&gt; 0.6, 6.0 -&gt; 5.7, 4.6 -&gt; 4.3, 3.9 -&gt; 3.6</u>									
Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temp (°C) Obs'd _____ Corr'd _____		Therm ID No _____			
Relinquished by <u>[Signature]</u>		Company <u>Western</u>		Date/Time <u>5/21/21 1600</u>		Received by <u>[Signature]</u>		Company <u>EPA</u>	
Relinquished by <u>[Signature]</u>		Company <u>EPA</u>		Date/Time <u>5/21/21 1655</u>		Received by		Company	
Relinquished by		Company		Date/Time		Received in Laboratory by <u>[Signature]</u>		Company <u>ROA-CHI</u>	
								Date/Time <u>5/28/21 0715</u>	

# Chain of Custody Record

533076



Environment Testing  
TestAmerica

TAL-8210

Address \_\_\_\_\_

Regulatory Program:  DW  NPDES  RCRA  Other

<b>Client Contact</b>		<b>Project Manager:</b> <u>Ando Slossers</u>		<b>Site Contact.</b>		<b>Date.</b>		<b>COC No</b>				
Company Name <u>Western Solutions</u>		Tel/Email:		Lab Contact.		Carrier:		2 of 3 COCs				
Address <u>300 Plaza Cir. Ste 202,</u>		<b>Analysis Turnaround Time</b>		Filtered Sample (Y/N) Perform MS / MSD (Y/N) VOCs SVOCs Total Metals TSP / SPIV Metals pH				Sampler: For Lab Use Only Walk-in Client <input type="checkbox"/> Lab Sampling <input type="checkbox"/> Job / SDG No <u>500-199832</u>				
City/State/Zip <u>Mundelein, IL 60060</u>		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____										
Phone _____		<input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day										
Fax _____												
Project Name <u>DDST I-80</u>												
Site _____												
P O # _____												
<b>Sample Identification</b>		<b>Sample Date</b>	<b>Sample Time</b>	<b>Sample Type</b> (C=Comp, G=Grab)	<b>Matrix</b>	<b># of Cont.</b>	<b>Sample Specific Notes</b>					
13	ROW-38(0-2)-052721 D	5/27/21	1040	G	S	6	X	X	X	X	X	
14	ROW-38(0-2)-052721		1100				X	X	X	X	X	
15	ROW-39(0-2)-052721		1110				X	X	X	X	X	
16	ROW-32(0-2)-052721		1130				X	X	X	X	X	
17	ROW-30(0-2)-052721		1140				X	X	X	X	X	
18	ROW-28(0-2)-052721		1205				X	X	X	X	X	
19	ROW-26(0-2)-052721		1215				X	X	X	X	X	
20	ROW-24(0-2)-052721		1230				X	X	X	X	X	
	ROW-22(0-2)-052721		1240				X	X	X	X	X	
	ROW-20(0-2)-052721		1305				X	X	X	X	X	
	ROW-18(0-2)-052721		1325				X	X	X	X	X	
	ROW-18(0-2)-052721 D		1325				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 <input checked="" type="checkbox"/> Non Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown					Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months							
Special Instructions/QC Requirements & Comments. <p style="text-align: center; font-size: 1.2em;">5.3 → 5.0, 1.6 → 0.6, 6.0 → 5.7, 4.6 → 4.3, 3.9 → 3.6</p>												
Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No _____		Cooler Temp (°C) Obs'd _____ Corr'd _____		Therm ID No _____						
Relinquished by <u>[Signature]</u>		Company <u>Western</u>		Date/Time <u>5/27/21 1600</u>		Received by <u>P. Neal</u>		Company <u>EPA</u>		Date/Time <u>5/27/21 1600</u>		
Relinquished by <u>P. Neal</u>		Company <u>EPA</u>		Date/Time <u>5/27/21 1655</u>		Received by _____		Company _____		Date/Time _____		
Relinquished by _____		Company _____		Date/Time _____		Received in Laboratory by <u>[Signature]</u>		Company <u>EPA/ATI</u>		Date/Time <u>5/28/21 0715</u>		

## ANALYTICAL REPORT

Eurofins TestAmerica, Chicago  
2417 Bond Street  
University Park, IL 60484  
Tel: (708)534-5200

Laboratory Job ID: 500-199833-1  
Client Project/Site: IDOT - I-80 - WO 019

**For:**

Weston Solutions, Inc.  
300 Plaza Circle, Suite 202  
Mundelein, Illinois 60060

Attn: Mr. Andris Slesers



Authorized for release by:  
6/9/2021 8:24:48 AM

Richard Wright, Senior Project Manager  
(708)746-0045  
[Richard.Wright@Eurofinset.com](mailto:Richard.Wright@Eurofinset.com)

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*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199833-1

**Client Sample ID: ROW-20(0-2)-052721**

**Lab Sample ID: 500-199833-2**

Date Collected: 05/27/21 13:05

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 83.6

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0071	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
Benzene	<0.0016		0.0016	0.00041	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
Bromodichloromethane	<0.0016		0.0016	0.00033	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
Bromoform	<0.0016		0.0016	0.00047	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
Bromomethane	<0.0041		0.0041	0.0015	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
Carbon disulfide	<0.0041		0.0041	0.00084	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
Carbon tetrachloride	<0.0016		0.0016	0.00047	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
Chlorobenzene	<0.0016		0.0016	0.00060	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
Chloroethane	<0.0041		0.0041	0.0012	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
Chloroform	<0.0016		0.0016	0.00056	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
Chloromethane	<0.0041		0.0041	0.0016	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00045	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00049	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
Dibromochloromethane	<0.0016		0.0016	0.00053	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
1,1-Dichloroethane	<0.0016		0.0016	0.00056	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
1,2-Dichloroethane	<0.0041		0.0041	0.0013	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
1,1-Dichloroethene	<0.0016		0.0016	0.00056	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
1,2-Dichloropropane	<0.0016		0.0016	0.00042	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
1,3-Dichloropropane, Total	<0.0016		0.0016	0.00057	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
Ethylbenzene	<0.0016		0.0016	0.00078	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
2-Hexanone	<0.0041		0.0041	0.0013	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
Methylene Chloride	<0.0041		0.0041	0.0016	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
Methyl Ethyl Ketone	<0.0041		0.0041	0.0018	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
methyl isobutyl ketone	<0.0041		0.0041	0.0012	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00048	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
Styrene	<0.0016		0.0016	0.00049	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00052	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
Tetrachloroethene	<0.0016		0.0016	0.00055	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
Toluene	<0.0016		0.0016	0.00041	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00072	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00057	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00054	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00070	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
Trichloroethene	<0.0016		0.0016	0.00055	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
Vinyl chloride	<0.0016		0.0016	0.00072	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
<b>Xylenes, Total</b>	<b>0.00052</b>	<b>J</b>	0.0032	0.00052	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		75 - 131	05/28/21 17:40	06/02/21 13:36	1
Dibromofluoromethane	96		75 - 126	05/28/21 17:40	06/02/21 13:36	1
1,2-Dichloroethane-d4 (Surr)	90		70 - 134	05/28/21 17:40	06/02/21 13:36	1
Toluene-d8 (Surr)	96		75 - 124	05/28/21 17:40	06/02/21 13:36	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.043	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
1,3-Dichlorobenzene	<0.20		0.20	0.045	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
1,4-Dichlorobenzene	<0.20		0.20	0.051	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199833-1

**Client Sample ID: ROW-20(0-2)-052721**

**Lab Sample ID: 500-199833-2**

Date Collected: 05/27/21 13:05

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 83.6

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.090	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
2,4,6-Trichlorophenol	<0.39		0.39	0.14	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
2,4-Dichlorophenol	<0.39		0.39	0.094	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
2,4-Dinitrophenol	<0.80		0.80	0.70	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
2,4-Dinitrotoluene	<0.20		0.20	0.063	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
2,6-Dinitrotoluene	<0.20		0.20	0.078	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
2-Chlorophenol	<0.20		0.20	0.068	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
<b>2-Methylnaphthalene</b>	<b>0.0083</b>	<b>J</b>	0.080	0.0073	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
2-Methylphenol	<0.20		0.20	0.064	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
2-Nitrophenol	<0.39		0.39	0.094	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
3 & 4 Methylphenol	<0.20		0.20	0.066	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
4,6-Dinitro-2-methylphenol	<0.80		0.80	0.32	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
4-Chloroaniline	<0.80		0.80	0.19	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
4-Nitroaniline	<0.39		0.39	0.17	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
4-Nitrophenol	<0.80		0.80	0.38	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
Acenaphthene	<0.039		0.039	0.0071	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
Anthracene	<0.039		0.039	0.0066	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
Benzo[a]anthracene	<0.039		0.039	0.0053	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
<b>Benzo[a]pyrene</b>	<b>0.0087</b>	<b>J</b>	0.039	0.0077	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
<b>Benzo[b]fluoranthene</b>	<b>0.012</b>	<b>J</b>	0.039	0.0085	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
Benzo[g,h,i]perylene	<0.039		0.039	0.013	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
Benzo[k]fluoranthene	<0.039		0.039	0.012	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
Butyl benzyl phthalate	<0.20		0.20	0.075	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
Carbazole	<0.20		0.20	0.099	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
Chrysene	<0.039		0.039	0.011	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
Dibenz(a,h)anthracene	<0.039		0.039	0.0077	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
Diethyl phthalate	<0.20		0.20	0.067	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
Dimethyl phthalate	<0.20		0.20	0.052	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
Di-n-octyl phthalate	<0.20		0.20	0.065	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
<b>Fluoranthene</b>	<b>0.016</b>	<b>J</b>	0.039	0.0073	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
Fluorene	<0.039		0.039	0.0056	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
Hexachlorobenzene	<0.080		0.080	0.0092	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
Hexachlorocyclopentadiene	<0.80		0.80	0.23	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
Hexachloroethane	<0.20		0.20	0.060	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199833-1

**Client Sample ID: ROW-20(0-2)-052721**

**Lab Sample ID: 500-199833-2**

**Date Collected: 05/27/21 13:05**

**Matrix: Solid**

**Date Received: 05/27/21 16:55**

**Percent Solids: 83.6**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.039		0.039	0.010	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
Naphthalene	<0.039		0.039	0.0061	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
Nitrobenzene	<0.039		0.039	0.0099	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
N-Nitrosodi-n-propylamine	<0.080		0.080	0.048	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
N-Nitrosodiphenylamine	<0.20		0.20	0.047	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
Pentachlorophenol	<0.80		0.80	0.64	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
<b>Phenanthrene</b>	<b>0.018</b>	<b>J</b>	0.039	0.0055	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
Phenol	<0.20		0.20	0.088	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
<b>Pyrene</b>	<b>0.034</b>	<b>J</b>	0.039	0.0079	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	94		31 - 143				06/03/21 16:19	06/05/21 01:38	1
2-Fluorobiphenyl	92		43 - 145				06/03/21 16:19	06/05/21 01:38	1
2-Fluorophenol	85		31 - 166				06/03/21 16:19	06/05/21 01:38	1
Nitrobenzene-d5	81		37 - 147				06/03/21 16:19	06/05/21 01:38	1
Phenol-d5	90		30 - 153				06/03/21 16:19	06/05/21 01:38	1
Terphenyl-d14	124		42 - 157				06/03/21 16:19	06/05/21 01:38	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:29	06/04/21 13:53	1
<b>Barium</b>	<b>0.56</b>		0.50	0.050	mg/L		06/03/21 18:29	06/04/21 13:53	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:29	06/04/21 13:53	1
<b>Cadmium</b>	<b>0.0021</b>	<b>J</b>	0.0050	0.0020	mg/L		06/03/21 18:29	06/04/21 13:53	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 13:53	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 13:53	1
<b>Copper</b>	<b>0.13</b>		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 13:53	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:29	06/04/21 13:53	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/21 18:29	06/04/21 13:53	1
<b>Manganese</b>	<b>0.077</b>		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 13:53	1
Nickel	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 13:53	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:29	06/04/21 13:53	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 13:53	1
<b>Zinc</b>	<b>0.12</b>	<b>J</b>	0.50	0.020	mg/L		06/03/21 18:29	06/04/21 13:53	1

**Method: 6010B - Metals (ICP) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.075</b>		0.050	0.010	mg/L		06/03/21 18:33	06/04/21 13:26	1
<b>Barium</b>	<b>0.58</b>		0.50	0.050	mg/L		06/03/21 18:33	06/04/21 13:26	1
<b>Beryllium</b>	<b>0.0082</b>		0.0040	0.0040	mg/L		06/03/21 18:33	06/04/21 13:26	1
<b>Cadmium</b>	<b>0.0023</b>	<b>J</b>	0.0050	0.0020	mg/L		06/03/21 18:33	06/04/21 13:26	1
<b>Chromium</b>	<b>0.16</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:26	1
<b>Cobalt</b>	<b>0.057</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:26	1
<b>Copper</b>	<b>0.18</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:26	1
<b>Iron</b>	<b>170</b>		0.40	0.20	mg/L		06/03/21 18:33	06/04/21 13:26	1
<b>Lead</b>	<b>0.20</b>		0.0075	0.0075	mg/L		06/03/21 18:33	06/04/21 13:26	1
<b>Manganese</b>	<b>0.92</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:26	1
<b>Nickel</b>	<b>0.17</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:26	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:33	06/04/21 13:26	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199833-1

**Client Sample ID: ROW-20(0-2)-052721**

**Lab Sample ID: 500-199833-2**

Date Collected: 05/27/21 13:05

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 83.6

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:26	1
<b>Zinc</b>	<b>0.53</b>		0.50	0.020	mg/L		06/03/21 18:33	06/04/21 13:26	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Antimony</b>	<b>0.85</b>	<b>J</b>	1.1	0.22	mg/Kg	✧	06/03/21 08:47	06/03/21 18:49	1
<b>Arsenic</b>	<b>6.8</b>		0.55	0.19	mg/Kg	✧	06/03/21 08:47	06/03/21 18:49	1
<b>Barium</b>	<b>57</b>		0.55	0.063	mg/Kg	✧	06/03/21 08:47	06/03/21 18:49	1
<b>Beryllium</b>	<b>0.79</b>		0.22	0.052	mg/Kg	✧	06/03/21 08:47	06/03/21 18:49	1
<b>Cadmium</b>	<b>0.24</b>	<b>B</b>	0.11	0.020	mg/Kg	✧	06/03/21 08:47	06/03/21 18:49	1
<b>Calcium</b>	<b>28000</b>	<b>B</b>	11	1.9	mg/Kg	✧	06/03/21 08:47	06/03/21 18:49	1
<b>Chromium</b>	<b>17</b>		0.55	0.27	mg/Kg	✧	06/03/21 08:47	06/03/21 18:49	1
<b>Cobalt</b>	<b>11</b>		0.28	0.073	mg/Kg	✧	06/03/21 08:47	06/03/21 18:49	1
<b>Copper</b>	<b>19</b>		0.55	0.16	mg/Kg	✧	06/03/21 08:47	06/03/21 18:49	1
<b>Iron</b>	<b>18000</b>		11	5.8	mg/Kg	✧	06/03/21 08:47	06/03/21 18:49	1
<b>Lead</b>	<b>29</b>		0.28	0.13	mg/Kg	✧	06/03/21 08:47	06/03/21 18:49	1
<b>Magnesium</b>	<b>17000</b>		5.5	2.7	mg/Kg	✧	06/03/21 08:47	06/03/21 18:49	1
<b>Manganese</b>	<b>300</b>		0.55	0.080	mg/Kg	✧	06/03/21 08:47	06/03/21 18:49	1
<b>Nickel</b>	<b>25</b>		0.55	0.16	mg/Kg	✧	06/03/21 08:47	06/03/21 18:49	1
<b>Potassium</b>	<b>2000</b>		28	9.8	mg/Kg	✧	06/03/21 08:47	06/03/21 18:49	1
Selenium	<0.55		0.55	0.33	mg/Kg	✧	06/03/21 08:47	06/03/21 18:49	1
<b>Silver</b>	<b>0.54</b>		0.28	0.071	mg/Kg	✧	06/03/21 08:47	06/03/21 18:49	1
<b>Sodium</b>	<b>1700</b>		55	8.2	mg/Kg	✧	06/03/21 08:47	06/03/21 18:49	1
Thallium	<0.55		0.55	0.28	mg/Kg	✧	06/03/21 08:47	06/03/21 18:49	1
<b>Vanadium</b>	<b>27</b>		0.28	0.065	mg/Kg	✧	06/03/21 08:47	06/03/21 18:49	1
<b>Zinc</b>	<b>61</b>		1.1	0.49	mg/Kg	✧	06/03/21 08:47	06/03/21 18:49	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 07:30	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 08:40	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.028</b>		0.018	0.0061	mg/Kg	✧	06/02/21 12:50	06/03/21 08:14	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.4</b>		0.2	0.2	SU			06/03/21 14:42	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199833-1

**Client Sample ID: ROW-18(0-2)-052721**

**Lab Sample ID: 500-199833-3**

Date Collected: 05/27/21 13:25

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 89.0

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0069	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
Benzene	<0.0016		0.0016	0.00041	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
Bromodichloromethane	<0.0016		0.0016	0.00032	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
Bromoform	<0.0016		0.0016	0.00047	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
Bromomethane	<0.0040		0.0040	0.0015	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
Carbon disulfide	<0.0040		0.0040	0.00083	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
Carbon tetrachloride	<0.0016		0.0016	0.00046	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
Chlorobenzene	<0.0016		0.0016	0.00059	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
Chloroethane	<0.0040		0.0040	0.0012	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
Chloroform	<0.0016		0.0016	0.00055	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
Chloromethane	<0.0040		0.0040	0.0016	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00045	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00048	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
Dibromochloromethane	<0.0016		0.0016	0.00052	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
1,1-Dichloroethane	<0.0016		0.0016	0.00055	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
1,2-Dichloroethane	<0.0040		0.0040	0.0012	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
1,1-Dichloroethene	<0.0016		0.0016	0.00055	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
1,2-Dichloropropane	<0.0016		0.0016	0.00041	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00056	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
Ethylbenzene	<0.0016		0.0016	0.00076	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
2-Hexanone	<0.0040		0.0040	0.0012	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
Methylene Chloride	<0.0040		0.0040	0.0016	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
Methyl Ethyl Ketone	<0.0040		0.0040	0.0018	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
methyl isobutyl ketone	<0.0040		0.0040	0.0012	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00047	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
Styrene	<0.0016		0.0016	0.00048	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00051	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
Tetrachloroethene	<0.0016		0.0016	0.00054	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
Toluene	<0.0016		0.0016	0.00040	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00071	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00056	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00054	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00068	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
Trichloroethene	<0.0016		0.0016	0.00054	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
Vinyl chloride	<0.0016		0.0016	0.00071	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
Xylenes, Total	<0.0032		0.0032	0.00051	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		75 - 131	05/28/21 17:40	06/02/21 14:02	1
Dibromofluoromethane	93		75 - 126	05/28/21 17:40	06/02/21 14:02	1
1,2-Dichloroethane-d4 (Surr)	88		70 - 134	05/28/21 17:40	06/02/21 14:02	1
Toluene-d8 (Surr)	94		75 - 124	05/28/21 17:40	06/02/21 14:02	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
1,2-Dichlorobenzene	<0.19		0.19	0.044	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199833-1

**Client Sample ID: ROW-18(0-2)-052721**

**Lab Sample ID: 500-199833-3**

Date Collected: 05/27/21 13:25

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 89.0

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.085	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
2,4-Dichlorophenol	<0.37		0.37	0.088	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
2,4-Dinitrophenol	<0.75		0.75	0.65	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
2,4-Dinitrotoluene	<0.19		0.19	0.059	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
2,6-Dinitrotoluene	<0.19		0.19	0.073	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
2-Chlorophenol	<0.19		0.19	0.063	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
<b>2-Methylnaphthalene</b>	<b>0.023</b>	<b>J</b>	0.075	0.0068	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
2-Nitrophenol	<0.37		0.37	0.088	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
3 & 4 Methylphenol	<0.19		0.19	0.062	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
3,3'-Dichlorobenzidine	<0.19	*3	0.19	0.052	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.30	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
4-Chloroaniline	<0.75		0.75	0.17	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.043	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
4-Nitrophenol	<0.75		0.75	0.35	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
<b>Acenaphthene</b>	<b>0.017</b>	<b>J</b>	0.037	0.0067	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
<b>Acenaphthylene</b>	<b>0.024</b>	<b>J</b>	0.037	0.0049	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
<b>Anthracene</b>	<b>0.038</b>		0.037	0.0062	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
<b>Benzo[a]anthracene</b>	<b>0.19</b>	<b>*3</b>	0.037	0.0050	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
<b>Benzo[a]pyrene</b>	<b>0.26</b>	<b>*3</b>	0.037	0.0072	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
<b>Benzo[b]fluoranthene</b>	<b>0.48</b>	<b>*3</b>	0.037	0.0080	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
<b>Benzo[g,h,i]perylene</b>	<b>0.23</b>	<b>*3</b>	0.037	0.012	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
<b>Benzo[k]fluoranthene</b>	<b>0.18</b>	<b>*3</b>	0.037	0.011	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
<b>Bis(2-ethylhexyl) phthalate</b>	<b>0.21</b>	<b>*3</b>	0.19	0.068	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
<b>Butyl benzyl phthalate</b>	<b>0.15</b>	<b>J *3</b>	0.19	0.071	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Carbazole	<0.19		0.19	0.093	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
<b>Chrysene</b>	<b>0.31</b>	<b>*3</b>	0.037	0.010	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Dibenz(a,h)anthracene	<0.037	*3	0.037	0.0072	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Diethyl phthalate	<0.19		0.19	0.063	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
<b>Fluoranthene</b>	<b>0.40</b>		0.037	0.0069	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
<b>Fluorene</b>	<b>0.013</b>	<b>J</b>	0.037	0.0052	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Hexachlorobenzene	<0.075		0.075	0.0086	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Hexachlorobutadiene	<0.19		0.19	0.058	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Hexachlorocyclopentadiene	<0.75		0.75	0.21	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Hexachloroethane	<0.19		0.19	0.056	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199833-1

