



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: FAP 342 - IL 53: From IL 68 to W. Lake Cook Road Office Phone Number, if available: _____

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

ROW, 1000-4000 blocks of IL 53 from Lake Cook Road to Dundee Road, (ISGS Site No. 3799V-2)

City: Palatine and Arlington Heights State: IL Zip Code: _____

County: Cook Township: _____

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

Latitude: 42.14427 Longitude: - 88.00779
(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.): 745

II. Owner/Operator Information for Source Site

Site Owner

Name: Illinois Department of Transportation

Street Address: 201 W. Center Court

PO Box: _____

City: Schaumburg State: IL

Zip Code: 60196 Phone: 847-705-4627

Contact: Vanessa Ruiz

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

Site Operator

Name: Illinois Department of Transportation

Street Address: 201 W. Center Court

PO Box: _____

City: Schaumburg State: IL

Zip Code: 60196 Phone: 847-705-4627

Contact: Vanessa Ruiz

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

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

Uncontaminated Soil Certification

III. Basis for Certification and Attachments

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

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

LOCATIONS ROW-1, ROW-2, ROW-4, ROW-6 THROUGH ROW-8, ROW-10, ROW-13 THROUGH ROW-18, AND ROW-20 THROUGH ROW-22 WERE SAMPLED ALONG ISGS SITE 3799V-2. SEE FIGURES 3-1 AND 3-2, AND TABLE 4-1 OF THE PRELIMINARY SITE INVESTIGATION REPORT FOR SAMPLING DETAILS.

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

EUROFINS ANALYTICAL REPORTS - JOB IDS: 500-237024-1, 500-237047-1, 500-236922-1, 500-236926-1, AND 500-237022-1. ALSO SEE FIGURES 4-1 AND 4-2 OF THE PRELIMINARY SITE INVESTIGATION REPORT.

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

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

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

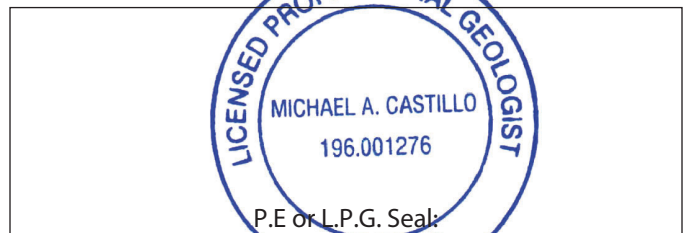
Company Name: Weston Solutions, Inc.
Street Address: 300 Knightsbridge Parkway; Suite 360
City: Lincolnshire State: IL Zip Code: 60069
Phone: (224) 864-7200

Michael A. Castillo, P.G.
Printed Name:

Licensed Professional Engineer or
Licensed Professional Geologist Signature:

20 December 2023

Date:



Summary Table - ROW (ISGS Site: 3799V-2)
FAP 342 - IL 53: From IL 68 (Dundee Road) to W. Lake Cook Road
Palatine and Arlington Heights, Cook County, Illinois

Location	Soil Reference Concentrations (MAC Table)	ROW-1	ROW-1	ROW-1	ROW-2	ROW-2	ROW-2	ROW-4
Sample Date		ROW-1(0-6.5)-	ROW-1(13-20)-	ROW-1(6.5-13)-	ROW-2(0-6.5)-	ROW-2(13-20)-	ROW-2(6.5-13)-	ROW-4(0-6.5)-
Field Sample ID		071923	071923	071923	071923	071923	071923	071923
ISGS Site No.		7/19/2023	7/19/2023	7/19/2023	7/19/2023	7/19/2023	7/19/2023	7/19/2023
Laboratory pH	<6.25; >9.0	7.5	7.8	7.9 J	7.7	7.8	7.4	8.0
VOCs (mg/kg)		No Exceedances						
SVOCs (mg/kg)		No Exceedances						
Total Metals (mg/kg)								
Aluminum, Total	---	8200	8300	7600	10000	11000	8800	17000
Antimony, Total	5	ND	ND	ND	ND	ND	0.61 J	ND
Arsenic, Total	11.3 / 13.0	6.7	7.4	3.2	7.6	7.3	8.1	7.4
Barium, Total	1500	37	31	30	37	47	35	130
Beryllium, Total	22	0.69	0.68	0.55	0.81	0.82	0.74	1.2
Cadmium, Total	5.2	0.21 J	ND	ND	ND	ND	ND	ND
Calcium, Total	---	56000 B	54000 B	98000 B	51000 B	73000 B	57000 B	4700 B
Chromium, Total	21	13	14	15	17	17	15	21
Cobalt, Total	20	13	12	6.5	10	13	13	9.6
Copper, Total	2900	27	23	13	24	23	26	26
Iron, Total	15000 / 15900	18000	18000	11000	19000	19000	19000	24000
Lead, Total	107	14	12	6.5	12	12	13	19
Magnesium, Total	325000	34000 B	32000 B	42000 B	31000 B	33000 B	34000 B	4900 B
Manganese, Total	630 / 636	530 B	450 B	230 B	400 B	430 B	430 B	120 B
Mercury, Total	0.89	0.018	0.022	0.021	0.025	0.018	0.024	0.026
Nickel, Total	100	31	28	18	30	31	30	30
Potassium, Total	---	2200	2400	2200	2400	2900	2400	1200
Selenium, Total	1.3	0.75 J	ND	ND	ND	0.65 J	ND	ND
Silver, Total	4.4	ND	ND	ND	ND	ND	ND	ND
Sodium, Total	---	450	170	150	1200	200	210	1300
Thallium, Total	2.6	ND	ND	ND	ND	ND	ND	ND
Vanadium, Total	550	16	16	15	18	20	17	30
Zinc, Total	5100	55	51	31	61	61	50	71
TCLP Metals (mg/l)								
Arsenic, TCLP	0.05	ND	ND	ND	ND	0.01 J	ND	ND
Barium, TCLP	2	0.55	0.65	0.53	0.3 J	0.73	0.66	0.45 J
Beryllium, TCLP	0.004	ND	ND	ND	ND	ND	ND	ND
Cadmium, TCLP	0.005	ND	ND	ND	ND	ND	ND	ND
Chromium, TCLP	0.1	ND	ND	ND	ND	ND	ND	ND
Cobalt, TCLP	1	ND	0.018 J	ND	ND	0.013 J	0.028	ND
Copper, TCLP	0.65	ND	ND	0.046	ND	ND	0.01 J	ND
Iron, TCLP	5	ND	ND	0.44	0.27 J	ND	ND	ND
Lead, TCLP	0.0075	ND	ND	ND	ND	ND	ND	ND
Manganese, TCLP	0.15	1	2.2	3.2	0.8	2	2.4	2.5
Mercury, TCLP	0.002	ND	ND	ND	ND	ND	ND	ND
Nickel, TCLP	0.1	ND	0.047	0.014 J	ND	0.035	0.073	ND
Selenium, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND
Silver, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND
Zinc, TCLP	5	ND	ND	0.027 J	ND	ND	ND	ND
SPLP Metals (mg/l)								
Arsenic, SPLP	0.05	ND	ND	ND	0.068	ND	ND	0.04 J
Barium, SPLP	2	ND	0.074 J	ND	0.36 J	ND	0.059 J	0.66
Beryllium, SPLP	0.004	ND	ND	ND	0.0072	ND	ND	0.0064
Cadmium, SPLP	0.005	ND	ND	ND	ND	ND	ND	ND
Chromium, SPLP	0.1	ND	0.017 J	ND	0.14	ND	ND	0.13
Cobalt, SPLP	1	ND	ND	ND	0.041	ND	ND	0.034
Copper, SPLP	0.65	ND	ND	ND	0.17	ND	ND	0.14
Iron, SPLP	5	0.6	9.6	1.2	140	1.8	4.1	120
Lead, SPLP	0.0075	ND	ND	ND	0.063	ND	ND	0.084
Manganese, SPLP	0.15	ND	0.1	0.022 J	0.54	0.027	0.064	0.49
Mercury, SPLP	0.002	ND	ND	ND	ND	ND	ND	ND
Nickel, SPLP	0.1	ND	0.014 J	ND	0.17	ND	ND	0.11
Selenium, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND
Silver, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND
Zinc, SPLP	5	ND	0.035 J	ND	0.37 J	ND	ND	0.27 J

Summary Table - ROW (ISGS Site: 3799V-2)
FAP 342 - IL 53: From IL 68 (Dundee Road) to W. Lake Cook Road
Palatine and Arlington Heights, Cook County, Illinois

Location	Soil Reference Concentrations (MAC Table)	ROW-4	ROW-4	ROW-6	ROW-6	ROW-6	ROW-7	ROW-7
Sample Date		ROW-4(13-20)-	ROW-4(6.5-13)-	ROW-6(0-6.5)-	ROW-6(0-6.5)-	ROW-6(6.5-13)-	ROW-7(0-6.5)-	ROW-7(13-20)-
Field Sample ID		071923	071923	071923	071923D	071923	071923	071923
ISGS Site No.		7/19/2023	7/19/2023	7/19/2023	7/19/2023	7/19/2023	7/19/2023	7/19/2023
ISGS Site No.		3799V-2	3799V-2	3799V-2	3799V-2	3799V-2	3799V-2	3799V-2
Laboratory pH	<6.25; >9.0	7.6	7.7	7.9	8.0	8.3	8.5	8.8
VOCs (mg/kg)		No Exceedances						
SVOCs (mg/kg)		No Exceedances						
Total Metals (mg/kg)								
Aluminum, Total	---	8900	6100	14000	12000	9400	7600	6900
Antimony, Total	5	0.68 J	0.52 J	0.55 J	0.49 J	0.49 J	0.54 J	ND
Arsenic, Total	11.3 / 13.0	8.5	4.5	5.7	7.2	8.3	7 J	12
Barium, Total	1500	34	27	86 B	59 B	32 B	29 B	20 B
Beryllium, Total	22	0.73	0.49	1	0.92	0.77	0.59	0.7
Cadmium, Total	5.2	ND	ND	0.22 J	0.31 J	0.26 J	ND	0.41 J
Calcium, Total	---	69000 B	83000 B	5900 J	26000 J	69000 B	64000 B	72000 B
Chromium, Total	21	15	12	19	17	15	14	12
Cobalt, Total	20	13	7.1	12	12	11	6.6 J	13
Copper, Total	2900	26	15	25	29	26	21	41
Iron, Total	15000 / 15900	19000	12000	19000	17000	18000	17000	19000
Lead, Total	107	14	11	16	16	13	12	16
Magnesium, Total	325000	35000 B	36000 B	3900 J	19000 J	32000	40000	26000
Manganese, Total	630 / 636	420 B	220 B	410	420	410	450	310
Mercury, Total	0.89	0.021	0.017 J	0.041	0.029	0.026	0.028	0.035
Nickel, Total	100	31	16	28	24	29	27	26
Potassium, Total	---	2500	1600	1200	1800	2500	1900 J	1900
Selenium, Total	1.3	ND	ND	ND	ND	ND	ND	0.83 J
Silver, Total	4.4	ND	ND	0.5 J	0.51 J	0.47 J	0.34 J	0.47 J
Sodium, Total	---	190	300	1700	1200	540	740	170
Thallium, Total	2.6	ND	ND	ND	ND	ND	ND	ND
Vanadium, Total	550	17	13	27	23	18	15	14
Zinc, Total	5100	49	31	69 J	91 J	53 J	39 J	54 J
TCLP Metals (mg/l)								
Arsenic, TCLP	0.05	0.012 J	ND	ND	ND	ND	ND	ND
Barium, TCLP	2	0.63	0.59	0.36 J	0.37 J	0.4 J	0.23 J	0.39 J
Beryllium, TCLP	0.004	ND	ND	ND	ND	ND	ND	ND
Cadmium, TCLP	0.005	ND	ND	0.003 J	0.0025 J	0.0021 J	ND	0.0028 J
Chromium, TCLP	0.1	ND	ND	ND	ND	ND	ND	ND
Cobalt, TCLP	1	0.024 J	0.01 J	0.042	0.059	0.053	0.018 J	0.027
Copper, TCLP	0.65	0.011 J	0.018 J	ND	ND	0.12	ND	ND
Iron, TCLP	5	ND	2.8	ND	ND	ND	ND	ND
Lead, TCLP	0.0075	ND	ND	ND	ND	0.0085	ND	ND
Manganese, TCLP	0.15	2.3	3	6.5	7	4.7	3.5	2.3
Mercury, TCLP	0.002	ND	ND	ND	ND	ND	ND	ND
Nickel, TCLP	0.1	0.051	0.014 J	0.059	0.086	0.07	0.037	0.039
Selenium, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND
Silver, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND
Zinc, TCLP	5	ND	ND	0.026 J	0.022 J	0.065 J	ND	0.026 J
SPLP Metals (mg/l)								
Arsenic, SPLP	0.05	ND	ND	0.08	0.086	0.026 J	0.09	ND
Barium, SPLP	2	ND	ND	0.46 J	0.5	0.13 J	0.3 J	ND
Beryllium, SPLP	0.004	ND	ND	0.009	0.0097	ND	0.0063	ND
Cadmium, SPLP	0.005	ND	ND	ND	ND	ND	ND	ND
Chromium, SPLP	0.1	ND	ND	0.17	0.18	0.055	0.12	ND
Cobalt, SPLP	1	ND	ND	0.056	0.063	0.022 J	0.029	ND
Copper, SPLP	0.65	ND	ND	0.2	0.22	0.063	0.19	ND
Iron, SPLP	5	1.2	2.7	190	200	48	130	1
Lead, SPLP	0.0075	ND	ND	0.082	0.088	0.026	0.063	ND
Manganese, SPLP	0.15	0.033	0.028	0.7	0.84	0.3	0.51	0.03
Mercury, SPLP	0.002	ND	ND	ND	ND	ND	ND	ND
Nickel, SPLP	0.1	ND	ND	0.2	0.22	0.064	0.11	ND
Selenium, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND
Silver, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND
Zinc, SPLP	5	ND	ND	0.67 J	0.62 J	0.14 J	0.3 J	ND

Summary Table - ROW (ISGS Site: 3799V-2)
FAP 342 - IL 53: From IL 68 (Dundee Road) to W. Lake Cook Road
Palatine and Arlington Heights, Cook County, Illinois

Location	Soil Reference Concentrations (MAC Table)	ROW-7	ROW-8	ROW-8	ROW-8	ROW-10	ROW-10	ROW-10
Sample Date		ROW-7(6.5-13)	ROW-8(0-6.5)	ROW-8(13-20)	ROW-8(6.5-13)	ROW-10(0-6.5)	ROW-10(13-20)-071923	ROW-10(6.5-13)-071923
Field Sample ID		071923	071923	071923	071923	071923	071923	071923
ISGS Site No.		7/19/2023	7/19/2023	7/19/2023	7/19/2023	7/19/2023	7/19/2023	7/19/2023
ISGS Site No.		3799V-2	3799V-2	3799V-2	3799V-2	3799V-2	3799V-2	3799V-2
Laboratory pH	<6.25; >9.0	8.1	7.8	7.7	7.6	7.7	7.5	7.5
VOCs (mg/kg)		No Exceedances						
SVOCs (mg/kg)		No Exceedances						
Total Metals (mg/kg)								
Aluminum, Total	---	8600	14000	6200	9000	17000	10000	11000
Antimony, Total	5	0.51 J	0.6 J	0.74 J	0.55 J	0.69 J	0.4 J	0.51 J
Arsenic, Total	11.3 / 13.0	6.1	8.1	12	6.4	12	12	8.2
Barium, Total	1500	33 B	79 B	19 B	43 B	62 B	37 B	44 B
Beryllium, Total	22	0.73	0.98	0.6	0.67	1.1	0.78	0.82
Cadmium, Total	5.2	0.2 J	0.43 J	0.42 J	0.24 J	ND	0.22 J	ND
Calcium, Total	---	61000 B	6700 B	56000 B	36000 B	61000 B	64000 B	1.00E+05 B
Chromium, Total	21	14	21	11	15	24	16	16
Cobalt, Total	20	10	11	9.5	9.2	18	11	12
Copper, Total	2900	30	23	32	21	34	23	27
Iron, Total	15000 / 15900	20000	40000	19000	18000	21000	17000	22000
Lead, Total	107	15	27	18	14	15	13	14
Magnesium, Total	325000	29000	5000	42000	40000	5600	32000	31000
Manganese, Total	630 / 636	410	630	380	470	440	370	760
Mercury, Total	0.89	0.028	0.041	0.032	0.035	0.044	0.028	0.033
Nickel, Total	100	32	31	29	22	33	31	28
Potassium, Total	---	2400	1600	1800	2000	2200	2600	2200
Selenium, Total	1.3	ND	ND	ND	ND	0.69 J	ND	ND
Silver, Total	4.4	0.35 J	0.57 J	0.43 J	0.31 J	0.75	0.38 J	0.48 J
Sodium, Total	---	570	1800	160	500	1400	400	250
Thallium, Total	2.6	ND	ND	ND	ND	0.67 J	ND	ND
Vanadium, Total	550	17	29	14	17	29	19	20
Zinc, Total	5100	57 J	65 J	89 J	53 J	58 J	47 J	47 J
TCLP Metals (mg/l)								
Arsenic, TCLP	0.05	ND	0.011 J	ND	ND	ND	ND	0.012 J
Barium, TCLP	2	0.62	0.33 J	0.67	0.33 J	0.33 J	1.1	0.49 J
Beryllium, TCLP	0.004	ND	ND	ND	ND	ND	ND	ND
Cadmium, TCLP	0.005	ND	ND	ND	ND	ND	ND	ND
Chromium, TCLP	0.1	ND	ND	ND	ND	ND	ND	ND
Cobalt, TCLP	1	0.024 J	0.029	0.02 J	0.012 J	0.025	ND	0.015 J
Copper, TCLP	0.65	ND	ND	ND	ND	ND	ND	ND
Iron, TCLP	5	ND	ND	ND	ND	ND	0.24 J	ND
Lead, TCLP	0.0075	ND	ND	ND	ND	ND	ND	ND
Manganese, TCLP	0.15	2.2	16	2.4	3.9	4.3	3.5	6.6
Mercury, TCLP	0.002	ND	ND	ND	ND	ND	ND	ND
Nickel, TCLP	0.1	0.05	0.015 J	0.037	0.012 J	0.023 J	0.01 J	ND
Selenium, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND
Silver, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND
Zinc, TCLP	5	ND	0.029 J	ND	ND	ND	ND	ND
SPLP Metals (mg/l)								
Arsenic, SPLP	0.05	ND	0.049 J	ND	0.039 J	0.11	ND	ND
Barium, SPLP	2	ND	0.63	ND	0.22 J	0.5	0.066 J	ND
Beryllium, SPLP	0.004	ND	0.007	ND	ND	0.0099	ND	ND
Cadmium, SPLP	0.005	ND	ND	ND	ND	ND	ND	ND
Chromium, SPLP	0.1	ND	0.16	ND	0.079	0.17	ND	ND
Cobalt, SPLP	1	ND	0.057	ND	0.034	0.094	ND	ND
Copper, SPLP	0.65	ND	0.13	ND	0.094	0.29	ND	ND
Iron, SPLP	5	1.1	160	0.72	74	210	5.8	1.4
Lead, SPLP	0.0075	ND	0.074	ND	0.04	0.13	ND	ND
Manganese, SPLP	0.15	0.033	1.8	0.039	0.81	1.6	0.13	0.054
Mercury, SPLP	0.002	ND	ND	ND	ND	ND	ND	ND
Nickel, SPLP	0.1	ND	0.13	ND	0.097	0.27	ND	ND
Selenium, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND
Silver, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND
Zinc, SPLP	5	ND	0.43 J	ND	0.23 J	0.51 J	ND	ND

Summary Table - ROW (ISGS Site: 3799V-2)
FAP 342 - IL 53: From IL 68 (Dundee Road) to W. Lake Cook Road
Palatine and Arlington Heights, Cook County, Illinois

Location	Soil Reference Concentrations (MAC Table)	ROW-13	ROW-13	ROW-13	ROW-14	ROW-14	ROW-14	ROW-15
Sample Date		ROW-13(0-6.5)-072023	ROW-13(13-20)-072023	ROW-13(6.5-13)-072023	ROW-14(0-6.5)-072023	ROW-14(13-20)-072023	ROW-14(6.5-13)-072023	ROW-15(0-6.5)-072023
Field Sample ID		7/20/2023	7/20/2023	7/20/2023	7/20/2023	7/20/2023	7/20/2023	7/20/2023
ISGS Site No.		3799V-2	3799V-2	3799V-2	3799V-2	3799V-2	3799V-2	3799V-2
Laboratory pH	<6.25; >9.0	8.9	7.6	7.3	8.4	7.8	8.9	8.4 J
VOCs (mg/kg)		No Exceedances						
SVOCs (mg/kg)		No Exceedances						
Total Metals (mg/kg)								
Aluminum, Total	---	11000	9700	9800	2000	8200	3900	7300
Antimony, Total	5	0.55 J	0.48 J	0.39 J	0.21 J	0.28 J	0.3 J	0.36 J
Arsenic, Total	11.3 / 13.0	7	8.5	6.4	4	6.8	4.9	7.3
Barium, Total	1500	31	33	26	9.5	37	32	61 J
Beryllium, Total	22	0.8	0.76	0.76	0.22	0.65	0.38	0.53
Cadmium, Total	5.2	0.25 J	0.26 J	0.21 J	0.13 J	0.2 J	0.2 J	0.3 J
Calcium, Total	---	56000 B	67000 B	75000 B	1.50E+05 B	78000 B	73000 B	1.10E+05 B
Chromium, Total	21	15	14	15	4.7	12	6.8	11
Cobalt, Total	20	13	13	13	3.1	12	5.1	7.7
Copper, Total	2900	26	28	28	9.6	23	18	21
Iron, Total	15000 / 15900	19000	18000	18000	9900	21000	11000	17000
Lead, Total	107	16	14	14	5.5	13	8.4	20 J
Magnesium, Total	325000	26000 B	31000 B	35000 B	83000 B	41000 B	31000 B	54000 B
Manganese, Total	630 / 636	430 B	390 B	450 B	250 B	450 B	290 B	390 B
Mercury, Total	0.89	0.027 J	0.033 J	0.033 J	0.031 J	0.024 J	0.026 J	ND
Nickel, Total	100	32	32	32	7.3	26	14	18
Potassium, Total	---	2600	2900	2800	590	2400	1000	1400
Selenium, Total	1.3	0.37 J	0.52 J	ND	ND	ND	ND	ND
Silver, Total	4.4	0.33	0.32	0.35	0.12 J	0.3	0.24 J	0.22 J
Sodium, Total	---	2200	190	650	440	210	380	1000
Thallium, Total	2.6	ND	ND	ND	ND	ND	ND	ND
Vanadium, Total	550	19	17	18	12	15	11	19
Zinc, Total	5100	58	56	62	19	49	52	48
TCLP Metals (mg/l)								
Arsenic, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND
Barium, TCLP	2	0.29 J	0.61	0.23 J	0.24 J	0.67	0.47 J	0.24 J
Beryllium, TCLP	0.004	ND	ND	ND	ND	ND	ND	ND
Cadmium, TCLP	0.005	ND	ND	0.0022 J	0.0025 J	ND	ND	ND
Chromium, TCLP	0.1	ND	ND	ND	ND	ND	ND	ND
Cobalt, TCLP	1	0.011 J	0.029	ND	ND	0.026	0.019 J	ND
Copper, TCLP	0.65	ND	ND	ND	ND	ND	ND	ND
Iron, TCLP	5	0.28 J	0.25 J	0.21 J	ND	ND	ND	ND
Lead, TCLP	0.0075	ND	ND	ND	0.059	ND	ND	ND
Manganese, TCLP	0.15	4.8	2.2	3	0.88	2.7	2	0.54 J
Mercury, TCLP	0.002	ND	ND	ND	ND	ND	ND	ND
Nickel, TCLP	0.1	0.01 J	0.058	ND	ND	0.039	0.031	ND
Selenium, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND
Silver, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND
Zinc, TCLP	5	ND	ND	ND	ND	ND	ND	ND
SPLP Metals (mg/l)								
Arsenic, SPLP	0.05	0.12	0.015 J	0.029 J	0.034 J	ND	ND	0.016 J
Barium, SPLP	2	0.57	0.22 J	0.28 J	0.3 J	ND	ND	0.071 J
Beryllium, SPLP	0.004	0.01	ND	0.0059	ND	ND	ND	ND
Cadmium, SPLP	0.005	0.002 J	ND	ND	ND	ND	ND	ND
Chromium, SPLP	0.1	0.19	0.064	0.12	0.093	ND	ND	0.026 J
Cobalt, SPLP	1	0.12	0.03	0.057	0.021 J	ND	ND	ND
Copper, SPLP	0.65	0.3	0.067	0.16	0.084	ND	ND	0.029 J
Iron, SPLP	5	11	11	12	7.1	0.76	ND	3 J
Lead, SPLP	0.0075	0.14	0.023	0.083	0.1	ND	ND	0.029 J
Manganese, SPLP	0.15	2.7	0.44	0.67	0.47	0.029	ND	0.17 J
Mercury, SPLP	0.002	ND	ND	ND	ND	ND	ND	ND
Nickel, SPLP	0.1	0.31	0.071	0.14	0.076	ND	ND	0.021 J
Selenium, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND
Silver, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND
Zinc, SPLP	5	0.58	0.12 J	0.52	0.27 J	ND	0.21 J	0.35 J

Summary Table - ROW (ISGS Site: 3799V-2)
FAP 342 - IL 53: From IL 68 (Dundee Road) to W. Lake Cook Road
Palatine and Arlington Heights, Cook County, Illinois

Location	Soil Reference Concentrations (MAC Table)	ROW-15	ROW-15	ROW-15	ROW-16	ROW-16	ROW-16	ROW-17
Sample Date		ROW-15(0-6.5)-072023D	ROW-15(13-20)-072023	ROW-15(6.5-13)-072023	ROW-16(0-6.5)-072023	ROW-16(13-20)-072023	ROW-16(6.5-13)-072023	ROW-17(0-6.5)-072023
Field Sample ID		7/20/2023	7/20/2023	7/20/2023	7/20/2023	7/20/2023	7/20/2023	7/20/2023
ISGS Site No.		3799V-2	3799V-2	3799V-2	3799V-2	3799V-2	3799V-2	3799V-2
Laboratory pH	<6.25; >9.0	8.7 J	7.9	7.8	8.6	7.9	7.9	8.5
VOCs (mg/kg)		No Exceedances						
SVOCs (mg/kg)		No Exceedances						
Total Metals (mg/kg)								
Aluminum, Total	---	8400	8900	7600	9600	10000	9400	15000 J
Antimony, Total	5	0.36 J	0.38 J	0.5 J	0.4 J	0.51 J	0.55 J	ND
Arsenic, Total	11.3 / 13.0	6.4	8.4	13	6.5	6.2	8.7	7.2 J
Barium, Total	1500	170 J	30	33	30	41	36	81 J
Beryllium, Total	22	0.58	0.7	0.66	0.72	0.75	0.75	0.98 J
Cadmium, Total	5.2	0.21 J	0.15 J	0.26 J	0.3 J	0.16 J	0.18 J	0.2 J
Calcium, Total	---	68000 B	66000 B	81000 B	64000 B	72000 B	76000 B	8200 J
Chromium, Total	21	13	13	12	15	15	16	20 J
Cobalt, Total	20	7.4	16	12	9.6	11	12	13
Copper, Total	2900	20	24	24	27	22	26	25
Iron, Total	15000 / 15900	18000	18000	26000	17000	17000	26000	21000
Lead, Total	107	44 J	13	13	14	11	14	19 J
Magnesium, Total	325000	38000 B	30000 B	40000 B	28000 B	29000 B	40000 B	6600 J
Manganese, Total	630 / 636	360 B	460 B	490 B	400 B	360 B	400 B	490 J
Mercury, Total	0.89	ND	0.022 J	0.022 J	0.024 J	0.021 J	0.024 J	0.014 J
Nickel, Total	100	18	29	25	28	29	29	31
Potassium, Total	---	1500	2600	2100	2500	3000	2900	2000 J
Selenium, Total	1.3	ND	ND	0.43 J	ND	ND	0.6	0.46 J
Silver, Total	4.4	0.14 J	0.38	0.37	0.2 J	0.23 J	0.25 J	0.27 J
Sodium, Total	---	1400	220	370	600	170	160	1800 J
Thallium, Total	2.6	ND	ND	ND	ND	ND	ND	ND
Vanadium, Total	550	17	16	15	17	18	17	26 J
Zinc, Total	5100	61	47	48	64	51	48	72 J
TCLP Metals (mg/l)								
Arsenic, TCLP	0.05	ND	0.013 J	0.011 J	ND	0.014 J	ND	ND
Barium, TCLP	2	0.34 J	0.42 J	0.41 J	0.31 J	0.64	0.47 J	0.42 J
Beryllium, TCLP	0.004	ND	ND	ND	ND	ND	ND	ND
Cadmium, TCLP	0.005	ND	ND	ND	0.0043 J	ND	ND	ND
Chromium, TCLP	0.1	ND	ND	ND	ND	ND	ND	ND
Cobalt, TCLP	1	ND	0.024 J	0.013 J	0.027	0.019 J	0.027	0.013 J
Copper, TCLP	0.65	ND	ND	ND	ND	ND	ND	ND
Iron, TCLP	5	ND	ND	ND	ND	ND	ND	ND
Lead, TCLP	0.0075	ND	ND	ND	ND	ND	ND	ND
Manganese, TCLP	0.15	0.31 J	2.6	2.1	3.9	2	2.1	2 J
Mercury, TCLP	0.002	ND	ND	ND	ND	ND	ND	ND
Nickel, TCLP	0.1	ND	0.039	0.021 J	0.031	0.044	0.066	0.022 J
Selenium, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND
Silver, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND
Zinc, TCLP	5	ND	ND	ND	ND	ND	ND	ND
SPLP Metals (mg/l)								
Arsenic, SPLP	0.05	0.038 J	ND	ND	0.065	ND	ND	0.09
Barium, SPLP	2	0.27 J	0.055 J	ND	0.24 J	0.052 J	ND	0.47 J
Beryllium, SPLP	0.004	ND	ND	ND	0.0053	ND	ND	0.009
Cadmium, SPLP	0.005	ND	ND	ND	ND	ND	ND	ND
Chromium, SPLP	0.1	0.08 J	0.011 J	ND	0.099	ND	ND	0.15
Cobalt, SPLP	1	0.026	ND	ND	0.031	ND	ND	0.062
Copper, SPLP	0.65	0.095 J	ND	ND	0.14	ND	ND	0.21
Iron, SPLP	5	6.7 J	2.3	0.97	8.6	4.1	1.2	200
Lead, SPLP	0.0075	0.081 J	ND	ND	0.059	ND	ND	0.12
Manganese, SPLP	0.15	0.49 J	0.066	0.022 J	0.4	0.046	0.043	0.87
Mercury, SPLP	0.002	ND	ND	ND	ND	ND	ND	ND
Nickel, SPLP	0.1	0.078 J	ND	ND	0.13	ND	ND	0.21
Selenium, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND
Silver, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND
Zinc, SPLP	5	0.32 J	ND	0.022 J	0.37 J	ND	ND	0.5 J

Summary Table - ROW (ISGS Site: 3799V-2)
FAP 342 - IL 53: From IL 68 (Dundee Road) to W. Lake Cook Road
Palatine and Arlington Heights, Cook County, Illinois

Location	Soil Reference Concentrations (MAC Table)	ROW-17	ROW-17	ROW-17	ROW-18	ROW-18	ROW-18	ROW-20
Sample Date		ROW-17(0-6.5)-072023D	ROW-17(13-20)-072023	ROW-17(6.5-13)-072023	ROW-18(0-6.5)-072023	ROW-18(13-20)-072023	ROW-18(6.5-13)-072023	ROW-20(0-6.5)-072023
Field Sample ID		7/20/2023	7/20/2023	7/20/2023	7/20/2023	7/20/2023	7/20/2023	7/20/2023
ISGS Site No.		3799V-2	3799V-2	3799V-2	3799V-2	3799V-2	3799V-2	3799V-2
Laboratory pH	<6.25; >9.0	8.8	7.9	7.8	8.4	7.6	7.5	7.5
VOCs (mg/kg)		No Exceedances						
SVOCs (mg/kg)		No Exceedances						
Total Metals (mg/kg)								
Aluminum, Total	---	11000	11000	9900	11000	9200	9600	13000
Antimony, Total	5	ND	ND	ND	ND	ND	ND	ND
Arsenic, Total	11.3 / 13.0	7.9	7.3	7.5	4.2	8.6	4.9	5.3
Barium, Total	1500	48 J	42 B	34 B	30 B	31 B	35 B	98 B
Beryllium, Total	22	0.79 J	0.81 J	0.78 J	0.78 J	0.76 J	0.77 J	0.89 J
Cadmium, Total	5.2	0.2 J	0.18 J	0.2 J	0.16 J	0.2 J	1 B	0.33 J
Calcium, Total	---	53000 J	64000	64000	50000	60000	57000	5100
Chromium, Total	21	15	15	16	15	13	14	17
Cobalt, Total	20	13	12	13	8	13	12	9.5
Copper, Total	2900	25	23	26	22	26	29	25
Iron, Total	15000 / 15900	19000	18000	18000	17000	19000	18000	16000
Lead, Total	107	15	12	13	12	13	13	21
Magnesium, Total	325000	27000 J	30000	33000	29000	28000	31000	3500
Manganese, Total	630 / 636	420 B	370 B	400 B	360 B	380 B	400 B	250 B
Mercury, Total	0.89	0.012 J	ND	ND	ND	0.013 J	ND	0.021
Nickel, Total	100	30	30	31	25	30	31	25
Potassium, Total	---	2400	3100	2900	2800	2600	2800	2000
Selenium, Total	1.3	ND	0.37 J	0.54 J	0.39 J	ND	0.39 J	0.89
Silver, Total	4.4	0.17 J	0.12 J	0.079 J	0.078 J	ND	0.085 J	ND
Sodium, Total	---	790 J	210	180	1200	170	400	3200
Thallium, Total	2.6	ND	ND	ND	ND	ND	ND	ND
Vanadium, Total	550	19	19	17	17	16	16	22
Zinc, Total	5100	58	53	57	54	67	200	67
TCLP Metals (mg/l)								
Arsenic, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND
Barium, TCLP	2	0.44 J	0.67	0.64	0.23 J	0.61	0.68	0.28 J
Beryllium, TCLP	0.004	ND	ND	ND	ND	ND	ND	ND
Cadmium, TCLP	0.005	0.002 J	ND	ND	ND	ND	ND	ND
Chromium, TCLP	0.1	ND	ND	ND	ND	ND	ND	ND
Cobalt, TCLP	1	0.07 J	0.033	0.027	ND	0.027	ND	ND
Copper, TCLP	0.65	ND	0.037	0.017 J	ND	ND	ND	ND
Iron, TCLP	5	ND	0.36 J	ND	ND	ND	0.33 J	0.35 J
Lead, TCLP	0.0075	ND	ND	ND	ND	ND	ND	ND
Manganese, TCLP	0.15	6.2 J	4.1	1.9	0.76	2	2.6	2.9
Mercury, TCLP	0.002	ND	ND	ND	ND	ND	ND	ND
Nickel, TCLP	0.1	0.056	0.054	0.063	ND	0.055	ND	ND
Selenium, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND
Silver, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND
Zinc, TCLP	5	ND	ND	ND	ND	ND	ND	ND
SPLP Metals (mg/l)								
Arsenic, SPLP	0.05	0.079	ND	ND	0.078	ND	0.025 J	0.037 J
Barium, SPLP	2	0.53	0.073 J	ND	0.4 J	ND	0.22 J	0.63
Beryllium, SPLP	0.004	0.009	ND	ND	0.01	ND	0.0044	0.0063
Cadmium, SPLP	0.005	ND	ND	ND	ND	ND	ND	ND
Chromium, SPLP	0.1	0.16	0.01 J	ND	0.18	ND	0.075	0.13
Cobalt, SPLP	1	0.056	ND	ND	0.058	ND	0.044	0.042
Copper, SPLP	0.65	0.2	ND	ND	0.23	ND	0.12	0.16
Iron, SPLP	5	190	7	0.94	210	0.71	78	130
Lead, SPLP	0.0075	0.094	ND	ND	0.13	ND	0.054	0.091
Manganese, SPLP	0.15	0.87	0.073	0.031	0.88	0.025	0.51	1.3
Mercury, SPLP	0.002	ND	ND	ND	ND	ND	ND	ND
Nickel, SPLP	0.1	0.2	ND	ND	0.22	ND	0.11	0.12 J
Selenium, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND
Silver, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND
Zinc, SPLP	5	0.51 J	ND	ND	0.55 J	ND	ND	ND

Summary Table - ROW (ISGS Site: 3799V-2)
FAP 342 - IL 53: From IL 68 (Dundee Road) to W. Lake Cook Road
Palatine and Arlington Heights, Cook County, Illinois

Location	Soil Reference Concentrations (MAC Table)	ROW-20	ROW-20	ROW-20	ROW-21	ROW-21	ROW-21	ROW-22
Sample Date		ROW-20(0-6.5)-072023D	ROW-20(13-20)-072023	ROW-20(6.5-13)-072023	ROW-21(0-6.5)-072023	ROW-21(13-20)-072023	ROW-21(6.5-13)-072023	ROW-22(0-6.5)-072123
Field Sample ID		7/20/2023	7/20/2023	7/20/2023	7/20/2023	7/20/2023	7/20/2023	7/21/2023
ISGS Site No.		3799V-2	3799V-2	3799V-2	3799V-2	3799V-2	3799V-2	3799V-2
Laboratory pH	<6.25; >9.0	7.6	7.3	7.5	7.8	7.6	7.6	8.2
VOCs (mg/kg)		No Exceedances						
SVOCs (mg/kg)		No Exceedances						
Total Metals (mg/kg)								
Aluminum, Total	---	14000	9300	10000	16000	11000	9400	9500
Antimony, Total	5	ND	ND	ND	ND	ND	ND	0.66 J
Arsenic, Total	11.3 / 13.0	5.8	8	1.5	5	8.7	8.4	6.4
Barium, Total	1500	97 B	34 B	31 B	110 B	39 B	10 B	31
Beryllium, Total	22	0.89 J	0.77 J	0.71 J	0.95 J	0.87 J	0.74 J	0.82
Cadmium, Total	5.2	0.32 J	0.43 J	0.19 J	0.16 J	0.17 J	0.18 J	0.21
Calcium, Total	---	5200	59000	10000	4100	49000	14000	52000 B
Chromium, Total	21	17	14	15	19	16	14	16
Cobalt, Total	20	9.3	12	10	11	14	14	9.3
Copper, Total	2900	23	32	25	20	25	25	25
Iron, Total	15000 / 15900	16000	20000	11000	18000	19000	4000	19000 B
Lead, Total	107	22	26	13	16	13	14	14
Magnesium, Total	325000	3700	32000	28000	3600	25000	7500	31000 B
Manganese, Total	630 / 636	290 B	470 B	290 B	230 B	350 B	500 B	350 B
Mercury, Total	0.89	0.022	0.011 J	ND	0.016 J	0.011 J	0.0094 J	0.017 J
Nickel, Total	100	24	33	30	25	33	33	27
Potassium, Total	---	2100	2600	2800	1500	3400	2700	2600
Selenium, Total	1.3	0.88	0.39 J	0.42 J	0.77	0.36 J	0.45 J	ND
Silver, Total	4.4	0.16 J	0.17 J	0.083 J	0.13 J	0.11 J	0.072 J	ND
Sodium, Total	---	3300	310	900	3400	190	730	1100
Thallium, Total	2.6	ND	ND	0.39 J	ND	ND	0.35 J	0.58 J
Vanadium, Total	550	24	16	18	33	18	17	18
Zinc, Total	5100	71	59	60	61	51	47	53
TCLP Metals (mg/l)								
Arsenic, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND
Barium, TCLP	2	0.29 J	0.43 J	0.38 J	0.28 J	0.73	0.92	0.28 J
Beryllium, TCLP	0.004	ND	ND	ND	ND	ND	ND	ND
Cadmium, TCLP	0.005	ND	ND	0.0032 J	ND	ND	ND	0.0038 J
Chromium, TCLP	0.1	ND	ND	ND	ND	ND	ND	ND
Cobalt, TCLP	1	ND	0.01 J	ND	0.01 J	0.032	0.051	0.033
Copper, TCLP	0.65	ND	ND	ND	ND	ND	0.013 J	ND
Iron, TCLP	5	0.51	0.25 J	ND	0.37 J	ND	ND	ND
Lead, TCLP	0.0075	ND	ND	ND	ND	ND	ND	ND
Manganese, TCLP	0.15	2.3	3.1	1.3	3.3	2.8	2	3.6
Mercury, TCLP	0.002	ND	ND	ND	ND	ND	ND	ND
Nickel, TCLP	0.1	ND	ND	ND	ND	0.063	0.11	0.025
Selenium, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND
Silver, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND
Zinc, TCLP	5	ND	ND	ND	ND	ND	ND	ND
SPLP Metals (mg/l)								
Arsenic, SPLP	0.05	0.07 J	ND	0.043 J	0.026 J	ND	0.018 J	0.097
Barium, SPLP	2	0.83	0.058 J	0.33 J	0.49 J	0.057 J	0.39 J	0.42 J
Beryllium, SPLP	0.004	0.01	ND	0.0067	0.0043	ND	0.0056	0.0092
Cadmium, SPLP	0.005	ND	ND	ND	ND	ND	ND	ND
Chromium, SPLP	0.1	0.19	0.014 J	0.13	0.092	ND	0.1	0.16
Cobalt, SPLP	1	0.072	ND	0.073	0.024 J	ND	0.046	0.064
Copper, SPLP	0.65	0.23	0.02 J	0.17	0.087	ND	0.071	0.24
Iron, SPLP	5	210	13	92	91	1.1	59	190
Lead, SPLP	0.0075	0.13	0.0081	0.096	0.065	ND	0.038	0.09
Manganese, SPLP	0.15	1.8	0.12	0.47	1.2	0.042	0.62	0.68
Mercury, SPLP	0.002	ND	ND	ND	ND	ND	ND	ND
Nickel, SPLP	0.1	0.21 J	0.013 J	0.17	0.07	ND	0.11	0.23
Selenium, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND
Silver, SPLP	0.05	0.011 J	ND	ND	ND	ND	ND	0.01 J
Zinc, SPLP	5	0.5 J	ND	ND	ND	ND	ND	0.49 J

Summary Table - ROW (ISGS Site: 3799V-2)
FAP 342 - IL 53: From IL 68 (Dundee Road) to W. Lake Cook Road
Palatine and Arlington Heights, Cook County, Illinois

Location	Soil Reference Concentrations (MAC Table)	ROW-22	ROW-22	ROW-22
Sample Date		ROW-22(0-6.5)-072123D	ROW-22(13-20)-072123	ROW-22(6.5-13)-072123
Field Sample ID		7/21/2023	7/21/2023	7/21/2023
ISGS Site No.		3799V-2	3799V-2	3799V-2
Laboratory pH	<6.25; >9.0	8.1	7.8	7.5
VOCs (mg/kg)		No Exceedances		
SVOCs (mg/kg)		No Exceedances		
Total Metals (mg/kg)				
Aluminum, Total	---	9800	10000	8000
Antimony, Total	5	0.44 J	0.47 J	ND
Arsenic, Total	11.3 / 13.0	8.8	6.7	6.1
Barium, Total	1500	33	40	27
Beryllium, Total	22	0.84	0.82	0.7
Cadmium, Total	5.2	0.22	0.18 J	0.19 J
Calcium, Total	---	46000 B	50000 B	57000 B
Chromium, Total	21	16	16	14
Cobalt, Total	20	15	12	11
Copper, Total	2900	28	23	23
Iron, Total	15000 / 15900	20000 B	19000 B	17000 B
Lead, Total	107	16	14	16
Magnesium, Total	325000	28000 B	28000 B	31000 B
Manganese, Total	630 / 636	400 B	370 B	420 B
Mercury, Total	0.89	0.017 J	0.018	0.017 J
Nickel, Total	100	33	32	28
Potassium, Total	---	2600	3000	2300
Selenium, Total	1.3	ND	ND	ND
Silver, Total	4.4	ND	ND	ND
Sodium, Total	---	1100	190	400
Thallium, Total	2.6	0.56 J	ND	ND
Vanadium, Total	550	18	19	15
Zinc, Total	5100	61	49	45
TCLP Metals (mg/l)				
Arsenic, TCLP	0.05	ND	ND	ND
Barium, TCLP	2	0.28 J	0.18 J	0.4 J
Beryllium, TCLP	0.004	ND	ND	ND
Cadmium, TCLP	0.005	0.004 J	0.002 J	0.002 J
Chromium, TCLP	0.1	ND	ND	ND
Cobalt, TCLP	1	0.033	ND	0.021 J
Copper, TCLP	0.65	ND	ND	0.011 J
Iron, TCLP	5	ND	ND	ND
Lead, TCLP	0.0075	ND	ND	ND
Manganese, TCLP	0.15	3.9	1.8	2
Mercury, TCLP	0.002	ND	ND	ND
Nickel, TCLP	0.1	0.038	0.015 J	0.054
Selenium, TCLP	0.05	ND	ND	ND
Silver, TCLP	0.05	ND	ND	ND
Zinc, TCLP	5	0.02 J	ND	ND
SPLP Metals (mg/l)				
Arsenic, SPLP	0.05	0.087	ND	ND
Barium, SPLP	2	0.41 J	ND	ND
Beryllium, SPLP	0.004	0.0085	ND	ND
Cadmium, SPLP	0.005	ND	ND	ND
Chromium, SPLP	0.1	0.15	ND	ND
Cobalt, SPLP	1	0.053	ND	ND
Copper, SPLP	0.65	0.23	ND	ND
Iron, SPLP	5	170	3.6	4
Lead, SPLP	0.0075	0.081	ND	ND
Manganese, SPLP	0.15	0.62	0.043	0.061
Mercury, SPLP	0.002	ND	ND	ND
Nickel, SPLP	0.1	0.2	ND	ND
Selenium, SPLP	0.05	ND	ND	ND
Silver, SPLP	0.05	ND	ND	ND
Zinc, SPLP	5	0.46 J	ND	ND

Notes:

- - not applicable or value not available.
- Reference concentrations from MAC Table include background values for Chicago corporate limits and MSA counties, as applicable.
- ND - Constituent not detected above the reporting limit.
- B - Compound was found in the blank and the investigative sample.
- J - Estimated concentration.
- Shaded values indicate concentration **exceeds** MAC Table Reference Concentration.

 **ANALYTICAL REPORT****PREPARED FOR**

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

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JOB DESCRIPTION

IDOT - FAP 342 IL 53 - WO 056

JOB NUMBER

500-237024-1

Eurofins Chicago

Job Notes

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Authorization



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Authorized for release by
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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-17(0-6.5)-072023

Lab Sample ID: 500-237024-1

Date Collected: 07/20/23 13:45

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 86.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018		0.018	0.0081	mg/Kg	☆	07/21/23 18:05	07/25/23 23:38	1
Benzene	<0.0018		0.0018	0.00047	mg/Kg	☆	07/21/23 18:05	07/25/23 23:38	1
Bromodichloromethane	<0.0018		0.0018	0.00038	mg/Kg	☆	07/21/23 18:05	07/25/23 23:38	1
Bromoform	<0.0018		0.0018	0.00054	mg/Kg	☆	07/21/23 18:05	07/25/23 23:38	1
Bromomethane	<0.0046		0.0046	0.0017	mg/Kg	☆	07/21/23 18:05	07/25/23 23:38	1
Carbon disulfide	<0.0046		0.0046	0.00096	mg/Kg	☆	07/21/23 18:05	07/25/23 23:38	1
Carbon tetrachloride	<0.0018		0.0018	0.00054	mg/Kg	☆	07/21/23 18:05	07/25/23 23:38	1
Chlorobenzene	<0.0018		0.0018	0.00068	mg/Kg	☆	07/21/23 18:05	07/25/23 23:38	1
Chloroethane	<0.0046		0.0046	0.0014	mg/Kg	☆	07/21/23 18:05	07/25/23 23:38	1
Chloroform	<0.0018		0.0018	0.00064	mg/Kg	☆	07/21/23 18:05	07/25/23 23:38	1
Chloromethane	<0.0046		0.0046	0.0019	mg/Kg	☆	07/21/23 18:05	07/25/23 23:38	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00052	mg/Kg	☆	07/21/23 18:05	07/25/23 23:38	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00056	mg/Kg	☆	07/21/23 18:05	07/25/23 23:38	1
Dibromochloromethane	<0.0018		0.0018	0.00060	mg/Kg	☆	07/21/23 18:05	07/25/23 23:38	1
1,1-Dichloroethane	<0.0018		0.0018	0.00063	mg/Kg	☆	07/21/23 18:05	07/25/23 23:38	1
1,2-Dichloroethane	<0.0046		0.0046	0.0014	mg/Kg	☆	07/21/23 18:05	07/25/23 23:38	1
1,1-Dichloroethene	<0.0018		0.0018	0.00064	mg/Kg	☆	07/21/23 18:05	07/25/23 23:38	1
1,2-Dichloropropane	<0.0018		0.0018	0.00048	mg/Kg	☆	07/21/23 18:05	07/25/23 23:38	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00065	mg/Kg	☆	07/21/23 18:05	07/25/23 23:38	1
Ethylbenzene	<0.0018		0.0018	0.00088	mg/Kg	☆	07/21/23 18:05	07/25/23 23:38	1
2-Hexanone	<0.0046		0.0046	0.0014	mg/Kg	☆	07/21/23 18:05	07/25/23 23:38	1
Methylene Chloride	<0.0046		0.0046	0.0018	mg/Kg	☆	07/21/23 18:05	07/25/23 23:38	1
Methyl Ethyl Ketone	<0.0046		0.0046	0.0021	mg/Kg	☆	07/21/23 18:05	07/25/23 23:38	1
methyl isobutyl ketone	<0.0046		0.0046	0.0014	mg/Kg	☆	07/21/23 18:05	07/25/23 23:38	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00054	mg/Kg	☆	07/21/23 18:05	07/25/23 23:38	1
Styrene	<0.0018		0.0018	0.00056	mg/Kg	☆	07/21/23 18:05	07/25/23 23:38	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00059	mg/Kg	☆	07/21/23 18:05	07/25/23 23:38	1
Tetrachloroethene	<0.0018		0.0018	0.00063	mg/Kg	☆	07/21/23 18:05	07/25/23 23:38	1
Toluene	<0.0018		0.0018	0.00047	mg/Kg	☆	07/21/23 18:05	07/25/23 23:38	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00082	mg/Kg	☆	07/21/23 18:05	07/25/23 23:38	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00065	mg/Kg	☆	07/21/23 18:05	07/25/23 23:38	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00062	mg/Kg	☆	07/21/23 18:05	07/25/23 23:38	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00079	mg/Kg	☆	07/21/23 18:05	07/25/23 23:38	1
Trichloroethene	<0.0018		0.0018	0.00062	mg/Kg	☆	07/21/23 18:05	07/25/23 23:38	1
Vinyl chloride	<0.0018		0.0018	0.00082	mg/Kg	☆	07/21/23 18:05	07/25/23 23:38	1
Xylenes, Total	<0.0037		0.0037	0.00059	mg/Kg	☆	07/21/23 18:05	07/25/23 23:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		75 - 131	07/21/23 18:05	07/25/23 23:38	1
Dibromofluoromethane (Surr)	116		75 - 126	07/21/23 18:05	07/25/23 23:38	1
1,2-Dichloroethane-d4 (Surr)	131		70 - 134	07/21/23 18:05	07/25/23 23:38	1
Toluene-d8 (Surr)	117		75 - 124	07/21/23 18:05	07/25/23 23:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	☆	07/25/23 13:07	07/26/23 17:10	1
1,2-Dichlorobenzene	<0.19		0.19	0.044	mg/Kg	☆	07/25/23 13:07	07/26/23 17:10	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☆	07/25/23 13:07	07/26/23 17:10	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	☆	07/25/23 13:07	07/26/23 17:10	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	☆	07/25/23 13:07	07/26/23 17:10	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-17(0-6.5)-072023

Lab Sample ID: 500-237024-1

Date Collected: 07/20/23 13:45

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 86.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.085	mg/Kg	☼	07/25/23 13:07	07/26/23 17:10	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	☼	07/25/23 13:07	07/26/23 17:10	1
2,4-Dichlorophenol	<0.37		0.37	0.088	mg/Kg	☼	07/25/23 13:07	07/26/23 17:10	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	☼	07/25/23 13:07	07/26/23 17:10	1
2,4-Dinitrophenol	<0.75		0.75	0.66	mg/Kg	☼	07/25/23 13:07	07/26/23 17:10	1
2,4-Dinitrotoluene	<0.19		0.19	0.059	mg/Kg	☼	07/25/23 13:07	07/26/23 17:10	1
2,6-Dinitrotoluene	<0.19		0.19	0.073	mg/Kg	☼	07/25/23 13:07	07/26/23 17:10	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	☼	07/25/23 13:07	07/26/23 17:10	1
2-Chlorophenol	<0.19		0.19	0.064	mg/Kg	☼	07/25/23 13:07	07/26/23 17:10	1
2-Methylnaphthalene	<0.075		0.075	0.0068	mg/Kg	☼	07/25/23 13:07	07/26/23 17:10	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	☼	07/25/23 13:07	07/26/23 17:10	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	☼	07/25/23 13:07	07/26/23 17:10	1
2-Nitrophenol	<0.37		0.37	0.088	mg/Kg	☼	07/25/23 13:07	07/26/23 17:10	1
3 & 4 Methylphenol	<0.19		0.19	0.062	mg/Kg	☼	07/25/23 13:07	07/26/23 17:10	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.052	mg/Kg	☼	07/25/23 13:07	07/26/23 17:10	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	☼	07/25/23 13:07	07/26/23 17:10	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.30	mg/Kg	☼	07/25/23 13:07	07/26/23 17:10	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	☼	07/25/23 13:07	07/26/23 17:10	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	☼	07/25/23 13:07	07/26/23 17:10	1
4-Chloroaniline	<0.75		0.75	0.17	mg/Kg	☼	07/25/23 13:07	07/26/23 17:10	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.043	mg/Kg	☼	07/25/23 13:07	07/26/23 17:10	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	☼	07/25/23 13:07	07/26/23 17:10	1
4-Nitrophenol	<0.75		0.75	0.35	mg/Kg	☼	07/25/23 13:07	07/26/23 17:10	1
Acenaphthene	<0.037		0.037	0.0067	mg/Kg	☼	07/25/23 13:07	07/26/23 17:10	1
Acenaphthylene	<0.037		0.037	0.0049	mg/Kg	☼	07/25/23 13:07	07/26/23 17:10	1
Anthracene	<0.037		0.037	0.0062	mg/Kg	☼	07/25/23 13:07	07/26/23 17:10	1
Benzo[a]anthracene	0.019	J	0.037	0.0050	mg/Kg	☼	07/25/23 13:07	07/26/23 17:10	1
Benzo[a]pyrene	0.021	J	0.037	0.0072	mg/Kg	☼	07/25/23 13:07	07/26/23 17:10	1
Benzo[b]fluoranthene	0.035	J	0.037	0.0080	mg/Kg	☼	07/25/23 13:07	07/26/23 17:10	1
Benzo[g,h,i]perylene	0.025	J	0.037	0.012	mg/Kg	☼	07/25/23 13:07	07/26/23 17:10	1
Benzo[k]fluoranthene	<0.037		0.037	0.011	mg/Kg	☼	07/25/23 13:07	07/26/23 17:10	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	☼	07/25/23 13:07	07/26/23 17:10	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	☼	07/25/23 13:07	07/26/23 17:10	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.068	mg/Kg	☼	07/25/23 13:07	07/26/23 17:10	1
Butyl benzyl phthalate	<0.19	*	0.19	0.071	mg/Kg	☼	07/25/23 13:07	07/26/23 17:10	1
Carbazole	<0.19		0.19	0.093	mg/Kg	☼	07/25/23 13:07	07/26/23 17:10	1
Chrysene	0.026	J	0.037	0.010	mg/Kg	☼	07/25/23 13:07	07/26/23 17:10	1
Dibenz(a,h)anthracene	<0.037		0.037	0.0072	mg/Kg	☼	07/25/23 13:07	07/26/23 17:10	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	☼	07/25/23 13:07	07/26/23 17:10	1
Diethyl phthalate	<0.19		0.19	0.063	mg/Kg	☼	07/25/23 13:07	07/26/23 17:10	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	☼	07/25/23 13:07	07/26/23 17:10	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	☼	07/25/23 13:07	07/26/23 17:10	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	☼	07/25/23 13:07	07/26/23 17:10	1
Fluoranthene	0.033	J	0.037	0.0069	mg/Kg	☼	07/25/23 13:07	07/26/23 17:10	1
Fluorene	<0.037		0.037	0.0052	mg/Kg	☼	07/25/23 13:07	07/26/23 17:10	1
Hexachlorobenzene	<0.075		0.075	0.0086	mg/Kg	☼	07/25/23 13:07	07/26/23 17:10	1
Hexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	☼	07/25/23 13:07	07/26/23 17:10	1
Hexachlorocyclopentadiene	<0.75		0.75	0.21	mg/Kg	☼	07/25/23 13:07	07/26/23 17:10	1
Hexachloroethane	<0.19	*	0.19	0.057	mg/Kg	☼	07/25/23 13:07	07/26/23 17:10	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-17(0-6.5)-072023

Lab Sample ID: 500-237024-1

Date Collected: 07/20/23 13:45

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 86.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.018	J	0.037	0.0096	mg/Kg	✳	07/25/23 13:07	07/26/23 17:10	1
Isophorone	<0.19		0.19	0.042	mg/Kg	✳	07/25/23 13:07	07/26/23 17:10	1
Naphthalene	<0.037		0.037	0.0057	mg/Kg	✳	07/25/23 13:07	07/26/23 17:10	1
Nitrobenzene	<0.037		0.037	0.0093	mg/Kg	✳	07/25/23 13:07	07/26/23 17:10	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.046	mg/Kg	✳	07/25/23 13:07	07/26/23 17:10	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	✳	07/25/23 13:07	07/26/23 17:10	1
Pentachlorophenol	<0.75		0.75	0.60	mg/Kg	✳	07/25/23 13:07	07/26/23 17:10	1
Phenanthrene	<0.037		0.037	0.0052	mg/Kg	✳	07/25/23 13:07	07/26/23 17:10	1
Phenol	<0.19		0.19	0.083	mg/Kg	✳	07/25/23 13:07	07/26/23 17:10	1
Pyrene	0.027	J	0.037	0.0074	mg/Kg	✳	07/25/23 13:07	07/26/23 17:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	66		31 - 166	07/25/23 13:07	07/26/23 17:10	1
Phenol-d5 (Surr)	73		30 - 153	07/25/23 13:07	07/26/23 17:10	1
Nitrobenzene-d5 (Surr)	65		37 - 147	07/25/23 13:07	07/26/23 17:10	1
2-Fluorobiphenyl (Surr)	62		43 - 145	07/25/23 13:07	07/26/23 17:10	1
2,4,6-Tribromophenol (Surr)	64		31 - 143	07/25/23 13:07	07/26/23 17:10	1
Terphenyl-d14 (Surr)	71		42 - 157	07/25/23 13:07	07/26/23 17:10	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	15000		11	4.5	mg/Kg	✳	07/24/23 09:42	07/25/23 21:59	1
Antimony	0.54	J B F1	1.1	0.22	mg/Kg	✳	07/24/23 09:42	07/25/23 21:59	1
Arsenic	7.2		0.55	0.19	mg/Kg	✳	07/24/23 09:42	07/25/23 21:59	1
Barium	81	B F1	0.55	0.063	mg/Kg	✳	07/24/23 09:42	07/25/23 21:59	1
Beryllium	0.98	B	0.22	0.052	mg/Kg	✳	07/24/23 09:42	07/25/23 21:59	1
Cadmium	0.20	B	0.11	0.020	mg/Kg	✳	07/24/23 09:42	07/25/23 21:59	1
Calcium	8200	F2	11	1.9	mg/Kg	✳	07/24/23 09:42	07/25/23 21:59	1
Chromium	20	F1	0.55	0.27	mg/Kg	✳	07/24/23 09:42	07/25/23 21:59	1
Cobalt	13		0.28	0.072	mg/Kg	✳	07/24/23 09:42	07/25/23 21:59	1
Copper	25		0.55	0.15	mg/Kg	✳	07/24/23 09:42	07/25/23 21:59	1
Iron	21000		11	5.8	mg/Kg	✳	07/24/23 09:42	07/25/23 21:59	1
Lead	19	F1	0.28	0.13	mg/Kg	✳	07/24/23 09:42	07/25/23 21:59	1
Magnesium	6600		5.5	2.7	mg/Kg	✳	07/24/23 09:42	07/25/23 21:59	1
Manganese	490	B F2	0.55	0.080	mg/Kg	✳	07/24/23 09:42	07/25/23 21:59	1
Nickel	31		0.55	0.16	mg/Kg	✳	07/24/23 09:42	07/25/23 21:59	1
Potassium	2000	F1	28	9.8	mg/Kg	✳	07/24/23 09:42	07/25/23 21:59	1
Selenium	0.46	J F1	0.55	0.33	mg/Kg	✳	07/24/23 09:42	07/25/23 21:59	1
Silver	0.27	J	0.28	0.071	mg/Kg	✳	07/24/23 09:42	07/25/23 21:59	1
Sodium	1800	F1	55	8.2	mg/Kg	✳	07/24/23 09:42	07/25/23 21:59	1
Thallium	<0.55		0.55	0.28	mg/Kg	✳	07/24/23 09:42	07/25/23 21:59	1
Vanadium	26	F1	0.28	0.065	mg/Kg	✳	07/24/23 09:42	07/25/23 21:59	1
Zinc	72	F1	1.1	0.49	mg/Kg	✳	07/24/23 09:42	07/25/23 21:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/26/23 16:51	07/27/23 21:38	1
Barium	0.42	J	0.50	0.050	mg/L		07/26/23 16:51	07/27/23 21:38	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/26/23 16:51	07/27/23 21:38	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/26/23 16:51	07/27/23 21:38	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-17(0-6.5)-072023

Lab Sample ID: 500-237024-1

Date Collected: 07/20/23 13:45

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 86.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 21:38	1
Cobalt	0.013	J	0.025	0.010	mg/L		07/26/23 16:51	07/27/23 21:38	1
Copper	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 21:38	1
Iron	<0.40		0.40	0.20	mg/L		07/26/23 16:51	07/27/23 21:38	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/26/23 16:51	07/27/23 21:38	1
Manganese	2.0		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 21:38	1
Nickel	0.022	J	0.025	0.010	mg/L		07/26/23 16:51	07/27/23 21:38	1
Selenium	<0.050	^1+	0.050	0.020	mg/L		07/26/23 16:51	07/27/23 21:38	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 21:38	1
Zinc	<0.50		0.50	0.020	mg/L		07/26/23 16:51	07/27/23 21:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.090		0.050	0.010	mg/L		07/26/23 16:52	07/27/23 17:49	1
Barium	0.47	J	0.50	0.050	mg/L		07/26/23 16:52	07/27/23 17:49	1
Beryllium	0.0090		0.0040	0.0040	mg/L		07/26/23 16:52	07/27/23 17:49	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/26/23 16:52	07/27/23 17:49	1
Chromium	0.15		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 17:49	1
Cobalt	0.062		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 17:49	1
Copper	0.21		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 17:49	1
Iron	200		0.40	0.20	mg/L		07/26/23 16:52	07/27/23 17:49	1
Lead	0.12		0.0075	0.0075	mg/L		07/26/23 16:52	07/27/23 17:49	1
Manganese	0.87		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 17:49	1
Nickel	0.21		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 17:49	1
Selenium	<0.050		0.050	0.020	mg/L		07/26/23 16:52	07/27/23 17:49	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 17:49	1
Zinc	0.49	J B	0.50	0.020	mg/L		07/26/23 16:52	07/27/23 17:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/31/23 12:20	08/01/23 08:45	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.014	J	0.019	0.010	mg/Kg	☆	07/31/23 16:50	08/01/23 08:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.5		0.2	0.2	SU			07/26/23 21:10	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-17(0-6.5)-072023D

Lab Sample ID: 500-237024-2

Date Collected: 07/20/23 13:45

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 86.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018	*+ *1	0.018	0.0078	mg/Kg	☼	07/21/23 18:05	07/26/23 17:35	1
Benzene	<0.0018		0.0018	0.00046	mg/Kg	☼	07/21/23 18:05	07/26/23 17:35	1
Bromodichloromethane	<0.0018		0.0018	0.00036	mg/Kg	☼	07/21/23 18:05	07/26/23 17:35	1
Bromoform	<0.0018		0.0018	0.00052	mg/Kg	☼	07/21/23 18:05	07/26/23 17:35	1
Bromomethane	<0.0045	*+	0.0045	0.0017	mg/Kg	☼	07/21/23 18:05	07/26/23 17:35	1
Carbon disulfide	<0.0045		0.0045	0.00093	mg/Kg	☼	07/21/23 18:05	07/26/23 17:35	1
Carbon tetrachloride	<0.0018		0.0018	0.00052	mg/Kg	☼	07/21/23 18:05	07/26/23 17:35	1
Chlorobenzene	<0.0018		0.0018	0.00066	mg/Kg	☼	07/21/23 18:05	07/26/23 17:35	1
Chloroethane	<0.0045	*+	0.0045	0.0013	mg/Kg	☼	07/21/23 18:05	07/26/23 17:35	1
Chloroform	<0.0018		0.0018	0.00062	mg/Kg	☼	07/21/23 18:05	07/26/23 17:35	1
Chloromethane	<0.0045	*+	0.0045	0.0018	mg/Kg	☼	07/21/23 18:05	07/26/23 17:35	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00050	mg/Kg	☼	07/21/23 18:05	07/26/23 17:35	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00054	mg/Kg	☼	07/21/23 18:05	07/26/23 17:35	1
Dibromochloromethane	<0.0018		0.0018	0.00058	mg/Kg	☼	07/21/23 18:05	07/26/23 17:35	1
1,1-Dichloroethane	<0.0018		0.0018	0.00061	mg/Kg	☼	07/21/23 18:05	07/26/23 17:35	1
1,2-Dichloroethane	<0.0045		0.0045	0.0014	mg/Kg	☼	07/21/23 18:05	07/26/23 17:35	1
1,1-Dichloroethene	<0.0018	*+	0.0018	0.00061	mg/Kg	☼	07/21/23 18:05	07/26/23 17:35	1
1,2-Dichloropropane	<0.0018		0.0018	0.00046	mg/Kg	☼	07/21/23 18:05	07/26/23 17:35	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00063	mg/Kg	☼	07/21/23 18:05	07/26/23 17:35	1
Ethylbenzene	<0.0018		0.0018	0.00085	mg/Kg	☼	07/21/23 18:05	07/26/23 17:35	1
2-Hexanone	<0.0045		0.0045	0.0014	mg/Kg	☼	07/21/23 18:05	07/26/23 17:35	1
Methylene Chloride	<0.0045		0.0045	0.0018	mg/Kg	☼	07/21/23 18:05	07/26/23 17:35	1
Methyl Ethyl Ketone	<0.0045		0.0045	0.0020	mg/Kg	☼	07/21/23 18:05	07/26/23 17:35	1
methyl isobutyl ketone	<0.0045		0.0045	0.0013	mg/Kg	☼	07/21/23 18:05	07/26/23 17:35	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00052	mg/Kg	☼	07/21/23 18:05	07/26/23 17:35	1
Styrene	<0.0018		0.0018	0.00054	mg/Kg	☼	07/21/23 18:05	07/26/23 17:35	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00057	mg/Kg	☼	07/21/23 18:05	07/26/23 17:35	1
Tetrachloroethene	<0.0018		0.0018	0.00061	mg/Kg	☼	07/21/23 18:05	07/26/23 17:35	1
Toluene	<0.0018		0.0018	0.00045	mg/Kg	☼	07/21/23 18:05	07/26/23 17:35	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00079	mg/Kg	☼	07/21/23 18:05	07/26/23 17:35	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00063	mg/Kg	☼	07/21/23 18:05	07/26/23 17:35	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00060	mg/Kg	☼	07/21/23 18:05	07/26/23 17:35	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00077	mg/Kg	☼	07/21/23 18:05	07/26/23 17:35	1
Trichloroethene	<0.0018		0.0018	0.00060	mg/Kg	☼	07/21/23 18:05	07/26/23 17:35	1
Vinyl chloride	<0.0018	*+	0.0018	0.00079	mg/Kg	☼	07/21/23 18:05	07/26/23 17:35	1
Xylenes, Total	<0.0036		0.0036	0.00057	mg/Kg	☼	07/21/23 18:05	07/26/23 17:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		75 - 131	07/21/23 18:05	07/26/23 17:35	1
Dibromofluoromethane (Surr)	104		75 - 126	07/21/23 18:05	07/26/23 17:35	1
1,2-Dichloroethane-d4 (Surr)	106		70 - 134	07/21/23 18:05	07/26/23 17:35	1
Toluene-d8 (Surr)	92		75 - 124	07/21/23 18:05	07/26/23 17:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	☼	07/25/23 13:07	07/31/23 21:12	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	☼	07/25/23 13:07	07/31/23 21:12	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	07/25/23 13:07	07/31/23 21:12	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	☼	07/25/23 13:07	07/31/23 21:12	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	☼	07/25/23 13:07	07/31/23 21:12	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-17(0-6.5)-072023D

Lab Sample ID: 500-237024-2

Date Collected: 07/20/23 13:45

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 86.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.086	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
2,4-Dichlorophenol	<0.37		0.37	0.089	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
2,4-Dinitrophenol	<0.76		0.76	0.66	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
2,4-Dinitrotoluene	<0.19		0.19	0.060	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
2,6-Dinitrotoluene	<0.19		0.19	0.074	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
2-Chlorophenol	<0.19		0.19	0.064	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
2-Methylnaphthalene	<0.076		0.076	0.0069	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
2-Nitrophenol	<0.37		0.37	0.089	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
3 & 4 Methylphenol	<0.19		0.19	0.063	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.053	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.30	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
4-Chloroaniline	<0.76		0.76	0.18	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
4-Nitrophenol	<0.76		0.76	0.36	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
Acenaphthene	<0.037		0.037	0.0068	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
Acenaphthylene	<0.037		0.037	0.0050	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
Anthracene	<0.037		0.037	0.0063	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
Benzo[a]anthracene	0.041		0.037	0.0051	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
Benzo[a]pyrene	0.071		0.037	0.0073	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
Benzo[b]fluoranthene	0.10		0.037	0.0081	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
Benzo[g,h,i]perylene	0.066		0.037	0.012	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
Benzo[k]fluoranthene	0.027 J		0.037	0.011	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.069	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
Butyl benzyl phthalate	<0.19	*	0.19	0.072	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
Carbazole	<0.19		0.19	0.094	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
Chrysene	0.057		0.037	0.010	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
Dibenz(a,h)anthracene	0.026 J		0.037	0.0073	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
Diethyl phthalate	<0.19		0.19	0.064	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
Fluoranthene	0.082		0.037	0.0070	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
Fluorene	<0.037		0.037	0.0053	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
Hexachlorobenzene	<0.076		0.076	0.0087	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
Hexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
Hexachlorocyclopentadiene	<0.76		0.76	0.22	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
Hexachloroethane	<0.19	*	0.19	0.057	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-17(0-6.5)-072023D

Lab Sample ID: 500-237024-2

Date Collected: 07/20/23 13:45

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 86.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.088		0.037	0.0098	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
Isophorone	<0.19		0.19	0.042	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
Naphthalene	<0.037		0.037	0.0058	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
Nitrobenzene	<0.037		0.037	0.0094	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.046	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
Pentachlorophenol	<0.76		0.76	0.60	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
Phenanthrene	0.027	J	0.037	0.0052	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
Phenol	<0.19		0.19	0.084	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
Pyrene	0.075		0.037	0.0075	mg/Kg	✳	07/25/23 13:07	07/31/23 21:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	79		31 - 166				07/25/23 13:07	07/31/23 21:12	1
Phenol-d5 (Surr)	76		30 - 153				07/25/23 13:07	07/31/23 21:12	1
Nitrobenzene-d5 (Surr)	71		37 - 147				07/25/23 13:07	07/31/23 21:12	1
2-Fluorobiphenyl (Surr)	80		43 - 145				07/25/23 13:07	07/31/23 21:12	1
2,4,6-Tribromophenol (Surr)	107		31 - 143				07/25/23 13:07	07/31/23 21:12	1
Terphenyl-d14 (Surr)	107		42 - 157				07/25/23 13:07	07/31/23 21:12	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	11000		11	4.6	mg/Kg	✳	07/24/23 09:42	07/25/23 22:17	1
Antimony	0.37	J B	1.1	0.22	mg/Kg	✳	07/24/23 09:42	07/25/23 22:17	1
Arsenic	7.9		0.57	0.19	mg/Kg	✳	07/24/23 09:42	07/25/23 22:17	1
Barium	48	B	0.57	0.065	mg/Kg	✳	07/24/23 09:42	07/25/23 22:17	1
Beryllium	0.79	B	0.23	0.053	mg/Kg	✳	07/24/23 09:42	07/25/23 22:17	1
Cadmium	0.20	B	0.11	0.020	mg/Kg	✳	07/24/23 09:42	07/25/23 22:17	1
Calcium	53000		57	9.6	mg/Kg	✳	07/24/23 09:42	07/26/23 18:10	5
Chromium	15		0.57	0.28	mg/Kg	✳	07/24/23 09:42	07/25/23 22:17	1
Cobalt	13		0.28	0.074	mg/Kg	✳	07/24/23 09:42	07/25/23 22:17	1
Copper	25		0.57	0.16	mg/Kg	✳	07/24/23 09:42	07/25/23 22:17	1
Iron	19000		11	5.9	mg/Kg	✳	07/24/23 09:42	07/25/23 22:17	1
Lead	15		0.28	0.13	mg/Kg	✳	07/24/23 09:42	07/25/23 22:17	1
Magnesium	27000		5.7	2.8	mg/Kg	✳	07/24/23 09:42	07/25/23 22:17	1
Manganese	420	B	0.57	0.082	mg/Kg	✳	07/24/23 09:42	07/25/23 22:17	1
Nickel	30		0.57	0.17	mg/Kg	✳	07/24/23 09:42	07/25/23 22:17	1
Potassium	2400		28	10	mg/Kg	✳	07/24/23 09:42	07/25/23 22:17	1
Selenium	<0.57		0.57	0.33	mg/Kg	✳	07/24/23 09:42	07/25/23 22:17	1
Silver	0.17	J	0.28	0.073	mg/Kg	✳	07/24/23 09:42	07/25/23 22:17	1
Sodium	790		57	8.4	mg/Kg	✳	07/24/23 09:42	07/25/23 22:17	1
Thallium	<0.57		0.57	0.28	mg/Kg	✳	07/24/23 09:42	07/25/23 22:17	1
Vanadium	19		0.28	0.067	mg/Kg	✳	07/24/23 09:42	07/25/23 22:17	1
Zinc	58		1.1	0.50	mg/Kg	✳	07/24/23 09:42	07/25/23 22:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/26/23 16:51	07/27/23 23:07	1
Barium	0.44	J	0.50	0.050	mg/L		07/26/23 16:51	07/27/23 23:07	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/26/23 16:51	07/27/23 23:07	1
Cadmium	0.0020	J	0.0050	0.0020	mg/L		07/26/23 16:51	07/27/23 23:07	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-17(0-6.5)-072023D

Lab Sample ID: 500-237024-2

Date Collected: 07/20/23 13:45

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 86.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 23:07	1
Cobalt	0.070		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 23:07	1
Copper	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 23:07	1
Iron	<0.40		0.40	0.20	mg/L		07/26/23 16:51	07/27/23 23:07	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/26/23 16:51	07/27/23 23:07	1
Manganese	6.2		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 23:07	1
Nickel	0.056		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 23:07	1
Selenium	<0.050	^1+	0.050	0.020	mg/L		07/26/23 16:51	07/27/23 23:07	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 23:07	1
Zinc	0.036	J	0.50	0.020	mg/L		07/26/23 16:51	07/27/23 23:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.079		0.050	0.010	mg/L		07/26/23 16:52	07/27/23 17:52	1
Barium	0.53		0.50	0.050	mg/L		07/26/23 16:52	07/27/23 17:52	1
Beryllium	0.0090		0.0040	0.0040	mg/L		07/26/23 16:52	07/27/23 17:52	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/26/23 16:52	07/27/23 17:52	1
Chromium	0.16		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 17:52	1
Cobalt	0.056		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 17:52	1
Copper	0.20		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 17:52	1
Iron	190		0.40	0.20	mg/L		07/26/23 16:52	07/27/23 17:52	1
Lead	0.094		0.0075	0.0075	mg/L		07/26/23 16:52	07/27/23 17:52	1
Manganese	0.87		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 17:52	1
Nickel	0.20		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 17:52	1
Selenium	<0.050		0.050	0.020	mg/L		07/26/23 16:52	07/27/23 17:52	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 17:52	1
Zinc	0.51	B	0.50	0.020	mg/L		07/26/23 16:52	07/27/23 17:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/31/23 12:20	08/01/23 09:34	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.012	J	0.018	0.0096	mg/Kg	☆	07/31/23 16:50	08/01/23 09:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.8		0.2	0.2	SU			07/26/23 21:13	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-17(6.5-13)-072023

Lab Sample ID: 500-237024-3

Date Collected: 07/20/23 13:50

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 87.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018		0.018	0.0079	mg/Kg	☼	07/21/23 18:05	07/26/23 00:27	1
Benzene	<0.0018		0.0018	0.00046	mg/Kg	☼	07/21/23 18:05	07/26/23 00:27	1
Bromodichloromethane	<0.0018		0.0018	0.00037	mg/Kg	☼	07/21/23 18:05	07/26/23 00:27	1
Bromoform	<0.0018		0.0018	0.00053	mg/Kg	☼	07/21/23 18:05	07/26/23 00:27	1
Bromomethane	<0.0046		0.0046	0.0017	mg/Kg	☼	07/21/23 18:05	07/26/23 00:27	1
Carbon disulfide	<0.0046		0.0046	0.00095	mg/Kg	☼	07/21/23 18:05	07/26/23 00:27	1
Carbon tetrachloride	<0.0018		0.0018	0.00053	mg/Kg	☼	07/21/23 18:05	07/26/23 00:27	1
Chlorobenzene	<0.0018		0.0018	0.00067	mg/Kg	☼	07/21/23 18:05	07/26/23 00:27	1
Chloroethane	<0.0046		0.0046	0.0013	mg/Kg	☼	07/21/23 18:05	07/26/23 00:27	1
Chloroform	<0.0018		0.0018	0.00063	mg/Kg	☼	07/21/23 18:05	07/26/23 00:27	1
Chloromethane	<0.0046		0.0046	0.0018	mg/Kg	☼	07/21/23 18:05	07/26/23 00:27	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00051	mg/Kg	☼	07/21/23 18:05	07/26/23 00:27	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00055	mg/Kg	☼	07/21/23 18:05	07/26/23 00:27	1
Dibromochloromethane	<0.0018		0.0018	0.00060	mg/Kg	☼	07/21/23 18:05	07/26/23 00:27	1
1,1-Dichloroethane	<0.0018		0.0018	0.00062	mg/Kg	☼	07/21/23 18:05	07/26/23 00:27	1
1,2-Dichloroethane	<0.0046		0.0046	0.0014	mg/Kg	☼	07/21/23 18:05	07/26/23 00:27	1
1,1-Dichloroethene	<0.0018		0.0018	0.00063	mg/Kg	☼	07/21/23 18:05	07/26/23 00:27	1
1,2-Dichloropropane	<0.0018		0.0018	0.00047	mg/Kg	☼	07/21/23 18:05	07/26/23 00:27	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00064	mg/Kg	☼	07/21/23 18:05	07/26/23 00:27	1
Ethylbenzene	<0.0018		0.0018	0.00087	mg/Kg	☼	07/21/23 18:05	07/26/23 00:27	1
2-Hexanone	<0.0046		0.0046	0.0014	mg/Kg	☼	07/21/23 18:05	07/26/23 00:27	1
Methylene Chloride	<0.0046		0.0046	0.0018	mg/Kg	☼	07/21/23 18:05	07/26/23 00:27	1
Methyl Ethyl Ketone	<0.0046		0.0046	0.0020	mg/Kg	☼	07/21/23 18:05	07/26/23 00:27	1
methyl isobutyl ketone	<0.0046		0.0046	0.0013	mg/Kg	☼	07/21/23 18:05	07/26/23 00:27	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00053	mg/Kg	☼	07/21/23 18:05	07/26/23 00:27	1
Styrene	<0.0018		0.0018	0.00055	mg/Kg	☼	07/21/23 18:05	07/26/23 00:27	1
1,1,2,2-Tetrachloroethane	<0.0018	*3	0.0018	0.00058	mg/Kg	☼	07/21/23 18:05	07/26/23 00:27	1
Tetrachloroethene	<0.0018		0.0018	0.00062	mg/Kg	☼	07/21/23 18:05	07/26/23 00:27	1
Toluene	<0.0018		0.0018	0.00046	mg/Kg	☼	07/21/23 18:05	07/26/23 00:27	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00081	mg/Kg	☼	07/21/23 18:05	07/26/23 00:27	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00064	mg/Kg	☼	07/21/23 18:05	07/26/23 00:27	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00061	mg/Kg	☼	07/21/23 18:05	07/26/23 00:27	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00078	mg/Kg	☼	07/21/23 18:05	07/26/23 00:27	1
Trichloroethene	<0.0018		0.0018	0.00062	mg/Kg	☼	07/21/23 18:05	07/26/23 00:27	1
Vinyl chloride	<0.0018		0.0018	0.00081	mg/Kg	☼	07/21/23 18:05	07/26/23 00:27	1
Xylenes, Total	<0.0036		0.0036	0.00058	mg/Kg	☼	07/21/23 18:05	07/26/23 00:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	180	S1+ *3	75 - 131	07/21/23 18:05	07/26/23 00:27	1
Dibromofluoromethane (Surr)	120		75 - 126	07/21/23 18:05	07/26/23 00:27	1
1,2-Dichloroethane-d4 (Surr)	135	S1+	70 - 134	07/21/23 18:05	07/26/23 00:27	1
Toluene-d8 (Surr)	140	S1+	75 - 124	07/21/23 18:05	07/26/23 00:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-17(6.5-13)-072023

Lab Sample ID: 500-237024-3

Date Collected: 07/20/23 13:50

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 87.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.086	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
2,4-Dichlorophenol	<0.37		0.37	0.090	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
2,4-Dinitrophenol	<0.76		0.76	0.66	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
2,4-Dinitrotoluene	<0.19		0.19	0.060	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
2,6-Dinitrotoluene	<0.19		0.19	0.074	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
2-Chlorophenol	<0.19		0.19	0.064	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
2-Methylnaphthalene	<0.076		0.076	0.0069	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
2-Methylphenol	<0.19		0.19	0.061	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
2-Nitrophenol	<0.37		0.37	0.089	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
3 & 4 Methylphenol	<0.19		0.19	0.063	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.053	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.30	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
4-Chloroaniline	<0.76		0.76	0.18	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
4-Nitrophenol	<0.76		0.76	0.36	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
Acenaphthene	<0.037		0.037	0.0068	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
Acenaphthylene	<0.037		0.037	0.0050	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
Anthracene	<0.037		0.037	0.0063	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
Benzo[a]anthracene	<0.037		0.037	0.0051	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
Benzo[a]pyrene	<0.037		0.037	0.0073	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
Benzo[b]fluoranthene	<0.037		0.037	0.0081	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
Benzo[g,h,i]perylene	<0.037		0.037	0.012	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
Benzo[k]fluoranthene	<0.037		0.037	0.011	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.057	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.069	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
Butyl benzyl phthalate	<0.19	*	0.19	0.072	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
Carbazole	<0.19		0.19	0.094	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
Chrysene	<0.037		0.037	0.010	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
Dibenz(a,h)anthracene	<0.037		0.037	0.0073	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
Diethyl phthalate	<0.19		0.19	0.064	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
Di-n-octyl phthalate	<0.19		0.19	0.062	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
Fluoranthene	<0.037		0.037	0.0070	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
Fluorene	<0.037		0.037	0.0053	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
Hexachlorobenzene	<0.076		0.076	0.0087	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
Hexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
Hexachlorocyclopentadiene	<0.76		0.76	0.22	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
Hexachloroethane	<0.19	*	0.19	0.057	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-17(6.5-13)-072023

Lab Sample ID: 500-237024-3

Date Collected: 07/20/23 13:50

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 87.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.037		0.037	0.0098	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
Naphthalene	<0.037		0.037	0.0058	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
Nitrobenzene	<0.037		0.037	0.0094	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.046	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
Pentachlorophenol	<0.76		0.76	0.61	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
Phenanthrene	0.015	J	0.037	0.0053	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
Phenol	<0.19		0.19	0.084	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1
Pyrene	<0.037		0.037	0.0075	mg/Kg	☼	07/25/23 13:07	07/27/23 23:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	67		31 - 166	07/25/23 13:07	07/27/23 23:16	1
Phenol-d5 (Surr)	67		30 - 153	07/25/23 13:07	07/27/23 23:16	1
Nitrobenzene-d5 (Surr)	68		37 - 147	07/25/23 13:07	07/27/23 23:16	1
2-Fluorobiphenyl (Surr)	65		43 - 145	07/25/23 13:07	07/27/23 23:16	1
2,4,6-Tribromophenol (Surr)	38		31 - 143	07/25/23 13:07	07/27/23 23:16	1
Terphenyl-d14 (Surr)	75		42 - 157	07/25/23 13:07	07/27/23 23:16	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9900		11	4.6	mg/Kg	☼	07/24/23 09:42	07/25/23 22:21	1
Antimony	0.41	J B	1.1	0.22	mg/Kg	☼	07/24/23 09:42	07/25/23 22:21	1
Arsenic	7.5		0.56	0.19	mg/Kg	☼	07/24/23 09:42	07/25/23 22:21	1
Barium	34	B	0.56	0.064	mg/Kg	☼	07/24/23 09:42	07/25/23 22:21	1
Beryllium	0.78	B	0.23	0.053	mg/Kg	☼	07/24/23 09:42	07/25/23 22:21	1
Cadmium	0.20	B	0.11	0.020	mg/Kg	☼	07/24/23 09:42	07/25/23 22:21	1
Calcium	64000		56	9.6	mg/Kg	☼	07/24/23 09:42	07/26/23 18:13	5
Chromium	16		0.56	0.28	mg/Kg	☼	07/24/23 09:42	07/25/23 22:21	1
Cobalt	13		0.28	0.074	mg/Kg	☼	07/24/23 09:42	07/25/23 22:21	1
Copper	26		0.56	0.16	mg/Kg	☼	07/24/23 09:42	07/25/23 22:21	1
Iron	18000		11	5.9	mg/Kg	☼	07/24/23 09:42	07/25/23 22:21	1
Lead	13		0.28	0.13	mg/Kg	☼	07/24/23 09:42	07/25/23 22:21	1
Magnesium	33000		5.6	2.8	mg/Kg	☼	07/24/23 09:42	07/25/23 22:21	1
Manganese	400	B	0.56	0.082	mg/Kg	☼	07/24/23 09:42	07/25/23 22:21	1
Nickel	31		0.56	0.16	mg/Kg	☼	07/24/23 09:42	07/25/23 22:21	1
Potassium	2900		28	10	mg/Kg	☼	07/24/23 09:42	07/25/23 22:21	1
Selenium	0.54	J	0.56	0.33	mg/Kg	☼	07/24/23 09:42	07/25/23 22:21	1
Silver	0.079	J	0.28	0.073	mg/Kg	☼	07/24/23 09:42	07/25/23 22:21	1
Sodium	180		56	8.3	mg/Kg	☼	07/24/23 09:42	07/25/23 22:21	1
Thallium	<0.56		0.56	0.28	mg/Kg	☼	07/24/23 09:42	07/25/23 22:21	1
Vanadium	17		0.28	0.067	mg/Kg	☼	07/24/23 09:42	07/25/23 22:21	1
Zinc	57		1.1	0.50	mg/Kg	☼	07/24/23 09:42	07/25/23 22:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/26/23 16:51	07/27/23 21:41	1
Barium	0.64		0.50	0.050	mg/L		07/26/23 16:51	07/27/23 21:41	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/26/23 16:51	07/27/23 21:41	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/26/23 16:51	07/27/23 21:41	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-17(6.5-13)-072023

Lab Sample ID: 500-237024-3

Date Collected: 07/20/23 13:50

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 87.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 21:41	1
Cobalt	0.027		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 21:41	1
Copper	0.017	J	0.025	0.010	mg/L		07/26/23 16:51	07/27/23 21:41	1
Iron	<0.40		0.40	0.20	mg/L		07/26/23 16:51	07/27/23 21:41	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/26/23 16:51	07/27/23 21:41	1
Manganese	1.9		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 21:41	1
Nickel	0.063		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 21:41	1
Selenium	<0.050	^1+	0.050	0.020	mg/L		07/26/23 16:51	07/27/23 21:41	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 21:41	1
Zinc	<0.50		0.50	0.020	mg/L		07/26/23 16:51	07/27/23 21:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/26/23 16:52	07/27/23 18:02	1
Barium	<0.50		0.50	0.050	mg/L		07/26/23 16:52	07/27/23 18:02	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/26/23 16:52	07/27/23 18:02	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/26/23 16:52	07/27/23 18:02	1
Chromium	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:02	1
Cobalt	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:02	1
Copper	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:02	1
Iron	0.94		0.40	0.20	mg/L		07/26/23 16:52	07/27/23 18:02	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/26/23 16:52	07/27/23 18:02	1
Manganese	0.031		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:02	1
Nickel	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:02	1
Selenium	<0.050		0.050	0.020	mg/L		07/26/23 16:52	07/27/23 18:02	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:02	1
Zinc	<0.50		0.50	0.020	mg/L		07/26/23 16:52	07/27/23 18:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/31/23 12:20	08/01/23 08:48	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.018		0.018	0.0094	mg/Kg	☆	07/31/23 16:50	08/01/23 09:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.8		0.2	0.2	SU			07/26/23 21:15	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-17(13-20)-072023

Lab Sample ID: 500-237024-4

Date Collected: 07/20/23 13:55

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 87.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.019		0.019	0.0081	mg/Kg	☼	07/21/23 18:05	07/26/23 00:52	1
Benzene	<0.0019		0.0019	0.00047	mg/Kg	☼	07/21/23 18:05	07/26/23 00:52	1
Bromodichloromethane	<0.0019		0.0019	0.00038	mg/Kg	☼	07/21/23 18:05	07/26/23 00:52	1
Bromoform	<0.0019		0.0019	0.00054	mg/Kg	☼	07/21/23 18:05	07/26/23 00:52	1
Bromomethane	<0.0046		0.0046	0.0018	mg/Kg	☼	07/21/23 18:05	07/26/23 00:52	1
Carbon disulfide	<0.0046		0.0046	0.00097	mg/Kg	☼	07/21/23 18:05	07/26/23 00:52	1
Carbon tetrachloride	<0.0019		0.0019	0.00054	mg/Kg	☼	07/21/23 18:05	07/26/23 00:52	1
Chlorobenzene	<0.0019		0.0019	0.00068	mg/Kg	☼	07/21/23 18:05	07/26/23 00:52	1
Chloroethane	<0.0046		0.0046	0.0014	mg/Kg	☼	07/21/23 18:05	07/26/23 00:52	1
Chloroform	<0.0019		0.0019	0.00064	mg/Kg	☼	07/21/23 18:05	07/26/23 00:52	1
Chloromethane	<0.0046		0.0046	0.0019	mg/Kg	☼	07/21/23 18:05	07/26/23 00:52	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00052	mg/Kg	☼	07/21/23 18:05	07/26/23 00:52	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00056	mg/Kg	☼	07/21/23 18:05	07/26/23 00:52	1
Dibromochloromethane	<0.0019		0.0019	0.00061	mg/Kg	☼	07/21/23 18:05	07/26/23 00:52	1
1,1-Dichloroethane	<0.0019		0.0019	0.00064	mg/Kg	☼	07/21/23 18:05	07/26/23 00:52	1
1,2-Dichloroethane	<0.0046		0.0046	0.0014	mg/Kg	☼	07/21/23 18:05	07/26/23 00:52	1
1,1-Dichloroethene	<0.0019		0.0019	0.00064	mg/Kg	☼	07/21/23 18:05	07/26/23 00:52	1
1,2-Dichloropropane	<0.0019		0.0019	0.00048	mg/Kg	☼	07/21/23 18:05	07/26/23 00:52	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00065	mg/Kg	☼	07/21/23 18:05	07/26/23 00:52	1
Ethylbenzene	<0.0019		0.0019	0.00089	mg/Kg	☼	07/21/23 18:05	07/26/23 00:52	1
2-Hexanone	<0.0046		0.0046	0.0014	mg/Kg	☼	07/21/23 18:05	07/26/23 00:52	1
Methylene Chloride	<0.0046		0.0046	0.0018	mg/Kg	☼	07/21/23 18:05	07/26/23 00:52	1
Methyl Ethyl Ketone	<0.0046		0.0046	0.0021	mg/Kg	☼	07/21/23 18:05	07/26/23 00:52	1
methyl isobutyl ketone	<0.0046		0.0046	0.0014	mg/Kg	☼	07/21/23 18:05	07/26/23 00:52	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00054	mg/Kg	☼	07/21/23 18:05	07/26/23 00:52	1
Styrene	<0.0019		0.0019	0.00056	mg/Kg	☼	07/21/23 18:05	07/26/23 00:52	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00059	mg/Kg	☼	07/21/23 18:05	07/26/23 00:52	1
Tetrachloroethene	<0.0019		0.0019	0.00063	mg/Kg	☼	07/21/23 18:05	07/26/23 00:52	1
Toluene	<0.0019		0.0019	0.00047	mg/Kg	☼	07/21/23 18:05	07/26/23 00:52	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00082	mg/Kg	☼	07/21/23 18:05	07/26/23 00:52	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00065	mg/Kg	☼	07/21/23 18:05	07/26/23 00:52	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00062	mg/Kg	☼	07/21/23 18:05	07/26/23 00:52	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00080	mg/Kg	☼	07/21/23 18:05	07/26/23 00:52	1
Trichloroethene	<0.0019		0.0019	0.00063	mg/Kg	☼	07/21/23 18:05	07/26/23 00:52	1
Vinyl chloride	<0.0019		0.0019	0.00082	mg/Kg	☼	07/21/23 18:05	07/26/23 00:52	1
Xylenes, Total	<0.0037		0.0037	0.00059	mg/Kg	☼	07/21/23 18:05	07/26/23 00:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		75 - 131	07/21/23 18:05	07/26/23 00:52	1
Dibromofluoromethane (Surr)	115		75 - 126	07/21/23 18:05	07/26/23 00:52	1
1,2-Dichloroethane-d4 (Surr)	129		70 - 134	07/21/23 18:05	07/26/23 00:52	1
Toluene-d8 (Surr)	119		75 - 124	07/21/23 18:05	07/26/23 00:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-17(13-20)-072023

Lab Sample ID: 500-237024-4

Date Collected: 07/20/23 13:55

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 87.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.086	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
2,4-Dichlorophenol	<0.38		0.38	0.090	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
2,4-Dimethylphenol	<0.38		0.38	0.14	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
2,4-Dinitrophenol	<0.76		0.76	0.67	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
2,4-Dinitrotoluene	<0.19		0.19	0.060	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
2,6-Dinitrotoluene	<0.19		0.19	0.074	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
2-Chlorophenol	<0.19		0.19	0.065	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
2-Methylnaphthalene	<0.076		0.076	0.0070	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
2-Methylphenol	<0.19		0.19	0.061	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
2-Nitrophenol	<0.38		0.38	0.089	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
3 & 4 Methylphenol	<0.19		0.19	0.063	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.053	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.30	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
4-Chloroaniline	<0.76		0.76	0.18	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
4-Nitrophenol	<0.76		0.76	0.36	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
Acenaphthene	<0.038		0.038	0.0068	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
Acenaphthylene	<0.038		0.038	0.0050	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
Anthracene	<0.038		0.038	0.0063	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
Benzo[a]anthracene	<0.038		0.038	0.0051	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
Benzo[a]pyrene	<0.038		0.038	0.0073	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
Benzo[b]fluoranthene	<0.038		0.038	0.0082	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
Benzo[g,h,i]perylene	<0.038		0.038	0.012	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
Benzo[k]fluoranthene	<0.038		0.038	0.011	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.057	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.069	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
Butyl benzyl phthalate	<0.19	*	0.19	0.072	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
Carbazole	<0.19		0.19	0.094	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
Chrysene	<0.038		0.038	0.010	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
Dibenz(a,h)anthracene	<0.038		0.038	0.0073	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
Diethyl phthalate	<0.19		0.19	0.064	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
Di-n-butyl phthalate	<0.19		0.19	0.058	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
Di-n-octyl phthalate	<0.19		0.19	0.062	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
Fluoranthene	<0.038		0.038	0.0070	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
Fluorene	<0.038		0.038	0.0053	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
Hexachlorobenzene	<0.076		0.076	0.0088	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
Hexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
Hexachlorocyclopentadiene	<0.76		0.76	0.22	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1
Hexachloroethane	<0.19	*	0.19	0.057	mg/Kg	☼	07/25/23 13:07	07/26/23 15:55	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-17(13-20)-072023

Lab Sample ID: 500-237024-4

Date Collected: 07/20/23 13:55

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 87.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.038		0.038	0.0098	mg/Kg	✳	07/25/23 13:07	07/26/23 15:55	1
Isophorone	<0.19		0.19	0.042	mg/Kg	✳	07/25/23 13:07	07/26/23 15:55	1
Naphthalene	<0.038		0.038	0.0058	mg/Kg	✳	07/25/23 13:07	07/26/23 15:55	1
Nitrobenzene	<0.038		0.038	0.0094	mg/Kg	✳	07/25/23 13:07	07/26/23 15:55	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.046	mg/Kg	✳	07/25/23 13:07	07/26/23 15:55	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	✳	07/25/23 13:07	07/26/23 15:55	1
Pentachlorophenol	<0.76		0.76	0.61	mg/Kg	✳	07/25/23 13:07	07/26/23 15:55	1
Phenanthrene	<0.038		0.038	0.0053	mg/Kg	✳	07/25/23 13:07	07/26/23 15:55	1
Phenol	<0.19		0.19	0.084	mg/Kg	✳	07/25/23 13:07	07/26/23 15:55	1
Pyrene	<0.038		0.038	0.0075	mg/Kg	✳	07/25/23 13:07	07/26/23 15:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	59		31 - 166	07/25/23 13:07	07/26/23 15:55	1
Phenol-d5 (Surr)	66		30 - 153	07/25/23 13:07	07/26/23 15:55	1
Nitrobenzene-d5 (Surr)	60		37 - 147	07/25/23 13:07	07/26/23 15:55	1
2-Fluorobiphenyl (Surr)	61		43 - 145	07/25/23 13:07	07/26/23 15:55	1
2,4,6-Tribromophenol (Surr)	43		31 - 143	07/25/23 13:07	07/26/23 15:55	1
Terphenyl-d14 (Surr)	63		42 - 157	07/25/23 13:07	07/26/23 15:55	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	11000		11	4.5	mg/Kg	✳	07/24/23 09:42	07/25/23 22:24	1
Antimony	0.58	J B	1.1	0.22	mg/Kg	✳	07/24/23 09:42	07/25/23 22:24	1
Arsenic	7.3		0.55	0.19	mg/Kg	✳	07/24/23 09:42	07/25/23 22:24	1
Barium	42	B	0.55	0.063	mg/Kg	✳	07/24/23 09:42	07/25/23 22:24	1
Beryllium	0.81	B	0.22	0.052	mg/Kg	✳	07/24/23 09:42	07/25/23 22:24	1
Cadmium	0.18	B	0.11	0.020	mg/Kg	✳	07/24/23 09:42	07/25/23 22:24	1
Calcium	64000		55	9.4	mg/Kg	✳	07/24/23 09:42	07/26/23 18:17	5
Chromium	15		0.55	0.27	mg/Kg	✳	07/24/23 09:42	07/25/23 22:24	1
Cobalt	12		0.28	0.072	mg/Kg	✳	07/24/23 09:42	07/25/23 22:24	1
Copper	23		0.55	0.15	mg/Kg	✳	07/24/23 09:42	07/25/23 22:24	1
Iron	18000		11	5.7	mg/Kg	✳	07/24/23 09:42	07/25/23 22:24	1
Lead	12		0.28	0.13	mg/Kg	✳	07/24/23 09:42	07/25/23 22:24	1
Magnesium	30000		5.5	2.7	mg/Kg	✳	07/24/23 09:42	07/25/23 22:24	1
Manganese	370	B	0.55	0.080	mg/Kg	✳	07/24/23 09:42	07/25/23 22:24	1
Nickel	30		0.55	0.16	mg/Kg	✳	07/24/23 09:42	07/25/23 22:24	1
Potassium	3100		28	9.8	mg/Kg	✳	07/24/23 09:42	07/25/23 22:24	1
Selenium	0.37	J	0.55	0.33	mg/Kg	✳	07/24/23 09:42	07/25/23 22:24	1
Silver	0.12	J	0.28	0.071	mg/Kg	✳	07/24/23 09:42	07/25/23 22:24	1
Sodium	210		55	8.2	mg/Kg	✳	07/24/23 09:42	07/25/23 22:24	1
Thallium	<0.55		0.55	0.28	mg/Kg	✳	07/24/23 09:42	07/25/23 22:24	1
Vanadium	19		0.28	0.065	mg/Kg	✳	07/24/23 09:42	07/25/23 22:24	1
Zinc	53		1.1	0.49	mg/Kg	✳	07/24/23 09:42	07/25/23 22:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/26/23 16:51	07/27/23 23:11	1
Barium	0.67		0.50	0.050	mg/L		07/26/23 16:51	07/27/23 23:11	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/26/23 16:51	07/27/23 23:11	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/26/23 16:51	07/27/23 23:11	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-17(13-20)-072023

Lab Sample ID: 500-237024-4

Date Collected: 07/20/23 13:55

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 87.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 23:11	1
Cobalt	0.033		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 23:11	1
Copper	0.037		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 23:11	1
Iron	0.36	J	0.40	0.20	mg/L		07/26/23 16:51	07/27/23 23:11	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/26/23 16:51	07/27/23 23:11	1
Manganese	4.1		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 23:11	1
Nickel	0.054		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 23:11	1
Selenium	<0.050	^1+	0.050	0.020	mg/L		07/26/23 16:51	07/27/23 23:11	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 23:11	1
Zinc	0.028	J	0.50	0.020	mg/L		07/26/23 16:51	07/27/23 23:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/26/23 16:52	07/27/23 18:06	1
Barium	0.073	J	0.50	0.050	mg/L		07/26/23 16:52	07/27/23 18:06	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/26/23 16:52	07/27/23 18:06	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/26/23 16:52	07/27/23 18:06	1
Chromium	0.010	J	0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:06	1
Cobalt	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:06	1
Copper	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:06	1
Iron	7.0		0.40	0.20	mg/L		07/26/23 16:52	07/27/23 18:06	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/26/23 16:52	07/27/23 18:06	1
Manganese	0.073		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:06	1
Nickel	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:06	1
Selenium	<0.050		0.050	0.020	mg/L		07/26/23 16:52	07/27/23 18:06	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:06	1
Zinc	0.020	J B	0.50	0.020	mg/L		07/26/23 16:52	07/27/23 18:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/31/23 12:20	08/01/23 09:36	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.018		0.018	0.0097	mg/Kg	☆	07/31/23 16:50	08/01/23 09:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.9		0.2	0.2	SU			07/26/23 21:18	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-18(0-6.5)-072023