**Client Sample ID: ROW-18(0-2)-052721**

**Lab Sample ID: 500-199833-3**

Date Collected: 05/27/21 13:25

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 89.0

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.13</b>	<b>*3</b>	0.037	0.0096	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
<b>Naphthalene</b>	<b>0.015</b>	<b>J</b>	0.037	0.0057	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Nitrobenzene	<0.037		0.037	0.0093	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.045	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Pentachlorophenol	<0.75		0.75	0.60	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
<b>Phenanthrene</b>	<b>0.22</b>		0.037	0.0052	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Phenol	<0.19		0.19	0.083	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
<b>Pyrene</b>	<b>1.0</b>	<b>*3</b>	0.037	0.0074	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	93		31 - 143				06/03/21 16:19	06/05/21 04:30	1
2-Fluorobiphenyl	84		43 - 145				06/03/21 16:19	06/05/21 04:30	1
2-Fluorophenol	80		31 - 166				06/03/21 16:19	06/05/21 04:30	1
Nitrobenzene-d5	82		37 - 147				06/03/21 16:19	06/05/21 04:30	1
Phenol-d5	78		30 - 153				06/03/21 16:19	06/05/21 04:30	1
Terphenyl-d14	185	*3 S1+	42 - 157				06/03/21 16:19	06/05/21 04:30	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:29	06/04/21 13:57	1
<b>Barium</b>	<b>0.66</b>		0.50	0.050	mg/L		06/03/21 18:29	06/04/21 13:57	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:29	06/04/21 13:57	1
<b>Cadmium</b>	<b>0.0027</b>	<b>J</b>	0.0050	0.0020	mg/L		06/03/21 18:29	06/04/21 13:57	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 13:57	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 13:57	1
<b>Copper</b>	<b>0.084</b>		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 13:57	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:29	06/04/21 13:57	1
<b>Lead</b>	<b>0.0099</b>		0.0075	0.0075	mg/L		06/03/21 18:29	06/04/21 13:57	1
<b>Manganese</b>	<b>0.50</b>		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 13:57	1
<b>Nickel</b>	<b>0.013</b>	<b>J B</b>	0.025	0.010	mg/L		06/03/21 18:29	06/04/21 13:57	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:29	06/04/21 13:57	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 13:57	1
<b>Zinc</b>	<b>0.24</b>	<b>J</b>	0.50	0.020	mg/L		06/03/21 18:29	06/04/21 13:57	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.050</b>		0.050	0.010	mg/L		06/03/21 18:33	06/04/21 13:29	1
<b>Barium</b>	<b>0.56</b>		0.50	0.050	mg/L		06/03/21 18:33	06/04/21 13:29	1
<b>Beryllium</b>	<b>0.0060</b>		0.0040	0.0040	mg/L		06/03/21 18:33	06/04/21 13:29	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:33	06/04/21 13:29	1
<b>Chromium</b>	<b>0.14</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:29	1
<b>Cobalt</b>	<b>0.032</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:29	1
<b>Copper</b>	<b>0.14</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:29	1
<b>Iron</b>	<b>130</b>		0.40	0.20	mg/L		06/03/21 18:33	06/04/21 13:29	1
<b>Lead</b>	<b>0.31</b>		0.0075	0.0075	mg/L		06/03/21 18:33	06/04/21 13:29	1
<b>Manganese</b>	<b>0.62</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:29	1
<b>Nickel</b>	<b>0.13</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:29	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:33	06/04/21 13:29	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199833-1

**Client Sample ID: ROW-18(0-2)-052721**

**Lab Sample ID: 500-199833-3**

Date Collected: 05/27/21 13:25

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 89.0

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:29	1
<b>Zinc</b>	<b>0.54</b>		0.50	0.020	mg/L		06/03/21 18:33	06/04/21 13:29	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Antimony</b>	<b>1.2</b>		1.1	0.20	mg/Kg	☆	06/03/21 08:47	06/03/21 18:53	1
<b>Arsenic</b>	<b>5.3</b>		0.53	0.18	mg/Kg	☆	06/03/21 08:47	06/03/21 18:53	1
<b>Barium</b>	<b>120</b>		0.53	0.060	mg/Kg	☆	06/03/21 08:47	06/03/21 18:53	1
<b>Beryllium</b>	<b>0.62</b>		0.21	0.049	mg/Kg	☆	06/03/21 08:47	06/03/21 18:53	1
<b>Cadmium</b>	<b>0.73</b>	<b>B</b>	0.11	0.019	mg/Kg	☆	06/03/21 08:47	06/03/21 18:53	1
<b>Calcium</b>	<b>82000</b>	<b>B</b>	53	8.9	mg/Kg	☆	06/03/21 08:47	06/04/21 14:42	5
<b>Chromium</b>	<b>45</b>		0.53	0.26	mg/Kg	☆	06/03/21 08:47	06/03/21 18:53	1
<b>Cobalt</b>	<b>8.4</b>		0.26	0.069	mg/Kg	☆	06/03/21 08:47	06/03/21 18:53	1
<b>Copper</b>	<b>36</b>		0.53	0.15	mg/Kg	☆	06/03/21 08:47	06/03/21 18:53	1
<b>Iron</b>	<b>22000</b>		53	27	mg/Kg	☆	06/03/21 08:47	06/04/21 14:42	5
<b>Lead</b>	<b>87</b>		0.26	0.12	mg/Kg	☆	06/03/21 08:47	06/03/21 18:53	1
<b>Magnesium</b>	<b>45000</b>		26	13	mg/Kg	☆	06/03/21 08:47	06/04/21 14:42	5
<b>Manganese</b>	<b>580</b>		0.53	0.076	mg/Kg	☆	06/03/21 08:47	06/03/21 18:53	1
<b>Nickel</b>	<b>22</b>		0.53	0.15	mg/Kg	☆	06/03/21 08:47	06/03/21 18:53	1
<b>Potassium</b>	<b>1400</b>		26	9.3	mg/Kg	☆	06/03/21 08:47	06/03/21 18:53	1
Selenium	<0.53		0.53	0.31	mg/Kg	☆	06/03/21 08:47	06/03/21 18:53	1
<b>Silver</b>	<b>0.41</b>		0.26	0.068	mg/Kg	☆	06/03/21 08:47	06/03/21 18:53	1
<b>Sodium</b>	<b>1200</b>		53	7.8	mg/Kg	☆	06/03/21 08:47	06/03/21 18:53	1
Thallium	<0.53		0.53	0.26	mg/Kg	☆	06/03/21 08:47	06/03/21 18:53	1
<b>Vanadium</b>	<b>30</b>		0.26	0.062	mg/Kg	☆	06/03/21 08:47	06/03/21 18:53	1
<b>Zinc</b>	<b>190</b>		1.1	0.46	mg/Kg	☆	06/03/21 08:47	06/03/21 18:53	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 07:32	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 08:42	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.053</b>		0.018	0.0060	mg/Kg	☆	06/02/21 12:50	06/03/21 08:16	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.4</b>		0.2	0.2	SU			06/03/21 14:42	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199833-1

**Client Sample ID: ROW-18(0-2)-052721D**

**Lab Sample ID: 500-199833-4**

**Date Collected: 05/27/21 13:25**

**Matrix: Solid**

**Date Received: 05/27/21 16:55**

**Percent Solids: 86.4**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0070	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
Benzene	<0.0016		0.0016	0.00041	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
Bromodichloromethane	<0.0016		0.0016	0.00033	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
Bromoform	<0.0016		0.0016	0.00047	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
Bromomethane	<0.0040		0.0040	0.0015	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
Carbon disulfide	<0.0040		0.0040	0.00084	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
Carbon tetrachloride	<0.0016		0.0016	0.00047	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
Chlorobenzene	<0.0016		0.0016	0.00059	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
Chloroethane	<0.0040		0.0040	0.0012	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
Chloroform	<0.0016		0.0016	0.00056	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
Chloromethane	<0.0040		0.0040	0.0016	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00045	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00049	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
Dibromochloromethane	<0.0016		0.0016	0.00053	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
1,1-Dichloroethane	<0.0016		0.0016	0.00055	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
1,2-Dichloroethane	<0.0040		0.0040	0.0013	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
1,1-Dichloroethene	<0.0016		0.0016	0.00055	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
1,2-Dichloropropane	<0.0016		0.0016	0.00042	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
1,3-Dichloropropane, Total	<0.0016		0.0016	0.00057	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
Ethylbenzene	<0.0016		0.0016	0.00077	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
2-Hexanone	<0.0040		0.0040	0.0013	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
Methylene Chloride	<0.0040		0.0040	0.0016	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
Methyl Ethyl Ketone	<0.0040		0.0040	0.0018	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
methyl isobutyl ketone	<0.0040		0.0040	0.0012	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00047	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
Styrene	<0.0016		0.0016	0.00049	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00051	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
Tetrachloroethene	<0.0016		0.0016	0.00055	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
Toluene	<0.0016		0.0016	0.00041	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00071	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00057	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00054	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00069	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
Trichloroethene	<0.0016		0.0016	0.00054	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
Vinyl chloride	<0.0016		0.0016	0.00071	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
Xylenes, Total	<0.0032		0.0032	0.00052	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		75 - 131	05/28/21 17:40	06/02/21 14:27	1
Dibromofluoromethane	94		75 - 126	05/28/21 17:40	06/02/21 14:27	1
1,2-Dichloroethane-d4 (Surr)	91		70 - 134	05/28/21 17:40	06/02/21 14:27	1
Toluene-d8 (Surr)	97		75 - 124	05/28/21 17:40	06/02/21 14:27	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199833-1

**Client Sample ID: ROW-18(0-2)-052721D**

**Lab Sample ID: 500-199833-4**

Date Collected: 05/27/21 13:25

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 86.4

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.087	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
2,4-Dichlorophenol	<0.38		0.38	0.090	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
2,4-Dimethylphenol	<0.38		0.38	0.14	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
2,4-Dinitrophenol	<0.77		0.77	0.67	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
2,4-Dinitrotoluene	<0.19		0.19	0.061	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
2,6-Dinitrotoluene	<0.19		0.19	0.075	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
2-Chlorophenol	<0.19		0.19	0.065	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
<b>2-Methylnaphthalene</b>	<b>0.021</b>	<b>J</b>	0.077	0.0070	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
2-Methylphenol	<0.19		0.19	0.061	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
2-Nitrophenol	<0.38		0.38	0.090	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
3 & 4 Methylphenol	<0.19		0.19	0.063	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
3,3'-Dichlorobenzidine	<0.19	*3	0.19	0.053	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
4,6-Dinitro-2-methylphenol	<0.77		0.77	0.31	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
4-Chloroaniline	<0.77		0.77	0.18	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
4-Nitrophenol	<0.77		0.77	0.36	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
<b>Acenaphthene</b>	<b>0.0098</b>	<b>J</b>	0.038	0.0068	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
<b>Acenaphthylene</b>	<b>0.027</b>	<b>J</b>	0.038	0.0050	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
<b>Anthracene</b>	<b>0.037</b>	<b>J</b>	0.038	0.0064	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
<b>Benzo[a]anthracene</b>	<b>0.15</b>	<b>*3</b>	0.038	0.0051	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
<b>Benzo[a]pyrene</b>	<b>0.24</b>	<b>*3</b>	0.038	0.0074	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
<b>Benzo[b]fluoranthene</b>	<b>0.39</b>	<b>*3</b>	0.038	0.0082	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
<b>Benzo[g,h,i]perylene</b>	<b>0.20</b>	<b>*3</b>	0.038	0.012	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
<b>Benzo[k]fluoranthene</b>	<b>0.096</b>	<b>*3</b>	0.038	0.011	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.057	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
<b>Bis(2-ethylhexyl) phthalate</b>	<b>0.27</b>	<b>*3</b>	0.19	0.070	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
<b>Butyl benzyl phthalate</b>	<b>0.14</b>	<b>J *3</b>	0.19	0.072	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Carbazole	<0.19		0.19	0.095	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
<b>Chrysene</b>	<b>0.21</b>	<b>*3</b>	0.038	0.010	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Dibenz(a,h)anthracene	<0.038	*3	0.038	0.0074	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Diethyl phthalate	<0.19		0.19	0.065	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Di-n-butyl phthalate	<0.19		0.19	0.058	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Di-n-octyl phthalate	<0.19		0.19	0.062	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
<b>Fluoranthene</b>	<b>0.29</b>		0.038	0.0071	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
<b>Fluorene</b>	<b>0.017</b>	<b>J</b>	0.038	0.0054	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Hexachlorobenzene	<0.077		0.077	0.0088	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Hexachlorobutadiene	<0.19		0.19	0.060	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Hexachlorocyclopentadiene	<0.77		0.77	0.22	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Hexachloroethane	<0.19		0.19	0.058	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1

Eurofins TestAmerica, Chicago



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199833-1

**Client Sample ID: ROW-18(0-2)-052721D**

**Lab Sample ID: 500-199833-4**

Date Collected: 05/27/21 13:25

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 86.4

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.077</b>	<b>*3</b>	0.038	0.0099	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
<b>Naphthalene</b>	<b>0.014</b>	<b>J</b>	0.038	0.0059	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Nitrobenzene	<0.038		0.038	0.0095	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
N-Nitrosodi-n-propylamine	<0.077		0.077	0.047	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Pentachlorophenol	<0.77		0.77	0.61	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
<b>Phenanthrene</b>	<b>0.17</b>		0.038	0.0053	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Phenol	<0.19		0.19	0.085	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
<b>Pyrene</b>	<b>0.71</b>	<b>*3</b>	0.038	0.0076	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	93		31 - 143				06/03/21 16:19	06/05/21 04:51	1
2-Fluorobiphenyl	89		43 - 145				06/03/21 16:19	06/05/21 04:51	1
2-Fluorophenol	85		31 - 166				06/03/21 16:19	06/05/21 04:51	1
Nitrobenzene-d5	82		37 - 147				06/03/21 16:19	06/05/21 04:51	1
Phenol-d5	83		30 - 153				06/03/21 16:19	06/05/21 04:51	1
Terphenyl-d14	205	*3 S1+	42 - 157				06/03/21 16:19	06/05/21 04:51	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:29	06/04/21 14:00	1
<b>Barium</b>	<b>0.70</b>		0.50	0.050	mg/L		06/03/21 18:29	06/04/21 14:00	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:29	06/04/21 14:00	1
<b>Cadmium</b>	<b>0.0034</b>	<b>J</b>	0.0050	0.0020	mg/L		06/03/21 18:29	06/04/21 14:00	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:00	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:00	1
<b>Copper</b>	<b>0.086</b>		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:00	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:29	06/04/21 14:00	1
<b>Lead</b>	<b>0.010</b>		0.0075	0.0075	mg/L		06/03/21 18:29	06/04/21 14:00	1
<b>Manganese</b>	<b>0.56</b>		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:00	1
<b>Nickel</b>	<b>0.012</b>	<b>J B</b>	0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:00	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:29	06/04/21 14:00	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:00	1
<b>Zinc</b>	<b>0.25</b>	<b>J</b>	0.50	0.020	mg/L		06/03/21 18:29	06/04/21 14:00	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.055</b>		0.050	0.010	mg/L		06/03/21 18:33	06/04/21 13:32	1
<b>Barium</b>	<b>0.63</b>		0.50	0.050	mg/L		06/03/21 18:33	06/04/21 13:32	1
<b>Beryllium</b>	<b>0.0068</b>		0.0040	0.0040	mg/L		06/03/21 18:33	06/04/21 13:32	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:33	06/04/21 13:32	1
<b>Chromium</b>	<b>0.14</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:32	1
<b>Cobalt</b>	<b>0.039</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:32	1
<b>Copper</b>	<b>0.16</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:32	1
<b>Iron</b>	<b>150</b>		0.40	0.20	mg/L		06/03/21 18:33	06/04/21 13:32	1
<b>Lead</b>	<b>0.30</b>		0.0075	0.0075	mg/L		06/03/21 18:33	06/04/21 13:32	1
<b>Manganese</b>	<b>0.69</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:32	1
<b>Nickel</b>	<b>0.14</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:32	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:33	06/04/21 13:32	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199833-1

**Client Sample ID: ROW-18(0-2)-052721D**

**Lab Sample ID: 500-199833-4**

Date Collected: 05/27/21 13:25

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 86.4

### Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:32	1
<b>Zinc</b>	<b>0.62</b>		0.50	0.020	mg/L		06/03/21 18:33	06/04/21 13:32	1

### Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Antimony</b>	<b>0.77</b>	<b>J</b>	1.1	0.21	mg/Kg	✧	06/03/21 08:47	06/03/21 18:56	1
<b>Arsenic</b>	<b>5.7</b>		0.55	0.19	mg/Kg	✧	06/03/21 08:47	06/03/21 18:56	1
<b>Barium</b>	<b>76</b>		0.55	0.063	mg/Kg	✧	06/03/21 08:47	06/03/21 18:56	1
<b>Beryllium</b>	<b>0.61</b>		0.22	0.051	mg/Kg	✧	06/03/21 08:47	06/03/21 18:56	1
<b>Cadmium</b>	<b>0.50</b>	<b>B</b>	0.11	0.020	mg/Kg	✧	06/03/21 08:47	06/03/21 18:56	1
<b>Calcium</b>	<b>78000</b>	<b>B</b>	55	9.3	mg/Kg	✧	06/03/21 08:47	06/04/21 14:45	5
<b>Chromium</b>	<b>28</b>		0.55	0.27	mg/Kg	✧	06/03/21 08:47	06/03/21 18:56	1
<b>Cobalt</b>	<b>9.5</b>		0.27	0.072	mg/Kg	✧	06/03/21 08:47	06/03/21 18:56	1
<b>Copper</b>	<b>30</b>		0.55	0.15	mg/Kg	✧	06/03/21 08:47	06/03/21 18:56	1
<b>Iron</b>	<b>22000</b>		55	29	mg/Kg	✧	06/03/21 08:47	06/04/21 14:45	5
<b>Lead</b>	<b>88</b>		0.27	0.13	mg/Kg	✧	06/03/21 08:47	06/03/21 18:56	1
<b>Magnesium</b>	<b>44000</b>		27	14	mg/Kg	✧	06/03/21 08:47	06/04/21 14:45	5
<b>Manganese</b>	<b>460</b>		0.55	0.080	mg/Kg	✧	06/03/21 08:47	06/03/21 18:56	1
<b>Nickel</b>	<b>23</b>		0.55	0.16	mg/Kg	✧	06/03/21 08:47	06/03/21 18:56	1
<b>Potassium</b>	<b>1400</b>		27	9.7	mg/Kg	✧	06/03/21 08:47	06/03/21 18:56	1
Selenium	<0.55		0.55	0.32	mg/Kg	✧	06/03/21 08:47	06/03/21 18:56	1
<b>Silver</b>	<b>0.40</b>		0.27	0.071	mg/Kg	✧	06/03/21 08:47	06/03/21 18:56	1
<b>Sodium</b>	<b>1300</b>		55	8.1	mg/Kg	✧	06/03/21 08:47	06/03/21 18:56	1
Thallium	<0.55		0.55	0.27	mg/Kg	✧	06/03/21 08:47	06/03/21 18:56	1
<b>Vanadium</b>	<b>26</b>		0.27	0.065	mg/Kg	✧	06/03/21 08:47	06/03/21 18:56	1
<b>Zinc</b>	<b>150</b>		1.1	0.48	mg/Kg	✧	06/03/21 08:47	06/03/21 18:56	1

### Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 07:34	1

### Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 08:45	1

### Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.039</b>		0.018	0.0058	mg/Kg	✧	06/02/21 12:50	06/03/21 08:18	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.5</b>		0.2	0.2	SU			06/03/21 15:18	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199833-1