Lab Sample ID: 500-237024-5

Date Collected: 07/20/23 14:25

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 85.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.019		0.019	0.0084	mg/Kg	☆	07/21/23 18:05	07/26/23 01:16	1
Benzene	<0.0019		0.0019	0.00049	mg/Kg	☆	07/21/23 18:05	07/26/23 01:16	1
Bromodichloromethane	<0.0019		0.0019	0.00039	mg/Kg	☆	07/21/23 18:05	07/26/23 01:16	1
Bromoform	<0.0019		0.0019	0.00057	mg/Kg	☆	07/21/23 18:05	07/26/23 01:16	1
Bromomethane	<0.0048		0.0048	0.0018	mg/Kg	☆	07/21/23 18:05	07/26/23 01:16	1
Carbon disulfide	<0.0048		0.0048	0.0010	mg/Kg	☆	07/21/23 18:05	07/26/23 01:16	1
Carbon tetrachloride	<0.0019		0.0019	0.00056	mg/Kg	☆	07/21/23 18:05	07/26/23 01:16	1
Chlorobenzene	<0.0019		0.0019	0.00071	mg/Kg	☆	07/21/23 18:05	07/26/23 01:16	1
Chloroethane	<0.0048		0.0048	0.0014	mg/Kg	☆	07/21/23 18:05	07/26/23 01:16	1
Chloroform	<0.0019		0.0019	0.00067	mg/Kg	☆	07/21/23 18:05	07/26/23 01:16	1
Chloromethane	<0.0048		0.0048	0.0019	mg/Kg	☆	07/21/23 18:05	07/26/23 01:16	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00054	mg/Kg	☆	07/21/23 18:05	07/26/23 01:16	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00058	mg/Kg	☆	07/21/23 18:05	07/26/23 01:16	1
Dibromochloromethane	<0.0019		0.0019	0.00063	mg/Kg	☆	07/21/23 18:05	07/26/23 01:16	1
1,1-Dichloroethane	<0.0019		0.0019	0.00066	mg/Kg	☆	07/21/23 18:05	07/26/23 01:16	1
1,2-Dichloroethane	<0.0048		0.0048	0.0015	mg/Kg	☆	07/21/23 18:05	07/26/23 01:16	1
1,1-Dichloroethene	<0.0019		0.0019	0.00067	mg/Kg	☆	07/21/23 18:05	07/26/23 01:16	1
1,2-Dichloropropane	<0.0019		0.0019	0.00050	mg/Kg	☆	07/21/23 18:05	07/26/23 01:16	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00068	mg/Kg	☆	07/21/23 18:05	07/26/23 01:16	1
Ethylbenzene	<0.0019		0.0019	0.00093	mg/Kg	☆	07/21/23 18:05	07/26/23 01:16	1
2-Hexanone	<0.0048		0.0048	0.0015	mg/Kg	☆	07/21/23 18:05	07/26/23 01:16	1
Methylene Chloride	<0.0048		0.0048	0.0019	mg/Kg	☆	07/21/23 18:05	07/26/23 01:16	1
Methyl Ethyl Ketone	<0.0048		0.0048	0.0021	mg/Kg	☆	07/21/23 18:05	07/26/23 01:16	1
methyl isobutyl ketone	<0.0048		0.0048	0.0014	mg/Kg	☆	07/21/23 18:05	07/26/23 01:16	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00057	mg/Kg	☆	07/21/23 18:05	07/26/23 01:16	1
Styrene	<0.0019		0.0019	0.00058	mg/Kg	☆	07/21/23 18:05	07/26/23 01:16	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00062	mg/Kg	☆	07/21/23 18:05	07/26/23 01:16	1
Tetrachloroethene	<0.0019		0.0019	0.00066	mg/Kg	☆	07/21/23 18:05	07/26/23 01:16	1
Toluene	<0.0019		0.0019	0.00049	mg/Kg	☆	07/21/23 18:05	07/26/23 01:16	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00086	mg/Kg	☆	07/21/23 18:05	07/26/23 01:16	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00068	mg/Kg	☆	07/21/23 18:05	07/26/23 01:16	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00065	mg/Kg	☆	07/21/23 18:05	07/26/23 01:16	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00083	mg/Kg	☆	07/21/23 18:05	07/26/23 01:16	1
Trichloroethene	<0.0019		0.0019	0.00065	mg/Kg	☆	07/21/23 18:05	07/26/23 01:16	1
Vinyl chloride	<0.0019		0.0019	0.00086	mg/Kg	☆	07/21/23 18:05	07/26/23 01:16	1
Xylenes, Total	<0.0039		0.0039	0.00062	mg/Kg	☆	07/21/23 18:05	07/26/23 01:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	148	S1+	75 - 131	07/21/23 18:05	07/26/23 01:16	1
Dibromofluoromethane (Surr)	114		75 - 126	07/21/23 18:05	07/26/23 01:16	1
1,2-Dichloroethane-d4 (Surr)	139	S1+	70 - 134	07/21/23 18:05	07/26/23 01:16	1
Toluene-d8 (Surr)	124		75 - 124	07/21/23 18:05	07/26/23 01:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	☆	07/25/23 13:07	07/26/23 16:20	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	☆	07/25/23 13:07	07/26/23 16:20	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	☆	07/25/23 13:07	07/26/23 16:20	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	☆	07/25/23 13:07	07/26/23 16:20	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	☆	07/25/23 13:07	07/26/23 16:20	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-18(0-6.5)-072023

Lab Sample ID: 500-237024-5

Date Collected: 07/20/23 14:25

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 85.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.087	mg/Kg	☼	07/25/23 13:07	07/26/23 16:20	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	☼	07/25/23 13:07	07/26/23 16:20	1
2,4-Dichlorophenol	<0.38		0.38	0.091	mg/Kg	☼	07/25/23 13:07	07/26/23 16:20	1
2,4-Dimethylphenol	<0.38		0.38	0.14	mg/Kg	☼	07/25/23 13:07	07/26/23 16:20	1
2,4-Dinitrophenol	<0.77		0.77	0.67	mg/Kg	☼	07/25/23 13:07	07/26/23 16:20	1
2,4-Dinitrotoluene	<0.19		0.19	0.061	mg/Kg	☼	07/25/23 13:07	07/26/23 16:20	1
2,6-Dinitrotoluene	<0.19		0.19	0.075	mg/Kg	☼	07/25/23 13:07	07/26/23 16:20	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	☼	07/25/23 13:07	07/26/23 16:20	1
2-Chlorophenol	<0.19		0.19	0.065	mg/Kg	☼	07/25/23 13:07	07/26/23 16:20	1
2-Methylnaphthalene	<0.077		0.077	0.0070	mg/Kg	☼	07/25/23 13:07	07/26/23 16:20	1
2-Methylphenol	<0.19		0.19	0.061	mg/Kg	☼	07/25/23 13:07	07/26/23 16:20	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	☼	07/25/23 13:07	07/26/23 16:20	1
2-Nitrophenol	<0.38		0.38	0.090	mg/Kg	☼	07/25/23 13:07	07/26/23 16:20	1
3 & 4 Methylphenol	<0.19		0.19	0.064	mg/Kg	☼	07/25/23 13:07	07/26/23 16:20	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.053	mg/Kg	☼	07/25/23 13:07	07/26/23 16:20	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	☼	07/25/23 13:07	07/26/23 16:20	1
4,6-Dinitro-2-methylphenol	<0.77		0.77	0.31	mg/Kg	☼	07/25/23 13:07	07/26/23 16:20	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	☼	07/25/23 13:07	07/26/23 16:20	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	☼	07/25/23 13:07	07/26/23 16:20	1
4-Chloroaniline	<0.77		0.77	0.18	mg/Kg	☼	07/25/23 13:07	07/26/23 16:20	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	☼	07/25/23 13:07	07/26/23 16:20	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	☼	07/25/23 13:07	07/26/23 16:20	1
4-Nitrophenol	<0.77		0.77	0.36	mg/Kg	☼	07/25/23 13:07	07/26/23 16:20	1
Acenaphthene	<0.038		0.038	0.0069	mg/Kg	☼	07/25/23 13:07	07/26/23 16:20	1
Acenaphthylene	<0.038		0.038	0.0050	mg/Kg	☼	07/25/23 13:07	07/26/23 16:20	1
Anthracene	<0.038		0.038	0.0064	mg/Kg	☼	07/25/23 13:07	07/26/23 16:20	1
Benzo[a]anthracene	<0.038		0.038	0.0051	mg/Kg	☼	07/25/23 13:07	07/26/23 16:20	1
Benzo[a]pyrene	<0.038		0.038	0.0074	mg/Kg	☼	07/25/23 13:07	07/26/23 16:20	1
Benzo[b]fluoranthene	<0.038		0.038	0.0082	mg/Kg	☼	07/25/23 13:07	07/26/23 16:20	1
Benzo[g,h,i]perylene	<0.038		0.038	0.012	mg/Kg	☼	07/25/23 13:07	07/26/23 16:20	1
Benzo[k]fluoranthene	<0.038		0.038	0.011	mg/Kg	☼	07/25/23 13:07	07/26/23 16:20	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	☼	07/25/23 13:07	07/26/23 16:20	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.057	mg/Kg	☼	07/25/23 13:07	07/26/23 16:20	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.070	mg/Kg	☼	07/25/23 13:07	07/26/23 16:20	1
Butyl benzyl phthalate	<0.19	*	0.19	0.073	mg/Kg	☼	07/25/23 13:07	07/26/23 16:20	1
Carbazole	<0.19		0.19	0.095	mg/Kg	☼	07/25/23 13:07	07/26/23 16:20	1
Chrysene	<0.038		0.038	0.010	mg/Kg	☼	07/25/23 13:07	07/26/23 16:20	1
Dibenz(a,h)anthracene	<0.038		0.038	0.0074	mg/Kg	☼	07/25/23 13:07	07/26/23 16:20	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	☼	07/25/23 13:07	07/26/23 16:20	1
Diethyl phthalate	<0.19		0.19	0.065	mg/Kg	☼	07/25/23 13:07	07/26/23 16:20	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	☼	07/25/23 13:07	07/26/23 16:20	1
Di-n-butyl phthalate	<0.19		0.19	0.058	mg/Kg	☼	07/25/23 13:07	07/26/23 16:20	1
Di-n-octyl phthalate	<0.19		0.19	0.062	mg/Kg	☼	07/25/23 13:07	07/26/23 16:20	1
Fluoranthene	<0.038		0.038	0.0071	mg/Kg	☼	07/25/23 13:07	07/26/23 16:20	1
Fluorene	<0.038		0.038	0.0054	mg/Kg	☼	07/25/23 13:07	07/26/23 16:20	1
Hexachlorobenzene	<0.077		0.077	0.0089	mg/Kg	☼	07/25/23 13:07	07/26/23 16:20	1
Hexachlorobutadiene	<0.19		0.19	0.060	mg/Kg	☼	07/25/23 13:07	07/26/23 16:20	1
Hexachlorocyclopentadiene	<0.77		0.77	0.22	mg/Kg	☼	07/25/23 13:07	07/26/23 16:20	1
Hexachloroethane	<0.19	*	0.19	0.058	mg/Kg	☼	07/25/23 13:07	07/26/23 16:20	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-18(0-6.5)-072023

Lab Sample ID: 500-237024-5

Date Collected: 07/20/23 14:25

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 85.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.038		0.038	0.0099	mg/Kg	✳	07/25/23 13:07	07/26/23 16:20	1
Isophorone	<0.19		0.19	0.043	mg/Kg	✳	07/25/23 13:07	07/26/23 16:20	1
Naphthalene	<0.038		0.038	0.0059	mg/Kg	✳	07/25/23 13:07	07/26/23 16:20	1
Nitrobenzene	<0.038		0.038	0.0095	mg/Kg	✳	07/25/23 13:07	07/26/23 16:20	1
N-Nitrosodi-n-propylamine	<0.077		0.077	0.047	mg/Kg	✳	07/25/23 13:07	07/26/23 16:20	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	✳	07/25/23 13:07	07/26/23 16:20	1
Pentachlorophenol	<0.77		0.77	0.61	mg/Kg	✳	07/25/23 13:07	07/26/23 16:20	1
Phenanthrene	<0.038		0.038	0.0053	mg/Kg	✳	07/25/23 13:07	07/26/23 16:20	1
Phenol	<0.19		0.19	0.085	mg/Kg	✳	07/25/23 13:07	07/26/23 16:20	1
Pyrene	<0.038		0.038	0.0076	mg/Kg	✳	07/25/23 13:07	07/26/23 16:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	62		31 - 166	07/25/23 13:07	07/26/23 16:20	1
Phenol-d5 (Surr)	72		30 - 153	07/25/23 13:07	07/26/23 16:20	1
Nitrobenzene-d5 (Surr)	61		37 - 147	07/25/23 13:07	07/26/23 16:20	1
2-Fluorobiphenyl (Surr)	60		43 - 145	07/25/23 13:07	07/26/23 16:20	1
2,4,6-Tribromophenol (Surr)	57		31 - 143	07/25/23 13:07	07/26/23 16:20	1
Terphenyl-d14 (Surr)	74		42 - 157	07/25/23 13:07	07/26/23 16:20	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	11000		12	4.8	mg/Kg	✳	07/24/23 09:42	07/25/23 22:35	1
Antimony	0.48	J B	1.2	0.23	mg/Kg	✳	07/24/23 09:42	07/25/23 22:35	1
Arsenic	4.2		0.58	0.20	mg/Kg	✳	07/24/23 09:42	07/25/23 22:35	1
Barium	30	B	0.58	0.066	mg/Kg	✳	07/24/23 09:42	07/25/23 22:35	1
Beryllium	0.78	B	0.23	0.054	mg/Kg	✳	07/24/23 09:42	07/25/23 22:35	1
Cadmium	0.16	B	0.12	0.021	mg/Kg	✳	07/24/23 09:42	07/25/23 22:35	1
Calcium	50000		58	9.9	mg/Kg	✳	07/24/23 09:42	07/26/23 18:31	5
Chromium	15		0.58	0.29	mg/Kg	✳	07/24/23 09:42	07/25/23 22:35	1
Cobalt	8.0		0.29	0.076	mg/Kg	✳	07/24/23 09:42	07/25/23 22:35	1
Copper	22		0.58	0.16	mg/Kg	✳	07/24/23 09:42	07/25/23 22:35	1
Iron	17000		12	6.1	mg/Kg	✳	07/24/23 09:42	07/25/23 22:35	1
Lead	12		0.29	0.13	mg/Kg	✳	07/24/23 09:42	07/25/23 22:35	1
Magnesium	29000		5.8	2.9	mg/Kg	✳	07/24/23 09:42	07/25/23 22:35	1
Manganese	360	B	0.58	0.085	mg/Kg	✳	07/24/23 09:42	07/25/23 22:35	1
Nickel	25		0.58	0.17	mg/Kg	✳	07/24/23 09:42	07/25/23 22:35	1
Potassium	2800		29	10	mg/Kg	✳	07/24/23 09:42	07/25/23 22:35	1
Selenium	0.39	J	0.58	0.34	mg/Kg	✳	07/24/23 09:42	07/25/23 22:35	1
Silver	0.078	J	0.29	0.075	mg/Kg	✳	07/24/23 09:42	07/25/23 22:35	1
Sodium	1200		58	8.6	mg/Kg	✳	07/24/23 09:42	07/25/23 22:35	1
Thallium	<0.58		0.58	0.29	mg/Kg	✳	07/24/23 09:42	07/25/23 22:35	1
Vanadium	17		0.29	0.069	mg/Kg	✳	07/24/23 09:42	07/25/23 22:35	1
Zinc	54		1.2	0.51	mg/Kg	✳	07/24/23 09:42	07/25/23 22:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/26/23 16:51	07/27/23 21:45	1
Barium	0.23	J	0.50	0.050	mg/L		07/26/23 16:51	07/27/23 21:45	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/26/23 16:51	07/27/23 21:45	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/26/23 16:51	07/27/23 21:45	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-18(0-6.5)-072023

Lab Sample ID: 500-237024-5

Date Collected: 07/20/23 14:25

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 85.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 21:45	1
Cobalt	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 21:45	1
Copper	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 21:45	1
Iron	<0.40		0.40	0.20	mg/L		07/26/23 16:51	07/27/23 21:45	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/26/23 16:51	07/27/23 21:45	1
Manganese	0.76		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 21:45	1
Nickel	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 21:45	1
Selenium	<0.050	^1+	0.050	0.020	mg/L		07/26/23 16:51	07/27/23 21:45	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 21:45	1
Zinc	<0.50		0.50	0.020	mg/L		07/26/23 16:51	07/27/23 21:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.078		0.050	0.010	mg/L		07/26/23 16:52	07/27/23 18:09	1
Barium	0.40	J	0.50	0.050	mg/L		07/26/23 16:52	07/27/23 18:09	1
Beryllium	0.010		0.0040	0.0040	mg/L		07/26/23 16:52	07/27/23 18:09	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/26/23 16:52	07/27/23 18:09	1
Chromium	0.18		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:09	1
Cobalt	0.058		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:09	1
Copper	0.23		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:09	1
Iron	210		0.40	0.20	mg/L		07/26/23 16:52	07/27/23 18:09	1
Lead	0.13		0.0075	0.0075	mg/L		07/26/23 16:52	07/27/23 18:09	1
Manganese	0.88		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:09	1
Nickel	0.22		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:09	1
Selenium	<0.050		0.050	0.020	mg/L		07/26/23 16:52	07/27/23 18:09	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:09	1
Zinc	0.55	B	0.50	0.020	mg/L		07/26/23 16:52	07/27/23 18:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/31/23 12:20	08/01/23 08:50	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.019		0.019	0.010	mg/Kg	☆	07/31/23 16:50	08/01/23 09:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.4		0.2	0.2	SU			07/26/23 21:20	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-18(6.5-13)-072023

Lab Sample ID: 500-237024-6

Date Collected: 07/20/23 14:30

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 87.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017	*+ *1	0.017	0.0073	mg/Kg	☼	07/21/23 18:05	07/26/23 18:01	1
Benzene	<0.0017		0.0017	0.00043	mg/Kg	☼	07/21/23 18:05	07/26/23 18:01	1
Bromodichloromethane	<0.0017		0.0017	0.00034	mg/Kg	☼	07/21/23 18:05	07/26/23 18:01	1
Bromoform	<0.0017		0.0017	0.00049	mg/Kg	☼	07/21/23 18:05	07/26/23 18:01	1
Bromomethane	<0.0042	*+	0.0042	0.0016	mg/Kg	☼	07/21/23 18:05	07/26/23 18:01	1
Carbon disulfide	<0.0042		0.0042	0.00087	mg/Kg	☼	07/21/23 18:05	07/26/23 18:01	1
Carbon tetrachloride	<0.0017		0.0017	0.00049	mg/Kg	☼	07/21/23 18:05	07/26/23 18:01	1
Chlorobenzene	<0.0017		0.0017	0.00062	mg/Kg	☼	07/21/23 18:05	07/26/23 18:01	1
Chloroethane	<0.0042	*+	0.0042	0.0012	mg/Kg	☼	07/21/23 18:05	07/26/23 18:01	1
Chloroform	<0.0017		0.0017	0.00058	mg/Kg	☼	07/21/23 18:05	07/26/23 18:01	1
Chloromethane	<0.0042	*+	0.0042	0.0017	mg/Kg	☼	07/21/23 18:05	07/26/23 18:01	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00047	mg/Kg	☼	07/21/23 18:05	07/26/23 18:01	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00051	mg/Kg	☼	07/21/23 18:05	07/26/23 18:01	1
Dibromochloromethane	<0.0017		0.0017	0.00055	mg/Kg	☼	07/21/23 18:05	07/26/23 18:01	1
1,1-Dichloroethane	<0.0017		0.0017	0.00058	mg/Kg	☼	07/21/23 18:05	07/26/23 18:01	1
1,2-Dichloroethane	<0.0042		0.0042	0.0013	mg/Kg	☼	07/21/23 18:05	07/26/23 18:01	1
1,1-Dichloroethene	<0.0017	*+	0.0017	0.00058	mg/Kg	☼	07/21/23 18:05	07/26/23 18:01	1
1,2-Dichloropropane	<0.0017		0.0017	0.00043	mg/Kg	☼	07/21/23 18:05	07/26/23 18:01	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00059	mg/Kg	☼	07/21/23 18:05	07/26/23 18:01	1
Ethylbenzene	<0.0017		0.0017	0.00080	mg/Kg	☼	07/21/23 18:05	07/26/23 18:01	1
2-Hexanone	<0.0042		0.0042	0.0013	mg/Kg	☼	07/21/23 18:05	07/26/23 18:01	1
Methylene Chloride	<0.0042		0.0042	0.0017	mg/Kg	☼	07/21/23 18:05	07/26/23 18:01	1
Methyl Ethyl Ketone	<0.0042		0.0042	0.0019	mg/Kg	☼	07/21/23 18:05	07/26/23 18:01	1
methyl isobutyl ketone	<0.0042		0.0042	0.0012	mg/Kg	☼	07/21/23 18:05	07/26/23 18:01	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00049	mg/Kg	☼	07/21/23 18:05	07/26/23 18:01	1
Styrene	<0.0017		0.0017	0.00051	mg/Kg	☼	07/21/23 18:05	07/26/23 18:01	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00054	mg/Kg	☼	07/21/23 18:05	07/26/23 18:01	1
Tetrachloroethene	<0.0017		0.0017	0.00057	mg/Kg	☼	07/21/23 18:05	07/26/23 18:01	1
Toluene	<0.0017		0.0017	0.00042	mg/Kg	☼	07/21/23 18:05	07/26/23 18:01	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00074	mg/Kg	☼	07/21/23 18:05	07/26/23 18:01	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00059	mg/Kg	☼	07/21/23 18:05	07/26/23 18:01	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00056	mg/Kg	☼	07/21/23 18:05	07/26/23 18:01	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00072	mg/Kg	☼	07/21/23 18:05	07/26/23 18:01	1
Trichloroethene	<0.0017		0.0017	0.00057	mg/Kg	☼	07/21/23 18:05	07/26/23 18:01	1
Vinyl chloride	<0.0017	*+	0.0017	0.00074	mg/Kg	☼	07/21/23 18:05	07/26/23 18:01	1
Xylenes, Total	<0.0034		0.0034	0.00054	mg/Kg	☼	07/21/23 18:05	07/26/23 18:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		75 - 131	07/21/23 18:05	07/26/23 18:01	1
Dibromofluoromethane (Surr)	107		75 - 126	07/21/23 18:05	07/26/23 18:01	1
1,2-Dichloroethane-d4 (Surr)	104		70 - 134	07/21/23 18:05	07/26/23 18:01	1
Toluene-d8 (Surr)	92		75 - 124	07/21/23 18:05	07/26/23 18:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
1,2-Dichlorobenzene	<0.19		0.19	0.044	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
1,4-Dichlorobenzene	<0.19		0.19	0.047	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-18(6.5-13)-072023

Lab Sample ID: 500-237024-6

Date Collected: 07/20/23 14:30

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 87.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.084	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
2,4-Dichlorophenol	<0.37		0.37	0.088	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
2,4-Dinitrophenol	<0.75		0.75	0.65	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
2,4-Dinitrotoluene	<0.19		0.19	0.059	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
2,6-Dinitrotoluene	<0.19		0.19	0.073	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
2-Chlorophenol	<0.19		0.19	0.063	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
2-Methylnaphthalene	<0.075		0.075	0.0068	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
2-Methylphenol	<0.19		0.19	0.059	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
2-Nitrophenol	<0.37		0.37	0.087	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
3 & 4 Methylphenol	<0.19		0.19	0.062	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.052	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
3-Nitroaniline	<0.37		0.37	0.11	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.30	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
4-Chloroaniline	<0.75		0.75	0.17	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.043	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
4-Nitroaniline	<0.37		0.37	0.15	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
4-Nitrophenol	<0.75		0.75	0.35	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
Acenaphthene	<0.037		0.037	0.0067	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
Acenaphthylene	<0.037		0.037	0.0049	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
Anthracene	<0.037		0.037	0.0062	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
Benzo[a]anthracene	<0.037		0.037	0.0050	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
Benzo[a]pyrene	<0.037		0.037	0.0072	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
Benzo[b]fluoranthene	<0.037		0.037	0.0080	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
Benzo[g,h,i]perylene	<0.037		0.037	0.012	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
Benzo[k]fluoranthene	<0.037		0.037	0.011	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.055	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.068	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
Butyl benzyl phthalate	<0.19	*	0.19	0.070	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
Carbazole	<0.19		0.19	0.092	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
Chrysene	<0.037		0.037	0.010	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
Dibenz(a,h)anthracene	<0.037		0.037	0.0072	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
Dibenzofuran	<0.19		0.19	0.043	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
Diethyl phthalate	<0.19		0.19	0.063	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
Dimethyl phthalate	<0.19		0.19	0.048	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
Di-n-butyl phthalate	<0.19		0.19	0.056	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
Di-n-octyl phthalate	<0.19		0.19	0.060	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
Fluoranthene	<0.037		0.037	0.0069	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
Fluorene	<0.037		0.037	0.0052	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
Hexachlorobenzene	<0.075		0.075	0.0086	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
Hexachlorobutadiene	<0.19		0.19	0.058	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
Hexachlorocyclopentadiene	<0.75		0.75	0.21	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
Hexachloroethane	<0.19	*	0.19	0.056	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-18(6.5-13)-072023

Lab Sample ID: 500-237024-6

Date Collected: 07/20/23 14:30

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 87.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.037		0.037	0.0096	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
Naphthalene	<0.037		0.037	0.0057	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
Nitrobenzene	<0.037		0.037	0.0092	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.045	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
Pentachlorophenol	<0.75		0.75	0.59	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
Phenanthrene	<0.037		0.037	0.0052	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
Phenol	<0.19		0.19	0.082	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1
Pyrene	<0.037		0.037	0.0074	mg/Kg	☼	07/25/23 13:07	07/26/23 18:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	81		31 - 166	07/25/23 13:07	07/26/23 18:00	1
Phenol-d5 (Surr)	90		30 - 153	07/25/23 13:07	07/26/23 18:00	1
Nitrobenzene-d5 (Surr)	87		37 - 147	07/25/23 13:07	07/26/23 18:00	1
2-Fluorobiphenyl (Surr)	80		43 - 145	07/25/23 13:07	07/26/23 18:00	1
2,4,6-Tribromophenol (Surr)	79		31 - 143	07/25/23 13:07	07/26/23 18:00	1
Terphenyl-d14 (Surr)	88		42 - 157	07/25/23 13:07	07/26/23 18:00	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9600		11	4.5	mg/Kg	☼	07/24/23 09:42	07/25/23 22:38	1
Antimony	0.37	J B	1.1	0.21	mg/Kg	☼	07/24/23 09:42	07/25/23 22:38	1
Arsenic	4.9		0.55	0.19	mg/Kg	☼	07/24/23 09:42	07/25/23 22:38	1
Barium	35	B	0.55	0.062	mg/Kg	☼	07/24/23 09:42	07/25/23 22:38	1
Beryllium	0.77	B	0.22	0.051	mg/Kg	☼	07/24/23 09:42	07/25/23 22:38	1
Cadmium	1.0	B	0.11	0.020	mg/Kg	☼	07/24/23 09:42	07/25/23 22:38	1
Calcium	57000		55	9.3	mg/Kg	☼	07/24/23 09:42	07/26/23 18:34	5
Chromium	14		0.55	0.27	mg/Kg	☼	07/24/23 09:42	07/25/23 22:38	1
Cobalt	12		0.27	0.072	mg/Kg	☼	07/24/23 09:42	07/25/23 22:38	1
Copper	29		0.55	0.15	mg/Kg	☼	07/24/23 09:42	07/25/23 22:38	1
Iron	18000		11	5.7	mg/Kg	☼	07/24/23 09:42	07/25/23 22:38	1
Lead	13		0.27	0.13	mg/Kg	☼	07/24/23 09:42	07/25/23 22:38	1
Magnesium	31000		5.5	2.7	mg/Kg	☼	07/24/23 09:42	07/25/23 22:38	1
Manganese	400	B	0.55	0.079	mg/Kg	☼	07/24/23 09:42	07/25/23 22:38	1
Nickel	31		0.55	0.16	mg/Kg	☼	07/24/23 09:42	07/25/23 22:38	1
Potassium	2800		27	9.7	mg/Kg	☼	07/24/23 09:42	07/25/23 22:38	1
Selenium	0.39	J	0.55	0.32	mg/Kg	☼	07/24/23 09:42	07/25/23 22:38	1
Silver	0.085	J	0.27	0.071	mg/Kg	☼	07/24/23 09:42	07/25/23 22:38	1
Sodium	400		55	8.1	mg/Kg	☼	07/24/23 09:42	07/25/23 22:38	1
Thallium	<0.55		0.55	0.27	mg/Kg	☼	07/24/23 09:42	07/25/23 22:38	1
Vanadium	16		0.27	0.065	mg/Kg	☼	07/24/23 09:42	07/25/23 22:38	1
Zinc	200		1.1	0.48	mg/Kg	☼	07/24/23 09:42	07/25/23 22:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/26/23 16:51	07/27/23 21:49	1
Barium	0.68		0.50	0.050	mg/L		07/26/23 16:51	07/27/23 21:49	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/26/23 16:51	07/27/23 21:49	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/26/23 16:51	07/27/23 21:49	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-18(6.5-13)-072023

Lab Sample ID: 500-237024-6

Date Collected: 07/20/23 14:30

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 87.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 21:49	1
Cobalt	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 21:49	1
Copper	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 21:49	1
Iron	0.33	J	0.40	0.20	mg/L		07/26/23 16:51	07/27/23 21:49	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/26/23 16:51	07/27/23 21:49	1
Manganese	2.6		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 21:49	1
Nickel	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 21:49	1
Selenium	<0.050	^1+	0.050	0.020	mg/L		07/26/23 16:51	07/27/23 21:49	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 21:49	1
Zinc	0.029	J B	0.50	0.020	mg/L		07/26/23 16:51	07/27/23 21:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.025	J	0.050	0.010	mg/L		07/26/23 16:52	07/27/23 18:13	1
Barium	0.22	J	0.50	0.050	mg/L		07/26/23 16:52	07/27/23 18:13	1
Beryllium	0.0044		0.0040	0.0040	mg/L		07/26/23 16:52	07/27/23 18:13	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/26/23 16:52	07/27/23 18:13	1
Chromium	0.075		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:13	1
Cobalt	0.044		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:13	1
Copper	0.12		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:13	1
Iron	78		0.40	0.20	mg/L		07/26/23 16:52	07/27/23 18:13	1
Lead	0.054		0.0075	0.0075	mg/L		07/26/23 16:52	07/27/23 18:13	1
Manganese	0.51		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:13	1
Nickel	0.11		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:13	1
Selenium	<0.050		0.050	0.020	mg/L		07/26/23 16:52	07/27/23 18:13	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:13	1
Zinc	0.17	J B	0.50	0.020	mg/L		07/26/23 16:52	07/27/23 18:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/31/23 12:20	08/01/23 08:52	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.018		0.018	0.0095	mg/Kg	☆	07/31/23 16:50	08/01/23 09:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.5		0.2	0.2	SU			07/26/23 21:23	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-18(13-20)-072023

Lab Sample ID: 500-237024-7

Date Collected: 07/20/23 14:35

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 85.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0075	mg/Kg	✳	07/21/23 18:05	07/26/23 02:06	1
Benzene	<0.0017		0.0017	0.00044	mg/Kg	✳	07/21/23 18:05	07/26/23 02:06	1
Bromodichloromethane	<0.0017		0.0017	0.00035	mg/Kg	✳	07/21/23 18:05	07/26/23 02:06	1
Bromoform	<0.0017		0.0017	0.00050	mg/Kg	✳	07/21/23 18:05	07/26/23 02:06	1
Bromomethane	<0.0043		0.0043	0.0016	mg/Kg	✳	07/21/23 18:05	07/26/23 02:06	1
Carbon disulfide	<0.0043		0.0043	0.00089	mg/Kg	✳	07/21/23 18:05	07/26/23 02:06	1
Carbon tetrachloride	<0.0017		0.0017	0.00050	mg/Kg	✳	07/21/23 18:05	07/26/23 02:06	1
Chlorobenzene	<0.0017		0.0017	0.00063	mg/Kg	✳	07/21/23 18:05	07/26/23 02:06	1
Chloroethane	<0.0043		0.0043	0.0013	mg/Kg	✳	07/21/23 18:05	07/26/23 02:06	1
Chloroform	<0.0017		0.0017	0.00059	mg/Kg	✳	07/21/23 18:05	07/26/23 02:06	1
Chloromethane	<0.0043		0.0043	0.0017	mg/Kg	✳	07/21/23 18:05	07/26/23 02:06	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00048	mg/Kg	✳	07/21/23 18:05	07/26/23 02:06	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00052	mg/Kg	✳	07/21/23 18:05	07/26/23 02:06	1
Dibromochloromethane	<0.0017		0.0017	0.00056	mg/Kg	✳	07/21/23 18:05	07/26/23 02:06	1
1,1-Dichloroethane	<0.0017		0.0017	0.00059	mg/Kg	✳	07/21/23 18:05	07/26/23 02:06	1
1,2-Dichloroethane	<0.0043		0.0043	0.0013	mg/Kg	✳	07/21/23 18:05	07/26/23 02:06	1
1,1-Dichloroethene	<0.0017		0.0017	0.00059	mg/Kg	✳	07/21/23 18:05	07/26/23 02:06	1
1,2-Dichloropropane	<0.0017		0.0017	0.00044	mg/Kg	✳	07/21/23 18:05	07/26/23 02:06	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00060	mg/Kg	✳	07/21/23 18:05	07/26/23 02:06	1
Ethylbenzene	<0.0017		0.0017	0.00082	mg/Kg	✳	07/21/23 18:05	07/26/23 02:06	1
2-Hexanone	<0.0043		0.0043	0.0013	mg/Kg	✳	07/21/23 18:05	07/26/23 02:06	1
Methylene Chloride	<0.0043		0.0043	0.0017	mg/Kg	✳	07/21/23 18:05	07/26/23 02:06	1
Methyl Ethyl Ketone	<0.0043		0.0043	0.0019	mg/Kg	✳	07/21/23 18:05	07/26/23 02:06	1
methyl isobutyl ketone	<0.0043		0.0043	0.0013	mg/Kg	✳	07/21/23 18:05	07/26/23 02:06	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00050	mg/Kg	✳	07/21/23 18:05	07/26/23 02:06	1
Styrene	<0.0017		0.0017	0.00052	mg/Kg	✳	07/21/23 18:05	07/26/23 02:06	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00055	mg/Kg	✳	07/21/23 18:05	07/26/23 02:06	1
Tetrachloroethene	<0.0017		0.0017	0.00058	mg/Kg	✳	07/21/23 18:05	07/26/23 02:06	1
Toluene	<0.0017		0.0017	0.00043	mg/Kg	✳	07/21/23 18:05	07/26/23 02:06	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00076	mg/Kg	✳	07/21/23 18:05	07/26/23 02:06	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00060	mg/Kg	✳	07/21/23 18:05	07/26/23 02:06	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00058	mg/Kg	✳	07/21/23 18:05	07/26/23 02:06	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00074	mg/Kg	✳	07/21/23 18:05	07/26/23 02:06	1
Trichloroethene	<0.0017		0.0017	0.00058	mg/Kg	✳	07/21/23 18:05	07/26/23 02:06	1
Vinyl chloride	<0.0017		0.0017	0.00076	mg/Kg	✳	07/21/23 18:05	07/26/23 02:06	1
Xylenes, Total	<0.0034		0.0034	0.00055	mg/Kg	✳	07/21/23 18:05	07/26/23 02:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	154	S1+	75 - 131	07/21/23 18:05	07/26/23 02:06	1
Dibromofluoromethane (Surr)	116		75 - 126	07/21/23 18:05	07/26/23 02:06	1
1,2-Dichloroethane-d4 (Surr)	134		70 - 134	07/21/23 18:05	07/26/23 02:06	1
Toluene-d8 (Surr)	126	S1+	75 - 124	07/21/23 18:05	07/26/23 02:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.039	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
1,2-Dichlorobenzene	<0.18		0.18	0.044	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
1,3-Dichlorobenzene	<0.18		0.18	0.041	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
1,4-Dichlorobenzene	<0.18		0.18	0.047	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.042	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-18(13-20)-072023

Lab Sample ID: 500-237024-7

Date Collected: 07/20/23 14:35

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 85.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.36		0.36	0.083	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
2,4,6-Trichlorophenol	<0.36		0.36	0.13	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
2,4-Dichlorophenol	<0.36		0.36	0.087	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
2,4-Dimethylphenol	<0.36		0.36	0.14	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
2,4-Dinitrophenol	<0.73		0.73	0.64	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
2,4-Dinitrotoluene	<0.18		0.18	0.058	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
2,6-Dinitrotoluene	<0.18		0.18	0.072	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
2-Chloronaphthalene	<0.18		0.18	0.040	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
2-Chlorophenol	<0.18		0.18	0.062	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
2-Methylnaphthalene	<0.073		0.073	0.0067	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
2-Methylphenol	<0.18		0.18	0.058	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
2-Nitroaniline	<0.18		0.18	0.049	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
2-Nitrophenol	<0.36		0.36	0.086	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
3 & 4 Methylphenol	<0.18		0.18	0.061	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.051	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
3-Nitroaniline	<0.36		0.36	0.11	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
4,6-Dinitro-2-methylphenol	<0.73		0.73	0.29	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.048	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
4-Chloro-3-methylphenol	<0.36		0.36	0.12	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
4-Chloroaniline	<0.73		0.73	0.17	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.043	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
4-Nitroaniline	<0.36		0.36	0.15	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
4-Nitrophenol	<0.73		0.73	0.35	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
Acenaphthene	<0.036		0.036	0.0065	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
Acenaphthylene	<0.036		0.036	0.0048	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
Anthracene	<0.036		0.036	0.0061	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
Benzo[a]anthracene	<0.036		0.036	0.0049	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
Benzo[a]pyrene	<0.036		0.036	0.0071	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
Benzo[b]fluoranthene	<0.036		0.036	0.0079	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
Benzo[g,h,i]perylene	<0.036		0.036	0.012	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
Benzo[k]fluoranthene	<0.036		0.036	0.011	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.037	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.055	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.067	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
Butyl benzyl phthalate	<0.18	*	0.18	0.069	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
Carbazole	<0.18		0.18	0.091	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
Chrysene	<0.036		0.036	0.0099	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
Dibenz(a,h)anthracene	<0.036		0.036	0.0070	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
Dibenzofuran	<0.18		0.18	0.043	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
Diethyl phthalate	<0.18		0.18	0.062	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
Dimethyl phthalate	<0.18		0.18	0.048	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
Di-n-butyl phthalate	<0.18		0.18	0.055	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
Di-n-octyl phthalate	<0.18		0.18	0.059	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
Fluoranthene	<0.036		0.036	0.0068	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
Fluorene	<0.036		0.036	0.0051	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
Hexachlorobenzene	<0.073		0.073	0.0084	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
Hexachlorobutadiene	<0.18		0.18	0.057	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
Hexachlorocyclopentadiene	<0.73		0.73	0.21	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
Hexachloroethane	<0.18	*	0.18	0.055	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-18(13-20)-072023

Lab Sample ID: 500-237024-7

Date Collected: 07/20/23 14:35

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 85.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.036		0.036	0.0094	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
Isophorone	<0.18		0.18	0.041	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
Naphthalene	<0.036		0.036	0.0056	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
Nitrobenzene	<0.036		0.036	0.0091	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
N-Nitrosodi-n-propylamine	<0.073		0.073	0.045	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
N-Nitrosodiphenylamine	<0.18		0.18	0.043	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
Pentachlorophenol	<0.73		0.73	0.58	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
Phenanthrene	<0.036		0.036	0.0051	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
Phenol	<0.18		0.18	0.081	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1
Pyrene	<0.036		0.036	0.0072	mg/Kg	✳	07/25/23 13:07	07/27/23 22:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	65		31 - 166	07/25/23 13:07	07/27/23 22:31	1
Phenol-d5 (Surr)	68		30 - 153	07/25/23 13:07	07/27/23 22:31	1
Nitrobenzene-d5 (Surr)	67		37 - 147	07/25/23 13:07	07/27/23 22:31	1
2-Fluorobiphenyl (Surr)	62		43 - 145	07/25/23 13:07	07/27/23 22:31	1
2,4,6-Tribromophenol (Surr)	40		31 - 143	07/25/23 13:07	07/27/23 22:31	1
Terphenyl-d14 (Surr)	75		42 - 157	07/25/23 13:07	07/27/23 22:31	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9200		11	4.6	mg/Kg	✳	07/24/23 09:42	07/25/23 22:42	1
Antimony	0.51	J B	1.1	0.22	mg/Kg	✳	07/24/23 09:42	07/25/23 22:42	1
Arsenic	8.6		0.56	0.19	mg/Kg	✳	07/24/23 09:42	07/25/23 22:42	1
Barium	31	B	0.56	0.064	mg/Kg	✳	07/24/23 09:42	07/25/23 22:42	1
Beryllium	0.76	B	0.22	0.052	mg/Kg	✳	07/24/23 09:42	07/25/23 22:42	1
Cadmium	0.20	B	0.11	0.020	mg/Kg	✳	07/24/23 09:42	07/25/23 22:42	1
Calcium	60000		56	9.5	mg/Kg	✳	07/24/23 09:42	07/26/23 18:38	5
Chromium	13		0.56	0.28	mg/Kg	✳	07/24/23 09:42	07/25/23 22:42	1
Cobalt	13		0.28	0.073	mg/Kg	✳	07/24/23 09:42	07/25/23 22:42	1
Copper	26		0.56	0.16	mg/Kg	✳	07/24/23 09:42	07/25/23 22:42	1
Iron	19000		11	5.8	mg/Kg	✳	07/24/23 09:42	07/25/23 22:42	1
Lead	13		0.28	0.13	mg/Kg	✳	07/24/23 09:42	07/25/23 22:42	1
Magnesium	28000		5.6	2.8	mg/Kg	✳	07/24/23 09:42	07/25/23 22:42	1
Manganese	380	B	0.56	0.081	mg/Kg	✳	07/24/23 09:42	07/25/23 22:42	1
Nickel	30		0.56	0.16	mg/Kg	✳	07/24/23 09:42	07/25/23 22:42	1
Potassium	2600		28	9.9	mg/Kg	✳	07/24/23 09:42	07/25/23 22:42	1
Selenium	<0.56		0.56	0.33	mg/Kg	✳	07/24/23 09:42	07/25/23 22:42	1
Silver	<0.28		0.28	0.072	mg/Kg	✳	07/24/23 09:42	07/25/23 22:42	1
Sodium	170		56	8.3	mg/Kg	✳	07/24/23 09:42	07/25/23 22:42	1
Thallium	<0.56		0.56	0.28	mg/Kg	✳	07/24/23 09:42	07/25/23 22:42	1
Vanadium	16		0.28	0.066	mg/Kg	✳	07/24/23 09:42	07/25/23 22:42	1
Zinc	67		1.1	0.49	mg/Kg	✳	07/24/23 09:42	07/25/23 22:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/26/23 16:51	07/27/23 21:52	1
Barium	0.61		0.50	0.050	mg/L		07/26/23 16:51	07/27/23 21:52	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/26/23 16:51	07/27/23 21:52	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/26/23 16:51	07/27/23 21:52	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-18(13-20)-072023

Lab Sample ID: 500-237024-7

Date Collected: 07/20/23 14:35

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 85.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 21:52	1
Cobalt	0.027		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 21:52	1
Copper	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 21:52	1
Iron	<0.40		0.40	0.20	mg/L		07/26/23 16:51	07/27/23 21:52	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/26/23 16:51	07/27/23 21:52	1
Manganese	2.0		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 21:52	1
Nickel	0.055		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 21:52	1
Selenium	<0.050	^1+	0.050	0.020	mg/L		07/26/23 16:51	07/27/23 21:52	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 21:52	1
Zinc	<0.50		0.50	0.020	mg/L		07/26/23 16:51	07/27/23 21:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/26/23 16:52	07/27/23 18:16	1
Barium	<0.50		0.50	0.050	mg/L		07/26/23 16:52	07/27/23 18:16	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/26/23 16:52	07/27/23 18:16	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/26/23 16:52	07/27/23 18:16	1
Chromium	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:16	1
Cobalt	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:16	1
Copper	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:16	1
Iron	0.71		0.40	0.20	mg/L		07/26/23 16:52	07/27/23 18:16	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/26/23 16:52	07/27/23 18:16	1
Manganese	0.025		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:16	1
Nickel	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:16	1
Selenium	<0.050		0.050	0.020	mg/L		07/26/23 16:52	07/27/23 18:16	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:16	1
Zinc	<0.50		0.50	0.020	mg/L		07/26/23 16:52	07/27/23 18:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/31/23 12:20	08/01/23 08:54	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.013	J	0.018	0.0093	mg/Kg	☆	07/31/23 16:50	08/01/23 09:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.6		0.2	0.2	SU			07/26/23 21:25	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-20(0-6.5)-072023

Lab Sample ID: 500-237024-11

Date Collected: 07/20/23 15:20

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 82.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0022		0.0022	0.00056	mg/Kg	✱	07/21/23 18:05	07/26/23 19:18	1
Bromodichloromethane	<0.0022		0.0022	0.00045	mg/Kg	✱	07/21/23 18:05	07/26/23 19:18	1
Bromoform	<0.0022		0.0022	0.00064	mg/Kg	✱	07/21/23 18:05	07/26/23 19:18	1
Bromomethane	<0.0055	+	0.0055	0.0021	mg/Kg	✱	07/21/23 18:05	07/26/23 19:18	1
Carbon disulfide	0.0025	J	0.0055	0.0011	mg/Kg	✱	07/21/23 18:05	07/26/23 19:18	1
Carbon tetrachloride	<0.0022		0.0022	0.00064	mg/Kg	✱	07/21/23 18:05	07/26/23 19:18	1
Chlorobenzene	<0.0022		0.0022	0.00081	mg/Kg	✱	07/21/23 18:05	07/26/23 19:18	1
Chloroethane	<0.0055	+	0.0055	0.0016	mg/Kg	✱	07/21/23 18:05	07/26/23 19:18	1
Chloroform	<0.0022		0.0022	0.00076	mg/Kg	✱	07/21/23 18:05	07/26/23 19:18	1
Chloromethane	<0.0055	+	0.0055	0.0022	mg/Kg	✱	07/21/23 18:05	07/26/23 19:18	1
cis-1,2-Dichloroethene	<0.0022		0.0022	0.00062	mg/Kg	✱	07/21/23 18:05	07/26/23 19:18	1
cis-1,3-Dichloropropene	<0.0022		0.0022	0.00066	mg/Kg	✱	07/21/23 18:05	07/26/23 19:18	1
Dibromochloromethane	<0.0022		0.0022	0.00072	mg/Kg	✱	07/21/23 18:05	07/26/23 19:18	1
1,1-Dichloroethane	<0.0022		0.0022	0.00076	mg/Kg	✱	07/21/23 18:05	07/26/23 19:18	1
1,2-Dichloroethane	<0.0055		0.0055	0.0017	mg/Kg	✱	07/21/23 18:05	07/26/23 19:18	1
1,1-Dichloroethene	<0.0022	+	0.0022	0.00076	mg/Kg	✱	07/21/23 18:05	07/26/23 19:18	1
1,2-Dichloropropane	<0.0022		0.0022	0.00057	mg/Kg	✱	07/21/23 18:05	07/26/23 19:18	1
1,3-Dichloropropene, Total	<0.0022		0.0022	0.00077	mg/Kg	✱	07/21/23 18:05	07/26/23 19:18	1
Ethylbenzene	<0.0022		0.0022	0.0011	mg/Kg	✱	07/21/23 18:05	07/26/23 19:18	1
2-Hexanone	<0.0055		0.0055	0.0017	mg/Kg	✱	07/21/23 18:05	07/26/23 19:18	1
Methylene Chloride	<0.0055		0.0055	0.0022	mg/Kg	✱	07/21/23 18:05	07/26/23 19:18	1
Methyl Ethyl Ketone	0.060		0.0055	0.0024	mg/Kg	✱	07/21/23 18:05	07/26/23 19:18	1
methyl isobutyl ketone	<0.0055		0.0055	0.0016	mg/Kg	✱	07/21/23 18:05	07/26/23 19:18	1
Methyl tert-butyl ether	<0.0022		0.0022	0.00065	mg/Kg	✱	07/21/23 18:05	07/26/23 19:18	1
Styrene	<0.0022		0.0022	0.00067	mg/Kg	✱	07/21/23 18:05	07/26/23 19:18	1
1,1,2,2-Tetrachloroethane	<0.0022		0.0022	0.00070	mg/Kg	✱	07/21/23 18:05	07/26/23 19:18	1
Tetrachloroethene	<0.0022		0.0022	0.00075	mg/Kg	✱	07/21/23 18:05	07/26/23 19:18	1
Toluene	<0.0022		0.0022	0.00056	mg/Kg	✱	07/21/23 18:05	07/26/23 19:18	1
trans-1,2-Dichloroethene	<0.0022		0.0022	0.00098	mg/Kg	✱	07/21/23 18:05	07/26/23 19:18	1
trans-1,3-Dichloropropene	<0.0022		0.0022	0.00077	mg/Kg	✱	07/21/23 18:05	07/26/23 19:18	1
1,1,1-Trichloroethane	<0.0022		0.0022	0.00074	mg/Kg	✱	07/21/23 18:05	07/26/23 19:18	1
1,1,2-Trichloroethane	<0.0022		0.0022	0.00095	mg/Kg	✱	07/21/23 18:05	07/26/23 19:18	1
Trichloroethene	<0.0022		0.0022	0.00075	mg/Kg	✱	07/21/23 18:05	07/26/23 19:18	1
Vinyl chloride	<0.0022	+	0.0022	0.00098	mg/Kg	✱	07/21/23 18:05	07/26/23 19:18	1
Xylenes, Total	<0.0044		0.0044	0.00071	mg/Kg	✱	07/21/23 18:05	07/26/23 19:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		75 - 131	07/21/23 18:05	07/26/23 19:18	1
Dibromofluoromethane (Surr)	99		75 - 126	07/21/23 18:05	07/26/23 19:18	1
1,2-Dichloroethane-d4 (Surr)	101		70 - 134	07/21/23 18:05	07/26/23 19:18	1
Toluene-d8 (Surr)	81		75 - 124	07/21/23 18:05	07/26/23 19:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.63		0.63	0.11	mg/Kg	✱	07/20/23 15:20	08/02/23 06:18	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		72 - 124	07/20/23 15:20	08/02/23 06:18	50
Dibromofluoromethane (Surr)	100		75 - 120	07/20/23 15:20	08/02/23 06:18	50
1,2-Dichloroethane-d4 (Surr)	102		75 - 126	07/20/23 15:20	08/02/23 06:18	50