**Client Sample ID: ROW-16(0-2)-052721**

**Lab Sample ID: 500-199833-5**

**Date Collected: 05/27/21 13:40**

**Matrix: Solid**

**Date Received: 05/27/21 16:55**

**Percent Solids: 83.9**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0076	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
Benzene	<0.0017		0.0017	0.00044	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
Bromodichloromethane	<0.0017		0.0017	0.00035	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
Bromoform	<0.0017		0.0017	0.00051	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
Bromomethane	<0.0044		0.0044	0.0016	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
Carbon disulfide	<0.0044		0.0044	0.00091	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
Carbon tetrachloride	<0.0017		0.0017	0.00051	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
Chlorobenzene	<0.0017		0.0017	0.00064	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
Chloroethane	<0.0044		0.0044	0.0013	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
Chloroform	<0.0017		0.0017	0.00061	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
Chloromethane	<0.0044		0.0044	0.0018	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00049	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00053	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
Dibromochloromethane	<0.0017		0.0017	0.00057	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
1,1-Dichloroethane	<0.0017		0.0017	0.00060	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
1,2-Dichloroethane	<0.0044		0.0044	0.0014	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
1,1-Dichloroethene	<0.0017		0.0017	0.00060	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
1,2-Dichloropropane	<0.0017		0.0017	0.00045	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
1,3-Dichloropropane, Total	<0.0017		0.0017	0.00061	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
Ethylbenzene	<0.0017		0.0017	0.00083	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
2-Hexanone	<0.0044		0.0044	0.0014	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
Methylene Chloride	<0.0044		0.0044	0.0017	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
Methyl Ethyl Ketone	<0.0044		0.0044	0.0019	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
methyl isobutyl ketone	<0.0044		0.0044	0.0013	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00051	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
Styrene	<0.0017		0.0017	0.00053	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00056	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
Tetrachloroethene	<0.0017		0.0017	0.00059	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
Toluene	<0.0017		0.0017	0.00044	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00077	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00061	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00059	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00075	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
Trichloroethene	<0.0017		0.0017	0.00059	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
Vinyl chloride	<0.0017		0.0017	0.00077	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
Xylenes, Total	<0.0035		0.0035	0.00056	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		75 - 131	05/28/21 17:40	06/02/21 14:53	1
Dibromofluoromethane	96		75 - 126	05/28/21 17:40	06/02/21 14:53	1
1,2-Dichloroethane-d4 (Surr)	91		70 - 134	05/28/21 17:40	06/02/21 14:53	1
Toluene-d8 (Surr)	95		75 - 124	05/28/21 17:40	06/02/21 14:53	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.042	mg/Kg	☼	06/03/21 16:19	06/05/21 01:59	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	06/03/21 16:19	06/05/21 01:59	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	06/03/21 16:19	06/05/21 01:59	1
1,4-Dichlorobenzene	<0.20		0.20	0.050	mg/Kg	☼	06/03/21 16:19	06/05/21 01:59	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	☼	06/03/21 16:19	06/05/21 01:59	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199833-1

**Client Sample ID: ROW-16(0-2)-052721**

**Lab Sample ID: 500-199833-5**

Date Collected: 05/27/21 13:40

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 83.9

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.090	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
2,4,6-Trichlorophenol	<0.39		0.39	0.14	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
2,4-Dichlorophenol	<0.39		0.39	0.093	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
2,4-Dinitrophenol	<0.79		0.79	0.69	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
2,4-Dinitrotoluene	<0.20		0.20	0.063	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
2,6-Dinitrotoluene	<0.20		0.20	0.077	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
2-Chloronaphthalene	<0.20		0.20	0.043	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
2-Chlorophenol	<0.20		0.20	0.067	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
2-Methylnaphthalene	<0.079		0.079	0.0072	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
2-Nitrophenol	<0.39		0.39	0.093	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
3 & 4 Methylphenol	<0.20		0.20	0.066	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.32	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
4-Chloroaniline	<0.79		0.79	0.18	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
4-Nitroaniline	<0.39		0.39	0.16	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
4-Nitrophenol	<0.79		0.79	0.37	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
Acenaphthene	<0.039		0.039	0.0071	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
Anthracene	<0.039		0.039	0.0066	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
<b>Benzo[a]anthracene</b>	<b>0.018</b>	<b>J</b>	0.039	0.0053	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
<b>Benzo[a]pyrene</b>	<b>0.015</b>	<b>J</b>	0.039	0.0076	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
<b>Benzo[b]fluoranthene</b>	<b>0.022</b>	<b>J</b>	0.039	0.0085	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
Benzo[g,h,i]perylene	<0.039		0.039	0.013	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
Benzo[k]fluoranthene	<0.039		0.039	0.012	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
Butyl benzyl phthalate	<0.20		0.20	0.075	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
Carbazole	<0.20		0.20	0.098	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
<b>Chrysene</b>	<b>0.020</b>	<b>J</b>	0.039	0.011	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
Dibenz(a,h)anthracene	<0.039		0.039	0.0076	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
Diethyl phthalate	<0.20		0.20	0.067	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
Dimethyl phthalate	<0.20		0.20	0.051	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
<b>Fluoranthene</b>	<b>0.024</b>	<b>J</b>	0.039	0.0073	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
Fluorene	<0.039		0.039	0.0055	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
Hexachlorobenzene	<0.079		0.079	0.0091	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
Hexachlorocyclopentadiene	<0.79		0.79	0.23	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
Hexachloroethane	<0.20		0.20	0.060	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199833-1

**Client Sample ID: ROW-16(0-2)-052721**

**Lab Sample ID: 500-199833-5**

**Date Collected: 05/27/21 13:40**

**Matrix: Solid**

**Date Received: 05/27/21 16:55**

**Percent Solids: 83.9**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.039		0.039	0.010	mg/Kg	☼	06/03/21 16:19	06/05/21 01:59	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	06/03/21 16:19	06/05/21 01:59	1
Naphthalene	<0.039		0.039	0.0061	mg/Kg	☼	06/03/21 16:19	06/05/21 01:59	1
Nitrobenzene	<0.039		0.039	0.0098	mg/Kg	☼	06/03/21 16:19	06/05/21 01:59	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.048	mg/Kg	☼	06/03/21 16:19	06/05/21 01:59	1
N-Nitrosodiphenylamine	<0.20		0.20	0.046	mg/Kg	☼	06/03/21 16:19	06/05/21 01:59	1
Pentachlorophenol	<0.79		0.79	0.63	mg/Kg	☼	06/03/21 16:19	06/05/21 01:59	1
<b>Phenanthrene</b>	<b>0.013</b>	<b>J</b>	0.039	0.0055	mg/Kg	☼	06/03/21 16:19	06/05/21 01:59	1
Phenol	<0.20		0.20	0.087	mg/Kg	☼	06/03/21 16:19	06/05/21 01:59	1
<b>Pyrene</b>	<b>0.026</b>	<b>J</b>	0.039	0.0078	mg/Kg	☼	06/03/21 16:19	06/05/21 01:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	63		31 - 143				06/03/21 16:19	06/05/21 01:59	1
2-Fluorobiphenyl	90		43 - 145				06/03/21 16:19	06/05/21 01:59	1
2-Fluorophenol	90		31 - 166				06/03/21 16:19	06/05/21 01:59	1
Nitrobenzene-d5	82		37 - 147				06/03/21 16:19	06/05/21 01:59	1
Phenol-d5	88		30 - 153				06/03/21 16:19	06/05/21 01:59	1
Terphenyl-d14	115		42 - 157				06/03/21 16:19	06/05/21 01:59	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:29	06/04/21 14:04	1
<b>Barium</b>	<b>0.71</b>		0.50	0.050	mg/L		06/03/21 18:29	06/04/21 14:04	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:29	06/04/21 14:04	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:29	06/04/21 14:04	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:04	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:04	1
<b>Copper</b>	<b>0.021</b>	<b>J</b>	0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:04	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:29	06/04/21 14:04	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/21 18:29	06/04/21 14:04	1
<b>Manganese</b>	<b>1.2</b>		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:04	1
<b>Nickel</b>	<b>0.010</b>	<b>J B</b>	0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:04	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:29	06/04/21 14:04	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:04	1
<b>Zinc</b>	<b>0.045</b>	<b>J</b>	0.50	0.020	mg/L		06/03/21 18:29	06/04/21 14:04	1

**Method: 6010B - Metals (ICP) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.079</b>		0.050	0.010	mg/L		06/03/21 18:33	06/04/21 13:35	1
<b>Barium</b>	<b>1.1</b>		0.50	0.050	mg/L		06/03/21 18:33	06/04/21 13:35	1
<b>Beryllium</b>	<b>0.011</b>		0.0040	0.0040	mg/L		06/03/21 18:33	06/04/21 13:35	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:33	06/04/21 13:35	1
<b>Chromium</b>	<b>0.24</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:35	1
<b>Cobalt</b>	<b>0.053</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:35	1
<b>Copper</b>	<b>0.21</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:35	1
<b>Iron</b>	<b>230</b>		0.40	0.20	mg/L		06/03/21 18:33	06/04/21 13:35	1
<b>Lead</b>	<b>0.17</b>		0.0075	0.0075	mg/L		06/03/21 18:33	06/04/21 13:35	1
<b>Manganese</b>	<b>0.99</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:35	1
<b>Nickel</b>	<b>0.21</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:35	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:33	06/04/21 13:35	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199833-1

**Client Sample ID: ROW-16(0-2)-052721**

**Lab Sample ID: 500-199833-5**

Date Collected: 05/27/21 13:40

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 83.9

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:35	1
<b>Zinc</b>	<b>0.76</b>		0.50	0.020	mg/L		06/03/21 18:33	06/04/21 13:35	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Antimony</b>	<b>0.84</b>	<b>J</b>	1.1	0.21	mg/Kg	✧	06/03/21 08:47	06/03/21 19:07	1
<b>Arsenic</b>	<b>6.5</b>		0.54	0.19	mg/Kg	✧	06/03/21 08:47	06/03/21 19:07	1
<b>Barium</b>	<b>110</b>		0.54	0.062	mg/Kg	✧	06/03/21 08:47	06/03/21 19:07	1
<b>Beryllium</b>	<b>0.85</b>		0.22	0.051	mg/Kg	✧	06/03/21 08:47	06/03/21 19:07	1
<b>Cadmium</b>	<b>0.16</b>	<b>B</b>	0.11	0.020	mg/Kg	✧	06/03/21 08:47	06/03/21 19:07	1
<b>Calcium</b>	<b>9600</b>	<b>B</b>	11	1.8	mg/Kg	✧	06/03/21 08:47	06/03/21 19:07	1
<b>Chromium</b>	<b>19</b>		0.54	0.27	mg/Kg	✧	06/03/21 08:47	06/03/21 19:07	1
<b>Cobalt</b>	<b>12</b>		0.27	0.071	mg/Kg	✧	06/03/21 08:47	06/03/21 19:07	1
<b>Copper</b>	<b>17</b>		0.54	0.15	mg/Kg	✧	06/03/21 08:47	06/03/21 19:07	1
<b>Iron</b>	<b>17000</b>		11	5.7	mg/Kg	✧	06/03/21 08:47	06/03/21 19:07	1
<b>Lead</b>	<b>38</b>		0.27	0.13	mg/Kg	✧	06/03/21 08:47	06/03/21 19:07	1
<b>Magnesium</b>	<b>6900</b>		5.4	2.7	mg/Kg	✧	06/03/21 08:47	06/03/21 19:07	1
<b>Manganese</b>	<b>530</b>		0.54	0.079	mg/Kg	✧	06/03/21 08:47	06/03/21 19:07	1
<b>Nickel</b>	<b>22</b>		0.54	0.16	mg/Kg	✧	06/03/21 08:47	06/03/21 19:07	1
<b>Potassium</b>	<b>1300</b>		27	9.6	mg/Kg	✧	06/03/21 08:47	06/03/21 19:07	1
<b>Selenium</b>	<b>0.35</b>	<b>J</b>	0.54	0.32	mg/Kg	✧	06/03/21 08:47	06/03/21 19:07	1
<b>Silver</b>	<b>0.59</b>		0.27	0.070	mg/Kg	✧	06/03/21 08:47	06/03/21 19:07	1
<b>Sodium</b>	<b>2500</b>		54	8.0	mg/Kg	✧	06/03/21 08:47	06/03/21 19:07	1
Thallium	<0.54		0.54	0.27	mg/Kg	✧	06/03/21 08:47	06/03/21 19:07	1
<b>Vanadium</b>	<b>32</b>		0.27	0.064	mg/Kg	✧	06/03/21 08:47	06/03/21 19:07	1
<b>Zinc</b>	<b>63</b>		1.1	0.48	mg/Kg	✧	06/03/21 08:47	06/03/21 19:07	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 07:36	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 08:47	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.048</b>		0.018	0.0059	mg/Kg	✧	06/02/21 12:50	06/03/21 08:26	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.0</b>		0.2	0.2	SU			06/03/21 15:18	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199833-1

**Client Sample ID: ROW-14(0-2)-052721**

**Lab Sample ID: 500-199833-6**

**Date Collected: 05/27/21 13:50**

**Matrix: Solid**

**Date Received: 05/27/21 16:55**

**Percent Solids: 89.9**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0070	mg/Kg	☼	05/28/21 17:40	06/02/21 15:19	1
Benzene	<0.0016		0.0016	0.00041	mg/Kg	☼	05/28/21 17:40	06/02/21 15:19	1
Bromodichloromethane	<0.0016		0.0016	0.00033	mg/Kg	☼	05/28/21 17:40	06/02/21 15:19	1
Bromoform	<0.0016		0.0016	0.00047	mg/Kg	☼	05/28/21 17:40	06/02/21 15:19	1
Bromomethane	<0.0040		0.0040	0.0015	mg/Kg	☼	05/28/21 17:40	06/02/21 15:19	1
Carbon disulfide	<0.0040		0.0040	0.00084	mg/Kg	☼	05/28/21 17:40	06/02/21 15:19	1
Carbon tetrachloride	<0.0016		0.0016	0.00047	mg/Kg	☼	05/28/21 17:40	06/02/21 15:19	1
Chlorobenzene	<0.0016		0.0016	0.00059	mg/Kg	☼	05/28/21 17:40	06/02/21 15:19	1
Chloroethane	<0.0040		0.0040	0.0012	mg/Kg	☼	05/28/21 17:40	06/02/21 15:19	1
Chloroform	<0.0016		0.0016	0.00056	mg/Kg	☼	05/28/21 17:40	06/02/21 15:19	1
Chloromethane	<0.0040		0.0040	0.0016	mg/Kg	☼	05/28/21 17:40	06/02/21 15:19	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00045	mg/Kg	☼	05/28/21 17:40	06/02/21 15:19	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00048	mg/Kg	☼	05/28/21 17:40	06/02/21 15:19	1
Dibromochloromethane	<0.0016		0.0016	0.00053	mg/Kg	☼	05/28/21 17:40	06/02/21 15:19	1
1,1-Dichloroethane	<0.0016		0.0016	0.00055	mg/Kg	☼	05/28/21 17:40	06/02/21 15:19	1
1,2-Dichloroethane	<0.0040		0.0040	0.0013	mg/Kg	☼	05/28/21 17:40	06/02/21 15:19	1
1,1-Dichloroethene	<0.0016		0.0016	0.00055	mg/Kg	☼	05/28/21 17:40	06/02/21 15:19	1
1,2-Dichloropropane	<0.0016		0.0016	0.00042	mg/Kg	☼	05/28/21 17:40	06/02/21 15:19	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00056	mg/Kg	☼	05/28/21 17:40	06/02/21 15:19	1
Ethylbenzene	<0.0016		0.0016	0.00077	mg/Kg	☼	05/28/21 17:40	06/02/21 15:19	1
2-Hexanone	<0.0040		0.0040	0.0013	mg/Kg	☼	05/28/21 17:40	06/02/21 15:19	1
Methylene Chloride	<0.0040		0.0040	0.0016	mg/Kg	☼	05/28/21 17:40	06/02/21 15:19	1
Methyl Ethyl Ketone	<0.0040		0.0040	0.0018	mg/Kg	☼	05/28/21 17:40	06/02/21 15:19	1
methyl isobutyl ketone	<0.0040		0.0040	0.0012	mg/Kg	☼	05/28/21 17:40	06/02/21 15:19	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00047	mg/Kg	☼	05/28/21 17:40	06/02/21 15:19	1
Styrene	<0.0016		0.0016	0.00049	mg/Kg	☼	05/28/21 17:40	06/02/21 15:19	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00051	mg/Kg	☼	05/28/21 17:40	06/02/21 15:19	1
Tetrachloroethene	<0.0016		0.0016	0.00055	mg/Kg	☼	05/28/21 17:40	06/02/21 15:19	1
Toluene	<0.0016		0.0016	0.00041	mg/Kg	☼	05/28/21 17:40	06/02/21 15:19	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00071	mg/Kg	☼	05/28/21 17:40	06/02/21 15:19	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00056	mg/Kg	☼	05/28/21 17:40	06/02/21 15:19	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00054	mg/Kg	☼	05/28/21 17:40	06/02/21 15:19	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00069	mg/Kg	☼	05/28/21 17:40	06/02/21 15:19	1
Trichloroethene	<0.0016		0.0016	0.00054	mg/Kg	☼	05/28/21 17:40	06/02/21 15:19	1
Vinyl chloride	<0.0016		0.0016	0.00071	mg/Kg	☼	05/28/21 17:40	06/02/21 15:19	1
Xylenes, Total	<0.0032		0.0032	0.00051	mg/Kg	☼	05/28/21 17:40	06/02/21 15:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		75 - 131	05/28/21 17:40	06/02/21 15:19	1
Dibromofluoromethane	96		75 - 126	05/28/21 17:40	06/02/21 15:19	1
1,2-Dichloroethane-d4 (Surr)	92		70 - 134	05/28/21 17:40	06/02/21 15:19	1
Toluene-d8 (Surr)	95		75 - 124	05/28/21 17:40	06/02/21 15:19	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.039	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
1,2-Dichlorobenzene	<0.18		0.18	0.044	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
1,3-Dichlorobenzene	<0.18		0.18	0.041	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
1,4-Dichlorobenzene	<0.18		0.18	0.047	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.042	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199833-1

**Client Sample ID: ROW-14(0-2)-052721**

**Lab Sample ID: 500-199833-6**

**Date Collected: 05/27/21 13:50**

**Matrix: Solid**

**Date Received: 05/27/21 16:55**

**Percent Solids: 89.9**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.36		0.36	0.084	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
2,4,6-Trichlorophenol	<0.36		0.36	0.13	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
2,4-Dichlorophenol	<0.36		0.36	0.087	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
2,4-Dimethylphenol	<0.36		0.36	0.14	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
2,4-Dinitrophenol	<0.74		0.74	0.64	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
2,4-Dinitrotoluene	<0.18		0.18	0.058	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
2,6-Dinitrotoluene	<0.18		0.18	0.072	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
2-Chloronaphthalene	<0.18		0.18	0.040	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
2-Chlorophenol	<0.18		0.18	0.062	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
2-Methylnaphthalene	<0.074		0.074	0.0067	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
2-Methylphenol	<0.18		0.18	0.059	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
2-Nitroaniline	<0.18		0.18	0.049	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
2-Nitrophenol	<0.36		0.36	0.087	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
3 & 4 Methylphenol	<0.18		0.18	0.061	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
3,3'-Dichlorobenzidine	<0.18	*3	0.18	0.051	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
3-Nitroaniline	<0.36		0.36	0.11	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
4,6-Dinitro-2-methylphenol	<0.74		0.74	0.29	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.048	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
4-Chloro-3-methylphenol	<0.36		0.36	0.12	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
4-Chloroaniline	<0.74		0.74	0.17	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.043	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
4-Nitroaniline	<0.36		0.36	0.15	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
4-Nitrophenol	<0.74		0.74	0.35	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Acenaphthene	<0.036		0.036	0.0066	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
<b>Acenaphthylene</b>	<b>0.015</b>	<b>J</b>	0.036	0.0048	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
<b>Anthracene</b>	<b>0.027</b>	<b>J</b>	0.036	0.0061	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
<b>Benzo[a]anthracene</b>	<b>0.14</b>	<b>*3</b>	0.036	0.0049	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
<b>Benzo[a]pyrene</b>	<b>0.17</b>	<b>*3</b>	0.036	0.0071	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
<b>Benzo[b]fluoranthene</b>	<b>0.24</b>	<b>*3</b>	0.036	0.0079	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Benzo[g,h,i]perylene	<0.036	*3	0.036	0.012	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
<b>Benzo[k]fluoranthene</b>	<b>0.094</b>	<b>*3</b>	0.036	0.011	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.037	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.055	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
<b>Bis(2-ethylhexyl) phthalate</b>	<b>0.15</b>	<b>J *3</b>	0.18	0.067	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Butyl benzyl phthalate	<0.18	*3	0.18	0.070	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Carbazole	<0.18		0.18	0.091	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
<b>Chrysene</b>	<b>0.18</b>	<b>*3</b>	0.036	0.010	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Dibenz(a,h)anthracene	<0.036	*3	0.036	0.0071	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Dibenzofuran	<0.18		0.18	0.043	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Diethyl phthalate	<0.18		0.18	0.062	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Dimethyl phthalate	<0.18		0.18	0.048	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Di-n-butyl phthalate	<0.18		0.18	0.056	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Di-n-octyl phthalate	<0.18		0.18	0.060	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
<b>Fluoranthene</b>	<b>0.18</b>		0.036	0.0068	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
<b>Fluorene</b>	<b>0.0096</b>	<b>J</b>	0.036	0.0051	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Hexachlorobenzene	<0.074		0.074	0.0085	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Hexachlorobutadiene	<0.18		0.18	0.058	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Hexachlorocyclopentadiene	<0.74		0.74	0.21	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Hexachloroethane	<0.18		0.18	0.056	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1