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-20(0-6.5)-072023

Lab Sample ID: 500-237024-11

Date Collected: 07/20/23 15:20

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 82.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	104		75 - 120	07/20/23 15:20	08/02/23 06:18	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.043	mg/Kg	☆	07/25/23 13:07	07/27/23 23:38	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☆	07/25/23 13:07	07/27/23 23:38	1
1,3-Dichlorobenzene	<0.20		0.20	0.045	mg/Kg	☆	07/25/23 13:07	07/27/23 23:38	1
1,4-Dichlorobenzene	<0.20		0.20	0.051	mg/Kg	☆	07/25/23 13:07	07/27/23 23:38	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	☆	07/25/23 13:07	07/27/23 23:38	1
2,4,5-Trichlorophenol	<0.39		0.39	0.091	mg/Kg	☆	07/25/23 13:07	07/27/23 23:38	1
2,4,6-Trichlorophenol	<0.39		0.39	0.14	mg/Kg	☆	07/25/23 13:07	07/27/23 23:38	1
2,4-Dichlorophenol	<0.39		0.39	0.094	mg/Kg	☆	07/25/23 13:07	07/27/23 23:38	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	☆	07/25/23 13:07	07/27/23 23:38	1
2,4-Dinitrophenol	<0.80		0.80	0.70	mg/Kg	☆	07/25/23 13:07	07/27/23 23:38	1
2,4-Dinitrotoluene	<0.20		0.20	0.063	mg/Kg	☆	07/25/23 13:07	07/27/23 23:38	1
2,6-Dinitrotoluene	<0.20		0.20	0.078	mg/Kg	☆	07/25/23 13:07	07/27/23 23:38	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	☆	07/25/23 13:07	07/27/23 23:38	1
2-Chlorophenol	<0.20		0.20	0.068	mg/Kg	☆	07/25/23 13:07	07/27/23 23:38	1
2-Methylnaphthalene	<0.080		0.080	0.0073	mg/Kg	☆	07/25/23 13:07	07/27/23 23:38	1
2-Methylphenol	<0.20		0.20	0.064	mg/Kg	☆	07/25/23 13:07	07/27/23 23:38	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	☆	07/25/23 13:07	07/27/23 23:38	1
2-Nitrophenol	<0.39		0.39	0.094	mg/Kg	☆	07/25/23 13:07	07/27/23 23:38	1
3 & 4 Methylphenol	<0.20		0.20	0.066	mg/Kg	☆	07/25/23 13:07	07/27/23 23:38	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.056	mg/Kg	☆	07/25/23 13:07	07/27/23 23:38	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☆	07/25/23 13:07	07/27/23 23:38	1
4,6-Dinitro-2-methylphenol	<0.80		0.80	0.32	mg/Kg	☆	07/25/23 13:07	07/27/23 23:38	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☆	07/25/23 13:07	07/27/23 23:38	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	☆	07/25/23 13:07	07/27/23 23:38	1
4-Chloroaniline	<0.80		0.80	0.19	mg/Kg	☆	07/25/23 13:07	07/27/23 23:38	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	☆	07/25/23 13:07	07/27/23 23:38	1
4-Nitroaniline	<0.39		0.39	0.17	mg/Kg	☆	07/25/23 13:07	07/27/23 23:38	1
4-Nitrophenol	<0.80		0.80	0.38	mg/Kg	☆	07/25/23 13:07	07/27/23 23:38	1
Acenaphthene	<0.039		0.039	0.0071	mg/Kg	☆	07/25/23 13:07	07/27/23 23:38	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	☆	07/25/23 13:07	07/27/23 23:38	1
Anthracene	<0.039		0.039	0.0066	mg/Kg	☆	07/25/23 13:07	07/27/23 23:38	1
Benzo[a]anthracene	0.025	J	0.039	0.0053	mg/Kg	☆	07/25/23 13:07	07/27/23 23:38	1
Benzo[a]pyrene	0.031	J	0.039	0.0077	mg/Kg	☆	07/25/23 13:07	07/27/23 23:38	1
Benzo[b]fluoranthene	0.040		0.039	0.0086	mg/Kg	☆	07/25/23 13:07	07/27/23 23:38	1
Benzo[g,h,i]perylene	0.034	J	0.039	0.013	mg/Kg	☆	07/25/23 13:07	07/27/23 23:38	1
Benzo[k]fluoranthene	0.014	J	0.039	0.012	mg/Kg	☆	07/25/23 13:07	07/27/23 23:38	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	☆	07/25/23 13:07	07/27/23 23:38	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	☆	07/25/23 13:07	07/27/23 23:38	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.073	mg/Kg	☆	07/25/23 13:07	07/27/23 23:38	1
Butyl benzyl phthalate	<0.20	*	0.20	0.076	mg/Kg	☆	07/25/23 13:07	07/27/23 23:38	1
Carbazole	<0.20		0.20	0.099	mg/Kg	☆	07/25/23 13:07	07/27/23 23:38	1
Chrysene	0.023	J	0.039	0.011	mg/Kg	☆	07/25/23 13:07	07/27/23 23:38	1
Dibenz(a,h)anthracene	<0.039		0.039	0.0077	mg/Kg	☆	07/25/23 13:07	07/27/23 23:38	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	☆	07/25/23 13:07	07/27/23 23:38	1
Diethyl phthalate	<0.20		0.20	0.067	mg/Kg	☆	07/25/23 13:07	07/27/23 23:38	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-20(0-6.5)-072023

Lab Sample ID: 500-237024-11

Date Collected: 07/20/23 15:20

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 82.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	<0.20		0.20	0.052	mg/Kg	✳	07/25/23 13:07	07/27/23 23:38	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	✳	07/25/23 13:07	07/27/23 23:38	1
Di-n-octyl phthalate	<0.20		0.20	0.065	mg/Kg	✳	07/25/23 13:07	07/27/23 23:38	1
Fluoranthene	0.036	J	0.039	0.0074	mg/Kg	✳	07/25/23 13:07	07/27/23 23:38	1
Fluorene	<0.039		0.039	0.0056	mg/Kg	✳	07/25/23 13:07	07/27/23 23:38	1
Hexachlorobenzene	<0.080		0.080	0.0092	mg/Kg	✳	07/25/23 13:07	07/27/23 23:38	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	✳	07/25/23 13:07	07/27/23 23:38	1
Hexachlorocyclopentadiene	<0.80		0.80	0.23	mg/Kg	✳	07/25/23 13:07	07/27/23 23:38	1
Hexachloroethane	<0.20	*	0.20	0.060	mg/Kg	✳	07/25/23 13:07	07/27/23 23:38	1
Indeno[1,2,3-cd]pyrene	0.055		0.039	0.010	mg/Kg	✳	07/25/23 13:07	07/27/23 23:38	1
Isophorone	<0.20		0.20	0.045	mg/Kg	✳	07/25/23 13:07	07/27/23 23:38	1
Naphthalene	<0.039		0.039	0.0061	mg/Kg	✳	07/25/23 13:07	07/27/23 23:38	1
Nitrobenzene	<0.039		0.039	0.0099	mg/Kg	✳	07/25/23 13:07	07/27/23 23:38	1
N-Nitrosodi-n-propylamine	<0.080		0.080	0.049	mg/Kg	✳	07/25/23 13:07	07/27/23 23:38	1
N-Nitrosodiphenylamine	<0.20		0.20	0.047	mg/Kg	✳	07/25/23 13:07	07/27/23 23:38	1
Pentachlorophenol	<0.80		0.80	0.64	mg/Kg	✳	07/25/23 13:07	07/27/23 23:38	1
Phenanthrene	<0.039		0.039	0.0055	mg/Kg	✳	07/25/23 13:07	07/27/23 23:38	1
Phenol	<0.20		0.20	0.088	mg/Kg	✳	07/25/23 13:07	07/27/23 23:38	1
Pyrene	0.038	J	0.039	0.0079	mg/Kg	✳	07/25/23 13:07	07/27/23 23:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	61		31 - 166	07/25/23 13:07	07/27/23 23:38	1
Phenol-d5 (Surr)	67		30 - 153	07/25/23 13:07	07/27/23 23:38	1
Nitrobenzene-d5 (Surr)	57		37 - 147	07/25/23 13:07	07/27/23 23:38	1
2-Fluorobiphenyl (Surr)	56		43 - 145	07/25/23 13:07	07/27/23 23:38	1
2,4,6-Tribromophenol (Surr)	43		31 - 143	07/25/23 13:07	07/27/23 23:38	1
Terphenyl-d14 (Surr)	73		42 - 157	07/25/23 13:07	07/27/23 23:38	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	13000		11	4.7	mg/Kg	✳	07/24/23 09:42	07/25/23 22:56	1
Antimony	0.50	J B	1.1	0.22	mg/Kg	✳	07/24/23 09:42	07/25/23 22:56	1
Arsenic	5.3		0.57	0.19	mg/Kg	✳	07/24/23 09:42	07/25/23 22:56	1
Barium	98	B	0.57	0.065	mg/Kg	✳	07/24/23 09:42	07/25/23 22:56	1
Beryllium	0.89	B	0.23	0.053	mg/Kg	✳	07/24/23 09:42	07/25/23 22:56	1
Cadmium	0.33	B	0.11	0.020	mg/Kg	✳	07/24/23 09:42	07/25/23 22:56	1
Calcium	5100		11	1.9	mg/Kg	✳	07/24/23 09:42	07/25/23 22:56	1
Chromium	17		0.57	0.28	mg/Kg	✳	07/24/23 09:42	07/25/23 22:56	1
Cobalt	9.5		0.28	0.075	mg/Kg	✳	07/24/23 09:42	07/25/23 22:56	1
Copper	25		0.57	0.16	mg/Kg	✳	07/24/23 09:42	07/25/23 22:56	1
Iron	16000		11	5.9	mg/Kg	✳	07/24/23 09:42	07/25/23 22:56	1
Lead	21		0.28	0.13	mg/Kg	✳	07/24/23 09:42	07/25/23 22:56	1
Magnesium	3500		5.7	2.8	mg/Kg	✳	07/24/23 09:42	07/25/23 22:56	1
Manganese	250	B	0.57	0.083	mg/Kg	✳	07/24/23 09:42	07/25/23 22:56	1
Nickel	25		0.57	0.17	mg/Kg	✳	07/24/23 09:42	07/25/23 22:56	1
Potassium	2000		28	10	mg/Kg	✳	07/24/23 09:42	07/25/23 22:56	1
Selenium	0.89		0.57	0.33	mg/Kg	✳	07/24/23 09:42	07/25/23 22:56	1
Silver	<0.28		0.28	0.073	mg/Kg	✳	07/24/23 09:42	07/25/23 22:56	1
Sodium	3200		57	8.4	mg/Kg	✳	07/24/23 09:42	07/25/23 22:56	1
Thallium	<0.57		0.57	0.28	mg/Kg	✳	07/24/23 09:42	07/25/23 22:56	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-20(0-6.5)-072023

Lab Sample ID: 500-237024-11

Date Collected: 07/20/23 15:20

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 82.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	22		0.28	0.067	mg/Kg	☼	07/24/23 09:42	07/25/23 22:56	1
Zinc	67		1.1	0.50	mg/Kg	☼	07/24/23 09:42	07/25/23 22:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/26/23 16:51	07/27/23 22:07	1
Barium	0.28	J	0.50	0.050	mg/L		07/26/23 16:51	07/27/23 22:07	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/26/23 16:51	07/27/23 22:07	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/26/23 16:51	07/27/23 22:07	1
Chromium	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 22:07	1
Cobalt	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 22:07	1
Copper	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 22:07	1
Iron	0.35	J	0.40	0.20	mg/L		07/26/23 16:51	07/27/23 22:07	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/26/23 16:51	07/27/23 22:07	1
Manganese	2.9		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 22:07	1
Nickel	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 22:07	1
Selenium	<0.050	^1+	0.050	0.020	mg/L		07/26/23 16:51	07/27/23 22:07	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 22:07	1
Zinc	0.021	J B	0.50	0.020	mg/L		07/26/23 16:51	07/27/23 22:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.037	J	0.050	0.010	mg/L		07/26/23 16:52	07/27/23 18:30	1
Barium	0.63		0.50	0.050	mg/L		07/26/23 16:52	07/27/23 18:30	1
Beryllium	0.0063		0.0040	0.0040	mg/L		07/26/23 16:52	07/27/23 18:30	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/26/23 16:52	07/27/23 18:30	1
Chromium	0.13		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:30	1
Cobalt	0.042		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:30	1
Copper	0.16		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:30	1
Iron	130		0.40	0.20	mg/L		07/26/23 16:52	07/27/23 18:30	1
Lead	0.091		0.0075	0.0075	mg/L		07/26/23 16:52	07/27/23 18:30	1
Manganese	1.3		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:30	1
Nickel	0.12		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:30	1
Selenium	<0.050		0.050	0.020	mg/L		07/26/23 16:52	07/27/23 18:30	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:30	1
Zinc	0.34	J B	0.50	0.020	mg/L		07/26/23 16:52	07/27/23 18:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/31/23 12:20	08/01/23 09:07	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.021		0.018	0.0094	mg/Kg	☼	07/31/23 16:50	08/01/23 09:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.5		0.2	0.2	SU			07/26/23 21:37	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-20(0-6.5)-072023D

Lab Sample ID: 500-237024-12

Date Collected: 07/20/23 15:20

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 81.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.11	*+ *1	0.022	0.0096	mg/Kg	☼	07/21/23 18:05	07/26/23 19:43	1
Benzene	<0.0022		0.0022	0.00056	mg/Kg	☼	07/21/23 18:05	07/26/23 19:43	1
Bromodichloromethane	<0.0022		0.0022	0.00045	mg/Kg	☼	07/21/23 18:05	07/26/23 19:43	1
Bromoform	<0.0022		0.0022	0.00064	mg/Kg	☼	07/21/23 18:05	07/26/23 19:43	1
Bromomethane	<0.0055	*+	0.0055	0.0021	mg/Kg	☼	07/21/23 18:05	07/26/23 19:43	1
Carbon disulfide	0.0013	J	0.0055	0.0011	mg/Kg	☼	07/21/23 18:05	07/26/23 19:43	1
Carbon tetrachloride	<0.0022		0.0022	0.00064	mg/Kg	☼	07/21/23 18:05	07/26/23 19:43	1
Chlorobenzene	<0.0022		0.0022	0.00081	mg/Kg	☼	07/21/23 18:05	07/26/23 19:43	1
Chloroethane	<0.0055	*+	0.0055	0.0016	mg/Kg	☼	07/21/23 18:05	07/26/23 19:43	1
Chloroform	<0.0022		0.0022	0.00077	mg/Kg	☼	07/21/23 18:05	07/26/23 19:43	1
Chloromethane	<0.0055	*+	0.0055	0.0022	mg/Kg	☼	07/21/23 18:05	07/26/23 19:43	1
cis-1,2-Dichloroethene	<0.0022		0.0022	0.00062	mg/Kg	☼	07/21/23 18:05	07/26/23 19:43	1
cis-1,3-Dichloropropene	<0.0022		0.0022	0.00066	mg/Kg	☼	07/21/23 18:05	07/26/23 19:43	1
Dibromochloromethane	<0.0022		0.0022	0.00072	mg/Kg	☼	07/21/23 18:05	07/26/23 19:43	1
1,1-Dichloroethane	<0.0022		0.0022	0.00076	mg/Kg	☼	07/21/23 18:05	07/26/23 19:43	1
1,2-Dichloroethane	<0.0055		0.0055	0.0017	mg/Kg	☼	07/21/23 18:05	07/26/23 19:43	1
1,1-Dichloroethene	<0.0022	*+	0.0022	0.00076	mg/Kg	☼	07/21/23 18:05	07/26/23 19:43	1
1,2-Dichloropropane	<0.0022		0.0022	0.00057	mg/Kg	☼	07/21/23 18:05	07/26/23 19:43	1
1,3-Dichloropropene, Total	<0.0022		0.0022	0.00077	mg/Kg	☼	07/21/23 18:05	07/26/23 19:43	1
Ethylbenzene	<0.0022		0.0022	0.0011	mg/Kg	☼	07/21/23 18:05	07/26/23 19:43	1
2-Hexanone	<0.0055		0.0055	0.0017	mg/Kg	☼	07/21/23 18:05	07/26/23 19:43	1
Methylene Chloride	<0.0055		0.0055	0.0022	mg/Kg	☼	07/21/23 18:05	07/26/23 19:43	1
Methyl Ethyl Ketone	<0.0055		0.0055	0.0024	mg/Kg	☼	07/21/23 18:05	07/26/23 19:43	1
methyl isobutyl ketone	<0.0055		0.0055	0.0016	mg/Kg	☼	07/21/23 18:05	07/26/23 19:43	1
Methyl tert-butyl ether	<0.0022		0.0022	0.00065	mg/Kg	☼	07/21/23 18:05	07/26/23 19:43	1
Styrene	<0.0022		0.0022	0.00067	mg/Kg	☼	07/21/23 18:05	07/26/23 19:43	1
1,1,2,2-Tetrachloroethane	<0.0022		0.0022	0.00070	mg/Kg	☼	07/21/23 18:05	07/26/23 19:43	1
Tetrachloroethene	<0.0022		0.0022	0.00075	mg/Kg	☼	07/21/23 18:05	07/26/23 19:43	1
Toluene	<0.0022		0.0022	0.00056	mg/Kg	☼	07/21/23 18:05	07/26/23 19:43	1
trans-1,2-Dichloroethene	<0.0022		0.0022	0.00098	mg/Kg	☼	07/21/23 18:05	07/26/23 19:43	1
trans-1,3-Dichloropropene	<0.0022		0.0022	0.00077	mg/Kg	☼	07/21/23 18:05	07/26/23 19:43	1
1,1,1-Trichloroethane	<0.0022		0.0022	0.00074	mg/Kg	☼	07/21/23 18:05	07/26/23 19:43	1
1,1,2-Trichloroethane	<0.0022		0.0022	0.00095	mg/Kg	☼	07/21/23 18:05	07/26/23 19:43	1
Trichloroethene	<0.0022		0.0022	0.00075	mg/Kg	☼	07/21/23 18:05	07/26/23 19:43	1
Vinyl chloride	<0.0022	*+	0.0022	0.00098	mg/Kg	☼	07/21/23 18:05	07/26/23 19:43	1
Xylenes, Total	<0.0044		0.0044	0.00071	mg/Kg	☼	07/21/23 18:05	07/26/23 19:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		75 - 131	07/21/23 18:05	07/26/23 19:43	1
Dibromofluoromethane (Surr)	107		75 - 126	07/21/23 18:05	07/26/23 19:43	1
1,2-Dichloroethane-d4 (Surr)	104		70 - 134	07/21/23 18:05	07/26/23 19:43	1
Toluene-d8 (Surr)	86		75 - 124	07/21/23 18:05	07/26/23 19:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
1,2-Dichlorobenzene	<0.20		0.20	0.048	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
1,3-Dichlorobenzene	<0.20		0.20	0.046	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
1,4-Dichlorobenzene	<0.20		0.20	0.052	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.047	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-20(0-6.5)-072023D

Lab Sample ID: 500-237024-12

Date Collected: 07/20/23 15:20

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 81.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.40		0.40	0.092	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
2,4,6-Trichlorophenol	<0.40		0.40	0.14	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
2,4-Dichlorophenol	<0.40		0.40	0.096	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
2,4-Dimethylphenol	<0.40		0.40	0.15	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
2,4-Dinitrophenol	<0.82		0.82	0.71	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
2,4-Dinitrotoluene	<0.20		0.20	0.064	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
2,6-Dinitrotoluene	<0.20		0.20	0.080	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
2-Chloronaphthalene	<0.20		0.20	0.045	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
2-Chlorophenol	<0.20		0.20	0.069	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
2-Methylnaphthalene	<0.082		0.082	0.0074	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
2-Methylphenol	<0.20		0.20	0.065	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
2-Nitroaniline	<0.20		0.20	0.054	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
2-Nitrophenol	<0.40		0.40	0.096	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
3 & 4 Methylphenol	<0.20		0.20	0.068	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.057	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
3-Nitroaniline	<0.40		0.40	0.13	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
4,6-Dinitro-2-methylphenol	<0.82		0.82	0.33	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.053	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
4-Chloro-3-methylphenol	<0.40		0.40	0.14	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
4-Chloroaniline	<0.82		0.82	0.19	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.047	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
4-Nitroaniline	<0.40		0.40	0.17	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
4-Nitrophenol	<0.82		0.82	0.39	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
Acenaphthene	<0.040		0.040	0.0073	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
Acenaphthylene	<0.040		0.040	0.0053	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
Anthracene	<0.040		0.040	0.0068	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
Benzo[a]anthracene	0.028	J	0.040	0.0054	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
Benzo[a]pyrene	0.030	J	0.040	0.0078	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
Benzo[b]fluoranthene	0.041		0.040	0.0087	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
Benzo[g,h,i]perylene	0.034	J	0.040	0.013	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
Benzo[k]fluoranthene	0.015	J	0.040	0.012	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.041	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.061	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.074	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
Butyl benzyl phthalate	<0.20	*	0.20	0.077	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
Carbazole	<0.20		0.20	0.10	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
Chrysene	0.024	J	0.040	0.011	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
Dibenz(a,h)anthracene	<0.040		0.040	0.0078	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
Dibenzofuran	<0.20		0.20	0.047	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
Diethyl phthalate	<0.20		0.20	0.069	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
Dimethyl phthalate	<0.20		0.20	0.053	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
Di-n-butyl phthalate	<0.20		0.20	0.062	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
Di-n-octyl phthalate	<0.20		0.20	0.066	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
Fluoranthene	0.037	J	0.040	0.0075	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
Fluorene	<0.040		0.040	0.0057	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
Hexachlorobenzene	<0.082		0.082	0.0094	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
Hexachlorobutadiene	<0.20		0.20	0.064	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
Hexachlorocyclopentadiene	<0.82		0.82	0.23	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1
Hexachloroethane	<0.20	*	0.20	0.062	mg/Kg	☼	07/25/23 13:07	07/27/23 22:54	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-20(0-6.5)-072023D

Lab Sample ID: 500-237024-12

Date Collected: 07/20/23 15:20

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 81.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.058		0.040	0.010	mg/Kg	✳	07/25/23 13:07	07/27/23 22:54	1
Isophorone	<0.20		0.20	0.045	mg/Kg	✳	07/25/23 13:07	07/27/23 22:54	1
Naphthalene	<0.040		0.040	0.0062	mg/Kg	✳	07/25/23 13:07	07/27/23 22:54	1
Nitrobenzene	<0.040		0.040	0.010	mg/Kg	✳	07/25/23 13:07	07/27/23 22:54	1
N-Nitrosodi-n-propylamine	<0.082		0.082	0.049	mg/Kg	✳	07/25/23 13:07	07/27/23 22:54	1
N-Nitrosodiphenylamine	<0.20		0.20	0.048	mg/Kg	✳	07/25/23 13:07	07/27/23 22:54	1
Pentachlorophenol	<0.82		0.82	0.65	mg/Kg	✳	07/25/23 13:07	07/27/23 22:54	1
Phenanthrene	<0.040		0.040	0.0056	mg/Kg	✳	07/25/23 13:07	07/27/23 22:54	1
Phenol	<0.20		0.20	0.090	mg/Kg	✳	07/25/23 13:07	07/27/23 22:54	1
Pyrene	0.039	J	0.040	0.0080	mg/Kg	✳	07/25/23 13:07	07/27/23 22:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	67		31 - 166	07/25/23 13:07	07/27/23 22:54	1
Phenol-d5 (Surr)	71		30 - 153	07/25/23 13:07	07/27/23 22:54	1
Nitrobenzene-d5 (Surr)	63		37 - 147	07/25/23 13:07	07/27/23 22:54	1
2-Fluorobiphenyl (Surr)	60		43 - 145	07/25/23 13:07	07/27/23 22:54	1
2,4,6-Tribromophenol (Surr)	53		31 - 143	07/25/23 13:07	07/27/23 22:54	1
Terphenyl-d14 (Surr)	88		42 - 157	07/25/23 13:07	07/27/23 22:54	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	14000		11	4.6	mg/Kg	✳	07/24/23 09:42	07/25/23 22:59	1
Antimony	0.31	J B	1.1	0.22	mg/Kg	✳	07/24/23 09:42	07/25/23 22:59	1
Arsenic	5.8		0.57	0.19	mg/Kg	✳	07/24/23 09:42	07/25/23 22:59	1
Barium	97	B	0.57	0.065	mg/Kg	✳	07/24/23 09:42	07/25/23 22:59	1
Beryllium	0.89	B	0.23	0.053	mg/Kg	✳	07/24/23 09:42	07/25/23 22:59	1
Cadmium	0.32	B	0.11	0.020	mg/Kg	✳	07/24/23 09:42	07/25/23 22:59	1
Calcium	5200		11	1.9	mg/Kg	✳	07/24/23 09:42	07/25/23 22:59	1
Chromium	17		0.57	0.28	mg/Kg	✳	07/24/23 09:42	07/25/23 22:59	1
Cobalt	9.3		0.28	0.075	mg/Kg	✳	07/24/23 09:42	07/25/23 22:59	1
Copper	23		0.57	0.16	mg/Kg	✳	07/24/23 09:42	07/25/23 22:59	1
Iron	16000		11	5.9	mg/Kg	✳	07/24/23 09:42	07/25/23 22:59	1
Lead	22		0.28	0.13	mg/Kg	✳	07/24/23 09:42	07/25/23 22:59	1
Magnesium	3700		5.7	2.8	mg/Kg	✳	07/24/23 09:42	07/25/23 22:59	1
Manganese	290	B	0.57	0.083	mg/Kg	✳	07/24/23 09:42	07/25/23 22:59	1
Nickel	24		0.57	0.17	mg/Kg	✳	07/24/23 09:42	07/25/23 22:59	1
Potassium	2100		28	10	mg/Kg	✳	07/24/23 09:42	07/25/23 22:59	1
Selenium	0.88		0.57	0.33	mg/Kg	✳	07/24/23 09:42	07/25/23 22:59	1
Silver	0.16	J	0.28	0.073	mg/Kg	✳	07/24/23 09:42	07/25/23 22:59	1
Sodium	3300		57	8.4	mg/Kg	✳	07/24/23 09:42	07/25/23 22:59	1
Thallium	<0.57		0.57	0.28	mg/Kg	✳	07/24/23 09:42	07/25/23 22:59	1
Vanadium	24		0.28	0.067	mg/Kg	✳	07/24/23 09:42	07/25/23 22:59	1
Zinc	71		1.1	0.50	mg/Kg	✳	07/24/23 09:42	07/25/23 22:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/26/23 16:51	07/27/23 22:20	1
Barium	0.29	J	0.50	0.050	mg/L		07/26/23 16:51	07/27/23 22:20	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/26/23 16:51	07/27/23 22:20	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/26/23 16:51	07/27/23 22:20	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-20(0-6.5)-072023D

Lab Sample ID: 500-237024-12

Date Collected: 07/20/23 15:20

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 81.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 22:20	1
Cobalt	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 22:20	1
Copper	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 22:20	1
Iron	0.51		0.40	0.20	mg/L		07/26/23 16:51	07/27/23 22:20	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/26/23 16:51	07/27/23 22:20	1
Manganese	2.3		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 22:20	1
Nickel	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 22:20	1
Selenium	<0.050	^1+	0.050	0.020	mg/L		07/26/23 16:51	07/27/23 22:20	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 22:20	1
Zinc	<0.50		0.50	0.020	mg/L		07/26/23 16:51	07/27/23 22:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.070		0.050	0.010	mg/L		07/26/23 16:52	07/27/23 18:34	1
Barium	0.83		0.50	0.050	mg/L		07/26/23 16:52	07/27/23 18:34	1
Beryllium	0.010		0.0040	0.0040	mg/L		07/26/23 16:52	07/27/23 18:34	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/26/23 16:52	07/27/23 18:34	1
Chromium	0.19		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:34	1
Cobalt	0.072		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:34	1
Copper	0.23		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:34	1
Iron	210		0.40	0.20	mg/L		07/26/23 16:52	07/27/23 18:34	1
Lead	0.13		0.0075	0.0075	mg/L		07/26/23 16:52	07/27/23 18:34	1
Manganese	1.8		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:34	1
Nickel	0.21		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:34	1
Selenium	<0.050		0.050	0.020	mg/L		07/26/23 16:52	07/27/23 18:34	1
Silver	0.011	J	0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:34	1
Zinc	0.49	J B	0.50	0.020	mg/L		07/26/23 16:52	07/27/23 18:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/31/23 12:20	08/01/23 09:09	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.022		0.019	0.010	mg/Kg	☆	07/31/23 16:50	08/01/23 09:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.6		0.2	0.2	SU			07/26/23 21:40	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-20(6.5-13)-072023

Lab Sample ID: 500-237024-13

Date Collected: 07/20/23 15:25

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 85.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.019		0.019	0.0081	mg/Kg	☼	07/21/23 18:05	07/26/23 04:32	1
Benzene	<0.0019		0.0019	0.00048	mg/Kg	☼	07/21/23 18:05	07/26/23 04:32	1
Bromodichloromethane	<0.0019		0.0019	0.00038	mg/Kg	☼	07/21/23 18:05	07/26/23 04:32	1
Bromoform	<0.0019		0.0019	0.00055	mg/Kg	☼	07/21/23 18:05	07/26/23 04:32	1
Bromomethane	<0.0047		0.0047	0.0018	mg/Kg	☼	07/21/23 18:05	07/26/23 04:32	1
Carbon disulfide	<0.0047		0.0047	0.00097	mg/Kg	☼	07/21/23 18:05	07/26/23 04:32	1
Carbon tetrachloride	<0.0019		0.0019	0.00054	mg/Kg	☼	07/21/23 18:05	07/26/23 04:32	1
Chlorobenzene	<0.0019		0.0019	0.00069	mg/Kg	☼	07/21/23 18:05	07/26/23 04:32	1
Chloroethane	<0.0047		0.0047	0.0014	mg/Kg	☼	07/21/23 18:05	07/26/23 04:32	1
Chloroform	<0.0019		0.0019	0.00065	mg/Kg	☼	07/21/23 18:05	07/26/23 04:32	1
Chloromethane	<0.0047		0.0047	0.0019	mg/Kg	☼	07/21/23 18:05	07/26/23 04:32	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00052	mg/Kg	☼	07/21/23 18:05	07/26/23 04:32	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00056	mg/Kg	☼	07/21/23 18:05	07/26/23 04:32	1
Dibromochloromethane	<0.0019		0.0019	0.00061	mg/Kg	☼	07/21/23 18:05	07/26/23 04:32	1
1,1-Dichloroethane	<0.0019		0.0019	0.00064	mg/Kg	☼	07/21/23 18:05	07/26/23 04:32	1
1,2-Dichloroethane	<0.0047		0.0047	0.0015	mg/Kg	☼	07/21/23 18:05	07/26/23 04:32	1
1,1-Dichloroethene	<0.0019		0.0019	0.00064	mg/Kg	☼	07/21/23 18:05	07/26/23 04:32	1
1,2-Dichloropropane	<0.0019		0.0019	0.00048	mg/Kg	☼	07/21/23 18:05	07/26/23 04:32	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00066	mg/Kg	☼	07/21/23 18:05	07/26/23 04:32	1
Ethylbenzene	<0.0019		0.0019	0.00089	mg/Kg	☼	07/21/23 18:05	07/26/23 04:32	1
2-Hexanone	<0.0047		0.0047	0.0015	mg/Kg	☼	07/21/23 18:05	07/26/23 04:32	1
Methylene Chloride	<0.0047		0.0047	0.0018	mg/Kg	☼	07/21/23 18:05	07/26/23 04:32	1
Methyl Ethyl Ketone	<0.0047		0.0047	0.0021	mg/Kg	☼	07/21/23 18:05	07/26/23 04:32	1
methyl isobutyl ketone	<0.0047		0.0047	0.0014	mg/Kg	☼	07/21/23 18:05	07/26/23 04:32	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00055	mg/Kg	☼	07/21/23 18:05	07/26/23 04:32	1
Styrene	<0.0019		0.0019	0.00056	mg/Kg	☼	07/21/23 18:05	07/26/23 04:32	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00060	mg/Kg	☼	07/21/23 18:05	07/26/23 04:32	1
Tetrachloroethene	<0.0019		0.0019	0.00064	mg/Kg	☼	07/21/23 18:05	07/26/23 04:32	1
Toluene	<0.0019		0.0019	0.00047	mg/Kg	☼	07/21/23 18:05	07/26/23 04:32	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00083	mg/Kg	☼	07/21/23 18:05	07/26/23 04:32	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00066	mg/Kg	☼	07/21/23 18:05	07/26/23 04:32	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00063	mg/Kg	☼	07/21/23 18:05	07/26/23 04:32	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00080	mg/Kg	☼	07/21/23 18:05	07/26/23 04:32	1
Trichloroethene	<0.0019		0.0019	0.00063	mg/Kg	☼	07/21/23 18:05	07/26/23 04:32	1
Vinyl chloride	<0.0019		0.0019	0.00083	mg/Kg	☼	07/21/23 18:05	07/26/23 04:32	1
Xylenes, Total	<0.0037		0.0037	0.00060	mg/Kg	☼	07/21/23 18:05	07/26/23 04:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	135	S1+	75 - 131	07/21/23 18:05	07/26/23 04:32	1
Dibromofluoromethane (Surr)	119		75 - 126	07/21/23 18:05	07/26/23 04:32	1
1,2-Dichloroethane-d4 (Surr)	137	S1+	70 - 134	07/21/23 18:05	07/26/23 04:32	1
Toluene-d8 (Surr)	118		75 - 124	07/21/23 18:05	07/26/23 04:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-20(6.5-13)-072023

Lab Sample ID: 500-237024-13

Date Collected: 07/20/23 15:25

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 85.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.085	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
2,4-Dichlorophenol	<0.37		0.37	0.089	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
2,4-Dinitrophenol	<0.75		0.75	0.66	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
2,4-Dinitrotoluene	<0.19		0.19	0.059	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
2,6-Dinitrotoluene	<0.19		0.19	0.073	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
2-Chlorophenol	<0.19		0.19	0.064	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
2-Methylnaphthalene	<0.075		0.075	0.0069	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
2-Nitrophenol	<0.37		0.37	0.088	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
3 & 4 Methylphenol	<0.19		0.19	0.062	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.052	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.30	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
4-Chloroaniline	<0.75		0.75	0.18	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
4-Nitrophenol	<0.75		0.75	0.36	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
Acenaphthene	<0.037		0.037	0.0067	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
Acenaphthylene	<0.037		0.037	0.0049	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
Anthracene	<0.037		0.037	0.0062	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
Benzo[a]anthracene	<0.037		0.037	0.0050	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
Benzo[a]pyrene	<0.037		0.037	0.0072	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
Benzo[b]fluoranthene	<0.037		0.037	0.0081	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
Benzo[g,h,i]perylene	<0.037		0.037	0.012	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
Benzo[k]fluoranthene	<0.037		0.037	0.011	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.068	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
Butyl benzyl phthalate	<0.19	*	0.19	0.071	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
Carbazole	<0.19		0.19	0.093	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
Chrysene	<0.037		0.037	0.010	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
Dibenz(a,h)anthracene	<0.037		0.037	0.0072	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
Diethyl phthalate	<0.19		0.19	0.063	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
Fluoranthene	<0.037		0.037	0.0069	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
Fluorene	<0.037		0.037	0.0053	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
Hexachlorobenzene	<0.075		0.075	0.0087	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
Hexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
Hexachlorocyclopentadiene	<0.75		0.75	0.21	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1
Hexachloroethane	<0.19	*	0.19	0.057	mg/Kg	☼	07/25/23 13:07	07/27/23 21:47	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-20(6.5-13)-072023

Lab Sample ID: 500-237024-13

Date Collected: 07/20/23 15:25

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 85.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.037		0.037	0.0097	mg/Kg	✳	07/25/23 13:07	07/27/23 21:47	1
Isophorone	<0.19		0.19	0.042	mg/Kg	✳	07/25/23 13:07	07/27/23 21:47	1
Naphthalene	<0.037		0.037	0.0058	mg/Kg	✳	07/25/23 13:07	07/27/23 21:47	1
Nitrobenzene	<0.037		0.037	0.0093	mg/Kg	✳	07/25/23 13:07	07/27/23 21:47	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.046	mg/Kg	✳	07/25/23 13:07	07/27/23 21:47	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	✳	07/25/23 13:07	07/27/23 21:47	1
Pentachlorophenol	<0.75		0.75	0.60	mg/Kg	✳	07/25/23 13:07	07/27/23 21:47	1
Phenanthrene	<0.037		0.037	0.0052	mg/Kg	✳	07/25/23 13:07	07/27/23 21:47	1
Phenol	<0.19		0.19	0.083	mg/Kg	✳	07/25/23 13:07	07/27/23 21:47	1
Pyrene	<0.037		0.037	0.0074	mg/Kg	✳	07/25/23 13:07	07/27/23 21:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	58		31 - 166	07/25/23 13:07	07/27/23 21:47	1
Phenol-d5 (Surr)	63		30 - 153	07/25/23 13:07	07/27/23 21:47	1
Nitrobenzene-d5 (Surr)	55		37 - 147	07/25/23 13:07	07/27/23 21:47	1
2-Fluorobiphenyl (Surr)	57		43 - 145	07/25/23 13:07	07/27/23 21:47	1
2,4,6-Tribromophenol (Surr)	48		31 - 143	07/25/23 13:07	07/27/23 21:47	1
Terphenyl-d14 (Surr)	83		42 - 157	07/25/23 13:07	07/27/23 21:47	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	10000		11	4.5	mg/Kg	✳	07/24/23 09:42	07/25/23 23:03	1
Antimony	0.34	J B	1.1	0.21	mg/Kg	✳	07/24/23 09:42	07/25/23 23:03	1
Arsenic	1.5		0.55	0.19	mg/Kg	✳	07/24/23 09:42	07/25/23 23:03	1
Barium	31	B	0.55	0.063	mg/Kg	✳	07/24/23 09:42	07/25/23 23:03	1
Beryllium	0.71	B	0.22	0.052	mg/Kg	✳	07/24/23 09:42	07/25/23 23:03	1
Cadmium	0.19	B	0.11	0.020	mg/Kg	✳	07/24/23 09:42	07/25/23 23:03	1
Calcium	10000		11	1.9	mg/Kg	✳	07/24/23 09:42	07/26/23 18:48	1
Chromium	15		0.55	0.27	mg/Kg	✳	07/24/23 09:42	07/25/23 23:03	1
Cobalt	10		0.28	0.072	mg/Kg	✳	07/24/23 09:42	07/25/23 23:03	1
Copper	25		0.55	0.15	mg/Kg	✳	07/24/23 09:42	07/25/23 23:03	1
Iron	11000		11	5.7	mg/Kg	✳	07/24/23 09:42	07/25/23 23:03	1
Lead	13		0.28	0.13	mg/Kg	✳	07/24/23 09:42	07/25/23 23:03	1
Magnesium	28000		5.5	2.7	mg/Kg	✳	07/24/23 09:42	07/25/23 23:03	1
Manganese	290	B	0.55	0.080	mg/Kg	✳	07/24/23 09:42	07/25/23 23:03	1
Nickel	30		0.55	0.16	mg/Kg	✳	07/24/23 09:42	07/25/23 23:03	1
Potassium	2800		28	9.8	mg/Kg	✳	07/24/23 09:42	07/25/23 23:03	1
Selenium	0.42	J	0.55	0.32	mg/Kg	✳	07/24/23 09:42	07/25/23 23:03	1
Silver	0.083	J	0.28	0.071	mg/Kg	✳	07/24/23 09:42	07/25/23 23:03	1
Sodium	900		55	8.2	mg/Kg	✳	07/24/23 09:42	07/25/23 23:03	1
Thallium	0.39	J	0.55	0.28	mg/Kg	✳	07/24/23 09:42	07/25/23 23:03	1
Vanadium	18		0.28	0.065	mg/Kg	✳	07/24/23 09:42	07/25/23 23:03	1
Zinc	60		1.1	0.48	mg/Kg	✳	07/24/23 09:42	07/25/23 23:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/26/23 16:51	07/27/23 22:24	1
Barium	0.38	J	0.50	0.050	mg/L		07/26/23 16:51	07/27/23 22:24	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/26/23 16:51	07/27/23 22:24	1
Cadmium	0.0032	J	0.0050	0.0020	mg/L		07/26/23 16:51	07/27/23 22:24	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-20(6.5-13)-072023

Lab Sample ID: 500-237024-13

Date Collected: 07/20/23 15:25

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 85.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 22:24	1
Cobalt	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 22:24	1
Copper	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 22:24	1
Iron	<0.40		0.40	0.20	mg/L		07/26/23 16:51	07/27/23 22:24	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/26/23 16:51	07/27/23 22:24	1
Manganese	1.3		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 22:24	1
Nickel	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 22:24	1
Selenium	<0.050	^1+	0.050	0.020	mg/L		07/26/23 16:51	07/27/23 22:24	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 22:24	1
Zinc	<0.50		0.50	0.020	mg/L		07/26/23 16:51	07/27/23 22:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.043	J	0.050	0.010	mg/L		07/26/23 16:52	07/27/23 18:44	1
Barium	0.33	J	0.50	0.050	mg/L		07/26/23 16:52	07/27/23 18:44	1
Beryllium	0.0067		0.0040	0.0040	mg/L		07/26/23 16:52	07/28/23 15:46	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/26/23 16:52	07/27/23 18:44	1
Chromium	0.13		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:44	1
Cobalt	0.073		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:44	1
Copper	0.17		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:44	1
Iron	92		0.40	0.20	mg/L		07/26/23 16:52	07/28/23 15:46	1
Lead	0.096		0.0075	0.0075	mg/L		07/26/23 16:52	07/27/23 18:44	1
Manganese	0.47		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 15:46	1
Nickel	0.17		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:44	1
Selenium	<0.050		0.050	0.020	mg/L		07/26/23 16:52	07/27/23 18:44	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:44	1
Zinc	0.32	J B	0.50	0.020	mg/L		07/26/23 16:52	07/27/23 18:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/31/23 12:20	08/01/23 09:11	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.018		0.018	0.0095	mg/Kg	☆	07/31/23 16:50	08/01/23 09:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.5		0.2	0.2	SU			07/26/23 21:42	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-20(13-20)-072023

Lab Sample ID: 500-237024-14

Date Collected: 07/20/23 15:30

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 82.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.021		0.021	0.0092	mg/Kg	☼	07/21/23 18:05	07/26/23 04:57	1
Benzene	<0.0021		0.0021	0.00054	mg/Kg	☼	07/21/23 18:05	07/26/23 04:57	1
Bromodichloromethane	<0.0021		0.0021	0.00043	mg/Kg	☼	07/21/23 18:05	07/26/23 04:57	1
Bromoform	<0.0021		0.0021	0.00062	mg/Kg	☼	07/21/23 18:05	07/26/23 04:57	1
Bromomethane	<0.0053		0.0053	0.0020	mg/Kg	☼	07/21/23 18:05	07/26/23 04:57	1
Carbon disulfide	<0.0053		0.0053	0.0011	mg/Kg	☼	07/21/23 18:05	07/26/23 04:57	1
Carbon tetrachloride	<0.0021		0.0021	0.00061	mg/Kg	☼	07/21/23 18:05	07/26/23 04:57	1
Chlorobenzene	<0.0021		0.0021	0.00078	mg/Kg	☼	07/21/23 18:05	07/26/23 04:57	1
Chloroethane	<0.0053		0.0053	0.0016	mg/Kg	☼	07/21/23 18:05	07/26/23 04:57	1
Chloroform	<0.0021		0.0021	0.00073	mg/Kg	☼	07/21/23 18:05	07/26/23 04:57	1
Chloromethane	<0.0053		0.0053	0.0021	mg/Kg	☼	07/21/23 18:05	07/26/23 04:57	1
cis-1,2-Dichloroethene	<0.0021		0.0021	0.00059	mg/Kg	☼	07/21/23 18:05	07/26/23 04:57	1
cis-1,3-Dichloropropene	<0.0021		0.0021	0.00064	mg/Kg	☼	07/21/23 18:05	07/26/23 04:57	1
Dibromochloromethane	<0.0021		0.0021	0.00069	mg/Kg	☼	07/21/23 18:05	07/26/23 04:57	1
1,1-Dichloroethane	<0.0021		0.0021	0.00072	mg/Kg	☼	07/21/23 18:05	07/26/23 04:57	1
1,2-Dichloroethane	<0.0053		0.0053	0.0016	mg/Kg	☼	07/21/23 18:05	07/26/23 04:57	1
1,1-Dichloroethene	<0.0021		0.0021	0.00073	mg/Kg	☼	07/21/23 18:05	07/26/23 04:57	1
1,2-Dichloropropane	<0.0021		0.0021	0.00054	mg/Kg	☼	07/21/23 18:05	07/26/23 04:57	1
1,3-Dichloropropene, Total	<0.0021		0.0021	0.00074	mg/Kg	☼	07/21/23 18:05	07/26/23 04:57	1
Ethylbenzene	<0.0021		0.0021	0.0010	mg/Kg	☼	07/21/23 18:05	07/26/23 04:57	1
2-Hexanone	<0.0053		0.0053	0.0016	mg/Kg	☼	07/21/23 18:05	07/26/23 04:57	1
Methylene Chloride	<0.0053		0.0053	0.0021	mg/Kg	☼	07/21/23 18:05	07/26/23 04:57	1
Methyl Ethyl Ketone	<0.0053		0.0053	0.0023	mg/Kg	☼	07/21/23 18:05	07/26/23 04:57	1
methyl isobutyl ketone	<0.0053		0.0053	0.0016	mg/Kg	☼	07/21/23 18:05	07/26/23 04:57	1
Methyl tert-butyl ether	<0.0021		0.0021	0.00062	mg/Kg	☼	07/21/23 18:05	07/26/23 04:57	1
Styrene	<0.0021		0.0021	0.00064	mg/Kg	☼	07/21/23 18:05	07/26/23 04:57	1
1,1,2,2-Tetrachloroethane	<0.0021		0.0021	0.00067	mg/Kg	☼	07/21/23 18:05	07/26/23 04:57	1
Tetrachloroethene	<0.0021		0.0021	0.00072	mg/Kg	☼	07/21/23 18:05	07/26/23 04:57	1
Toluene	<0.0021		0.0021	0.00053	mg/Kg	☼	07/21/23 18:05	07/26/23 04:57	1
trans-1,2-Dichloroethene	<0.0021		0.0021	0.00093	mg/Kg	☼	07/21/23 18:05	07/26/23 04:57	1
trans-1,3-Dichloropropene	<0.0021		0.0021	0.00074	mg/Kg	☼	07/21/23 18:05	07/26/23 04:57	1
1,1,1-Trichloroethane	<0.0021		0.0021	0.00071	mg/Kg	☼	07/21/23 18:05	07/26/23 04:57	1
1,1,2-Trichloroethane	<0.0021		0.0021	0.00090	mg/Kg	☼	07/21/23 18:05	07/26/23 04:57	1
Trichloroethene	<0.0021		0.0021	0.00071	mg/Kg	☼	07/21/23 18:05	07/26/23 04:57	1
Vinyl chloride	<0.0021		0.0021	0.00093	mg/Kg	☼	07/21/23 18:05	07/26/23 04:57	1
Xylenes, Total	<0.0042		0.0042	0.00067	mg/Kg	☼	07/21/23 18:05	07/26/23 04:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	75 - 131	07/21/23 18:05	07/26/23 04:57	1
Dibromofluoromethane (Surr)	116		75 - 126	07/21/23 18:05	07/26/23 04:57	1
1,2-Dichloroethane-d4 (Surr)	133		70 - 134	07/21/23 18:05	07/26/23 04:57	1
Toluene-d8 (Surr)	117		75 - 124	07/21/23 18:05	07/26/23 04:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.042	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
1,4-Dichlorobenzene	<0.20		0.20	0.050	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.045	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-20(13-20)-072023

Lab Sample ID: 500-237024-14

Date Collected: 07/20/23 15:30

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 82.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.089	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
2,4,6-Trichlorophenol	<0.39		0.39	0.13	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
2,4-Dichlorophenol	<0.39		0.39	0.092	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
2,4-Dinitrophenol	<0.79		0.79	0.69	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
2,4-Dinitrotoluene	<0.20		0.20	0.062	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
2,6-Dinitrotoluene	<0.20		0.20	0.077	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
2-Chloronaphthalene	<0.20		0.20	0.043	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
2-Chlorophenol	<0.20		0.20	0.066	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
2-Methylnaphthalene	<0.079		0.079	0.0072	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
2-Methylphenol	<0.20		0.20	0.062	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
2-Nitroaniline	<0.20		0.20	0.052	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
2-Nitrophenol	<0.39		0.39	0.092	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
3 & 4 Methylphenol	<0.20		0.20	0.065	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.31	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.051	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
4-Chloroaniline	<0.79		0.79	0.18	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.045	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
4-Nitroaniline	<0.39		0.39	0.16	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
4-Nitrophenol	<0.79		0.79	0.37	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
Acenaphthene	<0.039		0.039	0.0070	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
Acenaphthylene	<0.039		0.039	0.0051	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
Anthracene	<0.039		0.039	0.0065	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
Benzo[a]anthracene	0.055		0.039	0.0052	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
Benzo[a]pyrene	0.085		0.039	0.0075	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
Benzo[b]fluoranthene	0.11		0.039	0.0084	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
Benzo[g,h,i]perylene	0.068		0.039	0.013	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
Benzo[k]fluoranthene	0.042		0.039	0.011	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.058	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.071	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
Butyl benzyl phthalate	<0.20	*	0.20	0.074	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
Carbazole	<0.20		0.20	0.097	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
Chrysene	0.077		0.039	0.011	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
Dibenz(a,h)anthracene	0.012	J	0.039	0.0075	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
Diethyl phthalate	<0.20		0.20	0.066	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
Dimethyl phthalate	<0.20		0.20	0.051	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
Di-n-butyl phthalate	<0.20		0.20	0.059	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
Fluoranthene	0.10		0.039	0.0072	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
Fluorene	<0.039		0.039	0.0055	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
Hexachlorobenzene	<0.079		0.079	0.0090	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
Hexachlorobutadiene	<0.20		0.20	0.061	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
Hexachlorocyclopentadiene	<0.79		0.79	0.22	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1
Hexachloroethane	<0.20	*-	0.20	0.059	mg/Kg	☼	07/25/23 13:07	07/27/23 21:08	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-20(13-20)-072023

Lab Sample ID: 500-237024-14

Date Collected: 07/20/23 15:30

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 82.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.064		0.039	0.010	mg/Kg	✳	07/25/23 13:07	07/27/23 21:08	1
Isophorone	<0.20		0.20	0.044	mg/Kg	✳	07/25/23 13:07	07/27/23 21:08	1
Naphthalene	<0.039		0.039	0.0060	mg/Kg	✳	07/25/23 13:07	07/27/23 21:08	1
Nitrobenzene	<0.039		0.039	0.0097	mg/Kg	✳	07/25/23 13:07	07/27/23 21:08	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.048	mg/Kg	✳	07/25/23 13:07	07/27/23 21:08	1
N-Nitrosodiphenylamine	<0.20		0.20	0.046	mg/Kg	✳	07/25/23 13:07	07/27/23 21:08	1
Pentachlorophenol	<0.79		0.79	0.62	mg/Kg	✳	07/25/23 13:07	07/27/23 21:08	1
Phenanthrene	0.031	J	0.039	0.0054	mg/Kg	✳	07/25/23 13:07	07/27/23 21:08	1
Phenol	<0.20		0.20	0.087	mg/Kg	✳	07/25/23 13:07	07/27/23 21:08	1
Pyrene	0.10		0.039	0.0077	mg/Kg	✳	07/25/23 13:07	07/27/23 21:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	42		31 - 166	07/25/23 13:07	07/27/23 21:08	1
Phenol-d5 (Surr)	44		30 - 153	07/25/23 13:07	07/27/23 21:08	1
Nitrobenzene-d5 (Surr)	42		37 - 147	07/25/23 13:07	07/27/23 21:08	1
2-Fluorobiphenyl (Surr)	46		43 - 145	07/25/23 13:07	07/27/23 21:08	1
2,4,6-Tribromophenol (Surr)	31		31 - 143	07/25/23 13:07	07/27/23 21:08	1
Terphenyl-d14 (Surr)	50		42 - 157	07/25/23 13:07	07/27/23 21:08	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9300		12	4.9	mg/Kg	✳	07/24/23 09:42	07/25/23 23:06	1
Antimony	0.46	J B	1.2	0.23	mg/Kg	✳	07/24/23 09:42	07/25/23 23:06	1
Arsenic	8.0		0.59	0.20	mg/Kg	✳	07/24/23 09:42	07/25/23 23:06	1
Barium	34	B	0.59	0.068	mg/Kg	✳	07/24/23 09:42	07/25/23 23:06	1
Beryllium	0.77	B	0.24	0.055	mg/Kg	✳	07/24/23 09:42	07/25/23 23:06	1
Cadmium	0.43	B	0.12	0.021	mg/Kg	✳	07/24/23 09:42	07/25/23 23:06	1
Calcium	59000		59	10	mg/Kg	✳	07/24/23 09:42	07/26/23 18:52	5
Chromium	14		0.59	0.29	mg/Kg	✳	07/24/23 09:42	07/25/23 23:06	1
Cobalt	12		0.30	0.078	mg/Kg	✳	07/24/23 09:42	07/25/23 23:06	1
Copper	32		0.59	0.17	mg/Kg	✳	07/24/23 09:42	07/25/23 23:06	1
Iron	20000		12	6.2	mg/Kg	✳	07/24/23 09:42	07/25/23 23:06	1
Lead	26		0.30	0.14	mg/Kg	✳	07/24/23 09:42	07/25/23 23:06	1
Magnesium	32000		5.9	2.9	mg/Kg	✳	07/24/23 09:42	07/25/23 23:06	1
Manganese	470	B	0.59	0.086	mg/Kg	✳	07/24/23 09:42	07/25/23 23:06	1
Nickel	33		0.59	0.17	mg/Kg	✳	07/24/23 09:42	07/25/23 23:06	1
Potassium	2600		30	11	mg/Kg	✳	07/24/23 09:42	07/25/23 23:06	1
Selenium	0.39	J	0.59	0.35	mg/Kg	✳	07/24/23 09:42	07/25/23 23:06	1
Silver	0.17	J	0.30	0.077	mg/Kg	✳	07/24/23 09:42	07/25/23 23:06	1
Sodium	310		59	8.8	mg/Kg	✳	07/24/23 09:42	07/25/23 23:06	1
Thallium	<0.59		0.59	0.30	mg/Kg	✳	07/24/23 09:42	07/25/23 23:06	1
Vanadium	16		0.30	0.070	mg/Kg	✳	07/24/23 09:42	07/25/23 23:06	1
Zinc	59		1.2	0.52	mg/Kg	✳	07/24/23 09:42	07/25/23 23:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/26/23 16:51	07/27/23 22:27	1
Barium	0.43	J	0.50	0.050	mg/L		07/26/23 16:51	07/27/23 22:27	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/26/23 16:51	07/27/23 22:27	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/26/23 16:51	07/27/23 22:27	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-20(13-20)-072023