Eurofins TestAmerica, Chicago



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199833-1

**Client Sample ID: ROW-14(0-2)-052721**

**Lab Sample ID: 500-199833-6**

**Date Collected: 05/27/21 13:50**

**Matrix: Solid**

**Date Received: 05/27/21 16:55**

**Percent Solids: 89.9**

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.036	*3	0.036	0.0095	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Isophorone	<0.18		0.18	0.041	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Naphthalene	<0.036		0.036	0.0056	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Nitrobenzene	<0.036		0.036	0.0091	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
N-Nitrosodi-n-propylamine	<0.074		0.074	0.045	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
N-Nitrosodiphenylamine	<0.18		0.18	0.043	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Pentachlorophenol	<0.74		0.74	0.59	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
<b>Phenanthrene</b>	<b>0.13</b>		0.036	0.0051	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Phenol	<0.18		0.18	0.081	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
<b>Pyrene</b>	<b>0.49</b>	<b>*3</b>	0.036	0.0073	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	72		31 - 143				06/03/21 16:19	06/05/21 05:12	1
2-Fluorobiphenyl	95		43 - 145				06/03/21 16:19	06/05/21 05:12	1
2-Fluorophenol	90		31 - 166				06/03/21 16:19	06/05/21 05:12	1
Nitrobenzene-d5	87		37 - 147				06/03/21 16:19	06/05/21 05:12	1
Phenol-d5	87		30 - 153				06/03/21 16:19	06/05/21 05:12	1
Terphenyl-d14	243	*3 S1+	42 - 157				06/03/21 16:19	06/05/21 05:12	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:29	06/04/21 14:08	1
<b>Barium</b>	<b>0.38</b>	<b>J</b>	0.50	0.050	mg/L		06/03/21 18:29	06/04/21 14:08	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:29	06/04/21 14:08	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:29	06/04/21 14:08	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:08	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:08	1
<b>Copper</b>	<b>0.015</b>	<b>J</b>	0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:08	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:29	06/04/21 14:08	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/21 18:29	06/04/21 14:08	1
<b>Manganese</b>	<b>5.5</b>		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:08	1
<b>Nickel</b>	<b>0.013</b>	<b>J B</b>	0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:08	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:29	06/04/21 14:08	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:08	1
<b>Zinc</b>	<b>0.098</b>	<b>J</b>	0.50	0.020	mg/L		06/03/21 18:29	06/04/21 14:08	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.011</b>	<b>J</b>	0.050	0.010	mg/L		06/03/21 18:33	06/04/21 13:38	1
<b>Barium</b>	<b>0.23</b>	<b>J</b>	0.50	0.050	mg/L		06/03/21 18:33	06/04/21 13:38	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:33	06/04/21 13:38	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:33	06/04/21 13:38	1
<b>Chromium</b>	<b>0.059</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:38	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:38	1
<b>Copper</b>	<b>0.044</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:38	1
<b>Iron</b>	<b>43</b>		0.40	0.20	mg/L		06/03/21 18:33	06/04/21 13:38	1
<b>Lead</b>	<b>0.052</b>		0.0075	0.0075	mg/L		06/03/21 18:33	06/04/21 13:38	1
<b>Manganese</b>	<b>0.24</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:38	1
<b>Nickel</b>	<b>0.038</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:38	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:33	06/04/21 13:38	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199833-1

**Client Sample ID: ROW-14(0-2)-052721**

**Lab Sample ID: 500-199833-6**

Date Collected: 05/27/21 13:50

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 89.9

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:38	1
<b>Zinc</b>	<b>0.17</b>	<b>J</b>	0.50	0.020	mg/L		06/03/21 18:33	06/04/21 13:38	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Antimony</b>	<b>0.50</b>	<b>J</b>	1.1	0.21	mg/Kg	✧	06/03/21 08:47	06/03/21 19:10	1
<b>Arsenic</b>	<b>2.1</b>		0.55	0.19	mg/Kg	✧	06/03/21 08:47	06/03/21 19:10	1
<b>Barium</b>	<b>29</b>		0.55	0.063	mg/Kg	✧	06/03/21 08:47	06/03/21 19:10	1
<b>Beryllium</b>	<b>0.31</b>		0.22	0.051	mg/Kg	✧	06/03/21 08:47	06/03/21 19:10	1
<b>Cadmium</b>	<b>0.25</b>	<b>B</b>	0.11	0.020	mg/Kg	✧	06/03/21 08:47	06/03/21 19:10	1
<b>Calcium</b>	<b>130000</b>	<b>B</b>	55	9.3	mg/Kg	✧	06/03/21 08:47	06/04/21 14:48	5
<b>Chromium</b>	<b>22</b>		0.55	0.27	mg/Kg	✧	06/03/21 08:47	06/03/21 19:10	1
<b>Cobalt</b>	<b>4.0</b>		0.27	0.072	mg/Kg	✧	06/03/21 08:47	06/03/21 19:10	1
<b>Copper</b>	<b>18</b>		0.55	0.15	mg/Kg	✧	06/03/21 08:47	06/03/21 19:10	1
<b>Iron</b>	<b>12000</b>		55	29	mg/Kg	✧	06/03/21 08:47	06/04/21 14:48	5
<b>Lead</b>	<b>32</b>		0.27	0.13	mg/Kg	✧	06/03/21 08:47	06/03/21 19:10	1
<b>Magnesium</b>	<b>71000</b>		27	14	mg/Kg	✧	06/03/21 08:47	06/04/21 14:48	5
<b>Manganese</b>	<b>570</b>		0.55	0.079	mg/Kg	✧	06/03/21 08:47	06/03/21 19:10	1
<b>Nickel</b>	<b>12</b>		0.55	0.16	mg/Kg	✧	06/03/21 08:47	06/03/21 19:10	1
<b>Potassium</b>	<b>710</b>		27	9.7	mg/Kg	✧	06/03/21 08:47	06/03/21 19:10	1
Selenium	<0.55		0.55	0.32	mg/Kg	✧	06/03/21 08:47	06/03/21 19:10	1
<b>Silver</b>	<b>0.25</b>	<b>J</b>	0.27	0.071	mg/Kg	✧	06/03/21 08:47	06/03/21 19:10	1
<b>Sodium</b>	<b>550</b>		55	8.1	mg/Kg	✧	06/03/21 08:47	06/03/21 19:10	1
Thallium	<0.55		0.55	0.27	mg/Kg	✧	06/03/21 08:47	06/03/21 19:10	1
<b>Vanadium</b>	<b>28</b>		0.27	0.065	mg/Kg	✧	06/03/21 08:47	06/03/21 19:10	1
<b>Zinc</b>	<b>55</b>		1.1	0.48	mg/Kg	✧	06/03/21 08:47	06/03/21 19:10	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 07:56	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 08:49	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.016</b>	<b>J</b>	0.017	0.0056	mg/Kg	✧	06/02/21 12:50	06/03/21 08:27	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.8</b>		0.2	0.2	SU			06/03/21 15:18	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199833-1

**Client Sample ID: ROW-12(0-2)-052721**

**Lab Sample ID: 500-199833-7**

Date Collected: 05/27/21 14:10

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 93.2

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.024		0.024	0.010	mg/Kg	☼	05/28/21 17:40	06/02/21 15:44	1
Benzene	<0.0024		0.0024	0.00061	mg/Kg	☼	05/28/21 17:40	06/02/21 15:44	1
Bromodichloromethane	<0.0024		0.0024	0.00048	mg/Kg	☼	05/28/21 17:40	06/02/21 15:44	1
Bromoform	<0.0024		0.0024	0.00069	mg/Kg	☼	05/28/21 17:40	06/02/21 15:44	1
Bromomethane	<0.0059		0.0059	0.0022	mg/Kg	☼	05/28/21 17:40	06/02/21 15:44	1
Carbon disulfide	<0.0059		0.0059	0.0012	mg/Kg	☼	05/28/21 17:40	06/02/21 15:44	1
Carbon tetrachloride	<0.0024		0.0024	0.00069	mg/Kg	☼	05/28/21 17:40	06/02/21 15:44	1
Chlorobenzene	<0.0024		0.0024	0.00088	mg/Kg	☼	05/28/21 17:40	06/02/21 15:44	1
Chloroethane	<0.0059		0.0059	0.0018	mg/Kg	☼	05/28/21 17:40	06/02/21 15:44	1
Chloroform	<0.0024		0.0024	0.00082	mg/Kg	☼	05/28/21 17:40	06/02/21 15:44	1
Chloromethane	<0.0059		0.0059	0.0024	mg/Kg	☼	05/28/21 17:40	06/02/21 15:44	1
cis-1,2-Dichloroethene	<0.0024		0.0024	0.00066	mg/Kg	☼	05/28/21 17:40	06/02/21 15:44	1
cis-1,3-Dichloropropene	<0.0024		0.0024	0.00072	mg/Kg	☼	05/28/21 17:40	06/02/21 15:44	1
Dibromochloromethane	<0.0024		0.0024	0.00078	mg/Kg	☼	05/28/21 17:40	06/02/21 15:44	1
1,1-Dichloroethane	<0.0024		0.0024	0.00081	mg/Kg	☼	05/28/21 17:40	06/02/21 15:44	1
1,2-Dichloroethane	<0.0059		0.0059	0.0019	mg/Kg	☼	05/28/21 17:40	06/02/21 15:44	1
1,1-Dichloroethene	<0.0024		0.0024	0.00082	mg/Kg	☼	05/28/21 17:40	06/02/21 15:44	1
1,2-Dichloropropane	<0.0024		0.0024	0.00061	mg/Kg	☼	05/28/21 17:40	06/02/21 15:44	1
1,3-Dichloropropene, Total	<0.0024		0.0024	0.00083	mg/Kg	☼	05/28/21 17:40	06/02/21 15:44	1
Ethylbenzene	<0.0024		0.0024	0.0011	mg/Kg	☼	05/28/21 17:40	06/02/21 15:44	1
2-Hexanone	<0.0059		0.0059	0.0019	mg/Kg	☼	05/28/21 17:40	06/02/21 15:44	1
Methylene Chloride	<0.0059		0.0059	0.0023	mg/Kg	☼	05/28/21 17:40	06/02/21 15:44	1
Methyl Ethyl Ketone	<0.0059		0.0059	0.0026	mg/Kg	☼	05/28/21 17:40	06/02/21 15:44	1
methyl isobutyl ketone	<0.0059		0.0059	0.0018	mg/Kg	☼	05/28/21 17:40	06/02/21 15:44	1
Methyl tert-butyl ether	<0.0024		0.0024	0.00070	mg/Kg	☼	05/28/21 17:40	06/02/21 15:44	1
Styrene	<0.0024		0.0024	0.00072	mg/Kg	☼	05/28/21 17:40	06/02/21 15:44	1
1,1,2,2-Tetrachloroethane	<0.0024		0.0024	0.00076	mg/Kg	☼	05/28/21 17:40	06/02/21 15:44	1
Tetrachloroethene	<0.0024		0.0024	0.00081	mg/Kg	☼	05/28/21 17:40	06/02/21 15:44	1
Toluene	<0.0024		0.0024	0.00060	mg/Kg	☼	05/28/21 17:40	06/02/21 15:44	1
trans-1,2-Dichloroethene	<0.0024		0.0024	0.0011	mg/Kg	☼	05/28/21 17:40	06/02/21 15:44	1
trans-1,3-Dichloropropene	<0.0024		0.0024	0.00083	mg/Kg	☼	05/28/21 17:40	06/02/21 15:44	1
1,1,1-Trichloroethane	<0.0024		0.0024	0.00080	mg/Kg	☼	05/28/21 17:40	06/02/21 15:44	1
1,1,2-Trichloroethane	<0.0024		0.0024	0.0010	mg/Kg	☼	05/28/21 17:40	06/02/21 15:44	1
Trichloroethene	<0.0024		0.0024	0.00080	mg/Kg	☼	05/28/21 17:40	06/02/21 15:44	1
Vinyl chloride	<0.0024		0.0024	0.0011	mg/Kg	☼	05/28/21 17:40	06/02/21 15:44	1
Xylenes, Total	<0.0047		0.0047	0.00076	mg/Kg	☼	05/28/21 17:40	06/02/21 15:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		75 - 131	05/28/21 17:40	06/02/21 15:44	1
Dibromofluoromethane	91		75 - 126	05/28/21 17:40	06/02/21 15:44	1
1,2-Dichloroethane-d4 (Surr)	87		70 - 134	05/28/21 17:40	06/02/21 15:44	1
Toluene-d8 (Surr)	96		75 - 124	05/28/21 17:40	06/02/21 15:44	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.038	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
1,2-Dichlorobenzene	<0.18		0.18	0.042	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
1,3-Dichlorobenzene	<0.18		0.18	0.040	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
1,4-Dichlorobenzene	<0.18		0.18	0.046	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.041	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199833-1

**Client Sample ID: ROW-12(0-2)-052721**

**Lab Sample ID: 500-199833-7**

Date Collected: 05/27/21 14:10

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 93.2

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.35		0.35	0.081	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
2,4,6-Trichlorophenol	<0.35		0.35	0.12	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
2,4-Dichlorophenol	<0.35		0.35	0.084	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
2,4-Dimethylphenol	<0.35		0.35	0.13	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
2,4-Dinitrophenol	<0.72	F1	0.72	0.63	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
2,4-Dinitrotoluene	<0.18	F1	0.18	0.056	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
2,6-Dinitrotoluene	<0.18	F1	0.18	0.070	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
2-Chloronaphthalene	<0.18		0.18	0.039	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
2-Chlorophenol	<0.18		0.18	0.061	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
<b>2-Methylnaphthalene</b>	<b>0.013</b>	<b>J</b>	0.072	0.0065	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
2-Methylphenol	<0.18		0.18	0.057	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
2-Nitroaniline	<0.18		0.18	0.048	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
2-Nitrophenol	<0.35	F1	0.35	0.084	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
3 & 4 Methylphenol	<0.18		0.18	0.059	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
3,3'-Dichlorobenzidine	<0.18	*3 F1 F2	0.18	0.050	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
3-Nitroaniline	<0.35		0.35	0.11	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
4,6-Dinitro-2-methylphenol	<0.72	F1	0.72	0.29	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.047	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
4-Chloro-3-methylphenol	<0.35		0.35	0.12	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
4-Chloroaniline	<0.72	F1	0.72	0.17	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.041	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
4-Nitroaniline	<0.35	F1	0.35	0.15	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
4-Nitrophenol	<0.72		0.72	0.34	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
<b>Acenaphthene</b>	<b>0.016</b>	<b>J</b>	0.035	0.0064	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
<b>Acenaphthylene</b>	<b>0.011</b>	<b>J</b>	0.035	0.0047	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
<b>Anthracene</b>	<b>0.047</b>		0.035	0.0059	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
<b>Benzo[a]anthracene</b>	<b>0.22</b>	<b>*3</b>	0.035	0.0048	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
<b>Benzo[a]pyrene</b>	<b>0.25</b>	<b>*3</b>	0.035	0.0069	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
<b>Benzo[b]fluoranthene</b>	<b>0.42</b>	<b>*3</b>	0.035	0.0077	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
<b>Benzo[g,h,i]perylene</b>	<b>0.27</b>	<b>*3 F1</b>	0.035	0.011	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
<b>Benzo[k]fluoranthene</b>	<b>0.19</b>	<b>*3</b>	0.035	0.010	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.036	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.053	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
<b>Bis(2-ethylhexyl) phthalate</b>	<b>0.44</b>	<b>*3 F1</b>	0.18	0.065	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
Carbazole	<0.18		0.18	0.089	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
<b>Chrysene</b>	<b>0.30</b>	<b>*3</b>	0.035	0.0097	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
Dibenz(a,h)anthracene	<0.035	*3 F1	0.035	0.0069	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
Dibenzofuran	<0.18		0.18	0.042	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
Diethyl phthalate	<0.18		0.18	0.060	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
Dimethyl phthalate	<0.18		0.18	0.046	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
Di-n-butyl phthalate	<0.18		0.18	0.054	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
Di-n-octyl phthalate	<0.18	F1	0.18	0.058	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
<b>Fluoranthene</b>	<b>0.33</b>	<b>F1</b>	0.035	0.0066	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
<b>Fluorene</b>	<b>0.017</b>	<b>J</b>	0.035	0.0050	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
Hexachlorobenzene	<0.072		0.072	0.0082	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
Hexachlorobutadiene	<0.18		0.18	0.056	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
Hexachlorocyclopentadiene	<0.72	F1	0.72	0.20	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
Hexachloroethane	<0.18	F1	0.18	0.054	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
Indeno[1,2,3-cd]pyrene	<0.035	*3 F1	0.035	0.0092	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199833-1

**Client Sample ID: ROW-12(0-2)-052721**

**Lab Sample ID: 500-199833-7**

Date Collected: 05/27/21 14:10

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 93.2

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isophorone	<0.18		0.18	0.040	mg/Kg	☆	06/03/21 16:19	06/05/21 05:55	1
<b>Naphthalene</b>	<b>0.013</b>	<b>J</b>	0.035	0.0055	mg/Kg	☆	06/03/21 16:19	06/05/21 05:55	1
Nitrobenzene	<0.035		0.035	0.0089	mg/Kg	☆	06/03/21 16:19	06/05/21 05:55	1
N-Nitrosodi-n-propylamine	<0.072		0.072	0.043	mg/Kg	☆	06/03/21 16:19	06/05/21 05:55	1
N-Nitrosodiphenylamine	<0.18	F1	0.18	0.042	mg/Kg	☆	06/03/21 16:19	06/05/21 05:55	1
Pentachlorophenol	<0.72		0.72	0.57	mg/Kg	☆	06/03/21 16:19	06/05/21 05:55	1
<b>Phenanthrene</b>	<b>0.24</b>		0.035	0.0049	mg/Kg	☆	06/03/21 16:19	06/05/21 05:55	1
Phenol	<0.18		0.18	0.079	mg/Kg	☆	06/03/21 16:19	06/05/21 05:55	1
<b>Pyrene</b>	<b>0.89</b>	<b>*3 F1</b>	0.035	0.0071	mg/Kg	☆	06/03/21 16:19	06/05/21 05:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	82		31 - 143				06/03/21 16:19	06/05/21 05:55	1
2-Fluorobiphenyl	103		43 - 145				06/03/21 16:19	06/05/21 05:55	1
2-Fluorophenol	97		31 - 166				06/03/21 16:19	06/05/21 05:55	1
Nitrobenzene-d5	87		37 - 147				06/03/21 16:19	06/05/21 05:55	1
Phenol-d5	89		30 - 153				06/03/21 16:19	06/05/21 05:55	1
Terphenyl-d14	253	*3 S1+	42 - 157				06/03/21 16:19	06/05/21 05:55	1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Butyl benzyl phthalate</b>	<b>2.7</b>	<b>*3</b>	0.36	0.14	mg/Kg	☆	06/03/21 16:19	06/07/21 17:34	2
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	64		31 - 143				06/03/21 16:19	06/07/21 17:34	2
2-Fluorobiphenyl	99		43 - 145				06/03/21 16:19	06/07/21 17:34	2
2-Fluorophenol	106		31 - 166				06/03/21 16:19	06/07/21 17:34	2
Nitrobenzene-d5	85		37 - 147				06/03/21 16:19	06/07/21 17:34	2
Phenol-d5	97		30 - 153				06/03/21 16:19	06/07/21 17:34	2
Terphenyl-d14	206	*3 S1+	42 - 157				06/03/21 16:19	06/07/21 17:34	2