Lab Sample ID: 500-237024-14

Date Collected: 07/20/23 15:30

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 82.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 22:27	1
Cobalt	0.010	J	0.025	0.010	mg/L		07/26/23 16:51	07/27/23 22:27	1
Copper	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 22:27	1
Iron	0.25	J	0.40	0.20	mg/L		07/26/23 16:51	07/27/23 22:27	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/26/23 16:51	07/27/23 22:27	1
Manganese	3.1		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 22:27	1
Nickel	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 22:27	1
Selenium	<0.050	^1+	0.050	0.020	mg/L		07/26/23 16:51	07/27/23 22:27	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 22:27	1
Zinc	0.020	J B	0.50	0.020	mg/L		07/26/23 16:51	07/27/23 22:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/26/23 16:52	07/27/23 18:47	1
Barium	0.058	J	0.50	0.050	mg/L		07/26/23 16:52	07/27/23 18:47	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/26/23 16:52	07/28/23 15:49	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/26/23 16:52	07/27/23 18:47	1
Chromium	0.014	J	0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:47	1
Cobalt	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:47	1
Copper	0.020	J	0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:47	1
Iron	13		0.40	0.20	mg/L		07/26/23 16:52	07/28/23 15:49	1
Lead	0.0081		0.0075	0.0075	mg/L		07/26/23 16:52	07/27/23 18:47	1
Manganese	0.12		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 15:49	1
Nickel	0.013	J	0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:47	1
Selenium	<0.050		0.050	0.020	mg/L		07/26/23 16:52	07/27/23 18:47	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:47	1
Zinc	0.035	J B	0.50	0.020	mg/L		07/26/23 16:52	07/27/23 18:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/31/23 12:20	08/01/23 09:13	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.011	J	0.019	0.0099	mg/Kg	☆	07/31/23 16:50	08/01/23 09:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.3		0.2	0.2	SU			07/26/23 21:45	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-21(0-6.5)-072023

Lab Sample ID: 500-237024-15

Date Collected: 07/20/23 15:55

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 82.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.018	J	0.021	0.0090	mg/Kg	☼	07/21/23 18:05	07/26/23 05:22	1
Benzene	<0.0021		0.0021	0.00053	mg/Kg	☼	07/21/23 18:05	07/26/23 05:22	1
Bromodichloromethane	<0.0021		0.0021	0.00042	mg/Kg	☼	07/21/23 18:05	07/26/23 05:22	1
Bromoform	<0.0021		0.0021	0.00060	mg/Kg	☼	07/21/23 18:05	07/26/23 05:22	1
Bromomethane	<0.0052		0.0052	0.0020	mg/Kg	☼	07/21/23 18:05	07/26/23 05:22	1
Carbon disulfide	<0.0052		0.0052	0.0011	mg/Kg	☼	07/21/23 18:05	07/26/23 05:22	1
Carbon tetrachloride	<0.0021		0.0021	0.00060	mg/Kg	☼	07/21/23 18:05	07/26/23 05:22	1
Chlorobenzene	<0.0021		0.0021	0.00076	mg/Kg	☼	07/21/23 18:05	07/26/23 05:22	1
Chloroethane	<0.0052		0.0052	0.0015	mg/Kg	☼	07/21/23 18:05	07/26/23 05:22	1
Chloroform	<0.0021		0.0021	0.00072	mg/Kg	☼	07/21/23 18:05	07/26/23 05:22	1
Chloromethane	<0.0052		0.0052	0.0021	mg/Kg	☼	07/21/23 18:05	07/26/23 05:22	1
cis-1,2-Dichloroethene	<0.0021		0.0021	0.00058	mg/Kg	☼	07/21/23 18:05	07/26/23 05:22	1
cis-1,3-Dichloropropene	<0.0021		0.0021	0.00062	mg/Kg	☼	07/21/23 18:05	07/26/23 05:22	1
Dibromochloromethane	<0.0021		0.0021	0.00068	mg/Kg	☼	07/21/23 18:05	07/26/23 05:22	1
1,1-Dichloroethane	<0.0021		0.0021	0.00071	mg/Kg	☼	07/21/23 18:05	07/26/23 05:22	1
1,2-Dichloroethane	<0.0052		0.0052	0.0016	mg/Kg	☼	07/21/23 18:05	07/26/23 05:22	1
1,1-Dichloroethene	<0.0021		0.0021	0.00071	mg/Kg	☼	07/21/23 18:05	07/26/23 05:22	1
1,2-Dichloropropane	<0.0021		0.0021	0.00053	mg/Kg	☼	07/21/23 18:05	07/26/23 05:22	1
1,3-Dichloropropene, Total	<0.0021		0.0021	0.00073	mg/Kg	☼	07/21/23 18:05	07/26/23 05:22	1
Ethylbenzene	<0.0021		0.0021	0.00099	mg/Kg	☼	07/21/23 18:05	07/26/23 05:22	1
2-Hexanone	<0.0052		0.0052	0.0016	mg/Kg	☼	07/21/23 18:05	07/26/23 05:22	1
Methylene Chloride	<0.0052		0.0052	0.0020	mg/Kg	☼	07/21/23 18:05	07/26/23 05:22	1
Methyl Ethyl Ketone	<0.0052		0.0052	0.0023	mg/Kg	☼	07/21/23 18:05	07/26/23 05:22	1
methyl isobutyl ketone	<0.0052		0.0052	0.0015	mg/Kg	☼	07/21/23 18:05	07/26/23 05:22	1
Methyl tert-butyl ether	<0.0021		0.0021	0.00061	mg/Kg	☼	07/21/23 18:05	07/26/23 05:22	1
Styrene	<0.0021		0.0021	0.00062	mg/Kg	☼	07/21/23 18:05	07/26/23 05:22	1
1,1,2,2-Tetrachloroethane	<0.0021		0.0021	0.00066	mg/Kg	☼	07/21/23 18:05	07/26/23 05:22	1
Tetrachloroethene	<0.0021		0.0021	0.00070	mg/Kg	☼	07/21/23 18:05	07/26/23 05:22	1
Toluene	<0.0021		0.0021	0.00052	mg/Kg	☼	07/21/23 18:05	07/26/23 05:22	1
trans-1,2-Dichloroethene	<0.0021		0.0021	0.00092	mg/Kg	☼	07/21/23 18:05	07/26/23 05:22	1
trans-1,3-Dichloropropene	<0.0021		0.0021	0.00073	mg/Kg	☼	07/21/23 18:05	07/26/23 05:22	1
1,1,1-Trichloroethane	<0.0021		0.0021	0.00069	mg/Kg	☼	07/21/23 18:05	07/26/23 05:22	1
1,1,2-Trichloroethane	<0.0021		0.0021	0.00089	mg/Kg	☼	07/21/23 18:05	07/26/23 05:22	1
Trichloroethene	<0.0021		0.0021	0.00070	mg/Kg	☼	07/21/23 18:05	07/26/23 05:22	1
Vinyl chloride	<0.0021		0.0021	0.00091	mg/Kg	☼	07/21/23 18:05	07/26/23 05:22	1
Xylenes, Total	<0.0041		0.0041	0.00066	mg/Kg	☼	07/21/23 18:05	07/26/23 05:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		75 - 131	07/21/23 18:05	07/26/23 05:22	1
Dibromofluoromethane (Surr)	117		75 - 126	07/21/23 18:05	07/26/23 05:22	1
1,2-Dichloroethane-d4 (Surr)	139	S1+	70 - 134	07/21/23 18:05	07/26/23 05:22	1
Toluene-d8 (Surr)	113		75 - 124	07/21/23 18:05	07/26/23 05:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.042	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
1,4-Dichlorobenzene	<0.20		0.20	0.051	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-21(0-6.5)-072023

Lab Sample ID: 500-237024-15

Date Collected: 07/20/23 15:55

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 82.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.090	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
2,4,6-Trichlorophenol	<0.39		0.39	0.14	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
2,4-Dichlorophenol	<0.39		0.39	0.094	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
2,4-Dinitrophenol	<0.79		0.79	0.69	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
2,4-Dinitrotoluene	<0.20		0.20	0.063	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
2,6-Dinitrotoluene	<0.20		0.20	0.077	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
2-Chlorophenol	<0.20		0.20	0.067	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
2-Methylnaphthalene	<0.079		0.079	0.0072	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
2-Nitrophenol	<0.39		0.39	0.093	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
3 & 4 Methylphenol	<0.20		0.20	0.066	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.32	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
4-Chloroaniline	<0.79		0.79	0.19	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
4-Nitroaniline	<0.39		0.39	0.16	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
4-Nitrophenol	<0.79		0.79	0.37	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
Acenaphthene	<0.039		0.039	0.0071	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
Anthracene	<0.039		0.039	0.0066	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
Benzo[a]anthracene	0.028	J	0.039	0.0053	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
Benzo[a]pyrene	0.037	J	0.039	0.0076	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
Benzo[b]fluoranthene	0.050		0.039	0.0085	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
Benzo[g,h,i]perylene	0.025	J	0.039	0.013	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
Benzo[k]fluoranthene	0.024	J	0.039	0.012	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
Butyl benzyl phthalate	<0.20	*	0.20	0.075	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
Carbazole	<0.20		0.20	0.098	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
Chrysene	0.039		0.039	0.011	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
Dibenz(a,h)anthracene	<0.039		0.039	0.0076	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
Diethyl phthalate	<0.20		0.20	0.067	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
Dimethyl phthalate	<0.20		0.20	0.051	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
Fluoranthene	0.057		0.039	0.0073	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
Fluorene	<0.039		0.039	0.0055	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
Hexachlorobenzene	<0.079		0.079	0.0091	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
Hexachlorocyclopentadiene	<0.79		0.79	0.23	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1
Hexachloroethane	<0.20	*	0.20	0.060	mg/Kg	☼	07/25/23 13:07	07/27/23 20:20	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-21(0-6.5)-072023

Lab Sample ID: 500-237024-15

Date Collected: 07/20/23 15:55

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 82.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.032	J	0.039	0.010	mg/Kg	✳	07/25/23 13:07	07/27/23 20:20	1
Isophorone	<0.20		0.20	0.044	mg/Kg	✳	07/25/23 13:07	07/27/23 20:20	1
Naphthalene	<0.039		0.039	0.0061	mg/Kg	✳	07/25/23 13:07	07/27/23 20:20	1
Nitrobenzene	<0.039		0.039	0.0098	mg/Kg	✳	07/25/23 13:07	07/27/23 20:20	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.048	mg/Kg	✳	07/25/23 13:07	07/27/23 20:20	1
N-Nitrosodiphenylamine	<0.20		0.20	0.046	mg/Kg	✳	07/25/23 13:07	07/27/23 20:20	1
Pentachlorophenol	<0.79		0.79	0.63	mg/Kg	✳	07/25/23 13:07	07/27/23 20:20	1
Phenanthrene	0.019	J	0.039	0.0055	mg/Kg	✳	07/25/23 13:07	07/27/23 20:20	1
Phenol	<0.20		0.20	0.088	mg/Kg	✳	07/25/23 13:07	07/27/23 20:20	1
Pyrene	0.051		0.039	0.0078	mg/Kg	✳	07/25/23 13:07	07/27/23 20:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	39		31 - 166				07/25/23 13:07	07/27/23 20:20	1
Phenol-d5 (Surr)	42		30 - 153				07/25/23 13:07	07/27/23 20:20	1
Nitrobenzene-d5 (Surr)	38		37 - 147				07/25/23 13:07	07/27/23 20:20	1
2-Fluorobiphenyl (Surr)	41	S1-	43 - 145				07/25/23 13:07	07/27/23 20:20	1
2,4,6-Tribromophenol (Surr)	37		31 - 143				07/25/23 13:07	07/27/23 20:20	1
Terphenyl-d14 (Surr)	55		42 - 157				07/25/23 13:07	07/27/23 20:20	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	16000		11	4.7	mg/Kg	✳	07/24/23 09:42	07/25/23 23:17	1
Antimony	0.46	J B	1.1	0.22	mg/Kg	✳	07/24/23 09:42	07/25/23 23:17	1
Arsenic	5.0		0.57	0.20	mg/Kg	✳	07/24/23 09:42	07/25/23 23:17	1
Barium	110	B	0.57	0.065	mg/Kg	✳	07/24/23 09:42	07/25/23 23:17	1
Beryllium	0.95	B	0.23	0.054	mg/Kg	✳	07/24/23 09:42	07/25/23 23:17	1
Cadmium	0.16	B	0.11	0.021	mg/Kg	✳	07/24/23 09:42	07/25/23 23:17	1
Calcium	4100		11	1.9	mg/Kg	✳	07/24/23 09:42	07/25/23 23:17	1
Chromium	19		0.57	0.28	mg/Kg	✳	07/24/23 09:42	07/25/23 23:17	1
Cobalt	11		0.29	0.075	mg/Kg	✳	07/24/23 09:42	07/25/23 23:17	1
Copper	20		0.57	0.16	mg/Kg	✳	07/24/23 09:42	07/25/23 23:17	1
Iron	18000		11	6.0	mg/Kg	✳	07/24/23 09:42	07/25/23 23:17	1
Lead	16		0.29	0.13	mg/Kg	✳	07/24/23 09:42	07/25/23 23:17	1
Magnesium	3600		5.7	2.8	mg/Kg	✳	07/24/23 09:42	07/25/23 23:17	1
Manganese	230	B	0.57	0.083	mg/Kg	✳	07/24/23 09:42	07/25/23 23:17	1
Nickel	25		0.57	0.17	mg/Kg	✳	07/24/23 09:42	07/25/23 23:17	1
Potassium	1500		29	10	mg/Kg	✳	07/24/23 09:42	07/25/23 23:17	1
Selenium	0.77		0.57	0.34	mg/Kg	✳	07/24/23 09:42	07/25/23 23:17	1
Silver	0.13	J	0.29	0.074	mg/Kg	✳	07/24/23 09:42	07/25/23 23:17	1
Sodium	3400		57	8.5	mg/Kg	✳	07/24/23 09:42	07/25/23 23:17	1
Thallium	<0.57		0.57	0.29	mg/Kg	✳	07/24/23 09:42	07/25/23 23:17	1
Vanadium	33		0.29	0.068	mg/Kg	✳	07/24/23 09:42	07/25/23 23:17	1
Zinc	61		1.1	0.50	mg/Kg	✳	07/24/23 09:42	07/25/23 23:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/26/23 16:51	07/27/23 22:31	1
Barium	0.28	J	0.50	0.050	mg/L		07/26/23 16:51	07/27/23 22:31	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/26/23 16:51	07/27/23 22:31	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/26/23 16:51	07/27/23 22:31	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-21(0-6.5)-072023

Lab Sample ID: 500-237024-15

Date Collected: 07/20/23 15:55

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 82.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 22:31	1
Cobalt	0.010	J	0.025	0.010	mg/L		07/26/23 16:51	07/27/23 22:31	1
Copper	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 22:31	1
Iron	0.37	J	0.40	0.20	mg/L		07/26/23 16:51	07/27/23 22:31	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/26/23 16:51	07/27/23 22:31	1
Manganese	3.3		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 22:31	1
Nickel	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 22:31	1
Selenium	<0.050	^1+	0.050	0.020	mg/L		07/26/23 16:51	07/27/23 22:31	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 22:31	1
Zinc	0.022	J B	0.50	0.020	mg/L		07/26/23 16:51	07/27/23 22:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.026	J	0.050	0.010	mg/L		07/26/23 16:52	07/27/23 18:51	1
Barium	0.49	J	0.50	0.050	mg/L		07/26/23 16:52	07/27/23 18:51	1
Beryllium	0.0043		0.0040	0.0040	mg/L		07/26/23 16:52	07/28/23 15:53	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/26/23 16:52	07/27/23 18:51	1
Chromium	0.092		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:51	1
Cobalt	0.024	J	0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:51	1
Copper	0.087		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:51	1
Iron	91		0.40	0.20	mg/L		07/26/23 16:52	07/28/23 15:53	1
Lead	0.065		0.0075	0.0075	mg/L		07/26/23 16:52	07/27/23 18:51	1
Manganese	1.2		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 15:53	1
Nickel	0.070		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:51	1
Selenium	<0.050		0.050	0.020	mg/L		07/26/23 16:52	07/27/23 18:51	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:51	1
Zinc	0.26	J B	0.50	0.020	mg/L		07/26/23 16:52	07/27/23 18:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/31/23 12:20	08/01/23 09:15	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.016	J	0.019	0.0099	mg/Kg	☆	07/31/23 16:50	08/01/23 09:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.8		0.2	0.2	SU			07/26/23 21:47	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-21(6.5-13)-072023

Lab Sample ID: 500-237024-16

Date Collected: 07/20/23 16:00

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 88.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0076	J*1 *+	0.017	0.0074	mg/Kg	☼	07/21/23 18:05	07/26/23 20:09	1
Benzene	<0.0017		0.0017	0.00043	mg/Kg	☼	07/21/23 18:05	07/26/23 20:09	1
Bromodichloromethane	<0.0017		0.0017	0.00034	mg/Kg	☼	07/21/23 18:05	07/26/23 20:09	1
Bromoform	<0.0017		0.0017	0.00049	mg/Kg	☼	07/21/23 18:05	07/26/23 20:09	1
Bromomethane	<0.0042	*+	0.0042	0.0016	mg/Kg	☼	07/21/23 18:05	07/26/23 20:09	1
Carbon disulfide	<0.0042		0.0042	0.00088	mg/Kg	☼	07/21/23 18:05	07/26/23 20:09	1
Carbon tetrachloride	<0.0017		0.0017	0.00049	mg/Kg	☼	07/21/23 18:05	07/26/23 20:09	1
Chlorobenzene	<0.0017		0.0017	0.00062	mg/Kg	☼	07/21/23 18:05	07/26/23 20:09	1
Chloroethane	<0.0042	*+	0.0042	0.0013	mg/Kg	☼	07/21/23 18:05	07/26/23 20:09	1
Chloroform	<0.0017		0.0017	0.00059	mg/Kg	☼	07/21/23 18:05	07/26/23 20:09	1
Chloromethane	<0.0042	*+	0.0042	0.0017	mg/Kg	☼	07/21/23 18:05	07/26/23 20:09	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00047	mg/Kg	☼	07/21/23 18:05	07/26/23 20:09	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00051	mg/Kg	☼	07/21/23 18:05	07/26/23 20:09	1
Dibromochloromethane	<0.0017		0.0017	0.00055	mg/Kg	☼	07/21/23 18:05	07/26/23 20:09	1
1,1-Dichloroethane	<0.0017		0.0017	0.00058	mg/Kg	☼	07/21/23 18:05	07/26/23 20:09	1
1,2-Dichloroethane	<0.0042		0.0042	0.0013	mg/Kg	☼	07/21/23 18:05	07/26/23 20:09	1
1,1-Dichloroethene	<0.0017	*+	0.0017	0.00058	mg/Kg	☼	07/21/23 18:05	07/26/23 20:09	1
1,2-Dichloropropane	<0.0017		0.0017	0.00044	mg/Kg	☼	07/21/23 18:05	07/26/23 20:09	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00059	mg/Kg	☼	07/21/23 18:05	07/26/23 20:09	1
Ethylbenzene	<0.0017		0.0017	0.00081	mg/Kg	☼	07/21/23 18:05	07/26/23 20:09	1
2-Hexanone	<0.0042		0.0042	0.0013	mg/Kg	☼	07/21/23 18:05	07/26/23 20:09	1
Methylene Chloride	<0.0042		0.0042	0.0017	mg/Kg	☼	07/21/23 18:05	07/26/23 20:09	1
Methyl Ethyl Ketone	<0.0042		0.0042	0.0019	mg/Kg	☼	07/21/23 18:05	07/26/23 20:09	1
methyl isobutyl ketone	<0.0042		0.0042	0.0013	mg/Kg	☼	07/21/23 18:05	07/26/23 20:09	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00050	mg/Kg	☼	07/21/23 18:05	07/26/23 20:09	1
Styrene	<0.0017		0.0017	0.00051	mg/Kg	☼	07/21/23 18:05	07/26/23 20:09	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00054	mg/Kg	☼	07/21/23 18:05	07/26/23 20:09	1
Tetrachloroethene	<0.0017		0.0017	0.00058	mg/Kg	☼	07/21/23 18:05	07/26/23 20:09	1
Toluene	<0.0017		0.0017	0.00043	mg/Kg	☼	07/21/23 18:05	07/26/23 20:09	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00075	mg/Kg	☼	07/21/23 18:05	07/26/23 20:09	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00059	mg/Kg	☼	07/21/23 18:05	07/26/23 20:09	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00057	mg/Kg	☼	07/21/23 18:05	07/26/23 20:09	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00073	mg/Kg	☼	07/21/23 18:05	07/26/23 20:09	1
Trichloroethene	<0.0017		0.0017	0.00057	mg/Kg	☼	07/21/23 18:05	07/26/23 20:09	1
Vinyl chloride	<0.0017	*+	0.0017	0.00075	mg/Kg	☼	07/21/23 18:05	07/26/23 20:09	1
Xylenes, Total	<0.0034		0.0034	0.00054	mg/Kg	☼	07/21/23 18:05	07/26/23 20:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		75 - 131	07/21/23 18:05	07/26/23 20:09	1
Dibromofluoromethane (Surr)	105		75 - 126	07/21/23 18:05	07/26/23 20:09	1
1,2-Dichloroethane-d4 (Surr)	102		70 - 134	07/21/23 18:05	07/26/23 20:09	1
Toluene-d8 (Surr)	90		75 - 124	07/21/23 18:05	07/26/23 20:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.040	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
1,2-Dichlorobenzene	<0.18		0.18	0.044	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
1,3-Dichlorobenzene	<0.18		0.18	0.041	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
1,4-Dichlorobenzene	<0.18		0.18	0.047	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.042	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-21(6.5-13)-072023

Lab Sample ID: 500-237024-16

Date Collected: 07/20/23 16:00

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 88.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.36		0.36	0.084	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
2,4,6-Trichlorophenol	<0.36		0.36	0.13	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
2,4-Dichlorophenol	<0.36		0.36	0.087	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
2,4-Dimethylphenol	<0.36		0.36	0.14	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
2,4-Dinitrophenol	<0.74		0.74	0.65	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
2,4-Dinitrotoluene	<0.18		0.18	0.058	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
2,6-Dinitrotoluene	<0.18		0.18	0.072	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
2-Chloronaphthalene	<0.18		0.18	0.041	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
2-Chlorophenol	<0.18		0.18	0.063	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
2-Methylnaphthalene	<0.074		0.074	0.0067	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
2-Methylphenol	<0.18		0.18	0.059	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
2-Nitroaniline	<0.18		0.18	0.049	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
2-Nitrophenol	<0.36		0.36	0.087	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
3 & 4 Methylphenol	<0.18		0.18	0.061	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.051	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
3-Nitroaniline	<0.36		0.36	0.11	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
4,6-Dinitro-2-methylphenol	<0.74		0.74	0.29	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.048	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
4-Chloro-3-methylphenol	<0.36		0.36	0.12	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
4-Chloroaniline	<0.74		0.74	0.17	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.043	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
4-Nitroaniline	<0.36		0.36	0.15	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
4-Nitrophenol	<0.74		0.74	0.35	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
Acenaphthene	<0.036		0.036	0.0066	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
Acenaphthylene	<0.036		0.036	0.0048	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
Anthracene	0.0076	J	0.036	0.0061	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
Benzo[a]anthracene	0.036		0.036	0.0049	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
Benzo[a]pyrene	0.043		0.036	0.0071	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
Benzo[b]fluoranthene	0.043		0.036	0.0079	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
Benzo[g,h,i]perylene	0.031	J	0.036	0.012	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
Benzo[k]fluoranthene	0.024	J	0.036	0.011	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.037	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.055	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.067	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
Butyl benzyl phthalate	<0.18	*	0.18	0.070	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
Carbazole	<0.18		0.18	0.092	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
Chrysene	0.050		0.036	0.010	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
Dibenz(a,h)anthracene	<0.036		0.036	0.0071	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
Dibenzofuran	<0.18		0.18	0.043	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
Diethyl phthalate	<0.18		0.18	0.062	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
Dimethyl phthalate	<0.18		0.18	0.048	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
Di-n-butyl phthalate	<0.18		0.18	0.056	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
Di-n-octyl phthalate	<0.18		0.18	0.060	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
Fluoranthene	0.077		0.036	0.0068	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
Fluorene	<0.036		0.036	0.0052	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
Hexachlorobenzene	<0.074		0.074	0.0085	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
Hexachlorobutadiene	<0.18		0.18	0.058	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
Hexachlorocyclopentadiene	<0.74		0.74	0.21	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1
Hexachloroethane	<0.18	*	0.18	0.056	mg/Kg	☼	07/25/23 13:07	07/27/23 20:44	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-21(6.5-13)-072023

Lab Sample ID: 500-237024-16

Date Collected: 07/20/23 16:00

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 88.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.031	J	0.036	0.0095	mg/Kg	✳	07/25/23 13:07	07/27/23 20:44	1
Isophorone	<0.18		0.18	0.041	mg/Kg	✳	07/25/23 13:07	07/27/23 20:44	1
Naphthalene	<0.036		0.036	0.0056	mg/Kg	✳	07/25/23 13:07	07/27/23 20:44	1
Nitrobenzene	<0.036		0.036	0.0092	mg/Kg	✳	07/25/23 13:07	07/27/23 20:44	1
N-Nitrosodi-n-propylamine	<0.074		0.074	0.045	mg/Kg	✳	07/25/23 13:07	07/27/23 20:44	1
N-Nitrosodiphenylamine	<0.18		0.18	0.043	mg/Kg	✳	07/25/23 13:07	07/27/23 20:44	1
Pentachlorophenol	<0.74		0.74	0.59	mg/Kg	✳	07/25/23 13:07	07/27/23 20:44	1
Phenanthrene	0.037		0.036	0.0051	mg/Kg	✳	07/25/23 13:07	07/27/23 20:44	1
Phenol	<0.18		0.18	0.081	mg/Kg	✳	07/25/23 13:07	07/27/23 20:44	1
Pyrene	0.072		0.036	0.0073	mg/Kg	✳	07/25/23 13:07	07/27/23 20:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	39		31 - 166				07/25/23 13:07	07/27/23 20:44	1
Phenol-d5 (Surr)	41		30 - 153				07/25/23 13:07	07/27/23 20:44	1
Nitrobenzene-d5 (Surr)	39		37 - 147				07/25/23 13:07	07/27/23 20:44	1
2-Fluorobiphenyl (Surr)	42	S1-	43 - 145				07/25/23 13:07	07/27/23 20:44	1
2,4,6-Tribromophenol (Surr)	33		31 - 143				07/25/23 13:07	07/27/23 20:44	1
Terphenyl-d14 (Surr)	53		42 - 157				07/25/23 13:07	07/27/23 20:44	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9400		11	4.5	mg/Kg	✳	07/24/23 09:42	07/25/23 23:20	1
Antimony	0.37	J B	1.1	0.21	mg/Kg	✳	07/24/23 09:42	07/25/23 23:20	1
Arsenic	8.4		0.55	0.19	mg/Kg	✳	07/24/23 09:42	07/25/23 23:20	1
Barium	10	B	0.55	0.062	mg/Kg	✳	07/24/23 09:42	07/26/23 18:55	1
Beryllium	0.74	B	0.22	0.051	mg/Kg	✳	07/24/23 09:42	07/25/23 23:20	1
Cadmium	0.18	B	0.11	0.020	mg/Kg	✳	07/24/23 09:42	07/25/23 23:20	1
Calcium	14000		11	1.9	mg/Kg	✳	07/24/23 09:42	07/26/23 18:55	1
Chromium	14		0.55	0.27	mg/Kg	✳	07/24/23 09:42	07/25/23 23:20	1
Cobalt	14		0.27	0.072	mg/Kg	✳	07/24/23 09:42	07/25/23 23:20	1
Copper	25		0.55	0.15	mg/Kg	✳	07/24/23 09:42	07/25/23 23:20	1
Iron	4000		11	5.7	mg/Kg	✳	07/24/23 09:42	07/26/23 18:55	1
Lead	14		0.27	0.13	mg/Kg	✳	07/24/23 09:42	07/25/23 23:20	1
Magnesium	7500		5.5	2.7	mg/Kg	✳	07/24/23 09:42	07/26/23 18:55	1
Manganese	500	B	0.55	0.079	mg/Kg	✳	07/24/23 09:42	07/25/23 23:20	1
Nickel	33		0.55	0.16	mg/Kg	✳	07/24/23 09:42	07/25/23 23:20	1
Potassium	2700		27	9.7	mg/Kg	✳	07/24/23 09:42	07/25/23 23:20	1
Selenium	0.45	J	0.55	0.32	mg/Kg	✳	07/24/23 09:42	07/25/23 23:20	1
Silver	0.072	J	0.27	0.071	mg/Kg	✳	07/24/23 09:42	07/25/23 23:20	1
Sodium	730		55	8.1	mg/Kg	✳	07/24/23 09:42	07/25/23 23:20	1
Thallium	0.35	J	0.55	0.27	mg/Kg	✳	07/24/23 09:42	07/25/23 23:20	1
Vanadium	17		0.27	0.065	mg/Kg	✳	07/24/23 09:42	07/25/23 23:20	1
Zinc	47		1.1	0.48	mg/Kg	✳	07/24/23 09:42	07/25/23 23:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/26/23 16:51	07/27/23 22:34	1
Barium	0.92		0.50	0.050	mg/L		07/26/23 16:51	07/27/23 22:34	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/26/23 16:51	07/27/23 22:34	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/26/23 16:51	07/27/23 22:34	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-21(6.5-13)-072023

Lab Sample ID: 500-237024-16

Date Collected: 07/20/23 16:00

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 88.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 22:34	1
Cobalt	0.051		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 22:34	1
Copper	0.013	J	0.025	0.010	mg/L		07/26/23 16:51	07/27/23 22:34	1
Iron	<0.40		0.40	0.20	mg/L		07/26/23 16:51	07/27/23 22:34	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/26/23 16:51	07/27/23 22:34	1
Manganese	2.0		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 22:34	1
Nickel	0.11		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 22:34	1
Selenium	<0.050	^1+	0.050	0.020	mg/L		07/26/23 16:51	07/27/23 22:34	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 22:34	1
Zinc	<0.50		0.50	0.020	mg/L		07/26/23 16:51	07/27/23 22:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.018	J	0.050	0.010	mg/L		07/26/23 16:52	07/27/23 18:54	1
Barium	0.39	J	0.50	0.050	mg/L		07/26/23 16:52	07/27/23 18:54	1
Beryllium	0.0056		0.0040	0.0040	mg/L		07/26/23 16:52	07/28/23 15:56	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/26/23 16:52	07/27/23 18:54	1
Chromium	0.10		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:54	1
Cobalt	0.046		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:54	1
Copper	0.071		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:54	1
Iron	59		0.40	0.20	mg/L		07/26/23 16:52	07/28/23 15:56	1
Lead	0.038		0.0075	0.0075	mg/L		07/26/23 16:52	07/27/23 18:54	1
Manganese	0.62		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 15:56	1
Nickel	0.11		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:54	1
Selenium	<0.050		0.050	0.020	mg/L		07/26/23 16:52	07/27/23 18:54	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:54	1
Zinc	0.13	J B	0.50	0.020	mg/L		07/26/23 16:52	07/27/23 18:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/31/23 12:20	08/01/23 09:17	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0094	J	0.017	0.0088	mg/Kg	☆	07/31/23 16:50	08/01/23 09:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.6		0.2	0.2	SU			07/26/23 21:50	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-21(13-20)-072023

Lab Sample ID: 500-237024-17

Date Collected: 07/20/23 16:05

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 88.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0072	mg/Kg	☼	07/21/23 18:05	07/26/23 06:11	1
Benzene	<0.0017		0.0017	0.00042	mg/Kg	☼	07/21/23 18:05	07/26/23 06:11	1
Bromodichloromethane	<0.0017		0.0017	0.00034	mg/Kg	☼	07/21/23 18:05	07/26/23 06:11	1
Bromoform	<0.0017		0.0017	0.00048	mg/Kg	☼	07/21/23 18:05	07/26/23 06:11	1
Bromomethane	<0.0041		0.0041	0.0016	mg/Kg	☼	07/21/23 18:05	07/26/23 06:11	1
Carbon disulfide	<0.0041		0.0041	0.00086	mg/Kg	☼	07/21/23 18:05	07/26/23 06:11	1
Carbon tetrachloride	<0.0017		0.0017	0.00048	mg/Kg	☼	07/21/23 18:05	07/26/23 06:11	1
Chlorobenzene	<0.0017		0.0017	0.00061	mg/Kg	☼	07/21/23 18:05	07/26/23 06:11	1
Chloroethane	<0.0041		0.0041	0.0012	mg/Kg	☼	07/21/23 18:05	07/26/23 06:11	1
Chloroform	<0.0017		0.0017	0.00058	mg/Kg	☼	07/21/23 18:05	07/26/23 06:11	1
Chloromethane	<0.0041		0.0041	0.0017	mg/Kg	☼	07/21/23 18:05	07/26/23 06:11	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00046	mg/Kg	☼	07/21/23 18:05	07/26/23 06:11	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00050	mg/Kg	☼	07/21/23 18:05	07/26/23 06:11	1
Dibromochloromethane	<0.0017		0.0017	0.00054	mg/Kg	☼	07/21/23 18:05	07/26/23 06:11	1
1,1-Dichloroethane	<0.0017		0.0017	0.00057	mg/Kg	☼	07/21/23 18:05	07/26/23 06:11	1
1,2-Dichloroethane	<0.0041		0.0041	0.0013	mg/Kg	☼	07/21/23 18:05	07/26/23 06:11	1
1,1-Dichloroethene	<0.0017		0.0017	0.00057	mg/Kg	☼	07/21/23 18:05	07/26/23 06:11	1
1,2-Dichloropropane	<0.0017		0.0017	0.00043	mg/Kg	☼	07/21/23 18:05	07/26/23 06:11	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00058	mg/Kg	☼	07/21/23 18:05	07/26/23 06:11	1
Ethylbenzene	<0.0017		0.0017	0.00079	mg/Kg	☼	07/21/23 18:05	07/26/23 06:11	1
2-Hexanone	<0.0041		0.0041	0.0013	mg/Kg	☼	07/21/23 18:05	07/26/23 06:11	1
Methylene Chloride	<0.0041		0.0041	0.0016	mg/Kg	☼	07/21/23 18:05	07/26/23 06:11	1
Methyl Ethyl Ketone	<0.0041		0.0041	0.0018	mg/Kg	☼	07/21/23 18:05	07/26/23 06:11	1
methyl isobutyl ketone	<0.0041		0.0041	0.0012	mg/Kg	☼	07/21/23 18:05	07/26/23 06:11	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00049	mg/Kg	☼	07/21/23 18:05	07/26/23 06:11	1
Styrene	<0.0017		0.0017	0.00050	mg/Kg	☼	07/21/23 18:05	07/26/23 06:11	1
1,1,2,2-Tetrachloroethane	<0.0017	*3	0.0017	0.00053	mg/Kg	☼	07/21/23 18:05	07/26/23 06:11	1
Tetrachloroethene	<0.0017		0.0017	0.00056	mg/Kg	☼	07/21/23 18:05	07/26/23 06:11	1
Toluene	<0.0017		0.0017	0.00042	mg/Kg	☼	07/21/23 18:05	07/26/23 06:11	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00073	mg/Kg	☼	07/21/23 18:05	07/26/23 06:11	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00058	mg/Kg	☼	07/21/23 18:05	07/26/23 06:11	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00056	mg/Kg	☼	07/21/23 18:05	07/26/23 06:11	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00071	mg/Kg	☼	07/21/23 18:05	07/26/23 06:11	1
Trichloroethene	<0.0017		0.0017	0.00056	mg/Kg	☼	07/21/23 18:05	07/26/23 06:11	1
Vinyl chloride	<0.0017		0.0017	0.00073	mg/Kg	☼	07/21/23 18:05	07/26/23 06:11	1
Xylenes, Total	<0.0033		0.0033	0.00053	mg/Kg	☼	07/21/23 18:05	07/26/23 06:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	158	S1+ *3	75 - 131	07/21/23 18:05	07/26/23 06:11	1
Dibromofluoromethane (Surr)	119		75 - 126	07/21/23 18:05	07/26/23 06:11	1
1,2-Dichloroethane-d4 (Surr)	140	S1+	70 - 134	07/21/23 18:05	07/26/23 06:11	1
Toluene-d8 (Surr)	128	S1+	75 - 124	07/21/23 18:05	07/26/23 06:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.039	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
1,2-Dichlorobenzene	<0.18		0.18	0.044	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
1,3-Dichlorobenzene	<0.18		0.18	0.041	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
1,4-Dichlorobenzene	<0.18		0.18	0.047	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.042	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-21(13-20)-072023

Lab Sample ID: 500-237024-17

Date Collected: 07/20/23 16:05

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 88.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.36		0.36	0.083	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
2,4,6-Trichlorophenol	<0.36		0.36	0.13	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
2,4-Dichlorophenol	<0.36		0.36	0.087	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
2,4-Dimethylphenol	<0.36		0.36	0.14	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
2,4-Dinitrophenol	<0.74		0.74	0.64	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
2,4-Dinitrotoluene	<0.18		0.18	0.058	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
2,6-Dinitrotoluene	<0.18		0.18	0.072	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
2-Chloronaphthalene	<0.18		0.18	0.040	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
2-Chlorophenol	<0.18		0.18	0.062	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
2-Methylnaphthalene	<0.074		0.074	0.0067	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
2-Methylphenol	<0.18		0.18	0.059	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
2-Nitroaniline	<0.18		0.18	0.049	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
2-Nitrophenol	<0.36		0.36	0.086	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
3 & 4 Methylphenol	<0.18		0.18	0.061	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.051	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
3-Nitroaniline	<0.36		0.36	0.11	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
4,6-Dinitro-2-methylphenol	<0.74		0.74	0.29	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.048	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
4-Chloro-3-methylphenol	<0.36		0.36	0.12	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
4-Chloroaniline	<0.74		0.74	0.17	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.043	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
4-Nitroaniline	<0.36		0.36	0.15	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
4-Nitrophenol	<0.74		0.74	0.35	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
Acenaphthene	<0.036		0.036	0.0066	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
Acenaphthylene	<0.036		0.036	0.0048	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
Anthracene	<0.036		0.036	0.0061	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
Benzo[a]anthracene	<0.036		0.036	0.0049	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
Benzo[a]pyrene	<0.036		0.036	0.0071	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
Benzo[b]fluoranthene	<0.036		0.036	0.0079	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
Benzo[g,h,i]perylene	<0.036		0.036	0.012	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
Benzo[k]fluoranthene	<0.036		0.036	0.011	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.037	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.055	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.067	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
Butyl benzyl phthalate	<0.18	*	0.18	0.070	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
Carbazole	<0.18		0.18	0.091	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
Chrysene	<0.036		0.036	0.010	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
Dibenz(a,h)anthracene	<0.036		0.036	0.0071	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
Dibenzofuran	<0.18		0.18	0.043	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
Diethyl phthalate	<0.18		0.18	0.062	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
Dimethyl phthalate	<0.18		0.18	0.048	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
Di-n-butyl phthalate	<0.18		0.18	0.056	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
Di-n-octyl phthalate	<0.18		0.18	0.060	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
Fluoranthene	<0.036		0.036	0.0068	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
Fluorene	<0.036		0.036	0.0051	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
Hexachlorobenzene	<0.074		0.074	0.0085	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
Hexachlorobutadiene	<0.18		0.18	0.057	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
Hexachlorocyclopentadiene	<0.74		0.74	0.21	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1
Hexachloroethane	<0.18	*	0.18	0.056	mg/Kg	☼	07/25/23 13:07	07/27/23 22:09	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-21(13-20)-072023

Lab Sample ID: 500-237024-17

Date Collected: 07/20/23 16:05

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 88.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.036		0.036	0.0095	mg/Kg	✳	07/25/23 13:07	07/27/23 22:09	1
Isophorone	<0.18		0.18	0.041	mg/Kg	✳	07/25/23 13:07	07/27/23 22:09	1
Naphthalene	<0.036		0.036	0.0056	mg/Kg	✳	07/25/23 13:07	07/27/23 22:09	1
Nitrobenzene	<0.036		0.036	0.0091	mg/Kg	✳	07/25/23 13:07	07/27/23 22:09	1
N-Nitrosodi-n-propylamine	<0.074		0.074	0.045	mg/Kg	✳	07/25/23 13:07	07/27/23 22:09	1
N-Nitrosodiphenylamine	<0.18		0.18	0.043	mg/Kg	✳	07/25/23 13:07	07/27/23 22:09	1
Pentachlorophenol	<0.74		0.74	0.59	mg/Kg	✳	07/25/23 13:07	07/27/23 22:09	1
Phenanthrene	0.019	J	0.036	0.0051	mg/Kg	✳	07/25/23 13:07	07/27/23 22:09	1
Phenol	<0.18		0.18	0.081	mg/Kg	✳	07/25/23 13:07	07/27/23 22:09	1
Pyrene	<0.036		0.036	0.0073	mg/Kg	✳	07/25/23 13:07	07/27/23 22:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	62		31 - 166	07/25/23 13:07	07/27/23 22:09	1
Phenol-d5 (Surr)	65		30 - 153	07/25/23 13:07	07/27/23 22:09	1
Nitrobenzene-d5 (Surr)	62		37 - 147	07/25/23 13:07	07/27/23 22:09	1
2-Fluorobiphenyl (Surr)	62		43 - 145	07/25/23 13:07	07/27/23 22:09	1
2,4,6-Tribromophenol (Surr)	41		31 - 143	07/25/23 13:07	07/27/23 22:09	1
Terphenyl-d14 (Surr)	76		42 - 157	07/25/23 13:07	07/27/23 22:09	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	11000		10	4.3	mg/Kg	✳	07/24/23 09:42	07/25/23 23:24	1
Antimony	0.41	J B	1.0	0.20	mg/Kg	✳	07/24/23 09:42	07/25/23 23:24	1
Arsenic	8.7		0.52	0.18	mg/Kg	✳	07/24/23 09:42	07/25/23 23:24	1
Barium	39	B	0.52	0.060	mg/Kg	✳	07/24/23 09:42	07/25/23 23:24	1
Beryllium	0.87	B	0.21	0.049	mg/Kg	✳	07/24/23 09:42	07/25/23 23:24	1
Cadmium	0.17	B	0.10	0.019	mg/Kg	✳	07/24/23 09:42	07/25/23 23:24	1
Calcium	49000		52	8.9	mg/Kg	✳	07/24/23 09:42	07/26/23 18:58	5
Chromium	16		0.52	0.26	mg/Kg	✳	07/24/23 09:42	07/25/23 23:24	1
Cobalt	14		0.26	0.069	mg/Kg	✳	07/24/23 09:42	07/25/23 23:24	1
Copper	25		0.52	0.15	mg/Kg	✳	07/24/23 09:42	07/25/23 23:24	1
Iron	19000		10	5.5	mg/Kg	✳	07/24/23 09:42	07/25/23 23:24	1
Lead	13		0.26	0.12	mg/Kg	✳	07/24/23 09:42	07/25/23 23:24	1
Magnesium	25000		5.2	2.6	mg/Kg	✳	07/24/23 09:42	07/25/23 23:24	1
Manganese	350	B	0.52	0.076	mg/Kg	✳	07/24/23 09:42	07/25/23 23:24	1
Nickel	33		0.52	0.15	mg/Kg	✳	07/24/23 09:42	07/25/23 23:24	1
Potassium	3400		26	9.3	mg/Kg	✳	07/24/23 09:42	07/25/23 23:24	1
Selenium	0.36	J	0.52	0.31	mg/Kg	✳	07/24/23 09:42	07/25/23 23:24	1
Silver	0.11	J	0.26	0.068	mg/Kg	✳	07/24/23 09:42	07/25/23 23:24	1
Sodium	190		52	7.8	mg/Kg	✳	07/24/23 09:42	07/25/23 23:24	1
Thallium	<0.52		0.52	0.26	mg/Kg	✳	07/24/23 09:42	07/25/23 23:24	1
Vanadium	18		0.26	0.062	mg/Kg	✳	07/24/23 09:42	07/25/23 23:24	1
Zinc	51		1.0	0.46	mg/Kg	✳	07/24/23 09:42	07/25/23 23:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/26/23 16:51	07/27/23 22:38	1
Barium	0.73		0.50	0.050	mg/L		07/26/23 16:51	07/27/23 22:38	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/26/23 16:51	07/27/23 22:38	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/26/23 16:51	07/27/23 22:38	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Client Sample ID: ROW-21(13-20)-072023

Lab Sample ID: 500-237024-17

Date Collected: 07/20/23 16:05

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 88.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 22:38	1
Cobalt	0.032		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 22:38	1
Copper	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 22:38	1
Iron	<0.40		0.40	0.20	mg/L		07/26/23 16:51	07/27/23 22:38	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/26/23 16:51	07/27/23 22:38	1
Manganese	2.8		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 22:38	1
Nickel	0.063		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 22:38	1
Selenium	<0.050	^1+	0.050	0.020	mg/L		07/26/23 16:51	07/27/23 22:38	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/27/23 22:38	1
Zinc	<0.50		0.50	0.020	mg/L		07/26/23 16:51	07/27/23 22:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/26/23 16:52	07/27/23 18:58	1
Barium	0.057	J	0.50	0.050	mg/L		07/26/23 16:52	07/27/23 18:58	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/26/23 16:52	07/28/23 15:59	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/26/23 16:52	07/27/23 18:58	1
Chromium	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:58	1
Cobalt	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:58	1
Copper	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:58	1
Iron	1.1		0.40	0.20	mg/L		07/26/23 16:52	07/28/23 15:59	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/26/23 16:52	07/27/23 18:58	1
Manganese	0.042		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 15:59	1
Nickel	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:58	1
Selenium	<0.050		0.050	0.020	mg/L		07/26/23 16:52	07/27/23 18:58	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/27/23 18:58	1
Zinc	<0.50		0.50	0.020	mg/L		07/26/23 16:52	07/27/23 18:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/31/23 12:20	08/01/23 09:19	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.011	J	0.017	0.0092	mg/Kg	☆	07/31/23 16:50	08/01/23 09:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.6		0.2	0.2	SU			07/26/23 21:52	1

Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

Metals

Qualifier	Qualifier Description
^1+	Initial Calibration Verification (ICV) is outside acceptance limits, high biased.
^3-	Reporting Limit Check Standard is outside acceptance limits, low biased.
^3+	Reporting Limit Check Standard 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

Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237024-1

Glossary (Continued)

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

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

Address _____



Chain of Custody Record

667775



Environment Testing
America

500-237024 COC

Regulatory Program: DW NPDES RCRA Other

TAL-8210

Client Contact		Project Manager A. Slesers		Site Contact C. Davidis		Date 07/20/2023		COC No 667795	
Company Name Weston Solutions		Tel/Email		Lab Contact J. Knapp		Carrier		2 of 4 COCs	
Address 300 Knightsbridge Plwy		Analysis Turnaround Time		Filtered Sample (Y/N) Perform MS/MSD (Y/N) VOCs SVOCs TOTAL METALS TCLP/SPL/PAHs PH				Sampler	
City/State/Zip Lincolnshire, IL 60069		<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 056 IL-68								Job / SDG No 056	
Site				500-237024					
PO #									
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Sample Specific Notes		
Row-14 (13-20)-072023		07/20/23	1210	G	S	6	X	X	X
Row-15 (0-6.5)-072023			1235						
Row-15 (6.5-13)-072023			1240						
Row-15 (13-20)-072023			1245						
Row-15 (0-6.5)-072023			1235						
Row-16 (0-6.5)-072023			1310						
Row-16 (6.5-13)-072023			1315						
Row-16 (13-20)-072023			1320						
Row-17 (0-6.5)-072023			1345						
Row-17 (0-6.5)-072023			1345						
Row-17 (6.5-13)-072023			1350						
Row-17 (13-20)-072023			1355						
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 (X fee may be assessed if samples are retained longer than 1 month)				
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown					<input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months				
Special Instructions/QC Requirements & Comments <p style="text-align: right;">5.7+4.6, 4.7+4.3, 5.8+4.7</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 <i>[Signature]</i>		Company Weston		Date/Time 07/20/23 11:50		Received by <i>[Signature]</i>		Company EETA	
Relinquished by <i>[Signature]</i>		Company EETA		Date/Time 7/21/2023		Received by		Date/Time	
Relinquished by		Company		Date/Time		Received in Laboratory by <i>[Signature]</i>		Company EETA	
								Date/Time 7/21/23 1205	

Chain of Custody Record

667776



Environment Testing
America

Address _____

Regulatory Program: DW NPDES RCRA Other:

TAL-8210

Client Contact		Project Manager A. Slesers		Site Contact C. Davids		Date 07/20/2023		COC No 66775	
Company Name Weston Solutions		Tel/Email		Lab Contact J. Knapp		Carrier		3 of 4 COCs	
Address 300 Knightsbridge Pkwy		Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Filtered Sample (Y/N)		Perform MS/MSD (Y/N)		Sampler	
City/State/Zip Lincolnshire, IL 60069									
Phone		TAT if different from Below _____		YOCs SVOCs Total Metals TELP/SPUP Metals PH				For Lab Use Only Walk-in Client <input type="checkbox"/> Lab Sampling <input type="checkbox"/>	
Fax		<input type="checkbox"/> 2 weeks							
Project Name OS6 IL-68		<input type="checkbox"/> 1 week							
Site		<input type="checkbox"/> 2 days							
P O #		<input type="checkbox"/> 1 day						Job / SDG No OS6	
								500-237024	
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Sample Specific Notes		
5	ROW 18 (0-6.5)-072023	07/20/23	1425	6	S	6	XX	XX	XX
6	ROW 18 (6.5-13)-072023		1430						
7	ROW 18 (13-20)-072023		1435						
8	ROW 19 (0-6.5)-072023		1458						
9	ROW 19 (6.5-13)-072023		1506						
10	ROW 19 (13-20)-072023		1505						
11	ROW 20 (0-6.5)-072023		1520						
12	ROW 20 (0-6.5)-072023D		1520						
13	ROW 20 (6.5-13)-072023		1525						
14	ROW 20 (13-20)-072023		1530						
15	ROW 21 (0-6.5)-072023		1555						
16	ROW 21 (6.5-13)-072023		1600						
Preservation Used: 1=Ice; 2=HCl; 3=H2SO4; 4=HNO3; 5=NaOH; 6=Other									
Possible Hazard Identification Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)				
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown					<input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months				
Special Instructions/QC Requirements & Comments:									
Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temp (°C) Obs'd		Corr'd		Therm ID No	
Relinquished by Adna Srij		Company Weston		Date/Time 07/20/23 1650		Received by [Signature]		Company BETA	
Relinquished by [Signature]		Company BETA		Date/Time 7/21 1205		Received by		Company	
Relinquished by		Company		Date/Time		Received in Laboratory by Stephanie Hemondy		Company BETA	
								Date/Time 7/21/23 1205	



ANALYTICAL REPORT

PREPARED FOR

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

Generated 8/1/2023 4:32:23 PM

JOB DESCRIPTION

IDOT - FAP 342 IL 53 - WO 056

JOB NUMBER

500-237047-1

Eurofins Chicago

Job Notes

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

Authorization



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8/1/2023 4:32:23 PM

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

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237047-1

Client Sample ID: ROW-22(0-6.5)-072123

Lab Sample ID: 500-237047-12

Date Collected: 07/21/23 11:40

Matrix: Solid

Date Received: 07/21/23 16:30

Percent Solids: 86.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.019	J	0.020	0.0088	mg/Kg	☼	07/21/23 18:05	07/26/23 06:46	1
Benzene	<0.0020		0.0020	0.00052	mg/Kg	☼	07/21/23 18:05	07/26/23 06:46	1
Bromodichloromethane	<0.0020		0.0020	0.00041	mg/Kg	☼	07/21/23 18:05	07/26/23 06:46	1
Bromoform	<0.0020		0.0020	0.00059	mg/Kg	☼	07/21/23 18:05	07/26/23 06:46	1
Bromomethane	<0.0051		0.0051	0.0019	mg/Kg	☼	07/21/23 18:05	07/26/23 06:46	1
Carbon disulfide	<0.0051		0.0051	0.0011	mg/Kg	☼	07/21/23 18:05	07/26/23 06:46	1
Carbon tetrachloride	<0.0020		0.0020	0.00059	mg/Kg	☼	07/21/23 18:05	07/26/23 06:46	1
Chlorobenzene	<0.0020		0.0020	0.00075	mg/Kg	☼	07/21/23 18:05	07/26/23 06:46	1
Chloroethane	<0.0051		0.0051	0.0015	mg/Kg	☼	07/21/23 18:05	07/26/23 06:46	1
Chloroform	<0.0020		0.0020	0.00070	mg/Kg	☼	07/21/23 18:05	07/26/23 06:46	1
Chloromethane	<0.0051	*+	0.0051	0.0020	mg/Kg	☼	07/21/23 18:05	07/26/23 06:46	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00057	mg/Kg	☼	07/21/23 18:05	07/26/23 06:46	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00061	mg/Kg	☼	07/21/23 18:05	07/26/23 06:46	1
Dibromochloromethane	<0.0020		0.0020	0.00066	mg/Kg	☼	07/21/23 18:05	07/26/23 06:46	1
1,1-Dichloroethane	<0.0020		0.0020	0.00069	mg/Kg	☼	07/21/23 18:05	07/26/23 06:46	1
1,2-Dichloroethane	<0.0051		0.0051	0.0016	mg/Kg	☼	07/21/23 18:05	07/26/23 06:46	1
1,1-Dichloroethene	<0.0020		0.0020	0.00070	mg/Kg	☼	07/21/23 18:05	07/26/23 06:46	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg	☼	07/21/23 18:05	07/26/23 06:46	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00071	mg/Kg	☼	07/21/23 18:05	07/26/23 06:46	1
Ethylbenzene	<0.0020		0.0020	0.00097	mg/Kg	☼	07/21/23 18:05	07/26/23 06:46	1
2-Hexanone	<0.0051		0.0051	0.0016	mg/Kg	☼	07/21/23 18:05	07/26/23 06:46	1
Methylene Chloride	<0.0051		0.0051	0.0020	mg/Kg	☼	07/21/23 18:05	07/26/23 06:46	1
Methyl Ethyl Ketone	<0.0051		0.0051	0.0022	mg/Kg	☼	07/21/23 18:05	07/26/23 06:46	1
methyl isobutyl ketone	<0.0051		0.0051	0.0015	mg/Kg	☼	07/21/23 18:05	07/26/23 06:46	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00059	mg/Kg	☼	07/21/23 18:05	07/26/23 06:46	1
Styrene	<0.0020		0.0020	0.00061	mg/Kg	☼	07/21/23 18:05	07/26/23 06:46	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00065	mg/Kg	☼	07/21/23 18:05	07/26/23 06:46	1
Tetrachloroethene	<0.0020		0.0020	0.00069	mg/Kg	☼	07/21/23 18:05	07/26/23 06:46	1
Toluene	<0.0020		0.0020	0.00051	mg/Kg	☼	07/21/23 18:05	07/26/23 06:46	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00090	mg/Kg	☼	07/21/23 18:05	07/26/23 06:46	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00071	mg/Kg	☼	07/21/23 18:05	07/26/23 06:46	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00068	mg/Kg	☼	07/21/23 18:05	07/26/23 06:46	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00087	mg/Kg	☼	07/21/23 18:05	07/26/23 06:46	1
Trichloroethene	<0.0020		0.0020	0.00068	mg/Kg	☼	07/21/23 18:05	07/26/23 06:46	1
Vinyl chloride	<0.0020		0.0020	0.00090	mg/Kg	☼	07/21/23 18:05	07/26/23 06:46	1
Xylenes, Total	<0.0041		0.0041	0.00065	mg/Kg	☼	07/21/23 18:05	07/26/23 06:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		75 - 131	07/21/23 18:05	07/26/23 06:46	1
Dibromofluoromethane (Surr)	108		75 - 126	07/21/23 18:05	07/26/23 06:46	1
1,2-Dichloroethane-d4 (Surr)	118		70 - 134	07/21/23 18:05	07/26/23 06:46	1
Toluene-d8 (Surr)	87		75 - 124	07/21/23 18:05	07/26/23 06:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.040	mg/Kg	☼	07/26/23 07:34	07/27/23 22:08	1
1,2-Dichlorobenzene	<0.18		0.18	0.044	mg/Kg	☼	07/26/23 07:34	07/27/23 22:08	1
1,3-Dichlorobenzene	<0.18		0.18	0.041	mg/Kg	☼	07/26/23 07:34	07/27/23 22:08	1
1,4-Dichlorobenzene	<0.18		0.18	0.047	mg/Kg	☼	07/26/23 07:34	07/27/23 22:08	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.042	mg/Kg	☼	07/26/23 07:34	07/27/23 22:08	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237047-1

Client Sample ID: ROW-22(0-6.5)-072123

Lab Sample ID: 500-237047-12

Date Collected: 07/21/23 11:40

Matrix: Solid

Date Received: 07/21/23 16:30

Percent Solids: 86.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.36		0.36	0.084	mg/Kg	✳	07/26/23 07:34	07/27/23 22:08	1
2,4,6-Trichlorophenol	<0.36		0.36	0.13	mg/Kg	✳	07/26/23 07:34	07/27/23 22:08	1
2,4-Dichlorophenol	<0.36		0.36	0.087	mg/Kg	✳	07/26/23 07:34	07/27/23 22:08	1
2,4-Dimethylphenol	<0.36		0.36	0.14	mg/Kg	✳	07/26/23 07:34	07/27/23 22:08	1
2,4-Dinitrophenol	<0.74		0.74	0.65	mg/Kg	✳	07/26/23 07:34	07/27/23 22:08	1
2,4-Dinitrotoluene	<0.18		0.18	0.058	mg/Kg	✳	07/26/23 07:34	07/27/23 22:08	1
2,6-Dinitrotoluene	<0.18		0.18	0.072	mg/Kg	✳	07/26/23 07:34	07/27/23 22:08	1
2-Chloronaphthalene	<0.18		0.18	0.041	mg/Kg	✳	07/26/23 07:34	07/27/23 22:08	1
2-Chlorophenol	<0.18		0.18	0.063	mg/Kg	✳	07/26/23 07:34	07/27/23 22:08	1
2-Methylnaphthalene	<0.074		0.074	0.0067	mg/Kg	✳	07/26/23 07:34	07/27/23 22:08	1
2-Methylphenol	<0.18		0.18	0.059	mg/Kg	✳	07/26/23 07:34	07/27/23 22:08	1
2-Nitroaniline	<0.18		0.18	0.049	mg/Kg	✳	07/26/23 07:34	07/27/23 22:08	1
2-Nitrophenol	<0.36		0.36	0.087	mg/Kg	✳	07/26/23 07:34	07/27/23 22:08	1
3 & 4 Methylphenol	<0.18		0.18	0.061	mg/Kg	✳	07/26/23 07:34	07/27/23 22:08	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.051	mg/Kg	✳	07/26/23 07:34	07/27/23 22:08	1
3-Nitroaniline	<0.36		0.36	0.11	mg/Kg	✳	07/26/23 07:34	07/27/23 22:08	1
4,6-Dinitro-2-methylphenol	<0.74		0.74	0.29	mg/Kg	✳	07/26/23 07:34	07/27/23 22:08	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.048	mg/Kg	✳	07/26/23 07:34	07/27/23 22:08	1
4-Chloro-3-methylphenol	<0.36		0.36	0.12	mg/Kg	✳	07/26/23 07:34	07/27/23 22:08	1
4-Chloroaniline	<0.74		0.74	0.17	mg/Kg	✳	07/26/23 07:34	07/27/23 22:08	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.043	mg/Kg	✳	07/26/23 07:34	07/27/23 22:08	1
4-Nitroaniline	<0.36		0.36	0.15	mg/Kg	✳	07/26/23 07:34	07/27/23 22:08	1
4-Nitrophenol	<0.74		0.74	0.35	mg/Kg	✳	07/26/23 07:34	07/27/23 22:08	1
Acenaphthene	<0.036		0.036	0.0066	mg/Kg	✳	07/26/23 07:34	07/27/23 22:08	1
Acenaphthylene	<0.036		0.036	0.0048	mg/Kg	✳	07/26/23 07:34	07/27/23 22:08	1
Anthracene	<0.036		0.036	0.0061	mg/Kg	✳	07/26/23 07:34	07/27/23 22:08	1
Benzo[a]anthracene	0.034	J	0.036	0.0049	mg/Kg	✳	07/26/23 07:34	07/27/23 22:08	1
Benzo[a]pyrene	0.055		0.036	0.0071	mg/Kg	✳	07/26/23 07:34	07/27/23 22:08	1
Benzo[b]fluoranthene	0.062		0.036	0.0079	mg/Kg	✳	07/26/23 07:34	07/27/23 22:08	1
Benzo[g,h,i]perylene	0.052		0.036	0.012	mg/Kg	✳	07/26/23 07:34	07/27/23 22:08	1
Benzo[k]fluoranthene	0.021	J	0.036	0.011	mg/Kg	✳	07/26/23 07:34	07/27/23 22:08	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.037	mg/Kg	✳	07/26/23 07:34	07/27/23 22:08	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.055	mg/Kg	✳	07/26/23 07:34	07/27/23 22:08	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.067	mg/Kg	✳	07/26/23 07:34	07/27/23 22:08	1
Butyl benzyl phthalate	<0.18		0.18	0.070	mg/Kg	✳	07/26/23 07:34	07/27/23 22:08	1
Carbazole	<0.18		0.18	0.092	mg/Kg	✳	07/26/23 07:34	07/27/23 22:08	1
Chrysene	0.039		0.036	0.010	mg/Kg	✳	07/26/23 07:34	07/27/23 22:08	1
Dibenz(a,h)anthracene	0.023	J	0.036	0.0071	mg/Kg	✳	07/26/23 07:34	07/27/23 22:08	1
Dibenzofuran	<0.18		0.18	0.043	mg/Kg	✳	07/26/23 07:34	07/27/23 22:08	1
Diethyl phthalate	<0.18		0.18	0.062	mg/Kg	✳	07/26/23 07:34	07/27/23 22:08	1
Dimethyl phthalate	<0.18		0.18	0.048	mg/Kg	✳	07/26/23 07:34	07/27/23 22:08	1
Di-n-butyl phthalate	<0.18		0.18	0.056	mg/Kg	✳	07/26/23 07:34	07/27/23 22:08	1
Di-n-octyl phthalate	<0.18		0.18	0.060	mg/Kg	✳	07/26/23 07:34	07/27/23 22:08	1
Fluoranthene	0.057		0.036	0.0068	mg/Kg	✳	07/26/23 07:34	07/27/23 22:08	1
Fluorene	<0.036		0.036	0.0052	mg/Kg	✳	07/26/23 07:34	07/27/23 22:08	1
Hexachlorobenzene	<0.074		0.074	0.0085	mg/Kg	✳	07/26/23 07:34	07/27/23 22:08	1
Hexachlorobutadiene	<0.18		0.18	0.058	mg/Kg	✳	07/26/23 07:34	07/27/23 22:08	1
Hexachlorocyclopentadiene	<0.74		0.74	0.21	mg/Kg	✳	07/26/23 07:34	07/27/23 22:08	1
Hexachloroethane	<0.18		0.18	0.056	mg/Kg	✳	07/26/23 07:34	07/27/23 22:08	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237047-1

Client Sample ID: ROW-22(0-6.5)-072123

Lab Sample ID: 500-237047-12

Date Collected: 07/21/23 11:40

Matrix: Solid

Date Received: 07/21/23 16:30

Percent Solids: 86.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.067		0.036	0.0095	mg/Kg	☼	07/26/23 07:34	07/27/23 22:08	1
Isophorone	<0.18		0.18	0.041	mg/Kg	☼	07/26/23 07:34	07/27/23 22:08	1
Naphthalene	<0.036		0.036	0.0056	mg/Kg	☼	07/26/23 07:34	07/27/23 22:08	1
Nitrobenzene	<0.036		0.036	0.0091	mg/Kg	☼	07/26/23 07:34	07/27/23 22:08	1
N-Nitrosodi-n-propylamine	<0.074		0.074	0.045	mg/Kg	☼	07/26/23 07:34	07/27/23 22:08	1
N-Nitrosodiphenylamine	<0.18		0.18	0.043	mg/Kg	☼	07/26/23 07:34	07/27/23 22:08	1
Pentachlorophenol	<0.74		0.74	0.59	mg/Kg	☼	07/26/23 07:34	07/27/23 22:08	1
Phenanthrene	0.018	J	0.036	0.0051	mg/Kg	☼	07/26/23 07:34	07/27/23 22:08	1
Phenol	<0.18		0.18	0.081	mg/Kg	☼	07/26/23 07:34	07/27/23 22:08	1
Pyrene	0.055		0.036	0.0073	mg/Kg	☼	07/26/23 07:34	07/27/23 22:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	70		31 - 166				07/26/23 07:34	07/27/23 22:08	1
Phenol-d5 (Surr)	64		30 - 153				07/26/23 07:34	07/27/23 22:08	1
Nitrobenzene-d5 (Surr)	59		37 - 147				07/26/23 07:34	07/27/23 22:08	1
2-Fluorobiphenyl (Surr)	70		43 - 145				07/26/23 07:34	07/27/23 22:08	1
2,4,6-Tribromophenol (Surr)	80		31 - 143				07/26/23 07:34	07/27/23 22:08	1
Terphenyl-d14 (Surr)	88		42 - 157				07/26/23 07:34	07/27/23 22:08	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9500		21	8.6	mg/Kg	☼	07/25/23 15:14	07/26/23 16:26	1
Antimony	0.66	J	2.1	0.41	mg/Kg	☼	07/25/23 15:14	07/26/23 16:26	1
Arsenic	6.4		1.1	0.36	mg/Kg	☼	07/25/23 15:14	07/26/23 16:26	1
Barium	31		1.1	0.12	mg/Kg	☼	07/25/23 15:14	07/26/23 16:26	1
Beryllium	0.82		0.42	0.098	mg/Kg	☼	07/25/23 15:14	07/26/23 16:26	1
Cadmium	0.21		0.21	0.038	mg/Kg	☼	07/25/23 15:14	07/26/23 16:26	1
Calcium	52000	B	21	3.6	mg/Kg	☼	07/25/23 15:14	07/26/23 16:26	1
Chromium	16		1.1	0.52	mg/Kg	☼	07/25/23 15:14	07/26/23 16:26	1
Cobalt	9.3		0.53	0.14	mg/Kg	☼	07/25/23 15:14	07/26/23 16:26	1
Copper	25		1.1	0.29	mg/Kg	☼	07/25/23 15:14	07/26/23 16:26	1
Iron	19000	B	21	11	mg/Kg	☼	07/25/23 15:14	07/26/23 16:26	1
Lead	14		0.53	0.24	mg/Kg	☼	07/25/23 15:14	07/26/23 16:26	1
Magnesium	31000	B	11	5.2	mg/Kg	☼	07/25/23 15:14	07/26/23 16:26	1
Manganese	350	B	1.1	0.15	mg/Kg	☼	07/25/23 15:14	07/26/23 16:26	1
Nickel	27		1.1	0.31	mg/Kg	☼	07/25/23 15:14	07/26/23 16:26	1
Potassium	2600		53	19	mg/Kg	☼	07/25/23 15:14	07/26/23 16:26	1
Selenium	<1.1		1.1	0.62	mg/Kg	☼	07/25/23 15:14	07/26/23 16:26	1
Silver	<0.53		0.53	0.14	mg/Kg	☼	07/25/23 15:14	07/26/23 16:26	1
Sodium	1100		110	16	mg/Kg	☼	07/25/23 15:14	07/26/23 16:26	1
Thallium	0.58	J	1.1	0.53	mg/Kg	☼	07/25/23 15:14	07/26/23 16:26	1
Vanadium	18		0.53	0.12	mg/Kg	☼	07/25/23 15:14	07/26/23 16:26	1
Zinc	53		2.1	0.92	mg/Kg	☼	07/25/23 15:14	07/26/23 16:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/27/23 17:02	07/28/23 19:04	1
Barium	0.28	J	0.50	0.050	mg/L		07/27/23 17:02	07/28/23 19:04	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/27/23 17:02	07/28/23 19:04	1
Cadmium	0.0038	J	0.0050	0.0020	mg/L		07/27/23 17:02	07/28/23 19:04	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237047-1

Client Sample ID: ROW-22(0-6.5)-072123

Lab Sample ID: 500-237047-12

Date Collected: 07/21/23 11:40

Matrix: Solid

Date Received: 07/21/23 16:30

Percent Solids: 86.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/27/23 17:02	07/28/23 19:04	1
Cobalt	0.033		0.025	0.010	mg/L		07/27/23 17:02	07/28/23 19:04	1
Copper	<0.025		0.025	0.010	mg/L		07/27/23 17:02	07/28/23 19:04	1
Iron	<0.40		0.40	0.20	mg/L		07/27/23 17:02	07/28/23 19:04	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/27/23 17:02	07/28/23 19:04	1
Manganese	3.6		0.025	0.010	mg/L		07/27/23 17:02	07/28/23 19:04	1
Nickel	0.025		0.025	0.010	mg/L		07/27/23 17:02	07/28/23 19:04	1
Selenium	0.023 J		0.050	0.020	mg/L		07/27/23 17:02	07/28/23 19:04	1
Silver	<0.025		0.025	0.010	mg/L		07/27/23 17:02	07/28/23 19:04	1
Zinc	<0.50		0.50	0.020	mg/L		07/27/23 17:02	07/28/23 19:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.097		0.050	0.010	mg/L		07/27/23 17:03	07/28/23 14:01	1
Barium	0.42 J		0.50	0.050	mg/L		07/27/23 17:03	07/28/23 14:01	1
Beryllium	0.0092		0.0040	0.0040	mg/L		07/27/23 17:03	07/28/23 14:01	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/27/23 17:03	07/28/23 14:01	1
Chromium	0.16		0.025	0.010	mg/L		07/27/23 17:03	07/28/23 14:01	1
Cobalt	0.064		0.025	0.010	mg/L		07/27/23 17:03	07/28/23 14:01	1
Copper	0.24		0.025	0.010	mg/L		07/27/23 17:03	07/28/23 14:01	1
Iron	190		0.40	0.20	mg/L		07/27/23 17:03	07/28/23 14:01	1
Lead	0.090		0.0075	0.0075	mg/L		07/27/23 17:03	07/28/23 14:01	1
Manganese	0.68		0.025	0.010	mg/L		07/27/23 17:03	07/28/23 14:01	1
Nickel	0.23		0.025	0.010	mg/L		07/27/23 17:03	07/28/23 14:01	1
Selenium	<0.050		0.050	0.020	mg/L		07/27/23 17:03	07/28/23 14:01	1
Silver	0.010 J		0.025	0.010	mg/L		07/27/23 17:03	07/28/23 14:01	1
Zinc	0.49 J		0.50	0.020	mg/L		07/27/23 17:03	07/28/23 14:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/28/23 12:30	07/31/23 11:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/27/23 13:25	07/28/23 13:26	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017 J		0.018	0.0093	mg/Kg	☼	07/31/23 16:50	08/01/23 10:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.2		0.2	0.2	SU			07/26/23 19:05	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237047-1

Client Sample ID: ROW-22(0-6.5)-072123D

Lab Sample ID: 500-237047-13

Date Collected: 07/21/23 11:40

Matrix: Solid

Date Received: 07/21/23 16:30

Percent Solids: 86.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.026		0.017	0.0072	mg/Kg	☼	07/21/23 18:05	07/26/23 07:12	1
Benzene	<0.0017		0.0017	0.00042	mg/Kg	☼	07/21/23 18:05	07/26/23 07:12	1
Bromodichloromethane	<0.0017		0.0017	0.00034	mg/Kg	☼	07/21/23 18:05	07/26/23 07:12	1
Bromoform	<0.0017		0.0017	0.00048	mg/Kg	☼	07/21/23 18:05	07/26/23 07:12	1
Bromomethane	<0.0041		0.0041	0.0016	mg/Kg	☼	07/21/23 18:05	07/26/23 07:12	1
Carbon disulfide	0.00089	J	0.0041	0.00086	mg/Kg	☼	07/21/23 18:05	07/26/23 07:12	1
Carbon tetrachloride	<0.0017		0.0017	0.00048	mg/Kg	☼	07/21/23 18:05	07/26/23 07:12	1
Chlorobenzene	<0.0017		0.0017	0.00061	mg/Kg	☼	07/21/23 18:05	07/26/23 07:12	1
Chloroethane	<0.0041		0.0041	0.0012	mg/Kg	☼	07/21/23 18:05	07/26/23 07:12	1
Chloroform	<0.0017		0.0017	0.00058	mg/Kg	☼	07/21/23 18:05	07/26/23 07:12	1
Chloromethane	<0.0041	*+	0.0041	0.0017	mg/Kg	☼	07/21/23 18:05	07/26/23 07:12	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00046	mg/Kg	☼	07/21/23 18:05	07/26/23 07:12	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00050	mg/Kg	☼	07/21/23 18:05	07/26/23 07:12	1
Dibromochloromethane	<0.0017		0.0017	0.00054	mg/Kg	☼	07/21/23 18:05	07/26/23 07:12	1
1,1-Dichloroethane	<0.0017		0.0017	0.00057	mg/Kg	☼	07/21/23 18:05	07/26/23 07:12	1
1,2-Dichloroethane	<0.0041		0.0041	0.0013	mg/Kg	☼	07/21/23 18:05	07/26/23 07:12	1
1,1-Dichloroethene	<0.0017		0.0017	0.00057	mg/Kg	☼	07/21/23 18:05	07/26/23 07:12	1
1,2-Dichloropropane	<0.0017		0.0017	0.00043	mg/Kg	☼	07/21/23 18:05	07/26/23 07:12	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00058	mg/Kg	☼	07/21/23 18:05	07/26/23 07:12	1
Ethylbenzene	<0.0017		0.0017	0.00079	mg/Kg	☼	07/21/23 18:05	07/26/23 07:12	1
2-Hexanone	<0.0041		0.0041	0.0013	mg/Kg	☼	07/21/23 18:05	07/26/23 07:12	1
Methylene Chloride	<0.0041		0.0041	0.0016	mg/Kg	☼	07/21/23 18:05	07/26/23 07:12	1
Methyl Ethyl Ketone	<0.0041		0.0041	0.0018	mg/Kg	☼	07/21/23 18:05	07/26/23 07:12	1
methyl isobutyl ketone	<0.0041		0.0041	0.0012	mg/Kg	☼	07/21/23 18:05	07/26/23 07:12	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00049	mg/Kg	☼	07/21/23 18:05	07/26/23 07:12	1
Styrene	<0.0017		0.0017	0.00050	mg/Kg	☼	07/21/23 18:05	07/26/23 07:12	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00053	mg/Kg	☼	07/21/23 18:05	07/26/23 07:12	1
Tetrachloroethene	<0.0017		0.0017	0.00057	mg/Kg	☼	07/21/23 18:05	07/26/23 07:12	1
Toluene	<0.0017		0.0017	0.00042	mg/Kg	☼	07/21/23 18:05	07/26/23 07:12	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00074	mg/Kg	☼	07/21/23 18:05	07/26/23 07:12	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00058	mg/Kg	☼	07/21/23 18:05	07/26/23 07:12	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00056	mg/Kg	☼	07/21/23 18:05	07/26/23 07:12	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00071	mg/Kg	☼	07/21/23 18:05	07/26/23 07:12	1
Trichloroethene	<0.0017		0.0017	0.00056	mg/Kg	☼	07/21/23 18:05	07/26/23 07:12	1
Vinyl chloride	<0.0017		0.0017	0.00073	mg/Kg	☼	07/21/23 18:05	07/26/23 07:12	1
Xylenes, Total	<0.0033		0.0033	0.00053	mg/Kg	☼	07/21/23 18:05	07/26/23 07:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		75 - 131	07/21/23 18:05	07/26/23 07:12	1
Dibromofluoromethane (Surr)	107		75 - 126	07/21/23 18:05	07/26/23 07:12	1
1,2-Dichloroethane-d4 (Surr)	106		70 - 134	07/21/23 18:05	07/26/23 07:12	1
Toluene-d8 (Surr)	90		75 - 124	07/21/23 18:05	07/26/23 07:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	☼	07/26/23 07:34	07/27/23 22:30	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	☼	07/26/23 07:34	07/27/23 22:30	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	☼	07/26/23 07:34	07/27/23 22:30	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	☼	07/26/23 07:34	07/27/23 22:30	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	☼	07/26/23 07:34	07/27/23 22:30	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237047-1

Client Sample ID: ROW-22(0-6.5)-072123D

Lab Sample ID: 500-237047-13

Date Collected: 07/21/23 11:40

Matrix: Solid

Date Received: 07/21/23 16:30

Percent Solids: 86.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.086	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
2,4-Dichlorophenol	<0.38		0.38	0.090	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
2,4-Dimethylphenol	<0.38		0.38	0.14	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
2,4-Dinitrophenol	<0.76		0.76	0.67	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
2,4-Dinitrotoluene	<0.19		0.19	0.060	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
2,6-Dinitrotoluene	<0.19		0.19	0.074	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
2-Chlorophenol	<0.19		0.19	0.065	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
2-Methylnaphthalene	<0.076		0.076	0.0070	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
2-Methylphenol	<0.19		0.19	0.061	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
2-Nitrophenol	<0.38		0.38	0.089	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
3 & 4 Methylphenol	<0.19		0.19	0.063	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.053	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.30	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
4-Chloroaniline	<0.76		0.76	0.18	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
4-Nitrophenol	<0.76		0.76	0.36	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
Acenaphthene	<0.038		0.038	0.0068	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
Acenaphthylene	<0.038		0.038	0.0050	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
Anthracene	<0.038		0.038	0.0063	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
Benzo[a]anthracene	0.033	J	0.038	0.0051	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
Benzo[a]pyrene	0.058		0.038	0.0073	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
Benzo[b]fluoranthene	0.064		0.038	0.0082	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
Benzo[g,h,i]perylene	0.062		0.038	0.012	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
Benzo[k]fluoranthene	0.018	J	0.038	0.011	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.057	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.069	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
Butyl benzyl phthalate	<0.19		0.19	0.072	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
Carbazole	<0.19		0.19	0.095	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
Chrysene	0.041		0.038	0.010	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
Dibenz(a,h)anthracene	0.022	J	0.038	0.0073	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
Diethyl phthalate	<0.19		0.19	0.064	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
Di-n-butyl phthalate	<0.19		0.19	0.058	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
Di-n-octyl phthalate	<0.19		0.19	0.062	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
Fluoranthene	0.054		0.038	0.0070	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
Fluorene	<0.038		0.038	0.0053	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
Hexachlorobenzene	<0.076		0.076	0.0088	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
Hexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
Hexachlorocyclopentadiene	<0.76		0.76	0.22	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
Hexachloroethane	<0.19		0.19	0.058	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237047-1

Client Sample ID: ROW-22(0-6.5)-072123D

Lab Sample ID: 500-237047-13

Date Collected: 07/21/23 11:40

Matrix: Solid

Date Received: 07/21/23 16:30

Percent Solids: 86.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.067		0.038	0.0098	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
Isophorone	<0.19		0.19	0.042	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
Naphthalene	<0.038		0.038	0.0058	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
Nitrobenzene	<0.038		0.038	0.0094	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.046	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
Pentachlorophenol	<0.76		0.76	0.61	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
Phenanthrene	0.016	J	0.038	0.0053	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
Phenol	<0.19		0.19	0.084	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
Pyrene	0.052		0.038	0.0075	mg/Kg	✳	07/26/23 07:34	07/27/23 22:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	71		31 - 166				07/26/23 07:34	07/27/23 22:30	1
Phenol-d5 (Surr)	67		30 - 153				07/26/23 07:34	07/27/23 22:30	1
Nitrobenzene-d5 (Surr)	63		37 - 147				07/26/23 07:34	07/27/23 22:30	1
2-Fluorobiphenyl (Surr)	77		43 - 145				07/26/23 07:34	07/27/23 22:30	1
2,4,6-Tribromophenol (Surr)	95		31 - 143				07/26/23 07:34	07/27/23 22:30	1
Terphenyl-d14 (Surr)	97		42 - 157				07/26/23 07:34	07/27/23 22:30	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9800		19	8.0	mg/Kg	✳	07/25/23 15:14	07/26/23 16:29	1
Antimony	0.44	J	1.9	0.38	mg/Kg	✳	07/25/23 15:14	07/26/23 16:29	1
Arsenic	8.8		0.97	0.33	mg/Kg	✳	07/25/23 15:14	07/26/23 16:29	1
Barium	33		0.97	0.11	mg/Kg	✳	07/25/23 15:14	07/26/23 16:29	1
Beryllium	0.84		0.39	0.091	mg/Kg	✳	07/25/23 15:14	07/26/23 16:29	1
Cadmium	0.22		0.19	0.035	mg/Kg	✳	07/25/23 15:14	07/26/23 16:29	1
Calcium	46000	B	19	3.3	mg/Kg	✳	07/25/23 15:14	07/26/23 16:29	1
Chromium	16		0.97	0.48	mg/Kg	✳	07/25/23 15:14	07/26/23 16:29	1
Cobalt	15		0.49	0.13	mg/Kg	✳	07/25/23 15:14	07/26/23 16:29	1
Copper	28		0.97	0.27	mg/Kg	✳	07/25/23 15:14	07/26/23 16:29	1
Iron	20000	B	19	10	mg/Kg	✳	07/25/23 15:14	07/26/23 16:29	1
Lead	16		0.49	0.23	mg/Kg	✳	07/25/23 15:14	07/26/23 16:29	1
Magnesium	28000	B	9.7	4.8	mg/Kg	✳	07/25/23 15:14	07/26/23 16:29	1
Manganese	400	B	0.97	0.14	mg/Kg	✳	07/25/23 15:14	07/26/23 16:29	1
Nickel	33		0.97	0.28	mg/Kg	✳	07/25/23 15:14	07/26/23 16:29	1
Potassium	2600		49	17	mg/Kg	✳	07/25/23 15:14	07/26/23 16:29	1
Selenium	<0.97		0.97	0.57	mg/Kg	✳	07/25/23 15:14	07/26/23 16:29	1
Silver	<0.49		0.49	0.13	mg/Kg	✳	07/25/23 15:14	07/26/23 16:29	1
Sodium	1100		97	14	mg/Kg	✳	07/25/23 15:14	07/26/23 16:29	1
Thallium	0.56	J	0.97	0.49	mg/Kg	✳	07/25/23 15:14	07/26/23 16:29	1
Vanadium	18		0.49	0.12	mg/Kg	✳	07/25/23 15:14	07/26/23 16:29	1
Zinc	61		1.9	0.86	mg/Kg	✳	07/25/23 15:14	07/26/23 16:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/27/23 17:02	07/28/23 19:07	1
Barium	0.28	J	0.50	0.050	mg/L		07/27/23 17:02	07/28/23 19:07	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/27/23 17:02	07/28/23 19:07	1
Cadmium	0.0040	J	0.0050	0.0020	mg/L		07/27/23 17:02	07/28/23 19:07	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237047-1

Client Sample ID: ROW-22(0-6.5)-072123D

Lab Sample ID: 500-237047-13

Date Collected: 07/21/23 11:40

Matrix: Solid

Date Received: 07/21/23 16:30

Percent Solids: 86.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/27/23 17:02	07/28/23 19:07	1
Cobalt	0.033		0.025	0.010	mg/L		07/27/23 17:02	07/28/23 19:07	1
Copper	<0.025		0.025	0.010	mg/L		07/27/23 17:02	07/28/23 19:07	1
Iron	<0.40		0.40	0.20	mg/L		07/27/23 17:02	07/28/23 19:07	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/27/23 17:02	07/28/23 19:07	1
Manganese	3.9		0.025	0.010	mg/L		07/27/23 17:02	07/28/23 19:07	1
Nickel	0.038		0.025	0.010	mg/L		07/27/23 17:02	07/28/23 19:07	1
Selenium	<0.050		0.050	0.020	mg/L		07/27/23 17:02	07/28/23 19:07	1
Silver	<0.025		0.025	0.010	mg/L		07/27/23 17:02	07/28/23 19:07	1
Zinc	0.020	J	0.50	0.020	mg/L		07/27/23 17:02	07/28/23 19:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.087		0.050	0.010	mg/L		07/27/23 17:03	07/28/23 14:04	1
Barium	0.41	J	0.50	0.050	mg/L		07/27/23 17:03	07/28/23 14:04	1
Beryllium	0.0085		0.0040	0.0040	mg/L		07/27/23 17:03	07/28/23 14:04	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/27/23 17:03	07/28/23 14:04	1
Chromium	0.15		0.025	0.010	mg/L		07/27/23 17:03	07/28/23 14:04	1
Cobalt	0.053		0.025	0.010	mg/L		07/27/23 17:03	07/28/23 14:04	1
Copper	0.23		0.025	0.010	mg/L		07/27/23 17:03	07/28/23 14:04	1
Iron	170		0.40	0.20	mg/L		07/27/23 17:03	07/28/23 14:04	1
Lead	0.081		0.0075	0.0075	mg/L		07/27/23 17:03	07/28/23 14:04	1
Manganese	0.62		0.025	0.010	mg/L		07/27/23 17:03	07/28/23 14:04	1
Nickel	0.20		0.025	0.010	mg/L		07/27/23 17:03	07/28/23 14:04	1
Selenium	<0.050		0.050	0.020	mg/L		07/27/23 17:03	07/28/23 14:04	1
Silver	<0.025		0.025	0.010	mg/L		07/27/23 17:03	07/28/23 14:04	1
Zinc	0.46	J	0.50	0.020	mg/L		07/27/23 17:03	07/28/23 14:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/28/23 12:30	07/31/23 11:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/27/23 13:25	07/28/23 13:28	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	J	0.018	0.0094	mg/Kg	☼	07/31/23 16:50	08/01/23 10:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.1		0.2	0.2	SU			07/26/23 19:08	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237047-1

Client Sample ID: ROW-22(6.5-13)-072123

Lab Sample ID: 500-237047-14

Date Collected: 07/21/23 11:45

Matrix: Solid

Date Received: 07/21/23 16:30

Percent Solids: 88.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0072	J	0.014	0.0063	mg/Kg	☼	07/21/23 18:05	07/26/23 07:37	1
Benzene	<0.0014		0.0014	0.00037	mg/Kg	☼	07/21/23 18:05	07/26/23 07:37	1
Bromodichloromethane	<0.0014		0.0014	0.00029	mg/Kg	☼	07/21/23 18:05	07/26/23 07:37	1
Bromoform	<0.0014		0.0014	0.00042	mg/Kg	☼	07/21/23 18:05	07/26/23 07:37	1
Bromomethane	<0.0036		0.0036	0.0014	mg/Kg	☼	07/21/23 18:05	07/26/23 07:37	1
Carbon disulfide	<0.0036		0.0036	0.00075	mg/Kg	☼	07/21/23 18:05	07/26/23 07:37	1
Carbon tetrachloride	<0.0014		0.0014	0.00042	mg/Kg	☼	07/21/23 18:05	07/26/23 07:37	1
Chlorobenzene	<0.0014		0.0014	0.00053	mg/Kg	☼	07/21/23 18:05	07/26/23 07:37	1
Chloroethane	<0.0036		0.0036	0.0011	mg/Kg	☼	07/21/23 18:05	07/26/23 07:37	1
Chloroform	<0.0014		0.0014	0.00050	mg/Kg	☼	07/21/23 18:05	07/26/23 07:37	1
Chloromethane	<0.0036	*+	0.0036	0.0014	mg/Kg	☼	07/21/23 18:05	07/26/23 07:37	1
cis-1,2-Dichloroethene	<0.0014		0.0014	0.00040	mg/Kg	☼	07/21/23 18:05	07/26/23 07:37	1
cis-1,3-Dichloropropene	<0.0014		0.0014	0.00043	mg/Kg	☼	07/21/23 18:05	07/26/23 07:37	1
Dibromochloromethane	<0.0014		0.0014	0.00047	mg/Kg	☼	07/21/23 18:05	07/26/23 07:37	1
1,1-Dichloroethane	<0.0014		0.0014	0.00049	mg/Kg	☼	07/21/23 18:05	07/26/23 07:37	1
1,2-Dichloroethane	<0.0036		0.0036	0.0011	mg/Kg	☼	07/21/23 18:05	07/26/23 07:37	1
1,1-Dichloroethene	<0.0014		0.0014	0.00049	mg/Kg	☼	07/21/23 18:05	07/26/23 07:37	1
1,2-Dichloropropane	<0.0014		0.0014	0.00037	mg/Kg	☼	07/21/23 18:05	07/26/23 07:37	1
1,3-Dichloropropene, Total	<0.0014		0.0014	0.00050	mg/Kg	☼	07/21/23 18:05	07/26/23 07:37	1
Ethylbenzene	<0.0014		0.0014	0.00069	mg/Kg	☼	07/21/23 18:05	07/26/23 07:37	1
2-Hexanone	<0.0036		0.0036	0.0011	mg/Kg	☼	07/21/23 18:05	07/26/23 07:37	1
Methylene Chloride	<0.0036		0.0036	0.0014	mg/Kg	☼	07/21/23 18:05	07/26/23 07:37	1
Methyl Ethyl Ketone	<0.0036		0.0036	0.0016	mg/Kg	☼	07/21/23 18:05	07/26/23 07:37	1
methyl isobutyl ketone	<0.0036		0.0036	0.0011	mg/Kg	☼	07/21/23 18:05	07/26/23 07:37	1
Methyl tert-butyl ether	<0.0014		0.0014	0.00042	mg/Kg	☼	07/21/23 18:05	07/26/23 07:37	1
Styrene	<0.0014		0.0014	0.00043	mg/Kg	☼	07/21/23 18:05	07/26/23 07:37	1
1,1,2,2-Tetrachloroethane	<0.0014	*3	0.0014	0.00046	mg/Kg	☼	07/21/23 18:05	07/26/23 07:37	1
Tetrachloroethene	<0.0014		0.0014	0.00049	mg/Kg	☼	07/21/23 18:05	07/26/23 07:37	1
Toluene	<0.0014		0.0014	0.00036	mg/Kg	☼	07/21/23 18:05	07/26/23 07:37	1
trans-1,2-Dichloroethene	<0.0014		0.0014	0.00064	mg/Kg	☼	07/21/23 18:05	07/26/23 07:37	1
trans-1,3-Dichloropropene	<0.0014		0.0014	0.00050	mg/Kg	☼	07/21/23 18:05	07/26/23 07:37	1
1,1,1-Trichloroethane	<0.0014		0.0014	0.00048	mg/Kg	☼	07/21/23 18:05	07/26/23 07:37	1
1,1,2-Trichloroethane	<0.0014		0.0014	0.00062	mg/Kg	☼	07/21/23 18:05	07/26/23 07:37	1
Trichloroethene	<0.0014		0.0014	0.00049	mg/Kg	☼	07/21/23 18:05	07/26/23 07:37	1
Vinyl chloride	<0.0014		0.0014	0.00064	mg/Kg	☼	07/21/23 18:05	07/26/23 07:37	1
Xylenes, Total	<0.0029		0.0029	0.00046	mg/Kg	☼	07/21/23 18:05	07/26/23 07:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128	*3	75 - 131	07/21/23 18:05	07/26/23 07:37	1
Dibromofluoromethane (Surr)	106		75 - 126	07/21/23 18:05	07/26/23 07:37	1
1,2-Dichloroethane-d4 (Surr)	103		70 - 134	07/21/23 18:05	07/26/23 07:37	1
Toluene-d8 (Surr)	98		75 - 124	07/21/23 18:05	07/26/23 07:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.039	mg/Kg	☼	07/26/23 07:34	07/27/23 22:51	1
1,2-Dichlorobenzene	<0.18		0.18	0.043	mg/Kg	☼	07/26/23 07:34	07/27/23 22:51	1
1,3-Dichlorobenzene	<0.18		0.18	0.041	mg/Kg	☼	07/26/23 07:34	07/27/23 22:51	1
1,4-Dichlorobenzene	<0.18		0.18	0.046	mg/Kg	☼	07/26/23 07:34	07/27/23 22:51	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.042	mg/Kg	☼	07/26/23 07:34	07/27/23 22:51	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237047-1

Client Sample ID: ROW-22(6.5-13)-072123

Lab Sample ID: 500-237047-14

Date Collected: 07/21/23 11:45

Matrix: Solid

Date Received: 07/21/23 16:30

Percent Solids: 88.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.36		0.36	0.082	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
2,4,6-Trichlorophenol	<0.36		0.36	0.12	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
2,4-Dichlorophenol	<0.36		0.36	0.086	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
2,4-Dimethylphenol	<0.36		0.36	0.14	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
2,4-Dinitrophenol	<0.73		0.73	0.64	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
2,4-Dinitrotoluene	<0.18		0.18	0.057	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
2,6-Dinitrotoluene	<0.18		0.18	0.071	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
2-Chloronaphthalene	<0.18		0.18	0.040	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
2-Chlorophenol	<0.18		0.18	0.062	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
2-Methylnaphthalene	<0.073		0.073	0.0066	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
2-Methylphenol	<0.18		0.18	0.058	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
2-Nitroaniline	<0.18		0.18	0.049	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
2-Nitrophenol	<0.36		0.36	0.085	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
3 & 4 Methylphenol	<0.18		0.18	0.060	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.051	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
3-Nitroaniline	<0.36		0.36	0.11	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
4,6-Dinitro-2-methylphenol	<0.73		0.73	0.29	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.048	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
4-Chloro-3-methylphenol	<0.36		0.36	0.12	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
4-Chloroaniline	<0.73		0.73	0.17	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.042	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
4-Nitroaniline	<0.36		0.36	0.15	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
4-Nitrophenol	<0.73		0.73	0.34	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
Acenaphthene	<0.036		0.036	0.0065	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
Acenaphthylene	<0.036		0.036	0.0048	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
Anthracene	<0.036		0.036	0.0060	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
Benzo[a]anthracene	0.0093	J	0.036	0.0049	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
Benzo[a]pyrene	<0.036		0.036	0.0070	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
Benzo[b]fluoranthene	<0.036		0.036	0.0078	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
Benzo[g,h,i]perylene	0.024	J	0.036	0.012	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
Benzo[k]fluoranthene	<0.036		0.036	0.011	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.037	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.054	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.066	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
Butyl benzyl phthalate	<0.18		0.18	0.069	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
Carbazole	<0.18		0.18	0.090	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
Chrysene	<0.036		0.036	0.0099	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
Dibenz(a,h)anthracene	<0.036		0.036	0.0070	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
Dibenzofuran	<0.18		0.18	0.042	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
Diethyl phthalate	<0.18		0.18	0.061	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
Dimethyl phthalate	<0.18		0.18	0.047	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
Di-n-butyl phthalate	<0.18		0.18	0.055	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
Di-n-octyl phthalate	<0.18		0.18	0.059	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
Fluoranthene	<0.036		0.036	0.0067	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
Fluorene	<0.036		0.036	0.0051	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
Hexachlorobenzene	<0.073		0.073	0.0084	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
Hexachlorobutadiene	<0.18		0.18	0.057	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
Hexachlorocyclopentadiene	<0.73		0.73	0.21	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
Hexachloroethane	<0.18		0.18	0.055	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237047-1

Client Sample ID: ROW-22(6.5-13)-072123

Lab Sample ID: 500-237047-14

Date Collected: 07/21/23 11:45

Matrix: Solid

Date Received: 07/21/23 16:30

Percent Solids: 88.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.036		0.036	0.0094	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
Isophorone	<0.18		0.18	0.041	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
Naphthalene	<0.036		0.036	0.0056	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
Nitrobenzene	<0.036		0.036	0.0090	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
N-Nitrosodi-n-propylamine	<0.073		0.073	0.044	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
N-Nitrosodiphenylamine	<0.18		0.18	0.043	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
Pentachlorophenol	<0.73		0.73	0.58	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
Phenanthrene	0.026	J	0.036	0.0050	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
Phenol	<0.18		0.18	0.080	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
Pyrene	<0.036		0.036	0.0072	mg/Kg	✳	07/26/23 07:34	07/27/23 22:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	53		31 - 166				07/26/23 07:34	07/27/23 22:51	1
Phenol-d5 (Surr)	52		30 - 153				07/26/23 07:34	07/27/23 22:51	1
Nitrobenzene-d5 (Surr)	49		37 - 147				07/26/23 07:34	07/27/23 22:51	1
2-Fluorobiphenyl (Surr)	63		43 - 145				07/26/23 07:34	07/27/23 22:51	1
2,4,6-Tribromophenol (Surr)	63		31 - 143				07/26/23 07:34	07/27/23 22:51	1
Terphenyl-d14 (Surr)	79		42 - 157				07/26/23 07:34	07/27/23 22:51	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8000		21	8.7	mg/Kg	✳	07/25/23 15:14	07/26/23 16:33	1
Antimony	<2.1		2.1	0.42	mg/Kg	✳	07/25/23 15:14	07/26/23 16:33	1
Arsenic	6.1		1.1	0.37	mg/Kg	✳	07/25/23 15:14	07/26/23 16:33	1
Barium	27		1.1	0.12	mg/Kg	✳	07/25/23 15:14	07/26/23 16:33	1
Beryllium	0.70		0.43	0.10	mg/Kg	✳	07/25/23 15:14	07/26/23 16:33	1
Cadmium	0.19	J	0.21	0.038	mg/Kg	✳	07/25/23 15:14	07/26/23 16:33	1
Calcium	57000	B	21	3.6	mg/Kg	✳	07/25/23 15:14	07/26/23 16:33	1
Chromium	14		1.1	0.53	mg/Kg	✳	07/25/23 15:14	07/26/23 16:33	1
Cobalt	11		0.53	0.14	mg/Kg	✳	07/25/23 15:14	07/26/23 16:33	1
Copper	23		1.1	0.30	mg/Kg	✳	07/25/23 15:14	07/26/23 16:33	1
Iron	17000	B	21	11	mg/Kg	✳	07/25/23 15:14	07/26/23 16:33	1
Lead	16		0.53	0.25	mg/Kg	✳	07/25/23 15:14	07/26/23 16:33	1
Magnesium	31000	B	11	5.3	mg/Kg	✳	07/25/23 15:14	07/26/23 16:33	1
Manganese	420	B	1.1	0.15	mg/Kg	✳	07/25/23 15:14	07/26/23 16:33	1
Nickel	28		1.1	0.31	mg/Kg	✳	07/25/23 15:14	07/26/23 16:33	1
Potassium	2300		53	19	mg/Kg	✳	07/25/23 15:14	07/26/23 16:33	1
Selenium	<1.1		1.1	0.63	mg/Kg	✳	07/25/23 15:14	07/26/23 16:33	1
Silver	<0.53		0.53	0.14	mg/Kg	✳	07/25/23 15:14	07/26/23 16:33	1
Sodium	400		110	16	mg/Kg	✳	07/25/23 15:14	07/26/23 16:33	1
Thallium	<1.1		1.1	0.53	mg/Kg	✳	07/25/23 15:14	07/26/23 16:33	1
Vanadium	15		0.53	0.13	mg/Kg	✳	07/25/23 15:14	07/26/23 16:33	1
Zinc	45		2.1	0.94	mg/Kg	✳	07/25/23 15:14	07/26/23 16:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/27/23 17:02	07/28/23 18:23	1
Barium	0.40	J	0.50	0.050	mg/L		07/27/23 17:02	07/28/23 18:23	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/27/23 17:02	07/28/23 18:23	1
Cadmium	0.0020	J	0.0050	0.0020	mg/L		07/27/23 17:02	07/28/23 18:23	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237047-1

Client Sample ID: ROW-22(6.5-13)-072123

Lab Sample ID: 500-237047-14

Date Collected: 07/21/23 11:45

Matrix: Solid

Date Received: 07/21/23 16:30

Percent Solids: 88.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/27/23 17:02	07/28/23 18:23	1
Cobalt	0.021	J	0.025	0.010	mg/L		07/27/23 17:02	07/28/23 18:23	1
Copper	0.011	J	0.025	0.010	mg/L		07/27/23 17:02	07/28/23 18:23	1
Iron	<0.40		0.40	0.20	mg/L		07/27/23 17:02	07/28/23 18:23	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/27/23 17:02	07/28/23 18:23	1
Manganese	2.0		0.025	0.010	mg/L		07/27/23 17:02	07/28/23 18:23	1
Nickel	0.054		0.025	0.010	mg/L		07/27/23 17:02	07/28/23 18:23	1
Selenium	0.023	J B *+	0.050	0.020	mg/L		07/27/23 17:02	07/28/23 18:23	1
Silver	<0.025		0.025	0.010	mg/L		07/27/23 17:02	07/28/23 18:23	1
Zinc	<0.50		0.50	0.020	mg/L		07/27/23 17:02	07/28/23 18:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/27/23 17:03	07/28/23 14:07	1
Barium	<0.50		0.50	0.050	mg/L		07/27/23 17:03	07/28/23 14:07	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/27/23 17:03	07/28/23 14:07	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/27/23 17:03	07/28/23 14:07	1
Chromium	<0.025		0.025	0.010	mg/L		07/27/23 17:03	07/28/23 14:07	1
Cobalt	<0.025		0.025	0.010	mg/L		07/27/23 17:03	07/28/23 14:07	1
Copper	<0.025		0.025	0.010	mg/L		07/27/23 17:03	07/28/23 14:07	1
Iron	4.0		0.40	0.20	mg/L		07/27/23 17:03	07/28/23 14:07	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/27/23 17:03	07/28/23 14:07	1
Manganese	0.061		0.025	0.010	mg/L		07/27/23 17:03	07/28/23 14:07	1
Nickel	<0.025		0.025	0.010	mg/L		07/27/23 17:03	07/28/23 14:07	1
Selenium	<0.050		0.050	0.020	mg/L		07/27/23 17:03	07/28/23 14:07	1
Silver	<0.025		0.025	0.010	mg/L		07/27/23 17:03	07/28/23 14:07	1
Zinc	<0.50		0.50	0.020	mg/L		07/27/23 17:03	07/28/23 14:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/28/23 12:30	07/31/23 09:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/27/23 13:25	07/28/23 13:31	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	J	0.018	0.0095	mg/Kg	☼	07/31/23 16:50	08/01/23 10:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.5		0.2	0.2	SU			07/26/23 19:10	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237047-1