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:29	06/04/21 14:12	1
<b>Barium</b>	<b>0.66</b>		0.50	0.050	mg/L		06/03/21 18:29	06/04/21 14:12	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:29	06/04/21 14:12	1
<b>Cadmium</b>	<b>0.0020</b>	<b>J</b>	0.0050	0.0020	mg/L		06/03/21 18:29	06/04/21 14:12	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:12	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:12	1
<b>Copper</b>	<b>0.046</b>		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:12	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:29	06/04/21 14:12	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/21 18:29	06/04/21 14:12	1
<b>Manganese</b>	<b>1.1</b>		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:12	1
<b>Nickel</b>	<b>0.010</b>	<b>J B</b>	0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:12	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:29	06/04/21 14:12	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:12	1
<b>Zinc</b>	<b>0.28</b>	<b>J</b>	0.50	0.020	mg/L		06/03/21 18:29	06/04/21 14:12	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:33	06/04/21 13:41	1
<b>Barium</b>	<b>0.18</b>	<b>J</b>	0.50	0.050	mg/L		06/03/21 18:33	06/04/21 13:41	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199833-1

**Client Sample ID: ROW-12(0-2)-052721**

**Lab Sample ID: 500-199833-7**

Date Collected: 05/27/21 14:10

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 93.2

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:33	06/04/21 13:41	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:33	06/04/21 13:41	1
<b>Chromium</b>	<b>0.040</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:41	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:41	1
<b>Copper</b>	<b>0.045</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:41	1
<b>Iron</b>	<b>29</b>		0.40	0.20	mg/L		06/03/21 18:33	06/04/21 13:41	1
<b>Lead</b>	<b>0.062</b>		0.0075	0.0075	mg/L		06/03/21 18:33	06/04/21 13:41	1
<b>Manganese</b>	<b>0.25</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:41	1
<b>Nickel</b>	<b>0.030</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:41	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:33	06/04/21 13:41	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:41	1
<b>Zinc</b>	<b>0.26</b>	<b>J</b>	0.50	0.020	mg/L		06/03/21 18:33	06/04/21 13:41	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Antimony</b>	<b>0.47</b>	<b>J</b>	1.1	0.21	mg/Kg	✱	06/03/21 08:47	06/03/21 19:13	1
<b>Arsenic</b>	<b>2.9</b>		0.53	0.18	mg/Kg	✱	06/03/21 08:47	06/03/21 19:13	1
<b>Barium</b>	<b>65</b>		0.53	0.060	mg/Kg	✱	06/03/21 08:47	06/03/21 19:13	1
<b>Beryllium</b>	<b>0.40</b>		0.21	0.050	mg/Kg	✱	06/03/21 08:47	06/03/21 19:13	1
<b>Cadmium</b>	<b>0.42</b>	<b>B</b>	0.11	0.019	mg/Kg	✱	06/03/21 08:47	06/03/21 19:13	1
<b>Calcium</b>	<b>140000</b>	<b>B</b>	53	9.0	mg/Kg	✱	06/03/21 08:47	06/04/21 14:51	5
<b>Chromium</b>	<b>21</b>		0.53	0.26	mg/Kg	✱	06/03/21 08:47	06/03/21 19:13	1
<b>Cobalt</b>	<b>4.7</b>		0.27	0.069	mg/Kg	✱	06/03/21 08:47	06/03/21 19:13	1
<b>Copper</b>	<b>21</b>		0.53	0.15	mg/Kg	✱	06/03/21 08:47	06/03/21 19:13	1
<b>Iron</b>	<b>12000</b>		53	28	mg/Kg	✱	06/03/21 08:47	06/04/21 14:51	5
<b>Lead</b>	<b>31</b>		0.27	0.12	mg/Kg	✱	06/03/21 08:47	06/03/21 19:13	1
<b>Magnesium</b>	<b>77000</b>		27	13	mg/Kg	✱	06/03/21 08:47	06/04/21 14:51	5
<b>Manganese</b>	<b>460</b>		0.53	0.077	mg/Kg	✱	06/03/21 08:47	06/03/21 19:13	1
<b>Nickel</b>	<b>13</b>		0.53	0.15	mg/Kg	✱	06/03/21 08:47	06/03/21 19:13	1
<b>Potassium</b>	<b>860</b>		27	9.4	mg/Kg	✱	06/03/21 08:47	06/03/21 19:13	1
Selenium	<0.53		0.53	0.31	mg/Kg	✱	06/03/21 08:47	06/03/21 19:13	1
<b>Silver</b>	<b>0.22</b>	<b>J</b>	0.27	0.068	mg/Kg	✱	06/03/21 08:47	06/03/21 19:13	1
<b>Sodium</b>	<b>840</b>		53	7.9	mg/Kg	✱	06/03/21 08:47	06/03/21 19:13	1
Thallium	<0.53		0.53	0.26	mg/Kg	✱	06/03/21 08:47	06/03/21 19:13	1
<b>Vanadium</b>	<b>19</b>		0.27	0.063	mg/Kg	✱	06/03/21 08:47	06/03/21 19:13	1
<b>Zinc</b>	<b>120</b>		1.1	0.47	mg/Kg	✱	06/03/21 08:47	06/03/21 19:13	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 07:58	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 08:51	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.016</b>	<b>J</b>	0.017	0.0057	mg/Kg	✱	06/02/21 12:50	06/03/21 08:29	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199833-1

**Client Sample ID: ROW-12(0-2)-052721**

**Lab Sample ID: 500-199833-7**

**Date Collected: 05/27/21 14:10**

**Matrix: Solid**

**Date Received: 05/27/21 16:55**

**Percent Solids: 93.2**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.6		0.2	0.2	SU			06/03/21 15:18	1

1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199833-1

**Client Sample ID: ROW-10(0-2)-052721**

**Lab Sample ID: 500-199833-8**

Date Collected: 05/27/21 14:20

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 85.5

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0069	mg/Kg	✱	05/28/21 17:40	06/02/21 16:10	1
Benzene	<0.0016		0.0016	0.00040	mg/Kg	✱	05/28/21 17:40	06/02/21 16:10	1
Bromodichloromethane	<0.0016		0.0016	0.00032	mg/Kg	✱	05/28/21 17:40	06/02/21 16:10	1
Bromoform	<0.0016		0.0016	0.00046	mg/Kg	✱	05/28/21 17:40	06/02/21 16:10	1
Bromomethane	<0.0040		0.0040	0.0015	mg/Kg	✱	05/28/21 17:40	06/02/21 16:10	1
Carbon disulfide	<0.0040		0.0040	0.00082	mg/Kg	✱	05/28/21 17:40	06/02/21 16:10	1
Carbon tetrachloride	<0.0016		0.0016	0.00046	mg/Kg	✱	05/28/21 17:40	06/02/21 16:10	1
Chlorobenzene	<0.0016		0.0016	0.00058	mg/Kg	✱	05/28/21 17:40	06/02/21 16:10	1
Chloroethane	<0.0040		0.0040	0.0012	mg/Kg	✱	05/28/21 17:40	06/02/21 16:10	1
Chloroform	<0.0016		0.0016	0.00055	mg/Kg	✱	05/28/21 17:40	06/02/21 16:10	1
Chloromethane	<0.0040		0.0040	0.0016	mg/Kg	✱	05/28/21 17:40	06/02/21 16:10	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00044	mg/Kg	✱	05/28/21 17:40	06/02/21 16:10	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00048	mg/Kg	✱	05/28/21 17:40	06/02/21 16:10	1
Dibromochloromethane	<0.0016		0.0016	0.00052	mg/Kg	✱	05/28/21 17:40	06/02/21 16:10	1
1,1-Dichloroethane	<0.0016		0.0016	0.00054	mg/Kg	✱	05/28/21 17:40	06/02/21 16:10	1
1,2-Dichloroethane	<0.0040		0.0040	0.0012	mg/Kg	✱	05/28/21 17:40	06/02/21 16:10	1
1,1-Dichloroethene	<0.0016		0.0016	0.00054	mg/Kg	✱	05/28/21 17:40	06/02/21 16:10	1
1,2-Dichloropropane	<0.0016		0.0016	0.00041	mg/Kg	✱	05/28/21 17:40	06/02/21 16:10	1
1,3-Dichloropropane, Total	<0.0016		0.0016	0.00056	mg/Kg	✱	05/28/21 17:40	06/02/21 16:10	1
Ethylbenzene	<0.0016		0.0016	0.00076	mg/Kg	✱	05/28/21 17:40	06/02/21 16:10	1
2-Hexanone	<0.0040		0.0040	0.0012	mg/Kg	✱	05/28/21 17:40	06/02/21 16:10	1
Methylene Chloride	<0.0040		0.0040	0.0016	mg/Kg	✱	05/28/21 17:40	06/02/21 16:10	1
Methyl Ethyl Ketone	<0.0040		0.0040	0.0018	mg/Kg	✱	05/28/21 17:40	06/02/21 16:10	1
methyl isobutyl ketone	<0.0040		0.0040	0.0012	mg/Kg	✱	05/28/21 17:40	06/02/21 16:10	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00046	mg/Kg	✱	05/28/21 17:40	06/02/21 16:10	1
Styrene	<0.0016		0.0016	0.00048	mg/Kg	✱	05/28/21 17:40	06/02/21 16:10	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00051	mg/Kg	✱	05/28/21 17:40	06/02/21 16:10	1
Tetrachloroethene	<0.0016		0.0016	0.00054	mg/Kg	✱	05/28/21 17:40	06/02/21 16:10	1
Toluene	<0.0016		0.0016	0.00040	mg/Kg	✱	05/28/21 17:40	06/02/21 16:10	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00070	mg/Kg	✱	05/28/21 17:40	06/02/21 16:10	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00056	mg/Kg	✱	05/28/21 17:40	06/02/21 16:10	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00053	mg/Kg	✱	05/28/21 17:40	06/02/21 16:10	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00068	mg/Kg	✱	05/28/21 17:40	06/02/21 16:10	1
Trichloroethene	<0.0016		0.0016	0.00054	mg/Kg	✱	05/28/21 17:40	06/02/21 16:10	1
Vinyl chloride	<0.0016		0.0016	0.00070	mg/Kg	✱	05/28/21 17:40	06/02/21 16:10	1
Xylenes, Total	<0.0032		0.0032	0.00051	mg/Kg	✱	05/28/21 17:40	06/02/21 16:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		75 - 131	05/28/21 17:40	06/02/21 16:10	1
Dibromofluoromethane	96		75 - 126	05/28/21 17:40	06/02/21 16:10	1
1,2-Dichloroethane-d4 (Surr)	95		70 - 134	05/28/21 17:40	06/02/21 16:10	1
Toluene-d8 (Surr)	94		75 - 124	05/28/21 17:40	06/02/21 16:10	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.042	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
1,3-Dichlorobenzene	<0.19		0.19	0.044	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
1,4-Dichlorobenzene	<0.19		0.19	0.050	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.045	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1

Euofins TestAmerica, Chicago



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199833-1

**Client Sample ID: ROW-10(0-2)-052721**

**Lab Sample ID: 500-199833-8**

Date Collected: 05/27/21 14:20

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 85.5

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.088	mg/Kg	☆	06/03/21 16:19	06/05/21 03:25	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	☆	06/03/21 16:19	06/05/21 03:25	1
2,4-Dichlorophenol	<0.38		0.38	0.092	mg/Kg	☆	06/03/21 16:19	06/05/21 03:25	1
2,4-Dimethylphenol	<0.38		0.38	0.15	mg/Kg	☆	06/03/21 16:19	06/05/21 03:25	1
2,4-Dinitrophenol	<0.78		0.78	0.68	mg/Kg	☆	06/03/21 16:19	06/05/21 03:25	1
2,4-Dinitrotoluene	<0.19		0.19	0.062	mg/Kg	☆	06/03/21 16:19	06/05/21 03:25	1
2,6-Dinitrotoluene	<0.19		0.19	0.076	mg/Kg	☆	06/03/21 16:19	06/05/21 03:25	1
2-Chloronaphthalene	<0.19		0.19	0.043	mg/Kg	☆	06/03/21 16:19	06/05/21 03:25	1
2-Chlorophenol	<0.19		0.19	0.066	mg/Kg	☆	06/03/21 16:19	06/05/21 03:25	1
<b>2-Methylnaphthalene</b>	<b>0.016</b>	<b>J</b>	0.078	0.0071	mg/Kg	☆	06/03/21 16:19	06/05/21 03:25	1
2-Methylphenol	<0.19		0.19	0.062	mg/Kg	☆	06/03/21 16:19	06/05/21 03:25	1
2-Nitroaniline	<0.19		0.19	0.052	mg/Kg	☆	06/03/21 16:19	06/05/21 03:25	1
2-Nitrophenol	<0.38		0.38	0.092	mg/Kg	☆	06/03/21 16:19	06/05/21 03:25	1
3 & 4 Methylphenol	<0.19		0.19	0.065	mg/Kg	☆	06/03/21 16:19	06/05/21 03:25	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.054	mg/Kg	☆	06/03/21 16:19	06/05/21 03:25	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	☆	06/03/21 16:19	06/05/21 03:25	1
4,6-Dinitro-2-methylphenol	<0.78		0.78	0.31	mg/Kg	☆	06/03/21 16:19	06/05/21 03:25	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.051	mg/Kg	☆	06/03/21 16:19	06/05/21 03:25	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	☆	06/03/21 16:19	06/05/21 03:25	1
4-Chloroaniline	<0.78		0.78	0.18	mg/Kg	☆	06/03/21 16:19	06/05/21 03:25	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	☆	06/03/21 16:19	06/05/21 03:25	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	☆	06/03/21 16:19	06/05/21 03:25	1
4-Nitrophenol	<0.78		0.78	0.37	mg/Kg	☆	06/03/21 16:19	06/05/21 03:25	1
<b>Acenaphthene</b>	<b>0.0082</b>	<b>J</b>	0.038	0.0070	mg/Kg	☆	06/03/21 16:19	06/05/21 03:25	1
<b>Acenaphthylene</b>	<b>0.075</b>		0.038	0.0051	mg/Kg	☆	06/03/21 16:19	06/05/21 03:25	1
<b>Anthracene</b>	<b>0.047</b>		0.038	0.0065	mg/Kg	☆	06/03/21 16:19	06/05/21 03:25	1
<b>Benzo[a]anthracene</b>	<b>0.25</b>		0.038	0.0052	mg/Kg	☆	06/03/21 16:19	06/05/21 03:25	1
<b>Benzo[a]pyrene</b>	<b>0.37</b>	<b>*3</b>	0.038	0.0075	mg/Kg	☆	06/03/21 16:19	06/05/21 03:25	1
<b>Benzo[b]fluoranthene</b>	<b>0.56</b>	<b>*3</b>	0.038	0.0084	mg/Kg	☆	06/03/21 16:19	06/05/21 03:25	1
<b>Benzo[g,h,i]perylene</b>	<b>0.13</b>	<b>*3</b>	0.038	0.012	mg/Kg	☆	06/03/21 16:19	06/05/21 03:25	1
<b>Benzo[k]fluoranthene</b>	<b>0.21</b>	<b>*3</b>	0.038	0.011	mg/Kg	☆	06/03/21 16:19	06/05/21 03:25	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.040	mg/Kg	☆	06/03/21 16:19	06/05/21 03:25	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.058	mg/Kg	☆	06/03/21 16:19	06/05/21 03:25	1
<b>Bis(2-ethylhexyl) phthalate</b>	<b>0.10</b>	<b>J</b>	0.19	0.071	mg/Kg	☆	06/03/21 16:19	06/05/21 03:25	1
Butyl benzyl phthalate	<0.19		0.19	0.074	mg/Kg	☆	06/03/21 16:19	06/05/21 03:25	1
Carbazole	<0.19		0.19	0.097	mg/Kg	☆	06/03/21 16:19	06/05/21 03:25	1
<b>Chrysene</b>	<b>0.32</b>		0.038	0.011	mg/Kg	☆	06/03/21 16:19	06/05/21 03:25	1
Dibenz(a,h)anthracene	<0.038	<b>*3</b>	0.038	0.0075	mg/Kg	☆	06/03/21 16:19	06/05/21 03:25	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	☆	06/03/21 16:19	06/05/21 03:25	1
Diethyl phthalate	<0.19		0.19	0.066	mg/Kg	☆	06/03/21 16:19	06/05/21 03:25	1
Dimethyl phthalate	<0.19		0.19	0.051	mg/Kg	☆	06/03/21 16:19	06/05/21 03:25	1
Di-n-butyl phthalate	<0.19		0.19	0.059	mg/Kg	☆	06/03/21 16:19	06/05/21 03:25	1
Di-n-octyl phthalate	<0.19		0.19	0.063	mg/Kg	☆	06/03/21 16:19	06/05/21 03:25	1
<b>Fluoranthene</b>	<b>0.45</b>		0.038	0.0072	mg/Kg	☆	06/03/21 16:19	06/05/21 03:25	1
Fluorene	<0.038		0.038	0.0054	mg/Kg	☆	06/03/21 16:19	06/05/21 03:25	1
Hexachlorobenzene	<0.078		0.078	0.0090	mg/Kg	☆	06/03/21 16:19	06/05/21 03:25	1
Hexachlorobutadiene	<0.19		0.19	0.061	mg/Kg	☆	06/03/21 16:19	06/05/21 03:25	1
Hexachlorocyclopentadiene	<0.78		0.78	0.22	mg/Kg	☆	06/03/21 16:19	06/05/21 03:25	1
Hexachloroethane	<0.19		0.19	0.059	mg/Kg	☆	06/03/21 16:19	06/05/21 03:25	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199833-1

**Client Sample ID: ROW-10(0-2)-052721**

**Lab Sample ID: 500-199833-8**

Date Collected: 05/27/21 14:20

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 85.5

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.11</b>	<b>*3</b>	0.038	0.010	mg/Kg	☼	06/03/21 16:19	06/05/21 03:25	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	06/03/21 16:19	06/05/21 03:25	1
<b>Naphthalene</b>	<b>0.0074</b>	<b>J</b>	0.038	0.0060	mg/Kg	☼	06/03/21 16:19	06/05/21 03:25	1
Nitrobenzene	<0.038		0.038	0.0097	mg/Kg	☼	06/03/21 16:19	06/05/21 03:25	1
N-Nitrosodi-n-propylamine	<0.078		0.078	0.047	mg/Kg	☼	06/03/21 16:19	06/05/21 03:25	1
N-Nitrosodiphenylamine	<0.19		0.19	0.046	mg/Kg	☼	06/03/21 16:19	06/05/21 03:25	1
Pentachlorophenol	<0.78		0.78	0.62	mg/Kg	☼	06/03/21 16:19	06/05/21 03:25	1
<b>Phenanthrene</b>	<b>0.15</b>		0.038	0.0054	mg/Kg	☼	06/03/21 16:19	06/05/21 03:25	1
Phenol	<0.19		0.19	0.086	mg/Kg	☼	06/03/21 16:19	06/05/21 03:25	1
<b>Pyrene</b>	<b>0.65</b>		0.038	0.0077	mg/Kg	☼	06/03/21 16:19	06/05/21 03:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	85		31 - 143				06/03/21 16:19	06/05/21 03:25	1
2-Fluorobiphenyl	89		43 - 145				06/03/21 16:19	06/05/21 03:25	1
2-Fluorophenol	84		31 - 166				06/03/21 16:19	06/05/21 03:25	1
Nitrobenzene-d5	76		37 - 147				06/03/21 16:19	06/05/21 03:25	1
Phenol-d5	90		30 - 153				06/03/21 16:19	06/05/21 03:25	1
Terphenyl-d14	155		42 - 157				06/03/21 16:19	06/05/21 03:25	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:29	06/04/21 14:15	1
<b>Barium</b>	<b>0.56</b>		0.50	0.050	mg/L		06/03/21 18:29	06/04/21 14:15	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:29	06/04/21 14:15	1
<b>Cadmium</b>	<b>0.0025</b>	<b>J</b>	0.0050	0.0020	mg/L		06/03/21 18:29	06/04/21 14:15	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:15	1
<b>Cobalt</b>	<b>0.021</b>	<b>J</b>	0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:15	1
<b>Copper</b>	<b>0.083</b>		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:15	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:29	06/04/21 14:15	1
<b>Lead</b>	<b>0.0098</b>		0.0075	0.0075	mg/L		06/03/21 18:29	06/04/21 14:15	1
<b>Manganese</b>	<b>3.1</b>		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:15	1
<b>Nickel</b>	<b>0.034</b>	<b>B</b>	0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:15	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:29	06/04/21 14:15	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:15	1
<b>Zinc</b>	<b>0.15</b>	<b>J</b>	0.50	0.020	mg/L		06/03/21 18:29	06/04/21 14:15	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.092</b>		0.050	0.010	mg/L		06/03/21 18:33	06/04/21 13:44	1
<b>Barium</b>	<b>0.59</b>		0.50	0.050	mg/L		06/03/21 18:33	06/04/21 13:44	1
<b>Beryllium</b>	<b>0.0094</b>		0.0040	0.0040	mg/L		06/03/21 18:33	06/04/21 13:44	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:33	06/04/21 13:44	1
<b>Chromium</b>	<b>0.18</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:44	1
<b>Cobalt</b>	<b>0.096</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:44	1
<b>Copper</b>	<b>0.24</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:44	1
<b>Iron</b>	<b>200</b>		0.40	0.20	mg/L		06/03/21 18:33	06/04/21 13:44	1
<b>Lead</b>	<b>0.30</b>		0.0075	0.0075	mg/L		06/03/21 18:33	06/04/21 13:44	1
<b>Manganese</b>	<b>1.4</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:44	1
<b>Nickel</b>	<b>0.25</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:44	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:33	06/04/21 13:44	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199833-1