Client Sample ID: ROW-22(13-20)-072123

Lab Sample ID: 500-237047-15

Date Collected: 07/21/23 11:50

Matrix: Solid

Date Received: 07/21/23 16:30

Percent Solids: 84.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0073	mg/Kg	✳	07/21/23 18:05	07/26/23 08:03	1
Benzene	<0.0017		0.0017	0.00043	mg/Kg	✳	07/21/23 18:05	07/26/23 08:03	1
Bromodichloromethane	<0.0017		0.0017	0.00034	mg/Kg	✳	07/21/23 18:05	07/26/23 08:03	1
Bromoform	<0.0017		0.0017	0.00049	mg/Kg	✳	07/21/23 18:05	07/26/23 08:03	1
Bromomethane	<0.0042		0.0042	0.0016	mg/Kg	✳	07/21/23 18:05	07/26/23 08:03	1
Carbon disulfide	<0.0042		0.0042	0.00087	mg/Kg	✳	07/21/23 18:05	07/26/23 08:03	1
Carbon tetrachloride	<0.0017		0.0017	0.00049	mg/Kg	✳	07/21/23 18:05	07/26/23 08:03	1
Chlorobenzene	<0.0017		0.0017	0.00062	mg/Kg	✳	07/21/23 18:05	07/26/23 08:03	1
Chloroethane	<0.0042		0.0042	0.0012	mg/Kg	✳	07/21/23 18:05	07/26/23 08:03	1
Chloroform	<0.0017		0.0017	0.00058	mg/Kg	✳	07/21/23 18:05	07/26/23 08:03	1
Chloromethane	<0.0042	*+	0.0042	0.0017	mg/Kg	✳	07/21/23 18:05	07/26/23 08:03	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00047	mg/Kg	✳	07/21/23 18:05	07/26/23 08:03	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00051	mg/Kg	✳	07/21/23 18:05	07/26/23 08:03	1
Dibromochloromethane	<0.0017		0.0017	0.00055	mg/Kg	✳	07/21/23 18:05	07/26/23 08:03	1
1,1-Dichloroethane	<0.0017		0.0017	0.00058	mg/Kg	✳	07/21/23 18:05	07/26/23 08:03	1
1,2-Dichloroethane	<0.0042		0.0042	0.0013	mg/Kg	✳	07/21/23 18:05	07/26/23 08:03	1
1,1-Dichloroethene	<0.0017		0.0017	0.00058	mg/Kg	✳	07/21/23 18:05	07/26/23 08:03	1
1,2-Dichloropropane	<0.0017		0.0017	0.00043	mg/Kg	✳	07/21/23 18:05	07/26/23 08:03	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00059	mg/Kg	✳	07/21/23 18:05	07/26/23 08:03	1
Ethylbenzene	<0.0017		0.0017	0.00080	mg/Kg	✳	07/21/23 18:05	07/26/23 08:03	1
2-Hexanone	<0.0042		0.0042	0.0013	mg/Kg	✳	07/21/23 18:05	07/26/23 08:03	1
Methylene Chloride	<0.0042		0.0042	0.0017	mg/Kg	✳	07/21/23 18:05	07/26/23 08:03	1
Methyl Ethyl Ketone	<0.0042		0.0042	0.0019	mg/Kg	✳	07/21/23 18:05	07/26/23 08:03	1
methyl isobutyl ketone	<0.0042		0.0042	0.0012	mg/Kg	✳	07/21/23 18:05	07/26/23 08:03	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00049	mg/Kg	✳	07/21/23 18:05	07/26/23 08:03	1
Styrene	<0.0017		0.0017	0.00051	mg/Kg	✳	07/21/23 18:05	07/26/23 08:03	1
1,1,2,2-Tetrachloroethane	<0.0017	*3	0.0017	0.00054	mg/Kg	✳	07/21/23 18:05	07/26/23 08:03	1
Tetrachloroethene	<0.0017		0.0017	0.00057	mg/Kg	✳	07/21/23 18:05	07/26/23 08:03	1
Toluene	<0.0017		0.0017	0.00042	mg/Kg	✳	07/21/23 18:05	07/26/23 08:03	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00074	mg/Kg	✳	07/21/23 18:05	07/26/23 08:03	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00059	mg/Kg	✳	07/21/23 18:05	07/26/23 08:03	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00056	mg/Kg	✳	07/21/23 18:05	07/26/23 08:03	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00072	mg/Kg	✳	07/21/23 18:05	07/26/23 08:03	1
Trichloroethene	<0.0017		0.0017	0.00057	mg/Kg	✳	07/21/23 18:05	07/26/23 08:03	1
Vinyl chloride	<0.0017		0.0017	0.00074	mg/Kg	✳	07/21/23 18:05	07/26/23 08:03	1
Xylenes, Total	<0.0034		0.0034	0.00054	mg/Kg	✳	07/21/23 18:05	07/26/23 08:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	156	*3 S1+	75 - 131	07/21/23 18:05	07/26/23 08:03	1
Dibromofluoromethane (Surr)	117		75 - 126	07/21/23 18:05	07/26/23 08:03	1
1,2-Dichloroethane-d4 (Surr)	113		70 - 134	07/21/23 18:05	07/26/23 08:03	1
Toluene-d8 (Surr)	106		75 - 124	07/21/23 18:05	07/26/23 08:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237047-1

Client Sample ID: ROW-22(13-20)-072123

Lab Sample ID: 500-237047-15

Date Collected: 07/21/23 11:50

Matrix: Solid

Date Received: 07/21/23 16:30

Percent Solids: 84.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.085	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
2,4-Dichlorophenol	<0.37		0.37	0.089	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
2,4-Dinitrophenol	<0.75		0.75	0.66	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
2,4-Dinitrotoluene	<0.19		0.19	0.059	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
2,6-Dinitrotoluene	<0.19		0.19	0.073	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
2-Chlorophenol	<0.19		0.19	0.064	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
2-Methylnaphthalene	<0.075		0.075	0.0069	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
2-Nitrophenol	<0.37		0.37	0.088	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
3 & 4 Methylphenol	<0.19		0.19	0.062	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.052	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.30	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
4-Chloroaniline	<0.75		0.75	0.18	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
4-Nitrophenol	<0.75		0.75	0.36	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
Acenaphthene	<0.037		0.037	0.0067	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
Acenaphthylene	<0.037		0.037	0.0049	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
Anthracene	<0.037		0.037	0.0062	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
Benzo[a]anthracene	0.0085	J	0.037	0.0050	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
Benzo[a]pyrene	<0.037		0.037	0.0072	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
Benzo[b]fluoranthene	<0.037		0.037	0.0081	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
Benzo[g,h,i]perylene	0.024	J	0.037	0.012	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
Benzo[k]fluoranthene	<0.037		0.037	0.011	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.068	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
Butyl benzyl phthalate	<0.19		0.19	0.071	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
Carbazole	<0.19		0.19	0.093	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
Chrysene	0.010	J	0.037	0.010	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
Dibenz(a,h)anthracene	<0.037		0.037	0.0072	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
Diethyl phthalate	<0.19		0.19	0.063	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
Fluoranthene	<0.037		0.037	0.0069	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
Fluorene	<0.037		0.037	0.0053	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
Hexachlorobenzene	<0.075		0.075	0.0087	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
Hexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
Hexachlorocyclopentadiene	<0.75		0.75	0.21	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1
Hexachloroethane	<0.19		0.19	0.057	mg/Kg	✳	07/26/23 07:34	07/27/23 23:13	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237047-1

Client Sample ID: ROW-22(13-20)-072123

Lab Sample ID: 500-237047-15

Date Collected: 07/21/23 11:50

Matrix: Solid

Date Received: 07/21/23 16:30

Percent Solids: 84.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.037		0.037	0.0097	mg/Kg	✱	07/26/23 07:34	07/27/23 23:13	1
Isophorone	<0.19		0.19	0.042	mg/Kg	✱	07/26/23 07:34	07/27/23 23:13	1
Naphthalene	<0.037		0.037	0.0057	mg/Kg	✱	07/26/23 07:34	07/27/23 23:13	1
Nitrobenzene	<0.037		0.037	0.0093	mg/Kg	✱	07/26/23 07:34	07/27/23 23:13	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.046	mg/Kg	✱	07/26/23 07:34	07/27/23 23:13	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	✱	07/26/23 07:34	07/27/23 23:13	1
Pentachlorophenol	<0.75		0.75	0.60	mg/Kg	✱	07/26/23 07:34	07/27/23 23:13	1
Phenanthrene	0.014	J	0.037	0.0052	mg/Kg	✱	07/26/23 07:34	07/27/23 23:13	1
Phenol	<0.19		0.19	0.083	mg/Kg	✱	07/26/23 07:34	07/27/23 23:13	1
Pyrene	<0.037		0.037	0.0074	mg/Kg	✱	07/26/23 07:34	07/27/23 23:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	66		31 - 166	07/26/23 07:34	07/27/23 23:13	1
Phenol-d5 (Surr)	60		30 - 153	07/26/23 07:34	07/27/23 23:13	1
Nitrobenzene-d5 (Surr)	63		37 - 147	07/26/23 07:34	07/27/23 23:13	1
2-Fluorobiphenyl (Surr)	73		43 - 145	07/26/23 07:34	07/27/23 23:13	1
2,4,6-Tribromophenol (Surr)	66		31 - 143	07/26/23 07:34	07/27/23 23:13	1
Terphenyl-d14 (Surr)	76		42 - 157	07/26/23 07:34	07/27/23 23:13	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	10000		21	8.7	mg/Kg	✱	07/25/23 15:14	07/26/23 16:36	1
Antimony	0.47	J	2.1	0.42	mg/Kg	✱	07/25/23 15:14	07/26/23 16:36	1
Arsenic	6.7		1.1	0.37	mg/Kg	✱	07/25/23 15:14	07/26/23 16:36	1
Barium	40		1.1	0.12	mg/Kg	✱	07/25/23 15:14	07/26/23 16:36	1
Beryllium	0.82		0.43	0.10	mg/Kg	✱	07/25/23 15:14	07/26/23 16:36	1
Cadmium	0.18	J	0.21	0.038	mg/Kg	✱	07/25/23 15:14	07/26/23 16:36	1
Calcium	50000	B	21	3.6	mg/Kg	✱	07/25/23 15:14	07/26/23 16:36	1
Chromium	16		1.1	0.53	mg/Kg	✱	07/25/23 15:14	07/26/23 16:36	1
Cobalt	12		0.53	0.14	mg/Kg	✱	07/25/23 15:14	07/26/23 16:36	1
Copper	23		1.1	0.30	mg/Kg	✱	07/25/23 15:14	07/26/23 16:36	1
Iron	19000	B	21	11	mg/Kg	✱	07/25/23 15:14	07/26/23 16:36	1
Lead	14		0.53	0.25	mg/Kg	✱	07/25/23 15:14	07/26/23 16:36	1
Magnesium	28000	B	11	5.3	mg/Kg	✱	07/25/23 15:14	07/26/23 16:36	1
Manganese	370	B	1.1	0.16	mg/Kg	✱	07/25/23 15:14	07/26/23 16:36	1
Nickel	32		1.1	0.31	mg/Kg	✱	07/25/23 15:14	07/26/23 16:36	1
Potassium	3000		53	19	mg/Kg	✱	07/25/23 15:14	07/26/23 16:36	1
Selenium	<1.1		1.1	0.63	mg/Kg	✱	07/25/23 15:14	07/26/23 16:36	1
Silver	<0.53		0.53	0.14	mg/Kg	✱	07/25/23 15:14	07/26/23 16:36	1
Sodium	190		110	16	mg/Kg	✱	07/25/23 15:14	07/26/23 16:36	1
Thallium	<1.1		1.1	0.53	mg/Kg	✱	07/25/23 15:14	07/26/23 16:36	1
Vanadium	19		0.53	0.13	mg/Kg	✱	07/25/23 15:14	07/26/23 16:36	1
Zinc	49		2.1	0.94	mg/Kg	✱	07/25/23 15:14	07/26/23 16:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/27/23 17:02	07/28/23 18:27	1
Barium	0.18	J	0.50	0.050	mg/L		07/27/23 17:02	07/28/23 18:27	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/27/23 17:02	07/28/23 18:27	1
Cadmium	0.0020	J	0.0050	0.0020	mg/L		07/27/23 17:02	07/28/23 18:27	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237047-1

Client Sample ID: ROW-22(13-20)-072123

Lab Sample ID: 500-237047-15

Date Collected: 07/21/23 11:50

Matrix: Solid

Date Received: 07/21/23 16:30

Percent Solids: 84.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/27/23 17:02	07/28/23 18:27	1
Cobalt	<0.025		0.025	0.010	mg/L		07/27/23 17:02	07/28/23 18:27	1
Copper	<0.025		0.025	0.010	mg/L		07/27/23 17:02	07/28/23 18:27	1
Iron	<0.40		0.40	0.20	mg/L		07/27/23 17:02	07/28/23 18:27	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/27/23 17:02	07/28/23 18:27	1
Manganese	1.8		0.025	0.010	mg/L		07/27/23 17:02	07/28/23 18:27	1
Nickel	0.015	J	0.025	0.010	mg/L		07/27/23 17:02	07/28/23 18:27	1
Selenium	0.021	J B *+	0.050	0.020	mg/L		07/27/23 17:02	07/28/23 18:27	1
Silver	<0.025		0.025	0.010	mg/L		07/27/23 17:02	07/28/23 18:27	1
Zinc	<0.50		0.50	0.020	mg/L		07/27/23 17:02	07/28/23 18:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/27/23 17:03	07/28/23 14:11	1
Barium	<0.50		0.50	0.050	mg/L		07/27/23 17:03	07/28/23 14:11	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/27/23 17:03	07/28/23 14:11	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/27/23 17:03	07/28/23 14:11	1
Chromium	<0.025		0.025	0.010	mg/L		07/27/23 17:03	07/28/23 14:11	1
Cobalt	<0.025		0.025	0.010	mg/L		07/27/23 17:03	07/28/23 14:11	1
Copper	<0.025		0.025	0.010	mg/L		07/27/23 17:03	07/28/23 14:11	1
Iron	3.6		0.40	0.20	mg/L		07/27/23 17:03	07/28/23 14:11	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/27/23 17:03	07/28/23 14:11	1
Manganese	0.043		0.025	0.010	mg/L		07/27/23 17:03	07/28/23 14:11	1
Nickel	<0.025		0.025	0.010	mg/L		07/27/23 17:03	07/28/23 14:11	1
Selenium	<0.050		0.050	0.020	mg/L		07/27/23 17:03	07/28/23 14:11	1
Silver	<0.025		0.025	0.010	mg/L		07/27/23 17:03	07/28/23 14:11	1
Zinc	<0.50		0.50	0.020	mg/L		07/27/23 17:03	07/28/23 14:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/28/23 12:30	07/31/23 09:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/27/23 13:25	07/28/23 13:33	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.018		0.018	0.0098	mg/Kg	☼	07/31/23 16:50	08/01/23 10:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.8		0.2	0.2	SU			07/26/23 19:15	1

Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237047-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

Metals

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

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Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237047-1

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

667778



Environment Testing
America

Address _____



500-237047 COC

Regulatory Program: DW NPDES RCRA Other

TAL-8210

Client Contact		Project Manager A. Skesers		Site Contact C. Davids		Date 07/21/23		COC No 667778			
Company Name Weston Solutions		Tel/Email		Lab Contact J. Knapp		Carrier		1 of 3 COCs			
Address 300 Knightsbridge Pkwy		Analysis Turnaround Time									
City/State/Zip Lincolnshire, IL 60069		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____									
Phone		<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) VOCs SVOCs Total Metals PCB/SPLP Metals pH									
Project Name 056 IL-68											
Site											
P O #											
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Sample Specific Notes				
1	RB5-1(0-6.5)-072123	07/21/23	1000	G	S	6	X	X	X	X	X
2	RB5-1(0-6.5)-072123D		1000								
3	RB5-1(6.5-13)-072123		1005								
4	RB5-1(13-20)-072123		1010								
5	RB5-2(0-6.5)-072123		1035								
6	RB5-2(6.5-13)-072123		1040								
7	RB5-2(13-20)-072123		1045								
8	RB5-3(0-6.5)-072123		1110								
9	RB5-3(6.5-13)-072123		1115								
10	RB5-3(0-6.5)-072123		1110								
11	RB5-3(13-20)-072123		1120								
Preservation Used: 1=Ice, 2=HCl; 3=H2SO4; 4=HNO3; 5=NaOH; 6=Other											
Possible Hazard Identification. Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)						
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown					<input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months						
Special Instructions/QC Requirements & Comments:											
Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temp. (°C) Obs'd		Corr'd		Therm ID No			
Relinquished by <i>Cot King</i>		Company Weston		Date/Time 07/21/23 5:29		Received by <i>Tracey Hurdles</i>		Company EEIA			
Relinquished by <i>Tracey Hurdles</i>		Company EEIA		Date/Time 7/21/23 1630		Received by		Date/Time			
Relinquished by		Company		Date/Time		Received in Laboratory by <i>Stephanie Hemondy</i>		Company EEIA			
								Date/Time 7/21/23 1630			

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Chain of Custody Record

667779



Environment Testing America

Address _____

Regulatory Program: DW NPDES RCRA Other

TAL-8210

Client Contact		Project Manager: A. Skesers		Site Contact: C. Davids		Date: 07/21/2023		COC No 66779					
Company Name Weston Solutions		Tel/Email:		Lab Contact: J. Knapp		Carrier:		2 of 8 COCs					
Address 300 Knightsbridge Pkwy		Analysis Turnaround Time		Filtered Sample (Y/N) Perform MS / MSD (Y/N) VOCs SVOCs Trace Metals TCLP / PLP Metals PH				Sampler					
City/State/Zip Lincolnshire, IL 60069		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below: _____						For Lab Use Only:					
Phone		<input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day						Walk-in Client					
Fax								Lab Sampling					
Project Name 056 IL-68								Job / SDG No 056					
Site				500-137047		Sample Specific Notes							
PO #													
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.							
12	ROW-22 (0-6.5)-072123	07/21/23	1140	G	S	6	X	X	X	X	X		
13	ROW-22 (0-6.5)-072123(D)		1140										
14	ROW-22 (6.5-13)-072123		1145										
15	ROW-22 (13-20)-072123		1150										
	RB6-1 (0-6.5)-072123		1220										
	RB6-1 (6.5-13)-072123		1225										
	RB6-1 (13-20)-072123		1230										
	RB6-2 (0-6.5)-072123		1325										
	RB6-2 (6.5-13)-072123		1330										
	RB6-2 (13-20)-072123		1335										
	RB6-3 (0-6.5)-072123		1355										
	RB6-3 (0-6.5)-072123(D)		1355										
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other													
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)							
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown						<input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months							
Special Instructions/QC Requirements & Comments:													
Custody Seals Intact. <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temp (°C) Obs'd _____ Corr'd _____		Therm ID No _____							
Relinquished by [Signature]		Company Weston		Date/Time 07/21/23 1535		Received by [Signature]		Company EETA Date/Time 7/21/23 1530					
Relinquished by [Signature]		Company EETA		Date/Time 7/21/23 1630		Received by							
Relinquished by		Company		Date/Time		Received in Laboratory by Stephanie Hemondly		Company EETA Date/Time 7/21/23 1630					

 **ANALYTICAL REPORT****PREPARED FOR**

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

Generated 8/2/2023 11:57:53 AM

JOB DESCRIPTION

IDOT - FAP 342 IL 53 - WO 056

JOB NUMBER

500-236922-1

Eurofins Chicago

Job Notes

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

Authorization



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Authorized for release by
Jim Knapp, Project Manager II
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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

Client Sample ID: ROW-1(0-6.5)-071923

Lab Sample ID: 500-236922-4

Date Collected: 07/19/23 11:50

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 86.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0070	mg/Kg	☼	07/20/23 18:51	07/24/23 23:59	1
Benzene	<0.0016		0.0016	0.00041	mg/Kg	☼	07/20/23 18:51	07/24/23 23:59	1
Bromodichloromethane	<0.0016		0.0016	0.00033	mg/Kg	☼	07/20/23 18:51	07/24/23 23:59	1
Bromoform	<0.0016		0.0016	0.00047	mg/Kg	☼	07/20/23 18:51	07/24/23 23:59	1
Bromomethane	<0.0040		0.0040	0.0015	mg/Kg	☼	07/20/23 18:51	07/24/23 23:59	1
Carbon disulfide	<0.0040		0.0040	0.00083	mg/Kg	☼	07/20/23 18:51	07/24/23 23:59	1
Carbon tetrachloride	<0.0016		0.0016	0.00047	mg/Kg	☼	07/20/23 18:51	07/24/23 23:59	1
Chlorobenzene	<0.0016		0.0016	0.00059	mg/Kg	☼	07/20/23 18:51	07/24/23 23:59	1
Chloroethane	<0.0040		0.0040	0.0012	mg/Kg	☼	07/20/23 18:51	07/24/23 23:59	1
Chloroform	<0.0016		0.0016	0.00056	mg/Kg	☼	07/20/23 18:51	07/24/23 23:59	1
Chloromethane	<0.0040		0.0040	0.0016	mg/Kg	☼	07/20/23 18:51	07/24/23 23:59	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00045	mg/Kg	☼	07/20/23 18:51	07/24/23 23:59	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00048	mg/Kg	☼	07/20/23 18:51	07/24/23 23:59	1
Dibromochloromethane	<0.0016		0.0016	0.00052	mg/Kg	☼	07/20/23 18:51	07/24/23 23:59	1
1,1-Dichloroethane	<0.0016		0.0016	0.00055	mg/Kg	☼	07/20/23 18:51	07/24/23 23:59	1
1,2-Dichloroethane	<0.0040		0.0040	0.0013	mg/Kg	☼	07/20/23 18:51	07/24/23 23:59	1
1,1-Dichloroethene	<0.0016		0.0016	0.00055	mg/Kg	☼	07/20/23 18:51	07/24/23 23:59	1
1,2-Dichloropropane	<0.0016		0.0016	0.00041	mg/Kg	☼	07/20/23 18:51	07/24/23 23:59	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00056	mg/Kg	☼	07/20/23 18:51	07/24/23 23:59	1
Ethylbenzene	<0.0016		0.0016	0.00077	mg/Kg	☼	07/20/23 18:51	07/24/23 23:59	1
2-Hexanone	<0.0040		0.0040	0.0013	mg/Kg	☼	07/20/23 18:51	07/24/23 23:59	1
Methylene Chloride	<0.0040		0.0040	0.0016	mg/Kg	☼	07/20/23 18:51	07/24/23 23:59	1
Methyl Ethyl Ketone	<0.0040		0.0040	0.0018	mg/Kg	☼	07/20/23 18:51	07/24/23 23:59	1
methyl isobutyl ketone	<0.0040		0.0040	0.0012	mg/Kg	☼	07/20/23 18:51	07/24/23 23:59	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00047	mg/Kg	☼	07/20/23 18:51	07/24/23 23:59	1
Styrene	<0.0016		0.0016	0.00048	mg/Kg	☼	07/20/23 18:51	07/24/23 23:59	1
1,1,2,2-Tetrachloroethane	<0.0016	*3	0.0016	0.00051	mg/Kg	☼	07/20/23 18:51	07/24/23 23:59	1
Tetrachloroethene	<0.0016		0.0016	0.00055	mg/Kg	☼	07/20/23 18:51	07/24/23 23:59	1
Toluene	<0.0016		0.0016	0.00041	mg/Kg	☼	07/20/23 18:51	07/24/23 23:59	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00071	mg/Kg	☼	07/20/23 18:51	07/24/23 23:59	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00056	mg/Kg	☼	07/20/23 18:51	07/24/23 23:59	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00054	mg/Kg	☼	07/20/23 18:51	07/24/23 23:59	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00069	mg/Kg	☼	07/20/23 18:51	07/24/23 23:59	1
Trichloroethene	<0.0016		0.0016	0.00054	mg/Kg	☼	07/20/23 18:51	07/24/23 23:59	1
Vinyl chloride	<0.0016		0.0016	0.00071	mg/Kg	☼	07/20/23 18:51	07/24/23 23:59	1
Xylenes, Total	<0.0032		0.0032	0.00051	mg/Kg	☼	07/20/23 18:51	07/24/23 23:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	190	S1+ *3	75 - 131	07/20/23 18:51	07/24/23 23:59	1
Dibromofluoromethane (Surr)	123		75 - 126	07/20/23 18:51	07/24/23 23:59	1
1,2-Dichloroethane-d4 (Surr)	143	S1+	70 - 134	07/20/23 18:51	07/24/23 23:59	1
Toluene-d8 (Surr)	138	S1+	75 - 124	07/20/23 18:51	07/24/23 23:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	☼	07/21/23 07:29	07/24/23 15:35	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	☼	07/21/23 07:29	07/24/23 15:35	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	07/21/23 07:29	07/24/23 15:35	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	☼	07/21/23 07:29	07/24/23 15:35	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	☼	07/21/23 07:29	07/24/23 15:35	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

Client Sample ID: ROW-1(0-6.5)-071923

Lab Sample ID: 500-236922-4

Date Collected: 07/19/23 11:50

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 86.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.086	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
2,4-Dichlorophenol	<0.37		0.37	0.089	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
2,4-Dinitrophenol	<0.76		0.76	0.66	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
2,4-Dinitrotoluene	<0.19		0.19	0.060	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
2,6-Dinitrotoluene	<0.19		0.19	0.074	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
2-Chlorophenol	<0.19		0.19	0.064	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
2-Methylnaphthalene	<0.076		0.076	0.0069	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
2-Nitrophenol	<0.37		0.37	0.089	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
3 & 4 Methylphenol	<0.19		0.19	0.063	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.053	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.30	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
4-Chloroaniline	<0.76		0.76	0.18	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
4-Nitrophenol	<0.76		0.76	0.36	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
Acenaphthene	<0.037		0.037	0.0068	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
Acenaphthylene	<0.037		0.037	0.0050	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
Anthracene	<0.037		0.037	0.0063	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
Benzo[a]anthracene	<0.037		0.037	0.0051	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
Benzo[a]pyrene	<0.037		0.037	0.0073	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
Benzo[b]fluoranthene	<0.037		0.037	0.0081	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
Benzo[g,h,i]perylene	<0.037		0.037	0.012	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
Benzo[k]fluoranthene	<0.037		0.037	0.011	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.069	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
Butyl benzyl phthalate	<0.19		0.19	0.072	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
Carbazole	<0.19		0.19	0.094	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
Chrysene	<0.037		0.037	0.010	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
Dibenz(a,h)anthracene	<0.037		0.037	0.0073	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
Diethyl phthalate	<0.19		0.19	0.064	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
Fluoranthene	<0.037		0.037	0.0070	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
Fluorene	<0.037		0.037	0.0053	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
Hexachlorobenzene	<0.076		0.076	0.0087	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
Hexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
Hexachlorocyclopentadiene	<0.76		0.76	0.22	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
Hexachloroethane	<0.19		0.19	0.057	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

Client Sample ID: ROW-1(0-6.5)-071923

Lab Sample ID: 500-236922-4

Date Collected: 07/19/23 11:50

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 86.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.037		0.037	0.0097	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
Isophorone	<0.19		0.19	0.042	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
Naphthalene	<0.037		0.037	0.0058	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
Nitrobenzene	<0.037		0.037	0.0094	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.046	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
Pentachlorophenol	<0.76		0.76	0.60	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
Phenanthrene	<0.037		0.037	0.0052	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
Phenol	<0.19		0.19	0.084	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1
Pyrene	0.016	J	0.037	0.0075	mg/Kg	✳	07/21/23 07:29	07/24/23 15:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	72		31 - 166	07/21/23 07:29	07/24/23 15:35	1
Phenol-d5 (Surr)	74		30 - 153	07/21/23 07:29	07/24/23 15:35	1
Nitrobenzene-d5 (Surr)	67		37 - 147	07/21/23 07:29	07/24/23 15:35	1
2-Fluorobiphenyl (Surr)	68		43 - 145	07/21/23 07:29	07/24/23 15:35	1
2,4,6-Tribromophenol (Surr)	41		31 - 143	07/21/23 07:29	07/24/23 15:35	1
Terphenyl-d14 (Surr)	65		42 - 157	07/21/23 07:29	07/24/23 15:35	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8200		21	8.7	mg/Kg	✳	07/21/23 15:18	07/24/23 23:52	1
Antimony	<2.1		2.1	0.42	mg/Kg	✳	07/21/23 15:18	07/24/23 23:52	1
Arsenic	6.7		1.1	0.37	mg/Kg	✳	07/21/23 15:18	07/24/23 23:52	1
Barium	37		1.1	0.12	mg/Kg	✳	07/21/23 15:18	07/24/23 23:52	1
Beryllium	0.69		0.43	0.10	mg/Kg	✳	07/21/23 15:18	07/24/23 23:52	1
Cadmium	0.21	B	0.21	0.038	mg/Kg	✳	07/21/23 15:18	07/24/23 23:52	1
Calcium	56000	B	21	3.6	mg/Kg	✳	07/21/23 15:18	07/24/23 23:52	1
Chromium	13		1.1	0.53	mg/Kg	✳	07/21/23 15:18	07/24/23 23:52	1
Cobalt	13		0.53	0.14	mg/Kg	✳	07/21/23 15:18	07/24/23 23:52	1
Copper	27		1.1	0.30	mg/Kg	✳	07/21/23 15:18	07/24/23 23:52	1
Iron	18000		21	11	mg/Kg	✳	07/21/23 15:18	07/24/23 23:52	1
Lead	14		0.53	0.25	mg/Kg	✳	07/21/23 15:18	07/24/23 23:52	1
Magnesium	34000	B	11	5.3	mg/Kg	✳	07/21/23 15:18	07/24/23 23:52	1
Manganese	530	B	1.1	0.15	mg/Kg	✳	07/21/23 15:18	07/24/23 23:52	1
Nickel	31		1.1	0.31	mg/Kg	✳	07/21/23 15:18	07/24/23 23:52	1
Potassium	2200		53	19	mg/Kg	✳	07/21/23 15:18	07/24/23 23:52	1
Selenium	0.75	J	1.1	0.63	mg/Kg	✳	07/21/23 15:18	07/24/23 23:52	1
Silver	<0.53		0.53	0.14	mg/Kg	✳	07/21/23 15:18	07/24/23 23:52	1
Sodium	450		110	16	mg/Kg	✳	07/21/23 15:18	07/24/23 23:52	1
Thallium	<1.1		1.1	0.53	mg/Kg	✳	07/21/23 15:18	07/24/23 23:52	1
Vanadium	16		0.53	0.13	mg/Kg	✳	07/21/23 15:18	07/24/23 23:52	1
Zinc	55		2.1	0.94	mg/Kg	✳	07/21/23 15:18	07/24/23 23:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/24/23 16:07	07/25/23 14:55	1
Barium	0.55		0.50	0.050	mg/L		07/24/23 16:07	07/25/23 14:55	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/24/23 16:07	07/25/23 14:55	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/24/23 16:07	07/25/23 14:55	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

Client Sample ID: ROW-1(0-6.5)-071923

Lab Sample ID: 500-236922-4

Date Collected: 07/19/23 11:50

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 86.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 14:55	1
Cobalt	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 14:55	1
Copper	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 14:55	1
Iron	<0.40		0.40	0.20	mg/L		07/24/23 16:07	07/25/23 14:55	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/24/23 16:07	07/25/23 14:55	1
Manganese	1.0		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 14:55	1
Nickel	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 14:55	1
Selenium	<0.050		0.050	0.020	mg/L		07/24/23 16:07	07/25/23 14:55	1
Silver	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 14:55	1
Zinc	<0.50		0.50	0.020	mg/L		07/24/23 16:07	07/25/23 14:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/24/23 16:08	07/26/23 00:04	1
Barium	<0.50		0.50	0.050	mg/L		07/24/23 16:08	07/26/23 00:04	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/24/23 16:08	07/26/23 00:04	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/24/23 16:08	07/26/23 00:04	1
Chromium	<0.025		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:04	1
Cobalt	<0.025		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:04	1
Copper	<0.025		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:04	1
Iron	0.60		0.40	0.20	mg/L		07/24/23 16:08	07/26/23 00:04	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/24/23 16:08	07/26/23 00:04	1
Manganese	<0.025		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:04	1
Nickel	<0.025		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:04	1
Selenium	<0.050		0.050	0.020	mg/L		07/24/23 16:08	07/26/23 00:04	1
Silver	<0.025		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:04	1
Zinc	<0.50		0.50	0.020	mg/L		07/24/23 16:08	07/26/23 00:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/25/23 10:20	07/26/23 08:43	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.018		0.017	0.0092	mg/Kg	☆	07/28/23 17:10	07/31/23 11:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.5		0.2	0.2	SU			07/24/23 20:09	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

Client Sample ID: ROW-1(6.5-13)-071923

Lab Sample ID: 500-236922-5

Date Collected: 07/19/23 11:55

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 89.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0071	mg/Kg	☼	07/20/23 18:51	07/25/23 00:24	1
Benzene	<0.0016		0.0016	0.00042	mg/Kg	☼	07/20/23 18:51	07/25/23 00:24	1
Bromodichloromethane	<0.0016		0.0016	0.00033	mg/Kg	☼	07/20/23 18:51	07/25/23 00:24	1
Bromoform	<0.0016		0.0016	0.00048	mg/Kg	☼	07/20/23 18:51	07/25/23 00:24	1
Bromomethane	<0.0041		0.0041	0.0015	mg/Kg	☼	07/20/23 18:51	07/25/23 00:24	1
Carbon disulfide	<0.0041		0.0041	0.00085	mg/Kg	☼	07/20/23 18:51	07/25/23 00:24	1
Carbon tetrachloride	<0.0016		0.0016	0.00047	mg/Kg	☼	07/20/23 18:51	07/25/23 00:24	1
Chlorobenzene	<0.0016		0.0016	0.00060	mg/Kg	☼	07/20/23 18:51	07/25/23 00:24	1
Chloroethane	<0.0041		0.0041	0.0012	mg/Kg	☼	07/20/23 18:51	07/25/23 00:24	1
Chloroform	<0.0016		0.0016	0.00057	mg/Kg	☼	07/20/23 18:51	07/25/23 00:24	1
Chloromethane	<0.0041		0.0041	0.0016	mg/Kg	☼	07/20/23 18:51	07/25/23 00:24	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00046	mg/Kg	☼	07/20/23 18:51	07/25/23 00:24	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00049	mg/Kg	☼	07/20/23 18:51	07/25/23 00:24	1
Dibromochloromethane	<0.0016		0.0016	0.00053	mg/Kg	☼	07/20/23 18:51	07/25/23 00:24	1
1,1-Dichloroethane	<0.0016		0.0016	0.00056	mg/Kg	☼	07/20/23 18:51	07/25/23 00:24	1
1,2-Dichloroethane	<0.0041		0.0041	0.0013	mg/Kg	☼	07/20/23 18:51	07/25/23 00:24	1
1,1-Dichloroethene	<0.0016		0.0016	0.00056	mg/Kg	☼	07/20/23 18:51	07/25/23 00:24	1
1,2-Dichloropropane	<0.0016		0.0016	0.00042	mg/Kg	☼	07/20/23 18:51	07/25/23 00:24	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00057	mg/Kg	☼	07/20/23 18:51	07/25/23 00:24	1
Ethylbenzene	<0.0016		0.0016	0.00078	mg/Kg	☼	07/20/23 18:51	07/25/23 00:24	1
2-Hexanone	<0.0041		0.0041	0.0013	mg/Kg	☼	07/20/23 18:51	07/25/23 00:24	1
Methylene Chloride	<0.0041		0.0041	0.0016	mg/Kg	☼	07/20/23 18:51	07/25/23 00:24	1
Methyl Ethyl Ketone	<0.0041		0.0041	0.0018	mg/Kg	☼	07/20/23 18:51	07/25/23 00:24	1
methyl isobutyl ketone	<0.0041		0.0041	0.0012	mg/Kg	☼	07/20/23 18:51	07/25/23 00:24	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00048	mg/Kg	☼	07/20/23 18:51	07/25/23 00:24	1
Styrene	<0.0016		0.0016	0.00049	mg/Kg	☼	07/20/23 18:51	07/25/23 00:24	1
1,1,2,2-Tetrachloroethane	<0.0016	*3	0.0016	0.00052	mg/Kg	☼	07/20/23 18:51	07/25/23 00:24	1
Tetrachloroethene	<0.0016		0.0016	0.00056	mg/Kg	☼	07/20/23 18:51	07/25/23 00:24	1
Toluene	<0.0016		0.0016	0.00041	mg/Kg	☼	07/20/23 18:51	07/25/23 00:24	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00072	mg/Kg	☼	07/20/23 18:51	07/25/23 00:24	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00057	mg/Kg	☼	07/20/23 18:51	07/25/23 00:24	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00055	mg/Kg	☼	07/20/23 18:51	07/25/23 00:24	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00070	mg/Kg	☼	07/20/23 18:51	07/25/23 00:24	1
Trichloroethene	<0.0016		0.0016	0.00055	mg/Kg	☼	07/20/23 18:51	07/25/23 00:24	1
Vinyl chloride	<0.0016		0.0016	0.00072	mg/Kg	☼	07/20/23 18:51	07/25/23 00:24	1
Xylenes, Total	<0.0033		0.0033	0.00052	mg/Kg	☼	07/20/23 18:51	07/25/23 00:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	198	S1+ *3	75 - 131	07/20/23 18:51	07/25/23 00:24	1
Dibromofluoromethane (Surr)	126		75 - 126	07/20/23 18:51	07/25/23 00:24	1
1,2-Dichloroethane-d4 (Surr)	142	S1+	70 - 134	07/20/23 18:51	07/25/23 00:24	1
Toluene-d8 (Surr)	147	S1+	75 - 124	07/20/23 18:51	07/25/23 00:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	☼	07/21/23 07:29	07/24/23 13:35	1
1,2-Dichlorobenzene	<0.19		0.19	0.044	mg/Kg	☼	07/21/23 07:29	07/24/23 13:35	1
1,3-Dichlorobenzene	<0.19		0.19	0.041	mg/Kg	☼	07/21/23 07:29	07/24/23 13:35	1
1,4-Dichlorobenzene	<0.19		0.19	0.047	mg/Kg	☼	07/21/23 07:29	07/24/23 13:35	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	☼	07/21/23 07:29	07/24/23 13:35	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

Client Sample ID: ROW-1(6.5-13)-071923

Lab Sample ID: 500-236922-5

Date Collected: 07/19/23 11:55

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 89.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.084	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
2,4-Dichlorophenol	<0.37		0.37	0.087	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
2,4-Dinitrophenol	<0.74		0.74	0.65	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
2,4-Dinitrotoluene	<0.19		0.19	0.059	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
2,6-Dinitrotoluene	<0.19		0.19	0.072	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
2-Chlorophenol	<0.19		0.19	0.063	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
2-Methylnaphthalene	<0.074		0.074	0.0068	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
2-Methylphenol	<0.19		0.19	0.059	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
2-Nitrophenol	<0.37		0.37	0.087	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
3 & 4 Methylphenol	<0.19		0.19	0.061	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.052	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
3-Nitroaniline	<0.37		0.37	0.11	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
4,6-Dinitro-2-methylphenol	<0.74		0.74	0.30	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
4-Chloroaniline	<0.74		0.74	0.17	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.043	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
4-Nitroaniline	<0.37		0.37	0.15	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
4-Nitrophenol	<0.74		0.74	0.35	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
Acenaphthene	<0.037		0.037	0.0066	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
Acenaphthylene	<0.037		0.037	0.0049	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
Anthracene	<0.037		0.037	0.0062	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
Benzo[a]anthracene	<0.037		0.037	0.0050	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
Benzo[a]pyrene	<0.037		0.037	0.0071	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
Benzo[b]fluoranthene	<0.037		0.037	0.0079	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
Benzo[g,h,i]perylene	<0.037		0.037	0.012	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
Benzo[k]fluoranthene	<0.037		0.037	0.011	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.055	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.067	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
Butyl benzyl phthalate	<0.19		0.19	0.070	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
Carbazole	<0.19		0.19	0.092	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
Chrysene	<0.037		0.037	0.010	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
Dibenz(a,h)anthracene	<0.037		0.037	0.0071	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
Dibenzofuran	<0.19		0.19	0.043	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
Diethyl phthalate	<0.19		0.19	0.062	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
Dimethyl phthalate	<0.19		0.19	0.048	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
Di-n-butyl phthalate	<0.19		0.19	0.056	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
Di-n-octyl phthalate	<0.19		0.19	0.060	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
Fluoranthene	<0.037		0.037	0.0068	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
Fluorene	<0.037		0.037	0.0052	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
Hexachlorobenzene	<0.074		0.074	0.0085	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
Hexachlorobutadiene	<0.19		0.19	0.058	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
Hexachlorocyclopentadiene	<0.74		0.74	0.21	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
Hexachloroethane	<0.19		0.19	0.056	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

Client Sample ID: ROW-1(6.5-13)-071923

Lab Sample ID: 500-236922-5

Date Collected: 07/19/23 11:55

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 89.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.037		0.037	0.0095	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
Isophorone	<0.19		0.19	0.041	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
Naphthalene	<0.037		0.037	0.0057	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
Nitrobenzene	<0.037		0.037	0.0092	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
N-Nitrosodi-n-propylamine	<0.074		0.074	0.045	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
N-Nitrosodiphenylamine	<0.19		0.19	0.043	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
Pentachlorophenol	<0.74		0.74	0.59	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
Phenanthrene	<0.037		0.037	0.0051	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
Phenol	<0.19		0.19	0.082	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1
Pyrene	<0.037		0.037	0.0073	mg/Kg	✳	07/21/23 07:29	07/24/23 13:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	68		31 - 166	07/21/23 07:29	07/24/23 13:35	1
Phenol-d5 (Surr)	72		30 - 153	07/21/23 07:29	07/24/23 13:35	1
Nitrobenzene-d5 (Surr)	61		37 - 147	07/21/23 07:29	07/24/23 13:35	1
2-Fluorobiphenyl (Surr)	68		43 - 145	07/21/23 07:29	07/24/23 13:35	1
2,4,6-Tribromophenol (Surr)	58		31 - 143	07/21/23 07:29	07/24/23 13:35	1
Terphenyl-d14 (Surr)	79		42 - 157	07/21/23 07:29	07/24/23 13:35	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7600		19	7.9	mg/Kg	✳	07/21/23 15:18	07/24/23 23:56	1
Antimony	<1.9		1.9	0.38	mg/Kg	✳	07/21/23 15:18	07/24/23 23:56	1
Arsenic	3.2		0.97	0.33	mg/Kg	✳	07/21/23 15:18	07/24/23 23:56	1
Barium	30		0.97	0.11	mg/Kg	✳	07/21/23 15:18	07/24/23 23:56	1
Beryllium	0.55		0.39	0.091	mg/Kg	✳	07/21/23 15:18	07/24/23 23:56	1
Cadmium	0.096	J B	0.19	0.035	mg/Kg	✳	07/21/23 15:18	07/24/23 23:56	1
Calcium	98000	B	97	16	mg/Kg	✳	07/21/23 15:18	07/25/23 13:43	5
Chromium	15		0.97	0.48	mg/Kg	✳	07/21/23 15:18	07/24/23 23:56	1
Cobalt	6.5		0.49	0.13	mg/Kg	✳	07/21/23 15:18	07/24/23 23:56	1
Copper	13		0.97	0.27	mg/Kg	✳	07/21/23 15:18	07/24/23 23:56	1
Iron	11000		19	10	mg/Kg	✳	07/21/23 15:18	07/24/23 23:56	1
Lead	6.5		0.49	0.22	mg/Kg	✳	07/21/23 15:18	07/24/23 23:56	1
Magnesium	42000	B	9.7	4.8	mg/Kg	✳	07/21/23 15:18	07/24/23 23:56	1
Manganese	230	B	0.97	0.14	mg/Kg	✳	07/21/23 15:18	07/24/23 23:56	1
Nickel	18		0.97	0.28	mg/Kg	✳	07/21/23 15:18	07/24/23 23:56	1
Potassium	2200		49	17	mg/Kg	✳	07/21/23 15:18	07/24/23 23:56	1
Selenium	<0.97		0.97	0.57	mg/Kg	✳	07/21/23 15:18	07/24/23 23:56	1
Silver	<0.49		0.49	0.13	mg/Kg	✳	07/21/23 15:18	07/24/23 23:56	1
Sodium	150		97	14	mg/Kg	✳	07/21/23 15:18	07/24/23 23:56	1
Thallium	<0.97		0.97	0.49	mg/Kg	✳	07/21/23 15:18	07/24/23 23:56	1
Vanadium	15		0.49	0.11	mg/Kg	✳	07/21/23 15:18	07/24/23 23:56	1
Zinc	31		1.9	0.85	mg/Kg	✳	07/21/23 15:18	07/24/23 23:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/24/23 16:07	07/25/23 16:22	1
Barium	0.53		0.50	0.050	mg/L		07/24/23 16:07	07/25/23 16:22	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/24/23 16:07	07/25/23 16:22	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/24/23 16:07	07/25/23 16:22	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

Client Sample ID: ROW-1(6.5-13)-071923

Lab Sample ID: 500-236922-5

Date Collected: 07/19/23 11:55

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 89.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 16:22	1
Cobalt	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 16:22	1
Copper	0.046		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 16:22	1
Iron	0.44		0.40	0.20	mg/L		07/24/23 16:07	07/25/23 16:22	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/24/23 16:07	07/25/23 16:22	1
Manganese	3.2		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 16:22	1
Nickel	0.014	J	0.025	0.010	mg/L		07/24/23 16:07	07/25/23 16:22	1
Selenium	<0.050		0.050	0.020	mg/L		07/24/23 16:07	07/25/23 16:22	1
Silver	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 16:22	1
Zinc	0.027	J	0.50	0.020	mg/L		07/24/23 16:07	07/25/23 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/24/23 16:08	07/26/23 00:07	1
Barium	<0.50		0.50	0.050	mg/L		07/24/23 16:08	07/26/23 00:07	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/24/23 16:08	07/26/23 00:07	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/24/23 16:08	07/26/23 00:07	1
Chromium	<0.025		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:07	1
Cobalt	<0.025		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:07	1
Copper	<0.025		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:07	1
Iron	1.2		0.40	0.20	mg/L		07/24/23 16:08	07/26/23 00:07	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/24/23 16:08	07/26/23 00:07	1
Manganese	0.022	J	0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:07	1
Nickel	<0.025		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:07	1
Selenium	<0.050		0.050	0.020	mg/L		07/24/23 16:08	07/26/23 00:07	1
Silver	<0.025		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:07	1
Zinc	<0.50		0.50	0.020	mg/L		07/24/23 16:08	07/26/23 00:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/25/23 10:20	07/26/23 09:32	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.021		0.017	0.0092	mg/Kg	☆	07/28/23 17:10	07/31/23 11:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.9		0.2	0.2	SU			07/24/23 20:14	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

Client Sample ID: ROW-1(13-20)-071923

Lab Sample ID: 500-236922-6

Date Collected: 07/19/23 12:00

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 85.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0073	mg/Kg	✳	07/20/23 18:51	07/25/23 00:48	1
Benzene	<0.0017		0.0017	0.00043	mg/Kg	✳	07/20/23 18:51	07/25/23 00:48	1
Bromodichloromethane	<0.0017		0.0017	0.00034	mg/Kg	✳	07/20/23 18:51	07/25/23 00:48	1
Bromoform	<0.0017		0.0017	0.00049	mg/Kg	✳	07/20/23 18:51	07/25/23 00:48	1
Bromomethane	<0.0042		0.0042	0.0016	mg/Kg	✳	07/20/23 18:51	07/25/23 00:48	1
Carbon disulfide	<0.0042		0.0042	0.00087	mg/Kg	✳	07/20/23 18:51	07/25/23 00:48	1
Carbon tetrachloride	<0.0017		0.0017	0.00049	mg/Kg	✳	07/20/23 18:51	07/25/23 00:48	1
Chlorobenzene	<0.0017		0.0017	0.00062	mg/Kg	✳	07/20/23 18:51	07/25/23 00:48	1
Chloroethane	<0.0042		0.0042	0.0012	mg/Kg	✳	07/20/23 18:51	07/25/23 00:48	1
Chloroform	<0.0017		0.0017	0.00058	mg/Kg	✳	07/20/23 18:51	07/25/23 00:48	1
Chloromethane	<0.0042		0.0042	0.0017	mg/Kg	✳	07/20/23 18:51	07/25/23 00:48	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00047	mg/Kg	✳	07/20/23 18:51	07/25/23 00:48	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00051	mg/Kg	✳	07/20/23 18:51	07/25/23 00:48	1
Dibromochloromethane	<0.0017		0.0017	0.00055	mg/Kg	✳	07/20/23 18:51	07/25/23 00:48	1
1,1-Dichloroethane	<0.0017		0.0017	0.00057	mg/Kg	✳	07/20/23 18:51	07/25/23 00:48	1
1,2-Dichloroethane	<0.0042		0.0042	0.0013	mg/Kg	✳	07/20/23 18:51	07/25/23 00:48	1
1,1-Dichloroethene	<0.0017		0.0017	0.00058	mg/Kg	✳	07/20/23 18:51	07/25/23 00:48	1
1,2-Dichloropropane	<0.0017		0.0017	0.00043	mg/Kg	✳	07/20/23 18:51	07/25/23 00:48	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00059	mg/Kg	✳	07/20/23 18:51	07/25/23 00:48	1
Ethylbenzene	<0.0017		0.0017	0.00080	mg/Kg	✳	07/20/23 18:51	07/25/23 00:48	1
2-Hexanone	<0.0042		0.0042	0.0013	mg/Kg	✳	07/20/23 18:51	07/25/23 00:48	1
Methylene Chloride	<0.0042		0.0042	0.0017	mg/Kg	✳	07/20/23 18:51	07/25/23 00:48	1
Methyl Ethyl Ketone	<0.0042		0.0042	0.0019	mg/Kg	✳	07/20/23 18:51	07/25/23 00:48	1
methyl isobutyl ketone	<0.0042		0.0042	0.0012	mg/Kg	✳	07/20/23 18:51	07/25/23 00:48	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00049	mg/Kg	✳	07/20/23 18:51	07/25/23 00:48	1
Styrene	<0.0017		0.0017	0.00051	mg/Kg	✳	07/20/23 18:51	07/25/23 00:48	1
1,1,1,2-Tetrachloroethane	<0.0017	*3	0.0017	0.00054	mg/Kg	✳	07/20/23 18:51	07/25/23 00:48	1
Tetrachloroethene	<0.0017		0.0017	0.00057	mg/Kg	✳	07/20/23 18:51	07/25/23 00:48	1
Toluene	<0.0017		0.0017	0.00042	mg/Kg	✳	07/20/23 18:51	07/25/23 00:48	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00074	mg/Kg	✳	07/20/23 18:51	07/25/23 00:48	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00059	mg/Kg	✳	07/20/23 18:51	07/25/23 00:48	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00056	mg/Kg	✳	07/20/23 18:51	07/25/23 00:48	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00072	mg/Kg	✳	07/20/23 18:51	07/25/23 00:48	1
Trichloroethene	<0.0017		0.0017	0.00057	mg/Kg	✳	07/20/23 18:51	07/25/23 00:48	1
Vinyl chloride	<0.0017		0.0017	0.00074	mg/Kg	✳	07/20/23 18:51	07/25/23 00:48	1
Xylenes, Total	0.00058	J	0.0034	0.00054	mg/Kg	✳	07/20/23 18:51	07/25/23 00:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	182	S1+ *3	75 - 131	07/20/23 18:51	07/25/23 00:48	1
Dibromofluoromethane (Surr)	124		75 - 126	07/20/23 18:51	07/25/23 00:48	1
1,2-Dichloroethane-d4 (Surr)	143	S1+	70 - 134	07/20/23 18:51	07/25/23 00:48	1
Toluene-d8 (Surr)	136	S1+	75 - 124	07/20/23 18:51	07/25/23 00:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	✳	07/21/23 07:29	07/24/23 18:02	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	✳	07/21/23 07:29	07/24/23 18:02	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	✳	07/21/23 07:29	07/24/23 18:02	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	✳	07/21/23 07:29	07/24/23 18:02	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	✳	07/21/23 07:29	07/24/23 18:02	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