**Client Sample ID: ROW-10(0-2)-052721**

**Lab Sample ID: 500-199833-8**

Date Collected: 05/27/21 14:20

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 85.5

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:44	1
<b>Zinc</b>	<b>0.71</b>		0.50	0.020	mg/L		06/03/21 18:33	06/04/21 13:44	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Antimony</b>	<b>0.51</b>	<b>J</b>	1.1	0.22	mg/Kg	✧	06/03/21 08:47	06/03/21 19:17	1
<b>Arsenic</b>	<b>6.4</b>		0.56	0.19	mg/Kg	✧	06/03/21 08:47	06/03/21 19:17	1
<b>Barium</b>	<b>40</b>		0.56	0.064	mg/Kg	✧	06/03/21 08:47	06/03/21 19:17	1
<b>Beryllium</b>	<b>0.63</b>		0.22	0.052	mg/Kg	✧	06/03/21 08:47	06/03/21 19:17	1
<b>Cadmium</b>	<b>0.28</b>	<b>B</b>	0.11	0.020	mg/Kg	✧	06/03/21 08:47	06/03/21 19:17	1
<b>Calcium</b>	<b>83000</b>	<b>B</b>	56	9.5	mg/Kg	✧	06/03/21 08:47	06/04/21 14:55	5
<b>Chromium</b>	<b>17</b>		0.56	0.28	mg/Kg	✧	06/03/21 08:47	06/03/21 19:17	1
<b>Cobalt</b>	<b>11</b>		0.28	0.073	mg/Kg	✧	06/03/21 08:47	06/03/21 19:17	1
<b>Copper</b>	<b>25</b>		0.56	0.16	mg/Kg	✧	06/03/21 08:47	06/03/21 19:17	1
<b>Iron</b>	<b>23000</b>		56	29	mg/Kg	✧	06/03/21 08:47	06/04/21 14:55	5
<b>Lead</b>	<b>75</b>		0.28	0.13	mg/Kg	✧	06/03/21 08:47	06/03/21 19:17	1
<b>Magnesium</b>	<b>45000</b>		28	14	mg/Kg	✧	06/03/21 08:47	06/04/21 14:55	5
<b>Manganese</b>	<b>400</b>		0.56	0.081	mg/Kg	✧	06/03/21 08:47	06/03/21 19:17	1
<b>Nickel</b>	<b>26</b>		0.56	0.16	mg/Kg	✧	06/03/21 08:47	06/03/21 19:17	1
<b>Potassium</b>	<b>2000</b>		28	9.9	mg/Kg	✧	06/03/21 08:47	06/03/21 19:17	1
Selenium	<0.56		0.56	0.33	mg/Kg	✧	06/03/21 08:47	06/03/21 19:17	1
<b>Silver</b>	<b>0.42</b>		0.28	0.072	mg/Kg	✧	06/03/21 08:47	06/03/21 19:17	1
<b>Sodium</b>	<b>1400</b>		56	8.3	mg/Kg	✧	06/03/21 08:47	06/03/21 19:17	1
Thallium	<0.56		0.56	0.28	mg/Kg	✧	06/03/21 08:47	06/03/21 19:17	1
<b>Vanadium</b>	<b>20</b>		0.28	0.066	mg/Kg	✧	06/03/21 08:47	06/03/21 19:17	1
<b>Zinc</b>	<b>82</b>		1.1	0.49	mg/Kg	✧	06/03/21 08:47	06/03/21 19:17	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 08:00	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 08:53	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.021</b>		0.018	0.0059	mg/Kg	✧	06/02/21 12:50	06/03/21 08:31	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.5</b>		0.2	0.2	SU			06/03/21 15:18	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199833-1

**Client Sample ID: ROW-8(0-2)-052721**

**Lab Sample ID: 500-199833-9**

**Date Collected: 05/27/21 14:40**

**Matrix: Solid**

**Date Received: 05/27/21 16:55**

**Percent Solids: 80.7**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0076	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
Benzene	<0.0017		0.0017	0.00044	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
Bromodichloromethane	<0.0017		0.0017	0.00035	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
Bromoform	<0.0017		0.0017	0.00051	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
Bromomethane	<0.0043		0.0043	0.0016	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
Carbon disulfide	<0.0043		0.0043	0.00090	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
Carbon tetrachloride	<0.0017		0.0017	0.00050	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
Chlorobenzene	<0.0017		0.0017	0.00064	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
Chloroethane	<0.0043		0.0043	0.0013	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
Chloroform	<0.0017		0.0017	0.00060	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
Chloromethane	<0.0043		0.0043	0.0017	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00048	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00052	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
Dibromochloromethane	<0.0017		0.0017	0.00057	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
1,1-Dichloroethane	<0.0017		0.0017	0.00059	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
1,2-Dichloroethane	<0.0043		0.0043	0.0014	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
1,1-Dichloroethene	<0.0017		0.0017	0.00060	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
1,2-Dichloropropane	<0.0017		0.0017	0.00045	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
1,3-Dichloropropane, Total	<0.0017		0.0017	0.00061	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
Ethylbenzene	<0.0017		0.0017	0.00083	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
2-Hexanone	<0.0043		0.0043	0.0014	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
Methylene Chloride	<0.0043		0.0043	0.0017	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
Methyl Ethyl Ketone	<0.0043		0.0043	0.0019	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
methyl isobutyl ketone	<0.0043		0.0043	0.0013	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00051	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
Styrene	<0.0017		0.0017	0.00052	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00055	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
Tetrachloroethene	<0.0017		0.0017	0.00059	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
Toluene	<0.0017		0.0017	0.00044	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00077	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00061	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00058	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00074	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
Trichloroethene	<0.0017		0.0017	0.00059	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
Vinyl chloride	<0.0017		0.0017	0.00077	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
Xylenes, Total	<0.0035		0.0035	0.00056	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		75 - 131	05/28/21 17:40	06/02/21 16:35	1
Dibromofluoromethane	95		75 - 126	05/28/21 17:40	06/02/21 16:35	1
1,2-Dichloroethane-d4 (Surr)	93		70 - 134	05/28/21 17:40	06/02/21 16:35	1
Toluene-d8 (Surr)	94		75 - 124	05/28/21 17:40	06/02/21 16:35	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.21		0.21	0.044	mg/Kg	☼	06/03/21 16:19	06/05/21 03:03	1
1,2-Dichlorobenzene	<0.21		0.21	0.049	mg/Kg	☼	06/03/21 16:19	06/05/21 03:03	1
1,3-Dichlorobenzene	<0.21		0.21	0.046	mg/Kg	☼	06/03/21 16:19	06/05/21 03:03	1
1,4-Dichlorobenzene	<0.21		0.21	0.053	mg/Kg	☼	06/03/21 16:19	06/05/21 03:03	1
2,2'-oxybis[1-chloropropane]	<0.21		0.21	0.048	mg/Kg	☼	06/03/21 16:19	06/05/21 03:03	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199833-1

**Client Sample ID: ROW-8(0-2)-052721**

**Lab Sample ID: 500-199833-9**

**Date Collected: 05/27/21 14:40**

**Matrix: Solid**

**Date Received: 05/27/21 16:55**

**Percent Solids: 80.7**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.41		0.41	0.094	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
2,4,6-Trichlorophenol	<0.41		0.41	0.14	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
2,4-Dichlorophenol	<0.41		0.41	0.098	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
2,4-Dimethylphenol	<0.41		0.41	0.16	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
2,4-Dinitrophenol	<0.83		0.83	0.72	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
2,4-Dinitrotoluene	<0.21		0.21	0.065	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
2,6-Dinitrotoluene	<0.21		0.21	0.081	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
2-Chloronaphthalene	<0.21		0.21	0.045	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
2-Chlorophenol	<0.21		0.21	0.070	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
2-Methylnaphthalene	<0.083		0.083	0.0076	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
2-Methylphenol	<0.21		0.21	0.066	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
2-Nitroaniline	<0.21		0.21	0.055	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
2-Nitrophenol	<0.41		0.41	0.097	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
3 & 4 Methylphenol	<0.21		0.21	0.069	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
3,3'-Dichlorobenzidine	<0.21		0.21	0.058	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
3-Nitroaniline	<0.41		0.41	0.13	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
4,6-Dinitro-2-methylphenol	<0.83		0.83	0.33	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
4-Bromophenyl phenyl ether	<0.21		0.21	0.054	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
4-Chloro-3-methylphenol	<0.41		0.41	0.14	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
4-Chloroaniline	<0.83		0.83	0.19	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
4-Chlorophenyl phenyl ether	<0.21		0.21	0.048	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
4-Nitroaniline	<0.41		0.41	0.17	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
4-Nitrophenol	<0.83		0.83	0.39	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
Acenaphthene	<0.041		0.041	0.0074	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
<b>Acenaphthylene</b>	<b>0.0065</b>	<b>J</b>	0.041	0.0054	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
Anthracene	<0.041		0.041	0.0069	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
<b>Benzo[a]anthracene</b>	<b>0.035</b>	<b>J</b>	0.041	0.0055	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
<b>Benzo[a]pyrene</b>	<b>0.054</b>		0.041	0.0080	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
<b>Benzo[b]fluoranthene</b>	<b>0.071</b>		0.041	0.0089	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
Benzo[g,h,i]perylene	<0.041		0.041	0.013	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
<b>Benzo[k]fluoranthene</b>	<b>0.037</b>	<b>J</b>	0.041	0.012	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
Bis(2-chloroethoxy)methane	<0.21		0.21	0.042	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
Bis(2-chloroethyl)ether	<0.21		0.21	0.062	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
Bis(2-ethylhexyl) phthalate	<0.21		0.21	0.075	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
Butyl benzyl phthalate	<0.21		0.21	0.078	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
Carbazole	<0.21		0.21	0.10	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
<b>Chrysene</b>	<b>0.039</b>	<b>J</b>	0.041	0.011	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
Dibenz(a,h)anthracene	<0.041		0.041	0.0079	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
Dibenzofuran	<0.21		0.21	0.048	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
Diethyl phthalate	<0.21		0.21	0.070	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
Dimethyl phthalate	<0.21		0.21	0.054	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
Di-n-butyl phthalate	<0.21		0.21	0.063	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
Di-n-octyl phthalate	<0.21		0.21	0.067	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
<b>Fluoranthene</b>	<b>0.037</b>	<b>J</b>	0.041	0.0076	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
Fluorene	<0.041		0.041	0.0058	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
Hexachlorobenzene	<0.083		0.083	0.0095	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
Hexachlorobutadiene	<0.21		0.21	0.065	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
Hexachlorocyclopentadiene	<0.83		0.83	0.24	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
Hexachloroethane	<0.21		0.21	0.062	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199833-1

**Client Sample ID: ROW-8(0-2)-052721**

**Lab Sample ID: 500-199833-9**

**Date Collected: 05/27/21 14:40**

**Matrix: Solid**

**Date Received: 05/27/21 16:55**

**Percent Solids: 80.7**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.041		0.041	0.011	mg/Kg	☼	06/03/21 16:19	06/05/21 03:03	1
Isophorone	<0.21		0.21	0.046	mg/Kg	☼	06/03/21 16:19	06/05/21 03:03	1
Naphthalene	<0.041		0.041	0.0063	mg/Kg	☼	06/03/21 16:19	06/05/21 03:03	1
Nitrobenzene	<0.041		0.041	0.010	mg/Kg	☼	06/03/21 16:19	06/05/21 03:03	1
N-Nitrosodi-n-propylamine	<0.083		0.083	0.050	mg/Kg	☼	06/03/21 16:19	06/05/21 03:03	1
N-Nitrosodiphenylamine	<0.21		0.21	0.049	mg/Kg	☼	06/03/21 16:19	06/05/21 03:03	1
Pentachlorophenol	<0.83		0.83	0.66	mg/Kg	☼	06/03/21 16:19	06/05/21 03:03	1
<b>Phenanthrene</b>	<b>0.012</b>	<b>J</b>	0.041	0.0057	mg/Kg	☼	06/03/21 16:19	06/05/21 03:03	1
Phenol	<0.21		0.21	0.091	mg/Kg	☼	06/03/21 16:19	06/05/21 03:03	1
<b>Pyrene</b>	<b>0.048</b>		0.041	0.0082	mg/Kg	☼	06/03/21 16:19	06/05/21 03:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	78		31 - 143				06/03/21 16:19	06/05/21 03:03	1
2-Fluorobiphenyl	76		43 - 145				06/03/21 16:19	06/05/21 03:03	1
2-Fluorophenol	73		31 - 166				06/03/21 16:19	06/05/21 03:03	1
Nitrobenzene-d5	68		37 - 147				06/03/21 16:19	06/05/21 03:03	1
Phenol-d5	81		30 - 153				06/03/21 16:19	06/05/21 03:03	1
Terphenyl-d14	127		42 - 157				06/03/21 16:19	06/05/21 03:03	1

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:29	06/04/21 14:19	1
<b>Barium</b>	<b>0.56</b>		0.50	0.050	mg/L		06/03/21 18:29	06/04/21 14:19	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:29	06/04/21 14:19	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:29	06/04/21 14:19	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:19	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:19	1
<b>Copper</b>	<b>0.027</b>		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:19	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:29	06/04/21 14:19	1
<b>Lead</b>	<b>0.016</b>		0.0075	0.0075	mg/L		06/03/21 18:29	06/04/21 14:19	1
<b>Manganese</b>	<b>0.94</b>		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:19	1
Nickel	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:19	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:29	06/04/21 14:19	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:19	1
<b>Zinc</b>	<b>0.11</b>	<b>J</b>	0.50	0.020	mg/L		06/03/21 18:29	06/04/21 14:19	1

**Method: 6010B - Metals (ICP) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.036</b>	<b>J</b>	0.050	0.010	mg/L		06/03/21 18:33	06/04/21 13:47	1
<b>Barium</b>	<b>0.54</b>		0.50	0.050	mg/L		06/03/21 18:33	06/04/21 13:47	1
<b>Beryllium</b>	<b>0.0050</b>		0.0040	0.0040	mg/L		06/03/21 18:33	06/04/21 13:47	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:33	06/04/21 13:47	1
<b>Chromium</b>	<b>0.12</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:47	1
<b>Cobalt</b>	<b>0.027</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:47	1
<b>Copper</b>	<b>0.12</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:47	1
<b>Iron</b>	<b>100</b>		0.40	0.20	mg/L		06/03/21 18:33	06/04/21 13:47	1
<b>Lead</b>	<b>0.23</b>		0.0075	0.0075	mg/L		06/03/21 18:33	06/04/21 13:47	1
<b>Manganese</b>	<b>0.78</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:47	1
<b>Nickel</b>	<b>0.10</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:47	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:33	06/04/21 13:47	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199833-1

**Client Sample ID: ROW-8(0-2)-052721**

**Lab Sample ID: 500-199833-9**

Date Collected: 05/27/21 14:40

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 80.7

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:47	1
<b>Zinc</b>	<b>0.47</b>	<b>J</b>	0.50	0.020	mg/L		06/03/21 18:33	06/04/21 13:47	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Antimony</b>	<b>0.76</b>	<b>J</b>	1.2	0.23	mg/Kg	☆	06/03/21 08:47	06/03/21 19:20	1
<b>Arsenic</b>	<b>7.3</b>		0.60	0.20	mg/Kg	☆	06/03/21 08:47	06/03/21 19:20	1
<b>Barium</b>	<b>83</b>		0.60	0.068	mg/Kg	☆	06/03/21 08:47	06/03/21 19:20	1
<b>Beryllium</b>	<b>0.75</b>		0.24	0.056	mg/Kg	☆	06/03/21 08:47	06/03/21 19:20	1
<b>Cadmium</b>	<b>0.26</b>	<b>B</b>	0.12	0.021	mg/Kg	☆	06/03/21 08:47	06/03/21 19:20	1
<b>Calcium</b>	<b>32000</b>	<b>B</b>	12	2.0	mg/Kg	☆	06/03/21 08:47	06/03/21 19:20	1
<b>Chromium</b>	<b>18</b>		0.60	0.30	mg/Kg	☆	06/03/21 08:47	06/03/21 19:20	1
<b>Cobalt</b>	<b>12</b>		0.30	0.078	mg/Kg	☆	06/03/21 08:47	06/03/21 19:20	1
<b>Copper</b>	<b>23</b>		0.60	0.17	mg/Kg	☆	06/03/21 08:47	06/03/21 19:20	1
<b>Iron</b>	<b>16000</b>		12	6.2	mg/Kg	☆	06/03/21 08:47	06/03/21 19:20	1
<b>Lead</b>	<b>55</b>		0.30	0.14	mg/Kg	☆	06/03/21 08:47	06/03/21 19:20	1
<b>Magnesium</b>	<b>21000</b>		6.0	3.0	mg/Kg	☆	06/03/21 08:47	06/03/21 19:20	1
<b>Manganese</b>	<b>480</b>		0.60	0.086	mg/Kg	☆	06/03/21 08:47	06/03/21 19:20	1
<b>Nickel</b>	<b>20</b>		0.60	0.17	mg/Kg	☆	06/03/21 08:47	06/03/21 19:20	1
<b>Potassium</b>	<b>1300</b>		30	11	mg/Kg	☆	06/03/21 08:47	06/03/21 19:20	1
<b>Selenium</b>	<b>0.39</b>	<b>J</b>	0.60	0.35	mg/Kg	☆	06/03/21 08:47	06/03/21 19:20	1
<b>Silver</b>	<b>0.42</b>		0.30	0.077	mg/Kg	☆	06/03/21 08:47	06/03/21 19:20	1
<b>Sodium</b>	<b>2200</b>		60	8.8	mg/Kg	☆	06/03/21 08:47	06/03/21 19:20	1
Thallium	<0.60		0.60	0.30	mg/Kg	☆	06/03/21 08:47	06/03/21 19:20	1
<b>Vanadium</b>	<b>28</b>		0.30	0.070	mg/Kg	☆	06/03/21 08:47	06/03/21 19:20	1
<b>Zinc</b>	<b>67</b>		1.2	0.52	mg/Kg	☆	06/03/21 08:47	06/03/21 19:20	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 08:13	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 08:59	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.027</b>		0.020	0.0065	mg/Kg	☆	06/02/21 12:50	06/03/21 08:38	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.6</b>		0.2	0.2	SU			06/03/21 15:18	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199833-1

**Client Sample ID: ROW-4(0-2)-052721**

**Lab Sample ID: 500-199833-11**

**Date Collected: 05/27/21 15:05**

**Matrix: Solid**

**Date Received: 05/27/21 16:55**

**Percent Solids: 92.5**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0071	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
Benzene	<0.0016		0.0016	0.00042	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
Bromodichloromethane	<0.0016		0.0016	0.00033	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
Bromoform	<0.0016		0.0016	0.00048	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
Bromomethane	<0.0041		0.0041	0.0015	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
Carbon disulfide	<0.0041		0.0041	0.00085	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
Carbon tetrachloride	<0.0016		0.0016	0.00047	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
Chlorobenzene	<0.0016		0.0016	0.00060	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
Chloroethane	<0.0041		0.0041	0.0012	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
Chloroform	<0.0016		0.0016	0.00057	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
Chloromethane	<0.0041		0.0041	0.0016	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00046	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00049	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
Dibromochloromethane	<0.0016		0.0016	0.00053	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
1,1-Dichloroethane	<0.0016		0.0016	0.00056	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
1,2-Dichloroethane	<0.0041		0.0041	0.0013	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
1,1-Dichloroethene	<0.0016		0.0016	0.00056	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
1,2-Dichloropropane	<0.0016		0.0016	0.00042	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00057	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
Ethylbenzene	<0.0016		0.0016	0.00078	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
2-Hexanone	<0.0041		0.0041	0.0013	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
Methylene Chloride	<0.0041		0.0041	0.0016	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
Methyl Ethyl Ketone	<0.0041		0.0041	0.0018	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
methyl isobutyl ketone	<0.0041		0.0041	0.0012	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00048	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
Styrene	<0.0016		0.0016	0.00049	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00052	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
Tetrachloroethene	<0.0016		0.0016	0.00056	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
Toluene	<0.0016		0.0016	0.00041	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00072	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00057	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00055	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00070	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
Trichloroethene	<0.0016		0.0016	0.00055	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
Vinyl chloride	<0.0016		0.0016	0.00072	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
Xylenes, Total	<0.0033		0.0033	0.00052	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		75 - 131	05/28/21 17:40	06/02/21 17:26	1
Dibromofluoromethane	96		75 - 126	05/28/21 17:40	06/02/21 17:26	1
1,2-Dichloroethane-d4 (Surr)	91		70 - 134	05/28/21 17:40	06/02/21 17:26	1
Toluene-d8 (Surr)	98		75 - 124	05/28/21 17:40	06/02/21 17:26	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.039	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
1,2-Dichlorobenzene	<0.18		0.18	0.043	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
1,3-Dichlorobenzene	<0.18		0.18	0.040	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
1,4-Dichlorobenzene	<0.18		0.18	0.046	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.042	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1

Eurofins TestAmerica, Chicago



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199833-1

**Client Sample ID: ROW-4(0-2)-052721**

**Lab Sample ID: 500-199833-11**

Date Collected: 05/27/21 15:05

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 92.5

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.36		0.36	0.082	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
2,4,6-Trichlorophenol	<0.36		0.36	0.12	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
2,4-Dichlorophenol	<0.36		0.36	0.085	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
2,4-Dimethylphenol	<0.36		0.36	0.14	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
2,4-Dinitrophenol	<0.72		0.72	0.63	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
2,4-Dinitrotoluene	<0.18		0.18	0.057	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
2,6-Dinitrotoluene	<0.18		0.18	0.071	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
2-Chloronaphthalene	<0.18		0.18	0.040	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
2-Chlorophenol	<0.18		0.18	0.061	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
2-Methylnaphthalene	<0.072		0.072	0.0066	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
2-Methylphenol	<0.18		0.18	0.058	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
2-Nitroaniline	<0.18		0.18	0.048	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
2-Nitrophenol	<0.36		0.36	0.085	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
3 & 4 Methylphenol	<0.18		0.18	0.060	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
3,3'-Dichlorobenzidine	<0.18	*3	0.18	0.050	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
3-Nitroaniline	<0.36		0.36	0.11	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
4,6-Dinitro-2-methylphenol	<0.72		0.72	0.29	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.047	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
4-Chloro-3-methylphenol	<0.36		0.36	0.12	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
4-Chloroaniline	<0.72		0.72	0.17	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.042	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
4-Nitroaniline	<0.36		0.36	0.15	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
4-Nitrophenol	<0.72		0.72	0.34	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Acenaphthene	<0.036		0.036	0.0064	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
<b>Acenaphthylene</b>	<b>0.010</b>	<b>J</b>	0.036	0.0047	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
<b>Anthracene</b>	<b>0.012</b>	<b>J</b>	0.036	0.0060	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
<b>Benzo[a]anthracene</b>	<b>0.079</b>	<b>*3</b>	0.036	0.0048	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
<b>Benzo[a]pyrene</b>	<b>0.11</b>	<b>*3</b>	0.036	0.0069	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
<b>Benzo[b]fluoranthene</b>	<b>0.18</b>	<b>*3</b>	0.036	0.0077	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Benzo[g,h,i]perylene	<0.036	*3	0.036	0.012	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
<b>Benzo[k]fluoranthene</b>	<b>0.066</b>	<b>*3</b>	0.036	0.011	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.037	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.054	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
<b>Bis(2-ethylhexyl) phthalate</b>	<b>0.074</b>	<b>J *3</b>	0.18	0.066	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Butyl benzyl phthalate	<0.18	*3	0.18	0.068	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Carbazole	<0.18		0.18	0.090	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
<b>Chrysene</b>	<b>0.11</b>	<b>*3</b>	0.036	0.0098	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Dibenz(a,h)anthracene	<0.036	*3	0.036	0.0069	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Dibenzofuran	<0.18		0.18	0.042	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Diethyl phthalate	<0.18		0.18	0.061	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Dimethyl phthalate	<0.18		0.18	0.047	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Di-n-butyl phthalate	<0.18		0.18	0.055	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Di-n-octyl phthalate	<0.18		0.18	0.059	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
<b>Fluoranthene</b>	<b>0.13</b>		0.036	0.0067	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Fluorene	<0.036		0.036	0.0050	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Hexachlorobenzene	<0.072		0.072	0.0083	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Hexachlorobutadiene	<0.18		0.18	0.056	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Hexachlorocyclopentadiene	<0.72		0.72	0.21	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Hexachloroethane	<0.18		0.18	0.055	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199833-1

**Client Sample ID: ROW-4(0-2)-052721**

**Lab Sample ID: 500-199833-11**

**Date Collected: 05/27/21 15:05**

**Matrix: Solid**

**Date Received: 05/27/21 16:55**

**Percent Solids: 92.5**

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.052</b>	<b>*3</b>	0.036	0.0093	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Isophorone	<0.18		0.18	0.040	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Naphthalene	<0.036		0.036	0.0055	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Nitrobenzene	<0.036		0.036	0.0090	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
N-Nitrosodi-n-propylamine	<0.072		0.072	0.044	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
N-Nitrosodiphenylamine	<0.18		0.18	0.042	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Pentachlorophenol	<0.72		0.72	0.58	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
<b>Phenanthrene</b>	<b>0.054</b>		0.036	0.0050	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Phenol	<0.18		0.18	0.080	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
<b>Pyrene</b>	<b>0.24</b>	<b>*3</b>	0.036	0.0071	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	87		31 - 143				06/03/21 16:19	06/05/21 04:08	1
2-Fluorobiphenyl	91		43 - 145				06/03/21 16:19	06/05/21 04:08	1
2-Fluorophenol	81		31 - 166				06/03/21 16:19	06/05/21 04:08	1
Nitrobenzene-d5	76		37 - 147				06/03/21 16:19	06/05/21 04:08	1
Phenol-d5	83		30 - 153				06/03/21 16:19	06/05/21 04:08	1
Terphenyl-d14	201	*3 S1+	42 - 157				06/03/21 16:19	06/05/21 04:08	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:29	06/04/21 14:37	1
<b>Barium</b>	<b>0.42</b>	<b>J</b>	0.50	0.050	mg/L		06/03/21 18:29	06/04/21 14:37	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:29	06/04/21 14:37	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:29	06/04/21 14:37	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:37	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:37	1
Copper	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:37	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:29	06/04/21 14:37	1
<b>Lead</b>	<b>0.0084</b>		0.0075	0.0075	mg/L		06/03/21 18:29	06/04/21 14:37	1
<b>Manganese</b>	<b>1.3</b>		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:37	1
Nickel	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:37	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:29	06/04/21 14:37	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:37	1
<b>Zinc</b>	<b>0.072</b>	<b>J</b>	0.50	0.020	mg/L		06/03/21 18:29	06/04/21 14:37	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.050</b>		0.050	0.010	mg/L		06/03/21 18:33	06/04/21 13:54	1
<b>Barium</b>	<b>0.44</b>	<b>J</b>	0.50	0.050	mg/L		06/03/21 18:33	06/04/21 13:54	1
<b>Beryllium</b>	<b>0.0063</b>		0.0040	0.0040	mg/L		06/03/21 18:33	06/04/21 13:54	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:33	06/04/21 13:54	1
<b>Chromium</b>	<b>0.13</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:54	1
<b>Cobalt</b>	<b>0.033</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:54	1
<b>Copper</b>	<b>0.13</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:54	1
<b>Iron</b>	<b>130</b>		0.40	0.20	mg/L		06/03/21 18:33	06/04/21 13:54	1
<b>Lead</b>	<b>0.25</b>		0.0075	0.0075	mg/L		06/03/21 18:33	06/04/21 13:54	1
<b>Manganese</b>	<b>0.62</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:54	1
<b>Nickel</b>	<b>0.12</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:54	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:33	06/04/21 13:54	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199833-1

**Client Sample ID: ROW-4(0-2)-052721**

**Lab Sample ID: 500-199833-11**

Date Collected: 05/27/21 15:05

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 92.5

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:54	1
<b>Zinc</b>	<b>0.48</b>	<b>J</b>	0.50	0.020	mg/L		06/03/21 18:33	06/04/21 13:54	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Antimony</b>	<b>0.49</b>	<b>J</b>	0.99	0.19	mg/Kg	☆	06/03/21 08:47	06/03/21 19:27	1
<b>Arsenic</b>	<b>2.6</b>		0.49	0.17	mg/Kg	☆	06/03/21 08:47	06/03/21 19:27	1
<b>Barium</b>	<b>28</b>		0.49	0.056	mg/Kg	☆	06/03/21 08:47	06/03/21 19:27	1
<b>Beryllium</b>	<b>0.41</b>		0.20	0.046	mg/Kg	☆	06/03/21 08:47	06/03/21 19:27	1
<b>Cadmium</b>	<b>0.25</b>	<b>B</b>	0.099	0.018	mg/Kg	☆	06/03/21 08:47	06/03/21 19:27	1
<b>Calcium</b>	<b>150000</b>	<b>B</b>	99	17	mg/Kg	☆	06/03/21 08:47	06/08/21 11:30	10
<b>Chromium</b>	<b>8.9</b>		0.49	0.24	mg/Kg	☆	06/03/21 08:47	06/03/21 19:27	1
<b>Cobalt</b>	<b>3.5</b>		0.25	0.065	mg/Kg	☆	06/03/21 08:47	06/03/21 19:27	1
<b>Copper</b>	<b>11</b>		0.49	0.14	mg/Kg	☆	06/03/21 08:47	06/03/21 19:27	1
<b>Iron</b>	<b>9100</b>		49	26	mg/Kg	☆	06/03/21 08:47	06/04/21 15:01	5
<b>Lead</b>	<b>33</b>		0.25	0.11	mg/Kg	☆	06/03/21 08:47	06/03/21 19:27	1
<b>Magnesium</b>	<b>91000</b>		25	12	mg/Kg	☆	06/03/21 08:47	06/04/21 15:01	5
<b>Manganese</b>	<b>350</b>		0.49	0.072	mg/Kg	☆	06/03/21 08:47	06/03/21 19:27	1
<b>Nickel</b>	<b>8.8</b>		0.49	0.14	mg/Kg	☆	06/03/21 08:47	06/03/21 19:27	1
<b>Potassium</b>	<b>1000</b>		25	8.7	mg/Kg	☆	06/03/21 08:47	06/03/21 19:27	1
Selenium	<0.49		0.49	0.29	mg/Kg	☆	06/03/21 08:47	06/03/21 19:27	1
<b>Silver</b>	<b>0.19</b>	<b>J</b>	0.25	0.064	mg/Kg	☆	06/03/21 08:47	06/03/21 19:27	1
<b>Sodium</b>	<b>520</b>		49	7.3	mg/Kg	☆	06/03/21 08:47	06/03/21 19:27	1
Thallium	<0.49		0.49	0.25	mg/Kg	☆	06/03/21 08:47	06/03/21 19:27	1
<b>Vanadium</b>	<b>11</b>		0.25	0.058	mg/Kg	☆	06/03/21 08:47	06/03/21 19:27	1
<b>Zinc</b>	<b>46</b>		0.99	0.43	mg/Kg	☆	06/03/21 08:47	06/03/21 19:27	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 08:17	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 09:04	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.024</b>		0.016	0.0054	mg/Kg	☆	06/02/21 12:50	06/03/21 08:42	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.8</b>		0.2	0.2	SU			06/03/21 15:18	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199833-1

**Client Sample ID: ROW-2(0-2)-052721**

**Lab Sample ID: 500-199833-12**

**Date Collected: 05/27/21 15:15**

**Matrix: Solid**

**Date Received: 05/27/21 16:55**

**Percent Solids: 83.7**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015		0.015	0.0067	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
Benzene	<0.0015		0.0015	0.00039	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
Bromodichloromethane	<0.0015		0.0015	0.00031	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
Bromoform	<0.0015		0.0015	0.00045	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
Bromomethane	<0.0038		0.0038	0.0015	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
Carbon disulfide	<0.0038		0.0038	0.00080	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
Carbon tetrachloride	<0.0015		0.0015	0.00045	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
Chlorobenzene	<0.0015		0.0015	0.00057	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
Chloroethane	<0.0038		0.0038	0.0011	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
Chloroform	<0.0015		0.0015	0.00053	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
Chloromethane	<0.0038		0.0038	0.0015	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00043	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00046	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
Dibromochloromethane	<0.0015		0.0015	0.00050	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
1,1-Dichloroethane	<0.0015		0.0015	0.00053	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
1,2-Dichloroethane	<0.0038		0.0038	0.0012	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
1,1-Dichloroethene	<0.0015		0.0015	0.00053	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
1,2-Dichloropropane	<0.0015		0.0015	0.00040	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
1,3-Dichloropropene, Total	<0.0015		0.0015	0.00054	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
Ethylbenzene	<0.0015		0.0015	0.00074	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
2-Hexanone	<0.0038		0.0038	0.0012	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
Methylene Chloride	<0.0038		0.0038	0.0015	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
Methyl Ethyl Ketone	<0.0038		0.0038	0.0017	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
methyl isobutyl ketone	<0.0038		0.0038	0.0011	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00045	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
Styrene	<0.0015		0.0015	0.00046	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00049	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
Tetrachloroethene	<0.0015		0.0015	0.00052	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
Toluene	<0.0015		0.0015	0.00039	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00068	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00054	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00052	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00066	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
Trichloroethene	<0.0015		0.0015	0.00052	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
Vinyl chloride	<0.0015		0.0015	0.00068	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
Xylenes, Total	<0.0031		0.0031	0.00049	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		75 - 131	05/28/21 17:40	06/02/21 17:52	1
Dibromofluoromethane	93		75 - 126	05/28/21 17:40	06/02/21 17:52	1
1,2-Dichloroethane-d4 (Surr)	86		70 - 134	05/28/21 17:40	06/02/21 17:52	1
Toluene-d8 (Surr)	96		75 - 124	05/28/21 17:40	06/02/21 17:52	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.043	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
1,4-Dichlorobenzene	<0.20		0.20	0.051	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199833-1

**Client Sample ID: ROW-2(0-2)-052721**

**Lab Sample ID: 500-199833-12**

**Date Collected: 05/27/21 15:15**

**Matrix: Solid**

**Date Received: 05/27/21 16:55**

**Percent Solids: 83.7**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.090	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
2,4,6-Trichlorophenol	<0.39		0.39	0.14	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
2,4-Dichlorophenol	<0.39		0.39	0.094	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
2,4-Dinitrophenol	<0.80		0.80	0.70	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
2,4-Dinitrotoluene	<0.20		0.20	0.063	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
2,6-Dinitrotoluene	<0.20		0.20	0.078	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
2-Chlorophenol	<0.20		0.20	0.067	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
2-Methylnaphthalene	<0.080		0.080	0.0073	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
2-Nitrophenol	<0.39		0.39	0.093	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
3 & 4 Methylphenol	<0.20		0.20	0.066	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
4,6-Dinitro-2-methylphenol	<0.80		0.80	0.32	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
4-Chloroaniline	<0.80		0.80	0.19	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
4-Nitroaniline	<0.39		0.39	0.17	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
4-Nitrophenol	<0.80		0.80	0.38	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Acenaphthene	<0.039		0.039	0.0071	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
<b>Acenaphthylene</b>	<b>0.014</b>	<b>J</b>	0.039	0.0052	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
<b>Anthracene</b>	<b>0.018</b>	<b>J</b>	0.039	0.0066	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
<b>Benzo[a]anthracene</b>	<b>0.11</b>		0.039	0.0053	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
<b>Benzo[a]pyrene</b>	<b>0.15</b>	<b>*3</b>	0.039	0.0076	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
<b>Benzo[b]fluoranthene</b>	<b>0.24</b>	<b>*3</b>	0.039	0.0085	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
<b>Benzo[g,h,i]perylene</b>	<b>0.050</b>	<b>*3</b>	0.039	0.013	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
<b>Benzo[k]fluoranthene</b>	<b>0.073</b>	<b>*3</b>	0.039	0.012	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Butyl benzyl phthalate	<0.20		0.20	0.075	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Carbazole	<0.20		0.20	0.099	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
<b>Chrysene</b>	<b>0.13</b>		0.039	0.011	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Dibenz(a,h)anthracene	<0.039	<b>*3</b>	0.039	0.0076	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Diethyl phthalate	<0.20		0.20	0.067	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Dimethyl phthalate	<0.20		0.20	0.052	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
<b>Fluoranthene</b>	<b>0.16</b>		0.039	0.0073	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Fluorene	<0.039		0.039	0.0056	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Hexachlorobenzene	<0.080		0.080	0.0092	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Hexachlorocyclopentadiene	<0.80		0.80	0.23	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Hexachloroethane	<0.20		0.20	0.060	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199833-1

**Client Sample ID: ROW-2(0-2)-052721**

**Lab Sample ID: 500-199833-12**

**Date Collected: 05/27/21 15:15**

**Matrix: Solid**

**Date Received: 05/27/21 16:55**

**Percent Solids: 83.7**

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.048</b>	<b>*3</b>	0.039	0.010	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Naphthalene	<0.039		0.039	0.0061	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Nitrobenzene	<0.039		0.039	0.0099	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
N-Nitrosodi-n-propylamine	<0.080		0.080	0.048	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
N-Nitrosodiphenylamine	<0.20		0.20	0.047	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Pentachlorophenol	<0.80		0.80	0.63	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
<b>Phenanthrene</b>	<b>0.053</b>		0.039	0.0055	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Phenol	<0.20		0.20	0.088	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
<b>Pyrene</b>	<b>0.24</b>		0.039	0.0078	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	90		31 - 143				06/03/21 16:19	06/05/21 03:46	1
2-Fluorobiphenyl	88		43 - 145				06/03/21 16:19	06/05/21 03:46	1
2-Fluorophenol	87		31 - 166				06/03/21 16:19	06/05/21 03:46	1
Nitrobenzene-d5	75		37 - 147				06/03/21 16:19	06/05/21 03:46	1
Phenol-d5	89		30 - 153				06/03/21 16:19	06/05/21 03:46	1
Terphenyl-d14	186	S1+	42 - 157				06/03/21 16:19	06/05/21 03:46	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:29	06/04/21 14:41	1
<b>Barium</b>	<b>0.59</b>		0.50	0.050	mg/L		06/03/21 18:29	06/04/21 14:41	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:29	06/04/21 14:41	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:29	06/04/21 14:41	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:41	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:41	1
Copper	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:41	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:29	06/04/21 14:41	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/21 18:29	06/04/21 14:41	1
<b>Manganese</b>	<b>1.3</b>		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:41	1
Nickel	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:41	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:29	06/04/21 14:41	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:41	1
<b>Zinc</b>	<b>0.040</b>	<b>J</b>	0.50	0.020	mg/L		06/03/21 18:29	06/04/21 14:41	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.073</b>		0.050	0.010	mg/L		06/03/21 18:33	06/04/21 14:04	1
<b>Barium</b>	<b>0.97</b>		0.50	0.050	mg/L		06/03/21 18:33	06/04/21 14:04	1
<b>Beryllium</b>	<b>0.0095</b>		0.0040	0.0040	mg/L		06/03/21 18:33	06/04/21 14:04	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:33	06/04/21 14:04	1
<b>Chromium</b>	<b>0.21</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 14:04	1
<b>Cobalt</b>	<b>0.055</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 14:04	1
<b>Copper</b>	<b>0.19</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 14:04	1
<b>Iron</b>	<b>210</b>		0.40	0.20	mg/L		06/03/21 18:33	06/04/21 14:04	1
<b>Lead</b>	<b>0.28</b>		0.0075	0.0075	mg/L		06/03/21 18:33	06/04/21 14:04	1
<b>Manganese</b>	<b>1.1</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 14:04	1
<b>Nickel</b>	<b>0.20</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 14:04	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:33	06/04/21 14:04	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199833-1

**Client Sample ID: ROW-2(0-2)-052721**

**Lab Sample ID: 500-199833-12**

Date Collected: 05/27/21 15:15

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 83.7

**Method: 6010B - Metals (ICP) - SPLP East (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 14:04	1
Zinc	0.79		0.50	0.020	mg/L		06/03/21 18:33	06/04/21 14:04	1

**Method: 6010B - Total Metals**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.67	J	1.1	0.21	mg/Kg	☆	06/03/21 08:47	06/03/21 19:30	1
Arsenic	5.6		0.55	0.19	mg/Kg	☆	06/03/21 08:47	06/03/21 19:30	1
Barium	64		0.55	0.063	mg/Kg	☆	06/03/21 08:47	06/03/21 19:30	1
Beryllium	0.66		0.22	0.051	mg/Kg	☆	06/03/21 08:47	06/03/21 19:30	1
Cadmium	0.39	B	0.11	0.020	mg/Kg	☆	06/03/21 08:47	06/03/21 19:30	1
Calcium	69000	B	55	9.3	mg/Kg	☆	06/03/21 08:47	06/04/21 15:04	5
Chromium	16		0.55	0.27	mg/Kg	☆	06/03/21 08:47	06/03/21 19:30	1
Cobalt	8.1		0.28	0.072	mg/Kg	☆	06/03/21 08:47	06/03/21 19:30	1
Copper	17		0.55	0.15	mg/Kg	☆	06/03/21 08:47	06/03/21 19:30	1
Iron	14000		11	5.7	mg/Kg	☆	06/03/21 08:47	06/03/21 19:30	1
Lead	78		0.28	0.13	mg/Kg	☆	06/03/21 08:47	06/03/21 19:30	1
Magnesium	31000		5.5	2.7	mg/Kg	☆	06/03/21 08:47	06/03/21 19:30	1
Manganese	460		0.55	0.080	mg/Kg	☆	06/03/21 08:47	06/03/21 19:30	1
Nickel	18		0.55	0.16	mg/Kg	☆	06/03/21 08:47	06/03/21 19:30	1
Potassium	1200		28	9.7	mg/Kg	☆	06/03/21 08:47	06/03/21 19:30	1
Selenium	<0.55		0.55	0.32	mg/Kg	☆	06/03/21 08:47	06/03/21 19:30	1
Silver	0.37		0.28	0.071	mg/Kg	☆	06/03/21 08:47	06/03/21 19:30	1
Sodium	1800		55	8.1	mg/Kg	☆	06/03/21 08:47	06/03/21 19:30	1
Thallium	<0.55		0.55	0.27	mg/Kg	☆	06/03/21 08:47	06/03/21 19:30	1
Vanadium	22		0.28	0.065	mg/Kg	☆	06/03/21 08:47	06/03/21 19:30	1
Zinc	92		1.1	0.48	mg/Kg	☆	06/03/21 08:47	06/03/21 19:30	1

**Method: 7470A - Mercury (CVAA) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 08:19	1

**Method: 7470A - Mercury (CVAA) - SPLP East**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 09:06	1

**Method: 7471B - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.029		0.018	0.0061	mg/Kg	☆	06/02/21 12:50	06/03/21 08:48	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.8		0.2	0.2	SU			06/03/21 15:18	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199833-1

**Client Sample ID: ROW-2(0-2)-052721D**

**Lab Sample ID: 500-199833-13**

**Date Collected: 05/27/21 15:15**

**Matrix: Solid**

**Date Received: 05/27/21 16:55**

**Percent Solids: 84.7**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.019		0.019	0.0085	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
Benzene	<0.0019		0.0019	0.00050	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
Bromodichloromethane	<0.0019		0.0019	0.00040	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
Bromoform	<0.0019		0.0019	0.00057	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
Bromomethane	<0.0049		0.0049	0.0018	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
Carbon disulfide	<0.0049		0.0049	0.0010	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
Carbon tetrachloride	<0.0019		0.0019	0.00056	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
Chlorobenzene	<0.0019		0.0019	0.00072	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
Chloroethane	<0.0049		0.0049	0.0014	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
Chloroform	<0.0019		0.0019	0.00068	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
Chloromethane	<0.0049		0.0049	0.0020	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00054	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00059	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
Dibromochloromethane	<0.0019		0.0019	0.00064	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
1,1-Dichloroethane	<0.0019		0.0019	0.00067	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
1,2-Dichloroethane	<0.0049		0.0049	0.0015	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
1,1-Dichloroethene	<0.0019		0.0019	0.00067	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
1,2-Dichloropropane	<0.0019		0.0019	0.00050	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00068	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
Ethylbenzene	<0.0019		0.0019	0.00093	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
2-Hexanone	<0.0049		0.0049	0.0015	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
Methylene Chloride	<0.0049		0.0049	0.0019	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
Methyl Ethyl Ketone	<0.0049		0.0049	0.0022	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
methyl isobutyl ketone	<0.0049		0.0049	0.0014	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00057	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
Styrene	<0.0019		0.0019	0.00059	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00062	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
Tetrachloroethene	<0.0019		0.0019	0.00066	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
Toluene	<0.0019		0.0019	0.00049	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00086	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00068	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00065	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00083	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
Trichloroethene	<0.0019		0.0019	0.00066	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
Vinyl chloride	<0.0019		0.0019	0.00086	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
Xylenes, Total	<0.0039		0.0039	0.00062	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		75 - 131	05/28/21 17:40	06/02/21 18:17	1
Dibromofluoromethane	96		75 - 126	05/28/21 17:40	06/02/21 18:17	1
1,2-Dichloroethane-d4 (Surr)	88		70 - 134	05/28/21 17:40	06/02/21 18:17	1
Toluene-d8 (Surr)	96		75 - 124	05/28/21 17:40	06/02/21 18:17	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.042	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
1,4-Dichlorobenzene	<0.20		0.20	0.050	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.045	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1

Eurofins TestAmerica, Chicago



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199833-1

**Client Sample ID: ROW-2(0-2)-052721D**

**Lab Sample ID: 500-199833-13**

**Date Collected: 05/27/21 15:15**

**Matrix: Solid**

**Date Received: 05/27/21 16:55**

**Percent Solids: 84.7**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.089	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
2,4,6-Trichlorophenol	<0.39		0.39	0.13	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
2,4-Dichlorophenol	<0.39		0.39	0.093	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
2,4-Dinitrophenol	<0.79		0.79	0.69	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
2,4-Dinitrotoluene	<0.20		0.20	0.062	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
2,6-Dinitrotoluene	<0.20		0.20	0.077	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
2-Chloronaphthalene	<0.20		0.20	0.043	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
2-Chlorophenol	<0.20		0.20	0.067	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
2-Methylnaphthalene	<0.079		0.079	0.0072	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
2-Nitrophenol	<0.39		0.39	0.092	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
3 & 4 Methylphenol	<0.20		0.20	0.065	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.31	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
4-Chloroaniline	<0.79		0.79	0.18	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
4-Nitroaniline	<0.39		0.39	0.16	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
4-Nitrophenol	<0.79		0.79	0.37	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Acenaphthene	<0.039		0.039	0.0070	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
<b>Acenaphthylene</b>	<b>0.0092</b>	<b>J</b>	0.039	0.0052	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
<b>Anthracene</b>	<b>0.035</b>	<b>J</b>	0.039	0.0065	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
<b>Benzo[a]anthracene</b>	<b>0.12</b>		0.039	0.0053	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
<b>Benzo[a]pyrene</b>	<b>0.15</b>		0.039	0.0076	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
<b>Benzo[b]fluoranthene</b>	<b>0.21</b>		0.039	0.0084	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
<b>Benzo[g,h,i]perylene</b>	<b>0.050</b>		0.039	0.013	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
<b>Benzo[k]fluoranthene</b>	<b>0.079</b>		0.039	0.012	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.071	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Butyl benzyl phthalate	<0.20		0.20	0.074	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Carbazole	<0.20		0.20	0.098	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
<b>Chrysene</b>	<b>0.13</b>		0.039	0.011	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Dibenz(a,h)anthracene	<0.039		0.039	0.0075	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Diethyl phthalate	<0.20		0.20	0.066	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Dimethyl phthalate	<0.20		0.20	0.051	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
<b>Fluoranthene</b>	<b>0.24</b>		0.039	0.0072	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
<b>Fluorene</b>	<b>0.012</b>	<b>J</b>	0.039	0.0055	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Hexachlorobenzene	<0.079		0.079	0.0091	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Hexachlorobutadiene	<0.20		0.20	0.061	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Hexachlorocyclopentadiene	<0.79		0.79	0.22	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Hexachloroethane	<0.20		0.20	0.059	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199833-1

**Client Sample ID: ROW-2(0-2)-052721D**

**Lab Sample ID: 500-199833-13**

Date Collected: 05/27/21 15:15

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 84.7

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.039</b>		0.039	0.010	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Naphthalene	<0.039		0.039	0.0060	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Nitrobenzene	<0.039		0.039	0.0097	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.048	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
N-Nitrosodiphenylamine	<0.20		0.20	0.046	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Pentachlorophenol	<0.79		0.79	0.63	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
<b>Phenanthrene</b>	<b>0.14</b>		0.039	0.0054	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Phenol	<0.20		0.20	0.087	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
<b>Pyrene</b>	<b>0.25</b>		0.039	0.0078	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	90		31 - 143				06/03/21 16:19	06/05/21 02:42	1
2-Fluorobiphenyl	89		43 - 145				06/03/21 16:19	06/05/21 02:42	1
2-Fluorophenol	83		31 - 166				06/03/21 16:19	06/05/21 02:42	1
Nitrobenzene-d5	78		37 - 147				06/03/21 16:19	06/05/21 02:42	1
Phenol-d5	91		30 - 153				06/03/21 16:19	06/05/21 02:42	1
Terphenyl-d14	131		42 - 157				06/03/21 16:19	06/05/21 02:42	1

## Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:29	06/04/21 14:45	1
<b>Barium</b>	<b>0.59</b>		0.50	0.050	mg/L		06/03/21 18:29	06/04/21 14:45	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:29	06/04/21 14:45	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:29	06/04/21 14:45	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:45	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:45	1
Copper	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:45	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:29	06/04/21 14:45	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/21 18:29	06/04/21 14:45	1
<b>Manganese</b>	<b>1.2</b>		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:45	1
Nickel	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:45	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:29	06/04/21 14:45	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:45	1
<b>Zinc</b>	<b>0.033 J</b>		0.50	0.020	mg/L		06/03/21 18:29	06/04/21 14:45	1

## Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>0.062</b>		0.050	0.010	mg/L		06/03/21 18:33	06/04/21 14:07	1
<b>Barium</b>	<b>0.84 F1</b>		0.50	0.050	mg/L		06/03/21 18:33	06/04/21 14:07	1
<b>Beryllium</b>	<b>0.0083</b>		0.0040	0.0040	mg/L		06/03/21 18:33	06/04/21 14:07	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:33	06/04/21 14:07	1
<b>Chromium</b>	<b>0.18</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 14:07	1
<b>Cobalt</b>	<b>0.048</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 14:07	1
<b>Copper</b>	<b>0.17</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 14:07	1
<b>Iron</b>	<b>180</b>		0.40	0.20	mg/L		06/03/21 18:33	06/04/21 14:07	1
<b>Lead</b>	<b>0.27 F1</b>		0.0075	0.0075	mg/L		06/03/21 18:33	06/04/21 14:07	1
<b>Manganese</b>	<b>0.96 F1</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 14:07	1
<b>Nickel</b>	<b>0.17</b>		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 14:07	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:33	06/04/21 14:07	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199833-1

**Client Sample ID: ROW-2(0-2)-052721D**

**Lab Sample ID: 500-199833-13**

Date Collected: 05/27/21 15:15

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 84.7

### Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025	F1	0.025	0.010	mg/L		06/03/21 18:33	06/04/21 14:07	1
<b>Zinc</b>	<b>0.69</b>	<b>F1</b>	0.50	0.020	mg/L		06/03/21 18:33	06/04/21 14:07	1

### Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Antimony</b>	<b>0.47</b>	<b>J</b>	1.2	0.23	mg/Kg	☆	06/03/21 08:47	06/03/21 19:34	1
<b>Arsenic</b>	<b>5.5</b>		0.58	0.20	mg/Kg	☆	06/03/21 08:47	06/03/21 19:34	1
<b>Barium</b>	<b>63</b>		0.58	0.066	mg/Kg	☆	06/03/21 08:47	06/03/21 19:34	1
<b>Beryllium</b>	<b>0.61</b>		0.23	0.054	mg/Kg	☆	06/03/21 08:47	06/03/21 19:34	1
<b>Cadmium</b>	<b>0.37</b>	<b>B</b>	0.12	0.021	mg/Kg	☆	06/03/21 08:47	06/03/21 19:34	1
<b>Calcium</b>	<b>71000</b>	<b>B</b>	58	9.9	mg/Kg	☆	06/03/21 08:47	06/04/21 15:08	5
<b>Chromium</b>	<b>14</b>		0.58	0.29	mg/Kg	☆	06/03/21 08:47	06/03/21 19:34	1
<b>Cobalt</b>	<b>7.7</b>		0.29	0.076	mg/Kg	☆	06/03/21 08:47	06/03/21 19:34	1
<b>Copper</b>	<b>15</b>		0.58	0.16	mg/Kg	☆	06/03/21 08:47	06/03/21 19:34	1
<b>Iron</b>	<b>13000</b>		12	6.1	mg/Kg	☆	06/03/21 08:47	06/03/21 19:34	1
<b>Lead</b>	<b>93</b>		0.29	0.13	mg/Kg	☆	06/03/21 08:47	06/03/21 19:34	1
<b>Magnesium</b>	<b>34000</b>		5.8	2.9	mg/Kg	☆	06/03/21 08:47	06/03/21 19:34	1
<b>Manganese</b>	<b>390</b>		0.58	0.085	mg/Kg	☆	06/03/21 08:47	06/03/21 19:34	1
<b>Nickel</b>	<b>16</b>		0.58	0.17	mg/Kg	☆	06/03/21 08:47	06/03/21 19:34	1
<b>Potassium</b>	<b>1300</b>		29	10	mg/Kg	☆	06/03/21 08:47	06/03/21 19:34	1
Selenium	<0.58		0.58	0.34	mg/Kg	☆	06/03/21 08:47	06/03/21 19:34	1
<b>Silver</b>	<b>0.38</b>		0.29	0.075	mg/Kg	☆	06/03/21 08:47	06/03/21 19:34	1
<b>Sodium</b>	<b>1500</b>		58	8.6	mg/Kg	☆	06/03/21 08:47	06/03/21 19:34	1
Thallium	<0.58		0.58	0.29	mg/Kg	☆	06/03/21 08:47	06/03/21 19:34	1
<b>Vanadium</b>	<b>21</b>		0.29	0.069	mg/Kg	☆	06/03/21 08:47	06/03/21 19:34	1
<b>Zinc</b>	<b>84</b>		1.2	0.51	mg/Kg	☆	06/03/21 08:47	06/03/21 19:34	1

### Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 08:21	1

### Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 09:08	1

### Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.026</b>		0.019	0.0063	mg/Kg	☆	06/02/21 12:50	06/03/21 08:50	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>pH</b>	<b>8.6</b>		0.2	0.2	SU			06/03/21 15:18	1

# Definitions/Glossary

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199833-1

## 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
*3	ISTD response or retention time outside acceptable limits.
E	Result exceeded calibration range.
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, high biased.

### Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
F3	Duplicate RPD exceeds the control limit
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)

Eurofins TestAmerica, Chicago

# Definitions/Glossary

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199833-1

## Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

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# Accreditation/Certification Summary

Client: Weston Solutions, Inc.  
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-199833-1

## Laboratory: Eurofins TestAmerica, Chicago

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	IL00035	04-29-22

- 1
- 2
- 3
- 4
- 5
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- 10
- 11
- 12
- 13
- 14
- 15

# Chain of Custody Record

533076




Environment Testing  
TestAmerica

Address \_\_\_\_\_

Regulatory Program:  DW  NPDES  RCRA  Other

TAL-8210

Client Contact		Project Manager: <i>Andra Slesseles</i>		Site Contact:		Date:		COC No		
Company Name: <i>Western Solutions</i>		Tel/Email:		Lab Contact:		Carrier:		2 of 3 COCs		
Address: <i>300 Plaza Cir Ste 202</i>		<b>Analysis Turnaround Time</b> <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____ <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Filtered Sample (Y/N) Perform MS / MSD (Y/N) <i>110Cs</i> <i>SVOCs</i> <i>Total Metals</i> <i>TRUP / SLP Metals</i> <i>pH</i>		 500-199833 COC		Sampler:		
City/State/Zip: <i>Muskegon MI 49860</i>								For Lab Use Only:		
Phone:								Walk-in Client		
Fax:								Lab Sampling		
Project Name: <i>TDS I-90</i>						Job / SDG No				
Site:								<i>500-199833</i>		
P O #:								Sample Specific Notes		
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	110Cs	SVOCs	Total Metals	TRUP / SLP Metals	pH
<i>ROW-38(0-2)-052721D</i>	<i>5/27/21</i>	<i>1040</i>	<i>G</i>	<i>S</i>	<i>6</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>
<i>ROW-36(0-2)-052721</i>		<i>1100</i>				<i>X</i>	<i>X</i>	<i>X</i>		
<i>ROW-34(0-2)-052721</i>		<i>1110</i>				<i>X</i>	<i>X</i>	<i>X</i>		
<i>ROW-32(0-2)-052721</i>		<i>1130</i>				<i>X</i>	<i>X</i>	<i>X</i>		
<i>ROW-30(0-2)-052721</i>		<i>1140</i>				<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	
<i>ROW-28(0-2)-052721</i>		<i>1205</i>				<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	
<i>ROW-26(0-2)-052721</i>		<i>1215</i>				<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	
<i>ROW-24(0-2)-052721</i>		<i>1230</i>				<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	
<i>ROW-22(0-2)-052721</i>		<i>1240</i>				<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	
<i>ROW-20(0-2)-052721</i>		<i>1305</i>				<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	
<i>ROW-18(0-2)-052721</i>		<i>1325</i>				<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	
<i>ROW-16(0-2)-052721D</i>		<i>1325</i>				<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

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: *6/5 5.3 → 5.0, 1.6 → 0.6, 6.0 → 5.7, 4.6 → 4.3, 3.9 → 3.6*

Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No	Cooler Temp (°C) Obs'd	Corr'd	Therm ID No
Relinquished by: <i>[Signature]</i>	Company: <i>Western</i>	Date/Time: <i>5/27/21 1600</i>	Received by: <i>P.N. [Signature]</i>	Company: <i>EPA</i>
Relinquished by: <i>[Signature]</i>	Company: <i>EPA</i>	Date/Time: <i>5/27/21 1600</i>	Received by: <i>[Signature]</i>	Company: <i>[Signature]</i>
Relinquished by: <i>[Signature]</i>	Company: <i>[Signature]</i>	Date/Time: <i>[Signature]</i>	Received in Laboratory by: <i>[Signature]</i>	Company: <i>[Signature]</i>

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Address \_\_\_\_\_

Regulatory Program:  DW  NPDES  RCRA  Other

TAL-8210

Client Contact		Project Manager: <i>Andris Slegras</i>		Site Contact		Date:		COC No	
Company Name <i>Western Solutions</i>		Tel/Email:		Lab Contact:		Carrier:		3 of 3 COCs	
Address <i>300 Lara Cir Ste 202</i>		Analysis Turnaround Time		Filtered Sample (Y/N) Perform MS / MSD (Y/N) VOCs SVOCs Other Metals TRCP / SPCP Metals pH				Sampler	
City/State/Zip <i>Mundelein, IL 60060</i>		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS						For Lab Use Only	
Phone		TAT if different from Below _____						Walk-in Client	
Fax		<input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day						Lab Sampling	
Project Name <i>FDET I-80</i>								Job / SDG No	
Site								<i>500-199833</i>	
P O #									
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Sample Specific Notes		
<i>5</i>	<i>ROW-16(0-2)-052721</i>	<i>5/27/21</i>	<i>1340</i>	<i>6</i>	<i>S</i>	<i>6</i>	<i>X</i>	<i>X</i>	<i>X</i>
<i>6</i>	<i>ROW-14(0-2)-052721</i>		<i>1350</i>				<i>X</i>	<i>X</i>	<i>X</i>
<i>7</i>	<i>ROW-12(0-2)-052721</i>		<i>1410</i>				<i>X</i>	<i>X</i>	<i>X</i>
<i>8</i>	<i>ROW-10(0-2)-052721</i>		<i>1420</i>				<i>X</i>	<i>X</i>	<i>X</i>
<i>9</i>	<i>ROW-8(0-2)-052721</i>		<i>1440</i>				<i>X</i>	<i>X</i>	<i>X</i>
<i>10</i>	<i>ROW-6(0-2)-052721</i>		<i>1450</i>				<i>X</i>	<i>X</i>	<i>X</i>
<i>11</i>	<i>ROW-4(0-2)-052721</i>		<i>1505</i>				<i>X</i>	<i>X</i>	<i>X</i>
<i>12</i>	<i>ROW-2(0-2)-052721</i>		<i>1515</i>				<i>X</i>	<i>X</i>	<i>X</i>
<i>13</i>	<i>ROW-2(0-2)-052721</i>	<i>↓</i>	<i>1515</i>	<i>↓</i>	<i>↓</i>	<i>↓</i>	<i>X</i>	<i>X</i>	<i>X</i>
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4=HNO3, 5=NaOH, 6= Other									
Possible Hazard Identification Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample					Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)				
<input checked="" type="checkbox"/> Non Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown					<input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months				
Special Instructions/QC Requirements & Comments.									
Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temp (°C) Obs'd _____ Corr'd _____		Therm ID No _____			
Relinquished by <i>[Signature]</i>		Company <i>Western</i>		Date/Time <i>5/27/21 1600</i>		Received by <i>P. Neal</i>		Company <i>EPA</i>	
Relinquished by <i>P. Neal</i>		Company <i>EPA</i>		Date/Time <i>5/27/21 1655</i>		Received by <i>[Signature]</i>		Company <i>EPA-CH2</i>	
Relinquished by		Company		Date/Time		Received by <i>[Signature]</i>		Company <i>EPA-CH2</i>	