Client Sample ID: ROW-1(13-20)-071923

Lab Sample ID: 500-236922-6

Date Collected: 07/19/23 12:00

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 85.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.086	mg/Kg	☼	07/21/23 07:29	07/24/23 18:02	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	☼	07/21/23 07:29	07/24/23 18:02	1
2,4-Dichlorophenol	<0.37		0.37	0.089	mg/Kg	☼	07/21/23 07:29	07/24/23 18:02	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	☼	07/21/23 07:29	07/24/23 18:02	1
2,4-Dinitrophenol	<0.76		0.76	0.66	mg/Kg	☼	07/21/23 07:29	07/24/23 18:02	1
2,4-Dinitrotoluene	<0.19		0.19	0.060	mg/Kg	☼	07/21/23 07:29	07/24/23 18:02	1
2,6-Dinitrotoluene	<0.19		0.19	0.074	mg/Kg	☼	07/21/23 07:29	07/24/23 18:02	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	☼	07/21/23 07:29	07/24/23 18:02	1
2-Chlorophenol	<0.19		0.19	0.064	mg/Kg	☼	07/21/23 07:29	07/24/23 18:02	1
2-Methylnaphthalene	0.13		0.076	0.0069	mg/Kg	☼	07/21/23 07:29	07/24/23 18:02	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	☼	07/21/23 07:29	07/24/23 18:02	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	☼	07/21/23 07:29	07/24/23 18:02	1
2-Nitrophenol	<0.37		0.37	0.089	mg/Kg	☼	07/21/23 07:29	07/24/23 18:02	1
3 & 4 Methylphenol	<0.19		0.19	0.063	mg/Kg	☼	07/21/23 07:29	07/24/23 18:02	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.053	mg/Kg	☼	07/21/23 07:29	07/24/23 18:02	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	☼	07/21/23 07:29	07/24/23 18:02	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.30	mg/Kg	☼	07/21/23 07:29	07/24/23 18:02	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	☼	07/21/23 07:29	07/24/23 18:02	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	☼	07/21/23 07:29	07/24/23 18:02	1
4-Chloroaniline	<0.76		0.76	0.18	mg/Kg	☼	07/21/23 07:29	07/24/23 18:02	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	☼	07/21/23 07:29	07/24/23 18:02	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	☼	07/21/23 07:29	07/24/23 18:02	1
4-Nitrophenol	<0.76		0.76	0.36	mg/Kg	☼	07/21/23 07:29	07/24/23 18:02	1
Acenaphthene	<0.037		0.037	0.0068	mg/Kg	☼	07/21/23 07:29	07/24/23 18:02	1
Acenaphthylene	<0.037		0.037	0.0050	mg/Kg	☼	07/21/23 07:29	07/24/23 18:02	1
Anthracene	<0.037		0.037	0.0063	mg/Kg	☼	07/21/23 07:29	07/24/23 18:02	1
Benzo[a]anthracene	<0.037		0.037	0.0051	mg/Kg	☼	07/21/23 07:29	07/24/23 18:02	1
Benzo[a]pyrene	<0.037		0.037	0.0073	mg/Kg	☼	07/21/23 07:29	07/24/23 18:02	1
Benzo[b]fluoranthene	<0.037		0.037	0.0081	mg/Kg	☼	07/21/23 07:29	07/24/23 18:02	1
Benzo[g,h,i]perylene	<0.037		0.037	0.012	mg/Kg	☼	07/21/23 07:29	07/24/23 18:02	1
Benzo[k]fluoranthene	<0.037		0.037	0.011	mg/Kg	☼	07/21/23 07:29	07/24/23 18:02	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	☼	07/21/23 07:29	07/24/23 18:02	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	☼	07/21/23 07:29	07/24/23 18:02	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.069	mg/Kg	☼	07/21/23 07:29	07/24/23 18:02	1
Butyl benzyl phthalate	<0.19		0.19	0.072	mg/Kg	☼	07/21/23 07:29	07/24/23 18:02	1
Carbazole	<0.19		0.19	0.094	mg/Kg	☼	07/21/23 07:29	07/24/23 18:02	1
Chrysene	0.013 J		0.037	0.010	mg/Kg	☼	07/21/23 07:29	07/24/23 18:02	1
Dibenz(a,h)anthracene	<0.037		0.037	0.0073	mg/Kg	☼	07/21/23 07:29	07/24/23 18:02	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	☼	07/21/23 07:29	07/24/23 18:02	1
Diethyl phthalate	<0.19		0.19	0.064	mg/Kg	☼	07/21/23 07:29	07/24/23 18:02	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	☼	07/21/23 07:29	07/24/23 18:02	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	☼	07/21/23 07:29	07/24/23 18:02	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	☼	07/21/23 07:29	07/24/23 18:02	1
Fluoranthene	<0.037		0.037	0.0070	mg/Kg	☼	07/21/23 07:29	07/24/23 18:02	1
Fluorene	<0.037		0.037	0.0053	mg/Kg	☼	07/21/23 07:29	07/24/23 18:02	1
Hexachlorobenzene	<0.076		0.076	0.0087	mg/Kg	☼	07/21/23 07:29	07/24/23 18:02	1
Hexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	☼	07/21/23 07:29	07/24/23 18:02	1
Hexachlorocyclopentadiene	<0.76		0.76	0.22	mg/Kg	☼	07/21/23 07:29	07/24/23 18:02	1
Hexachloroethane	<0.19		0.19	0.057	mg/Kg	☼	07/21/23 07:29	07/24/23 18:02	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

Client Sample ID: ROW-1(13-20)-071923

Lab Sample ID: 500-236922-6

Date Collected: 07/19/23 12:00

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 85.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.037		0.037	0.0098	mg/Kg	✳	07/21/23 07:29	07/24/23 18:02	1
Isophorone	<0.19		0.19	0.042	mg/Kg	✳	07/21/23 07:29	07/24/23 18:02	1
Naphthalene	0.038		0.037	0.0058	mg/Kg	✳	07/21/23 07:29	07/24/23 18:02	1
Nitrobenzene	<0.037		0.037	0.0094	mg/Kg	✳	07/21/23 07:29	07/24/23 18:02	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.046	mg/Kg	✳	07/21/23 07:29	07/24/23 18:02	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	✳	07/21/23 07:29	07/24/23 18:02	1
Pentachlorophenol	<0.76		0.76	0.60	mg/Kg	✳	07/21/23 07:29	07/24/23 18:02	1
Phenanthrene	0.053		0.037	0.0052	mg/Kg	✳	07/21/23 07:29	07/24/23 18:02	1
Phenol	<0.19		0.19	0.084	mg/Kg	✳	07/21/23 07:29	07/24/23 18:02	1
Pyrene	<0.037		0.037	0.0075	mg/Kg	✳	07/21/23 07:29	07/24/23 18:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	64		31 - 166	07/21/23 07:29	07/24/23 18:02	1
Phenol-d5 (Surr)	68		30 - 153	07/21/23 07:29	07/24/23 18:02	1
Nitrobenzene-d5 (Surr)	61		37 - 147	07/21/23 07:29	07/24/23 18:02	1
2-Fluorobiphenyl (Surr)	64		43 - 145	07/21/23 07:29	07/24/23 18:02	1
2,4,6-Tribromophenol (Surr)	32		31 - 143	07/21/23 07:29	07/24/23 18:02	1
Terphenyl-d14 (Surr)	65		42 - 157	07/21/23 07:29	07/24/23 18:02	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8300		21	8.6	mg/Kg	✳	07/21/23 15:18	07/24/23 23:59	1
Antimony	<2.1		2.1	0.41	mg/Kg	✳	07/21/23 15:18	07/24/23 23:59	1
Arsenic	7.4		1.0	0.36	mg/Kg	✳	07/21/23 15:18	07/24/23 23:59	1
Barium	31		1.0	0.12	mg/Kg	✳	07/21/23 15:18	07/24/23 23:59	1
Beryllium	0.68		0.42	0.098	mg/Kg	✳	07/21/23 15:18	07/24/23 23:59	1
Cadmium	0.17	J B	0.21	0.038	mg/Kg	✳	07/21/23 15:18	07/24/23 23:59	1
Calcium	54000	B	21	3.5	mg/Kg	✳	07/21/23 15:18	07/24/23 23:59	1
Chromium	14		1.0	0.52	mg/Kg	✳	07/21/23 15:18	07/24/23 23:59	1
Cobalt	12		0.52	0.14	mg/Kg	✳	07/21/23 15:18	07/24/23 23:59	1
Copper	23		1.0	0.29	mg/Kg	✳	07/21/23 15:18	07/24/23 23:59	1
Iron	18000		21	11	mg/Kg	✳	07/21/23 15:18	07/24/23 23:59	1
Lead	12		0.52	0.24	mg/Kg	✳	07/21/23 15:18	07/24/23 23:59	1
Magnesium	32000	B	10	5.2	mg/Kg	✳	07/21/23 15:18	07/24/23 23:59	1
Manganese	450	B	1.0	0.15	mg/Kg	✳	07/21/23 15:18	07/24/23 23:59	1
Nickel	28		1.0	0.30	mg/Kg	✳	07/21/23 15:18	07/24/23 23:59	1
Potassium	2400		52	19	mg/Kg	✳	07/21/23 15:18	07/24/23 23:59	1
Selenium	<1.0		1.0	0.62	mg/Kg	✳	07/21/23 15:18	07/24/23 23:59	1
Silver	<0.52		0.52	0.14	mg/Kg	✳	07/21/23 15:18	07/24/23 23:59	1
Sodium	170		100	15	mg/Kg	✳	07/21/23 15:18	07/24/23 23:59	1
Thallium	<1.0		1.0	0.52	mg/Kg	✳	07/21/23 15:18	07/24/23 23:59	1
Vanadium	16		0.52	0.12	mg/Kg	✳	07/21/23 15:18	07/24/23 23:59	1
Zinc	51		2.1	0.92	mg/Kg	✳	07/21/23 15:18	07/24/23 23:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/24/23 16:07	07/25/23 14:59	1
Barium	0.65		0.50	0.050	mg/L		07/24/23 16:07	07/25/23 14:59	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/24/23 16:07	07/25/23 14:59	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/24/23 16:07	07/25/23 14:59	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

Client Sample ID: ROW-1(13-20)-071923

Lab Sample ID: 500-236922-6

Date Collected: 07/19/23 12:00

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 85.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 14:59	1
Cobalt	0.018	J	0.025	0.010	mg/L		07/24/23 16:07	07/25/23 14:59	1
Copper	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 14:59	1
Iron	<0.40		0.40	0.20	mg/L		07/24/23 16:07	07/25/23 14:59	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/24/23 16:07	07/25/23 14:59	1
Manganese	2.2		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 14:59	1
Nickel	0.047		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 14:59	1
Selenium	<0.050		0.050	0.020	mg/L		07/24/23 16:07	07/25/23 14:59	1
Silver	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 14:59	1
Zinc	<0.50		0.50	0.020	mg/L		07/24/23 16:07	07/25/23 14:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/24/23 16:08	07/26/23 00:11	1
Barium	0.074	J	0.50	0.050	mg/L		07/24/23 16:08	07/26/23 00:11	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/24/23 16:08	07/26/23 00:11	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/24/23 16:08	07/26/23 00:11	1
Chromium	0.017	J	0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:11	1
Cobalt	<0.025		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:11	1
Copper	<0.025		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:11	1
Iron	9.6		0.40	0.20	mg/L		07/24/23 16:08	07/26/23 00:11	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/24/23 16:08	07/26/23 00:11	1
Manganese	0.10		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:11	1
Nickel	0.014	J	0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:11	1
Selenium	<0.050		0.050	0.020	mg/L		07/24/23 16:08	07/26/23 00:11	1
Silver	<0.025		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:11	1
Zinc	0.035	J	0.50	0.020	mg/L		07/24/23 16:08	07/26/23 00:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/25/23 10:20	07/26/23 08:45	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.022		0.018	0.0096	mg/Kg	☆	07/28/23 17:10	07/31/23 11:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.8		0.2	0.2	SU			07/24/23 20:19	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

Client Sample ID: ROW-2(0-6.5)-071923

Lab Sample ID: 500-236922-7

Date Collected: 07/19/23 12:20

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 85.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018		0.018	0.0077	mg/Kg	☼	07/20/23 18:51	07/25/23 01:13	1
Benzene	<0.0018		0.0018	0.00045	mg/Kg	☼	07/20/23 18:51	07/25/23 01:13	1
Bromodichloromethane	<0.0018		0.0018	0.00036	mg/Kg	☼	07/20/23 18:51	07/25/23 01:13	1
Bromoform	<0.0018		0.0018	0.00052	mg/Kg	☼	07/20/23 18:51	07/25/23 01:13	1
Bromomethane	<0.0044		0.0044	0.0017	mg/Kg	☼	07/20/23 18:51	07/25/23 01:13	1
Carbon disulfide	<0.0044		0.0044	0.00092	mg/Kg	☼	07/20/23 18:51	07/25/23 01:13	1
Carbon tetrachloride	<0.0018		0.0018	0.00051	mg/Kg	☼	07/20/23 18:51	07/25/23 01:13	1
Chlorobenzene	<0.0018		0.0018	0.00065	mg/Kg	☼	07/20/23 18:51	07/25/23 01:13	1
Chloroethane	<0.0044		0.0044	0.0013	mg/Kg	☼	07/20/23 18:51	07/25/23 01:13	1
Chloroform	<0.0018		0.0018	0.00061	mg/Kg	☼	07/20/23 18:51	07/25/23 01:13	1
Chloromethane	<0.0044		0.0044	0.0018	mg/Kg	☼	07/20/23 18:51	07/25/23 01:13	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00049	mg/Kg	☼	07/20/23 18:51	07/25/23 01:13	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00053	mg/Kg	☼	07/20/23 18:51	07/25/23 01:13	1
Dibromochloromethane	<0.0018		0.0018	0.00058	mg/Kg	☼	07/20/23 18:51	07/25/23 01:13	1
1,1-Dichloroethane	<0.0018		0.0018	0.00061	mg/Kg	☼	07/20/23 18:51	07/25/23 01:13	1
1,2-Dichloroethane	<0.0044		0.0044	0.0014	mg/Kg	☼	07/20/23 18:51	07/25/23 01:13	1
1,1-Dichloroethene	<0.0018		0.0018	0.00061	mg/Kg	☼	07/20/23 18:51	07/25/23 01:13	1
1,2-Dichloropropane	<0.0018		0.0018	0.00046	mg/Kg	☼	07/20/23 18:51	07/25/23 01:13	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00062	mg/Kg	☼	07/20/23 18:51	07/25/23 01:13	1
Ethylbenzene	<0.0018		0.0018	0.00085	mg/Kg	☼	07/20/23 18:51	07/25/23 01:13	1
2-Hexanone	<0.0044		0.0044	0.0014	mg/Kg	☼	07/20/23 18:51	07/25/23 01:13	1
Methylene Chloride	<0.0044		0.0044	0.0017	mg/Kg	☼	07/20/23 18:51	07/25/23 01:13	1
Methyl Ethyl Ketone	<0.0044		0.0044	0.0020	mg/Kg	☼	07/20/23 18:51	07/25/23 01:13	1
methyl isobutyl ketone	<0.0044		0.0044	0.0013	mg/Kg	☼	07/20/23 18:51	07/25/23 01:13	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00052	mg/Kg	☼	07/20/23 18:51	07/25/23 01:13	1
Styrene	<0.0018		0.0018	0.00053	mg/Kg	☼	07/20/23 18:51	07/25/23 01:13	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00057	mg/Kg	☼	07/20/23 18:51	07/25/23 01:13	1
Tetrachloroethene	<0.0018		0.0018	0.00060	mg/Kg	☼	07/20/23 18:51	07/25/23 01:13	1
Toluene	<0.0018		0.0018	0.00045	mg/Kg	☼	07/20/23 18:51	07/25/23 01:13	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00078	mg/Kg	☼	07/20/23 18:51	07/25/23 01:13	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00062	mg/Kg	☼	07/20/23 18:51	07/25/23 01:13	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00059	mg/Kg	☼	07/20/23 18:51	07/25/23 01:13	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00076	mg/Kg	☼	07/20/23 18:51	07/25/23 01:13	1
Trichloroethene	<0.0018		0.0018	0.00060	mg/Kg	☼	07/20/23 18:51	07/25/23 01:13	1
Vinyl chloride	<0.0018		0.0018	0.00078	mg/Kg	☼	07/20/23 18:51	07/25/23 01:13	1
Xylenes, Total	<0.0035		0.0035	0.00057	mg/Kg	☼	07/20/23 18:51	07/25/23 01:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	136	S1+	75 - 131	07/20/23 18:51	07/25/23 01:13	1
Dibromofluoromethane (Surr)	116		75 - 126	07/20/23 18:51	07/25/23 01:13	1
1,2-Dichloroethane-d4 (Surr)	138	S1+	70 - 134	07/20/23 18:51	07/25/23 01:13	1
Toluene-d8 (Surr)	116		75 - 124	07/20/23 18:51	07/25/23 01:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.040	mg/Kg	☼	07/21/23 07:29	07/24/23 16:26	1
1,2-Dichlorobenzene	<0.18		0.18	0.044	mg/Kg	☼	07/21/23 07:29	07/24/23 16:26	1
1,3-Dichlorobenzene	<0.18		0.18	0.041	mg/Kg	☼	07/21/23 07:29	07/24/23 16:26	1
1,4-Dichlorobenzene	<0.18		0.18	0.047	mg/Kg	☼	07/21/23 07:29	07/24/23 16:26	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.043	mg/Kg	☼	07/21/23 07:29	07/24/23 16:26	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

Client Sample ID: ROW-2(0-6.5)-071923

Lab Sample ID: 500-236922-7

Date Collected: 07/19/23 12:20

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 85.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.36		0.36	0.084	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
2,4,6-Trichlorophenol	<0.36		0.36	0.13	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
2,4-Dichlorophenol	<0.36		0.36	0.087	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
2,4-Dimethylphenol	<0.36		0.36	0.14	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
2,4-Dinitrophenol	<0.74		0.74	0.65	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
2,4-Dinitrotoluene	<0.18		0.18	0.058	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
2,6-Dinitrotoluene	<0.18		0.18	0.072	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
2-Chloronaphthalene	<0.18		0.18	0.041	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
2-Chlorophenol	<0.18		0.18	0.063	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
2-Methylnaphthalene	<0.074		0.074	0.0067	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
2-Methylphenol	<0.18		0.18	0.059	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
2-Nitroaniline	<0.18		0.18	0.049	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
2-Nitrophenol	<0.36		0.36	0.087	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
3 & 4 Methylphenol	<0.18		0.18	0.061	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.051	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
3-Nitroaniline	<0.36		0.36	0.11	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
4,6-Dinitro-2-methylphenol	<0.74		0.74	0.29	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.048	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
4-Chloro-3-methylphenol	<0.36		0.36	0.12	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
4-Chloroaniline	<0.74		0.74	0.17	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.043	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
4-Nitroaniline	<0.36		0.36	0.15	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
4-Nitrophenol	<0.74		0.74	0.35	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
Acenaphthene	<0.036		0.036	0.0066	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
Acenaphthylene	<0.036		0.036	0.0048	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
Anthracene	<0.036		0.036	0.0061	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
Benzo[a]anthracene	0.022 J		0.036	0.0049	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
Benzo[a]pyrene	0.026 J		0.036	0.0071	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
Benzo[b]fluoranthene	0.035 J		0.036	0.0079	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
Benzo[g,h,i]perylene	0.032 J		0.036	0.012	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
Benzo[k]fluoranthene	0.012 J		0.036	0.011	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.037	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.055	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.067	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
Butyl benzyl phthalate	<0.18		0.18	0.070	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
Carbazole	<0.18		0.18	0.092	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
Chrysene	0.027 J		0.036	0.010	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
Dibenz(a,h)anthracene	<0.036		0.036	0.0071	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
Dibenzofuran	<0.18		0.18	0.043	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
Diethyl phthalate	<0.18		0.18	0.062	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
Dimethyl phthalate	<0.18		0.18	0.048	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
Di-n-butyl phthalate	<0.18		0.18	0.056	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
Di-n-octyl phthalate	<0.18		0.18	0.060	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
Fluoranthene	0.035 J		0.036	0.0068	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
Fluorene	<0.036		0.036	0.0052	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
Hexachlorobenzene	<0.074		0.074	0.0085	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
Hexachlorobutadiene	<0.18		0.18	0.058	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
Hexachlorocyclopentadiene	<0.74		0.74	0.21	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
Hexachloroethane	<0.18		0.18	0.056	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

Client Sample ID: ROW-2(0-6.5)-071923

Lab Sample ID: 500-236922-7

Date Collected: 07/19/23 12:20

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 85.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.025	J	0.036	0.0095	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
Isophorone	<0.18		0.18	0.041	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
Naphthalene	<0.036		0.036	0.0056	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
Nitrobenzene	<0.036		0.036	0.0092	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
N-Nitrosodi-n-propylamine	<0.074		0.074	0.045	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
N-Nitrosodiphenylamine	<0.18		0.18	0.043	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
Pentachlorophenol	<0.74		0.74	0.59	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
Phenanthrene	0.0086	J	0.036	0.0051	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
Phenol	<0.18		0.18	0.081	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
Pyrene	0.033	J	0.036	0.0073	mg/Kg	✳	07/21/23 07:29	07/24/23 16:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	67		31 - 166				07/21/23 07:29	07/24/23 16:26	1
Phenol-d5 (Surr)	73		30 - 153				07/21/23 07:29	07/24/23 16:26	1
Nitrobenzene-d5 (Surr)	65		37 - 147				07/21/23 07:29	07/24/23 16:26	1
2-Fluorobiphenyl (Surr)	70		43 - 145				07/21/23 07:29	07/24/23 16:26	1
2,4,6-Tribromophenol (Surr)	65		31 - 143				07/21/23 07:29	07/24/23 16:26	1
Terphenyl-d14 (Surr)	90		42 - 157				07/21/23 07:29	07/24/23 16:26	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	10000		23	9.3	mg/Kg	✳	07/21/23 15:18	07/25/23 00:03	1
Antimony	<2.3		2.3	0.44	mg/Kg	✳	07/21/23 15:18	07/25/23 00:03	1
Arsenic	7.6		1.1	0.39	mg/Kg	✳	07/21/23 15:18	07/25/23 00:03	1
Barium	37		1.1	0.13	mg/Kg	✳	07/21/23 15:18	07/25/23 00:03	1
Beryllium	0.81		0.45	0.11	mg/Kg	✳	07/21/23 15:18	07/25/23 00:03	1
Cadmium	0.20	J B	0.23	0.041	mg/Kg	✳	07/21/23 15:18	07/25/23 00:03	1
Calcium	51000	B	23	3.8	mg/Kg	✳	07/21/23 15:18	07/25/23 00:03	1
Chromium	17		1.1	0.56	mg/Kg	✳	07/21/23 15:18	07/25/23 00:03	1
Cobalt	10		0.57	0.15	mg/Kg	✳	07/21/23 15:18	07/25/23 00:03	1
Copper	24		1.1	0.32	mg/Kg	✳	07/21/23 15:18	07/25/23 00:03	1
Iron	19000		23	12	mg/Kg	✳	07/21/23 15:18	07/25/23 00:03	1
Lead	12		0.57	0.26	mg/Kg	✳	07/21/23 15:18	07/25/23 00:03	1
Magnesium	31000	B	11	5.6	mg/Kg	✳	07/21/23 15:18	07/25/23 00:03	1
Manganese	400	B	1.1	0.16	mg/Kg	✳	07/21/23 15:18	07/25/23 00:03	1
Nickel	30		1.1	0.33	mg/Kg	✳	07/21/23 15:18	07/25/23 00:03	1
Potassium	2400		57	20	mg/Kg	✳	07/21/23 15:18	07/25/23 00:03	1
Selenium	<1.1		1.1	0.67	mg/Kg	✳	07/21/23 15:18	07/25/23 00:03	1
Silver	<0.57		0.57	0.15	mg/Kg	✳	07/21/23 15:18	07/25/23 00:03	1
Sodium	1200		110	17	mg/Kg	✳	07/21/23 15:18	07/25/23 00:03	1
Thallium	<1.1		1.1	0.57	mg/Kg	✳	07/21/23 15:18	07/25/23 00:03	1
Vanadium	18		0.57	0.13	mg/Kg	✳	07/21/23 15:18	07/25/23 00:03	1
Zinc	61		2.3	1.0	mg/Kg	✳	07/21/23 15:18	07/25/23 00:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/24/23 16:07	07/25/23 15:02	1
Barium	0.30	J	0.50	0.050	mg/L		07/24/23 16:07	07/25/23 15:02	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/24/23 16:07	07/25/23 15:02	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/24/23 16:07	07/25/23 15:02	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

Client Sample ID: ROW-2(0-6.5)-071923

Lab Sample ID: 500-236922-7

Date Collected: 07/19/23 12:20

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 85.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 15:02	1
Cobalt	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 15:02	1
Copper	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 15:02	1
Iron	0.27	J	0.40	0.20	mg/L		07/24/23 16:07	07/25/23 15:02	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/24/23 16:07	07/25/23 15:02	1
Manganese	0.80		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 15:02	1
Nickel	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 15:02	1
Selenium	<0.050		0.050	0.020	mg/L		07/24/23 16:07	07/25/23 15:02	1
Silver	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 15:02	1
Zinc	<0.50		0.50	0.020	mg/L		07/24/23 16:07	07/25/23 15:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.068		0.050	0.010	mg/L		07/24/23 16:08	07/26/23 00:14	1
Barium	0.36	J	0.50	0.050	mg/L		07/24/23 16:08	07/26/23 00:14	1
Beryllium	0.0072		0.0040	0.0040	mg/L		07/24/23 16:08	07/26/23 00:14	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/24/23 16:08	07/26/23 00:14	1
Chromium	0.14		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:14	1
Cobalt	0.041		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:14	1
Copper	0.17		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:14	1
Iron	140		0.40	0.20	mg/L		07/24/23 16:08	07/26/23 00:14	1
Lead	0.063		0.0075	0.0075	mg/L		07/24/23 16:08	07/26/23 00:14	1
Manganese	0.54		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:14	1
Nickel	0.17		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:14	1
Selenium	<0.050		0.050	0.020	mg/L		07/24/23 16:08	07/26/23 00:14	1
Silver	<0.025		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:14	1
Zinc	0.37	J	0.50	0.020	mg/L		07/24/23 16:08	07/26/23 00:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/25/23 10:20	07/26/23 08:47	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.025		0.018	0.0095	mg/Kg	☆	07/28/23 17:10	07/31/23 12:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.7		0.2	0.2	SU			07/24/23 20:21	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

Client Sample ID: ROW-2(6.5-13)-071923

Lab Sample ID: 500-236922-8

Date Collected: 07/19/23 12:25

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 87.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.020		0.020	0.0085	mg/Kg	☼	07/20/23 18:51	07/25/23 01:37	1
Benzene	<0.0020		0.0020	0.00050	mg/Kg	☼	07/20/23 18:51	07/25/23 01:37	1
Bromodichloromethane	<0.0020		0.0020	0.00040	mg/Kg	☼	07/20/23 18:51	07/25/23 01:37	1
Bromoform	<0.0020		0.0020	0.00057	mg/Kg	☼	07/20/23 18:51	07/25/23 01:37	1
Bromomethane	<0.0049		0.0049	0.0018	mg/Kg	☼	07/20/23 18:51	07/25/23 01:37	1
Carbon disulfide	<0.0049		0.0049	0.0010	mg/Kg	☼	07/20/23 18:51	07/25/23 01:37	1
Carbon tetrachloride	<0.0020		0.0020	0.00057	mg/Kg	☼	07/20/23 18:51	07/25/23 01:37	1
Chlorobenzene	<0.0020		0.0020	0.00072	mg/Kg	☼	07/20/23 18:51	07/25/23 01:37	1
Chloroethane	<0.0049		0.0049	0.0014	mg/Kg	☼	07/20/23 18:51	07/25/23 01:37	1
Chloroform	<0.0020		0.0020	0.00068	mg/Kg	☼	07/20/23 18:51	07/25/23 01:37	1
Chloromethane	<0.0049		0.0049	0.0020	mg/Kg	☼	07/20/23 18:51	07/25/23 01:37	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00055	mg/Kg	☼	07/20/23 18:51	07/25/23 01:37	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00059	mg/Kg	☼	07/20/23 18:51	07/25/23 01:37	1
Dibromochloromethane	<0.0020		0.0020	0.00064	mg/Kg	☼	07/20/23 18:51	07/25/23 01:37	1
1,1-Dichloroethane	<0.0020		0.0020	0.00067	mg/Kg	☼	07/20/23 18:51	07/25/23 01:37	1
1,2-Dichloroethane	<0.0049		0.0049	0.0015	mg/Kg	☼	07/20/23 18:51	07/25/23 01:37	1
1,1-Dichloroethene	<0.0020		0.0020	0.00067	mg/Kg	☼	07/20/23 18:51	07/25/23 01:37	1
1,2-Dichloropropane	<0.0020		0.0020	0.00050	mg/Kg	☼	07/20/23 18:51	07/25/23 01:37	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00069	mg/Kg	☼	07/20/23 18:51	07/25/23 01:37	1
Ethylbenzene	<0.0020		0.0020	0.00093	mg/Kg	☼	07/20/23 18:51	07/25/23 01:37	1
2-Hexanone	<0.0049		0.0049	0.0015	mg/Kg	☼	07/20/23 18:51	07/25/23 01:37	1
Methylene Chloride	<0.0049		0.0049	0.0019	mg/Kg	☼	07/20/23 18:51	07/25/23 01:37	1
Methyl Ethyl Ketone	<0.0049		0.0049	0.0022	mg/Kg	☼	07/20/23 18:51	07/25/23 01:37	1
methyl isobutyl ketone	<0.0049		0.0049	0.0014	mg/Kg	☼	07/20/23 18:51	07/25/23 01:37	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00057	mg/Kg	☼	07/20/23 18:51	07/25/23 01:37	1
Styrene	<0.0020		0.0020	0.00059	mg/Kg	☼	07/20/23 18:51	07/25/23 01:37	1
1,1,2,2-Tetrachloroethane	<0.0020	*3	0.0020	0.00062	mg/Kg	☼	07/20/23 18:51	07/25/23 01:37	1
Tetrachloroethene	<0.0020		0.0020	0.00067	mg/Kg	☼	07/20/23 18:51	07/25/23 01:37	1
Toluene	<0.0020		0.0020	0.00049	mg/Kg	☼	07/20/23 18:51	07/25/23 01:37	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00087	mg/Kg	☼	07/20/23 18:51	07/25/23 01:37	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00069	mg/Kg	☼	07/20/23 18:51	07/25/23 01:37	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00066	mg/Kg	☼	07/20/23 18:51	07/25/23 01:37	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00084	mg/Kg	☼	07/20/23 18:51	07/25/23 01:37	1
Trichloroethene	<0.0020		0.0020	0.00066	mg/Kg	☼	07/20/23 18:51	07/25/23 01:37	1
Vinyl chloride	<0.0020		0.0020	0.00086	mg/Kg	☼	07/20/23 18:51	07/25/23 01:37	1
Xylenes, Total	<0.0039		0.0039	0.00063	mg/Kg	☼	07/20/23 18:51	07/25/23 01:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	167	S1+ *3	75 - 131	07/20/23 18:51	07/25/23 01:37	1
Dibromofluoromethane (Surr)	118		75 - 126	07/20/23 18:51	07/25/23 01:37	1
1,2-Dichloroethane-d4 (Surr)	139	S1+	70 - 134	07/20/23 18:51	07/25/23 01:37	1
Toluene-d8 (Surr)	127	S1+	75 - 124	07/20/23 18:51	07/25/23 01:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	☼	07/21/23 07:29	07/24/23 18:51	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	☼	07/21/23 07:29	07/24/23 18:51	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	☼	07/21/23 07:29	07/24/23 18:51	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	☼	07/21/23 07:29	07/24/23 18:51	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	☼	07/21/23 07:29	07/24/23 18:51	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

Client Sample ID: ROW-2(6.5-13)-071923

Lab Sample ID: 500-236922-8

Date Collected: 07/19/23 12:25

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 87.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.086	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
2,4-Dichlorophenol	<0.38		0.38	0.090	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
2,4-Dimethylphenol	<0.38		0.38	0.14	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
2,4-Dinitrophenol	<0.76		0.76	0.67	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
2,4-Dinitrotoluene	<0.19		0.19	0.060	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
2,6-Dinitrotoluene	<0.19		0.19	0.074	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
2-Chlorophenol	<0.19		0.19	0.065	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
2-Methylnaphthalene	0.10		0.076	0.0070	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
2-Methylphenol	<0.19		0.19	0.061	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
2-Nitrophenol	<0.38		0.38	0.089	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
3 & 4 Methylphenol	<0.19		0.19	0.063	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.053	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.30	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
4-Chloroaniline	<0.76		0.76	0.18	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
4-Nitrophenol	<0.76		0.76	0.36	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
Acenaphthene	<0.038		0.038	0.0068	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
Acenaphthylene	<0.038		0.038	0.0050	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
Anthracene	<0.038		0.038	0.0063	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
Benzo[a]anthracene	<0.038		0.038	0.0051	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
Benzo[a]pyrene	<0.038		0.038	0.0073	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
Benzo[b]fluoranthene	<0.038		0.038	0.0082	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
Benzo[g,h,i]perylene	<0.038		0.038	0.012	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
Benzo[k]fluoranthene	<0.038		0.038	0.011	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.057	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.069	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
Butyl benzyl phthalate	<0.19		0.19	0.072	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
Carbazole	<0.19		0.19	0.095	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
Chrysene	<0.038		0.038	0.010	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
Dibenz(a,h)anthracene	<0.038		0.038	0.0073	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
Diethyl phthalate	<0.19		0.19	0.064	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
Di-n-butyl phthalate	<0.19		0.19	0.058	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
Di-n-octyl phthalate	<0.19		0.19	0.062	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
Fluoranthene	<0.038		0.038	0.0070	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
Fluorene	<0.038		0.038	0.0053	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
Hexachlorobenzene	<0.076		0.076	0.0088	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
Hexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
Hexachlorocyclopentadiene	<0.76		0.76	0.22	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
Hexachloroethane	<0.19		0.19	0.058	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

Client Sample ID: ROW-2(6.5-13)-071923

Lab Sample ID: 500-236922-8

Date Collected: 07/19/23 12:25

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 87.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.038		0.038	0.0098	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
Isophorone	<0.19		0.19	0.043	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
Naphthalene	0.031	J	0.038	0.0058	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
Nitrobenzene	<0.038		0.038	0.0094	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.046	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
Pentachlorophenol	<0.76		0.76	0.61	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
Phenanthrene	0.065		0.038	0.0053	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
Phenol	<0.19		0.19	0.084	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1
Pyrene	0.0094	J	0.038	0.0075	mg/Kg	✳	07/21/23 07:29	07/24/23 18:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	70		31 - 166	07/21/23 07:29	07/24/23 18:51	1
Phenol-d5 (Surr)	73		30 - 153	07/21/23 07:29	07/24/23 18:51	1
Nitrobenzene-d5 (Surr)	68		37 - 147	07/21/23 07:29	07/24/23 18:51	1
2-Fluorobiphenyl (Surr)	75		43 - 145	07/21/23 07:29	07/24/23 18:51	1
2,4,6-Tribromophenol (Surr)	56		31 - 143	07/21/23 07:29	07/24/23 18:51	1
Terphenyl-d14 (Surr)	90		42 - 157	07/21/23 07:29	07/24/23 18:51	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8800		21	8.4	mg/Kg	✳	07/21/23 15:18	07/25/23 00:07	1
Antimony	0.61	J	2.1	0.40	mg/Kg	✳	07/21/23 15:18	07/25/23 00:07	1
Arsenic	8.1		1.0	0.35	mg/Kg	✳	07/21/23 15:18	07/25/23 00:07	1
Barium	35		1.0	0.12	mg/Kg	✳	07/21/23 15:18	07/25/23 00:07	1
Beryllium	0.74		0.41	0.096	mg/Kg	✳	07/21/23 15:18	07/25/23 00:07	1
Cadmium	0.17	J B	0.21	0.037	mg/Kg	✳	07/21/23 15:18	07/25/23 00:07	1
Calcium	57000	B	21	3.5	mg/Kg	✳	07/21/23 15:18	07/25/23 00:07	1
Chromium	15		1.0	0.51	mg/Kg	✳	07/21/23 15:18	07/25/23 00:07	1
Cobalt	13		0.51	0.13	mg/Kg	✳	07/21/23 15:18	07/25/23 00:07	1
Copper	26		1.0	0.29	mg/Kg	✳	07/21/23 15:18	07/25/23 00:07	1
Iron	19000		21	11	mg/Kg	✳	07/21/23 15:18	07/25/23 00:07	1
Lead	13		0.51	0.24	mg/Kg	✳	07/21/23 15:18	07/25/23 00:07	1
Magnesium	34000	B	10	5.1	mg/Kg	✳	07/21/23 15:18	07/25/23 00:07	1
Manganese	430	B	1.0	0.15	mg/Kg	✳	07/21/23 15:18	07/25/23 00:07	1
Nickel	30		1.0	0.30	mg/Kg	✳	07/21/23 15:18	07/25/23 00:07	1
Potassium	2400		51	18	mg/Kg	✳	07/21/23 15:18	07/25/23 00:07	1
Selenium	<1.0		1.0	0.60	mg/Kg	✳	07/21/23 15:18	07/25/23 00:07	1
Silver	<0.51		0.51	0.13	mg/Kg	✳	07/21/23 15:18	07/25/23 00:07	1
Sodium	210		100	15	mg/Kg	✳	07/21/23 15:18	07/25/23 00:07	1
Thallium	<1.0		1.0	0.51	mg/Kg	✳	07/21/23 15:18	07/25/23 00:07	1
Vanadium	17		0.51	0.12	mg/Kg	✳	07/21/23 15:18	07/25/23 00:07	1
Zinc	50		2.1	0.90	mg/Kg	✳	07/21/23 15:18	07/25/23 00:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/24/23 16:07	07/25/23 15:06	1
Barium	0.66		0.50	0.050	mg/L		07/24/23 16:07	07/25/23 15:06	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/24/23 16:07	07/25/23 15:06	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/24/23 16:07	07/25/23 15:06	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

Client Sample ID: ROW-2(6.5-13)-071923

Lab Sample ID: 500-236922-8

Date Collected: 07/19/23 12:25

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 87.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 15:06	1
Cobalt	0.028		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 15:06	1
Copper	0.010	J	0.025	0.010	mg/L		07/24/23 16:07	07/25/23 15:06	1
Iron	<0.40		0.40	0.20	mg/L		07/24/23 16:07	07/25/23 15:06	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/24/23 16:07	07/25/23 15:06	1
Manganese	2.4		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 15:06	1
Nickel	0.073		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 15:06	1
Selenium	<0.050		0.050	0.020	mg/L		07/24/23 16:07	07/25/23 15:06	1
Silver	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 15:06	1
Zinc	<0.50		0.50	0.020	mg/L		07/24/23 16:07	07/25/23 15:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/24/23 16:08	07/26/23 00:18	1
Barium	0.059	J	0.50	0.050	mg/L		07/24/23 16:08	07/26/23 00:18	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/24/23 16:08	07/26/23 00:18	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/24/23 16:08	07/26/23 00:18	1
Chromium	<0.025		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:18	1
Cobalt	<0.025		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:18	1
Copper	<0.025		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:18	1
Iron	4.1		0.40	0.20	mg/L		07/24/23 16:08	07/26/23 00:18	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/24/23 16:08	07/26/23 00:18	1
Manganese	0.064		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:18	1
Nickel	<0.025		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:18	1
Selenium	<0.050		0.050	0.020	mg/L		07/24/23 16:08	07/26/23 00:18	1
Silver	<0.025		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:18	1
Zinc	<0.50		0.50	0.020	mg/L		07/24/23 16:08	07/26/23 00:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/25/23 10:20	07/26/23 08:49	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.024		0.018	0.0095	mg/Kg	☆	07/28/23 17:10	07/31/23 12:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.4		0.2	0.2	SU			07/24/23 20:24	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

Client Sample ID: ROW-2(13-20)-071923

Lab Sample ID: 500-236922-9

Date Collected: 07/19/23 12:30

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 84.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018		0.018	0.0078	mg/Kg	☼	07/20/23 18:51	07/25/23 02:02	1
Benzene	<0.0018		0.0018	0.00046	mg/Kg	☼	07/20/23 18:51	07/25/23 02:02	1
Bromodichloromethane	<0.0018		0.0018	0.00037	mg/Kg	☼	07/20/23 18:51	07/25/23 02:02	1
Bromoform	<0.0018		0.0018	0.00053	mg/Kg	☼	07/20/23 18:51	07/25/23 02:02	1
Bromomethane	<0.0045		0.0045	0.0017	mg/Kg	☼	07/20/23 18:51	07/25/23 02:02	1
Carbon disulfide	<0.0045		0.0045	0.00094	mg/Kg	☼	07/20/23 18:51	07/25/23 02:02	1
Carbon tetrachloride	<0.0018		0.0018	0.00052	mg/Kg	☼	07/20/23 18:51	07/25/23 02:02	1
Chlorobenzene	<0.0018		0.0018	0.00066	mg/Kg	☼	07/20/23 18:51	07/25/23 02:02	1
Chloroethane	<0.0045		0.0045	0.0013	mg/Kg	☼	07/20/23 18:51	07/25/23 02:02	1
Chloroform	<0.0018		0.0018	0.00062	mg/Kg	☼	07/20/23 18:51	07/25/23 02:02	1
Chloromethane	<0.0045		0.0045	0.0018	mg/Kg	☼	07/20/23 18:51	07/25/23 02:02	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00050	mg/Kg	☼	07/20/23 18:51	07/25/23 02:02	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00054	mg/Kg	☼	07/20/23 18:51	07/25/23 02:02	1
Dibromochloromethane	<0.0018		0.0018	0.00059	mg/Kg	☼	07/20/23 18:51	07/25/23 02:02	1
1,1-Dichloroethane	<0.0018		0.0018	0.00062	mg/Kg	☼	07/20/23 18:51	07/25/23 02:02	1
1,2-Dichloroethane	<0.0045		0.0045	0.0014	mg/Kg	☼	07/20/23 18:51	07/25/23 02:02	1
1,1-Dichloroethene	<0.0018		0.0018	0.00062	mg/Kg	☼	07/20/23 18:51	07/25/23 02:02	1
1,2-Dichloropropane	<0.0018		0.0018	0.00047	mg/Kg	☼	07/20/23 18:51	07/25/23 02:02	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00063	mg/Kg	☼	07/20/23 18:51	07/25/23 02:02	1
Ethylbenzene	<0.0018		0.0018	0.00086	mg/Kg	☼	07/20/23 18:51	07/25/23 02:02	1
2-Hexanone	<0.0045		0.0045	0.0014	mg/Kg	☼	07/20/23 18:51	07/25/23 02:02	1
Methylene Chloride	<0.0045		0.0045	0.0018	mg/Kg	☼	07/20/23 18:51	07/25/23 02:02	1
Methyl Ethyl Ketone	<0.0045		0.0045	0.0020	mg/Kg	☼	07/20/23 18:51	07/25/23 02:02	1
methyl isobutyl ketone	<0.0045		0.0045	0.0013	mg/Kg	☼	07/20/23 18:51	07/25/23 02:02	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00053	mg/Kg	☼	07/20/23 18:51	07/25/23 02:02	1
Styrene	<0.0018		0.0018	0.00054	mg/Kg	☼	07/20/23 18:51	07/25/23 02:02	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00058	mg/Kg	☼	07/20/23 18:51	07/25/23 02:02	1
Tetrachloroethene	<0.0018		0.0018	0.00061	mg/Kg	☼	07/20/23 18:51	07/25/23 02:02	1
Toluene	<0.0018		0.0018	0.00045	mg/Kg	☼	07/20/23 18:51	07/25/23 02:02	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00080	mg/Kg	☼	07/20/23 18:51	07/25/23 02:02	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00063	mg/Kg	☼	07/20/23 18:51	07/25/23 02:02	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00060	mg/Kg	☼	07/20/23 18:51	07/25/23 02:02	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00077	mg/Kg	☼	07/20/23 18:51	07/25/23 02:02	1
Trichloroethene	<0.0018		0.0018	0.00061	mg/Kg	☼	07/20/23 18:51	07/25/23 02:02	1
Vinyl chloride	<0.0018		0.0018	0.00080	mg/Kg	☼	07/20/23 18:51	07/25/23 02:02	1
Xylenes, Total	<0.0036		0.0036	0.00058	mg/Kg	☼	07/20/23 18:51	07/25/23 02:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		75 - 131	07/20/23 18:51	07/25/23 02:02	1
Dibromofluoromethane (Surr)	118		75 - 126	07/20/23 18:51	07/25/23 02:02	1
1,2-Dichloroethane-d4 (Surr)	136	S1+	70 - 134	07/20/23 18:51	07/25/23 02:02	1
Toluene-d8 (Surr)	118		75 - 124	07/20/23 18:51	07/25/23 02:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.042	mg/Kg	☼	07/21/23 07:29	07/24/23 14:23	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	07/21/23 07:29	07/24/23 14:23	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	07/21/23 07:29	07/24/23 14:23	1
1,4-Dichlorobenzene	<0.20		0.20	0.050	mg/Kg	☼	07/21/23 07:29	07/24/23 14:23	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.045	mg/Kg	☼	07/21/23 07:29	07/24/23 14:23	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

Client Sample ID: ROW-2(13-20)-071923

Lab Sample ID: 500-236922-9

Date Collected: 07/19/23 12:30

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 84.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.089	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
2,4,6-Trichlorophenol	<0.39		0.39	0.13	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
2,4-Dichlorophenol	<0.39		0.39	0.093	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
2,4-Dinitrophenol	<0.79		0.79	0.69	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
2,4-Dinitrotoluene	<0.20		0.20	0.062	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
2,6-Dinitrotoluene	<0.20		0.20	0.077	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
2-Chloronaphthalene	<0.20		0.20	0.043	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
2-Chlorophenol	<0.20		0.20	0.067	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
2-Methylnaphthalene	0.036	J	0.079	0.0072	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
2-Nitrophenol	<0.39		0.39	0.092	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
3 & 4 Methylphenol	<0.20		0.20	0.065	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.31	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
4-Chloroaniline	<0.79		0.79	0.18	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
4-Nitroaniline	<0.39		0.39	0.16	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
4-Nitrophenol	<0.79		0.79	0.37	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
Acenaphthene	<0.039		0.039	0.0070	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
Anthracene	<0.039		0.039	0.0065	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
Benzo[a]anthracene	<0.039		0.039	0.0053	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
Benzo[a]pyrene	<0.039		0.039	0.0076	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
Benzo[b]fluoranthene	<0.039		0.039	0.0084	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
Benzo[g,h,i]perylene	<0.039		0.039	0.013	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
Benzo[k]fluoranthene	<0.039		0.039	0.012	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.071	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
Butyl benzyl phthalate	<0.20		0.20	0.074	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
Carbazole	<0.20		0.20	0.098	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
Chrysene	<0.039		0.039	0.011	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
Dibenz(a,h)anthracene	<0.039		0.039	0.0075	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
Diethyl phthalate	<0.20		0.20	0.066	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
Dimethyl phthalate	<0.20		0.20	0.051	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
Fluoranthene	<0.039		0.039	0.0072	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
Fluorene	<0.039		0.039	0.0055	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
Hexachlorobenzene	<0.079		0.079	0.0091	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
Hexachlorobutadiene	<0.20		0.20	0.061	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
Hexachlorocyclopentadiene	<0.79		0.79	0.22	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
Hexachloroethane	<0.20		0.20	0.059	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

Client Sample ID: ROW-2(13-20)-071923

Lab Sample ID: 500-236922-9

Date Collected: 07/19/23 12:30

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 84.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.039		0.039	0.010	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
Isophorone	<0.20		0.20	0.044	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
Naphthalene	0.013	J	0.039	0.0060	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
Nitrobenzene	<0.039		0.039	0.0097	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.048	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
N-Nitrosodiphenylamine	<0.20		0.20	0.046	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
Pentachlorophenol	<0.79		0.79	0.63	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
Phenanthrene	0.030	J	0.039	0.0054	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
Phenol	<0.20		0.20	0.087	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1
Pyrene	<0.039		0.039	0.0078	mg/Kg	✳	07/21/23 07:29	07/24/23 14:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	66		31 - 166	07/21/23 07:29	07/24/23 14:23	1
Phenol-d5 (Surr)	72		30 - 153	07/21/23 07:29	07/24/23 14:23	1
Nitrobenzene-d5 (Surr)	60		37 - 147	07/21/23 07:29	07/24/23 14:23	1
2-Fluorobiphenyl (Surr)	69		43 - 145	07/21/23 07:29	07/24/23 14:23	1
2,4,6-Tribromophenol (Surr)	45		31 - 143	07/21/23 07:29	07/24/23 14:23	1
Terphenyl-d14 (Surr)	85		42 - 157	07/21/23 07:29	07/24/23 14:23	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	11000		21	8.4	mg/Kg	✳	07/21/23 15:18	07/25/23 00:10	1
Antimony	<2.1		2.1	0.40	mg/Kg	✳	07/21/23 15:18	07/25/23 00:10	1
Arsenic	7.3		1.0	0.35	mg/Kg	✳	07/21/23 15:18	07/25/23 00:10	1
Barium	47		1.0	0.12	mg/Kg	✳	07/21/23 15:18	07/25/23 00:10	1
Beryllium	0.82		0.41	0.096	mg/Kg	✳	07/21/23 15:18	07/25/23 00:10	1
Cadmium	0.16	J B	0.21	0.037	mg/Kg	✳	07/21/23 15:18	07/25/23 00:10	1
Calcium	73000	B	100	17	mg/Kg	✳	07/21/23 15:18	07/25/23 13:46	5
Chromium	17		1.0	0.51	mg/Kg	✳	07/21/23 15:18	07/25/23 00:10	1
Cobalt	13		0.51	0.13	mg/Kg	✳	07/21/23 15:18	07/25/23 00:10	1
Copper	23		1.0	0.29	mg/Kg	✳	07/21/23 15:18	07/25/23 00:10	1
Iron	19000		21	11	mg/Kg	✳	07/21/23 15:18	07/25/23 00:10	1
Lead	12		0.51	0.24	mg/Kg	✳	07/21/23 15:18	07/25/23 00:10	1
Magnesium	33000	B	10	5.1	mg/Kg	✳	07/21/23 15:18	07/25/23 00:10	1
Manganese	430	B	1.0	0.15	mg/Kg	✳	07/21/23 15:18	07/25/23 00:10	1
Nickel	31		1.0	0.30	mg/Kg	✳	07/21/23 15:18	07/25/23 00:10	1
Potassium	2900		51	18	mg/Kg	✳	07/21/23 15:18	07/25/23 00:10	1
Selenium	0.65	J	1.0	0.60	mg/Kg	✳	07/21/23 15:18	07/25/23 00:10	1
Silver	<0.51		0.51	0.13	mg/Kg	✳	07/21/23 15:18	07/25/23 00:10	1
Sodium	200		100	15	mg/Kg	✳	07/21/23 15:18	07/25/23 00:10	1
Thallium	<1.0		1.0	0.51	mg/Kg	✳	07/21/23 15:18	07/25/23 00:10	1
Vanadium	20		0.51	0.12	mg/Kg	✳	07/21/23 15:18	07/25/23 00:10	1
Zinc	61		2.1	0.90	mg/Kg	✳	07/21/23 15:18	07/25/23 00:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.010	J	0.050	0.010	mg/L		07/24/23 16:07	07/25/23 15:09	1
Barium	0.73		0.50	0.050	mg/L		07/24/23 16:07	07/25/23 15:09	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/24/23 16:07	07/25/23 15:09	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/24/23 16:07	07/25/23 15:09	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

Client Sample ID: ROW-2(13-20)-071923

Lab Sample ID: 500-236922-9

Date Collected: 07/19/23 12:30

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 84.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 15:09	1
Cobalt	0.013	J	0.025	0.010	mg/L		07/24/23 16:07	07/25/23 15:09	1
Copper	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 15:09	1
Iron	<0.40		0.40	0.20	mg/L		07/24/23 16:07	07/25/23 15:09	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/24/23 16:07	07/25/23 15:09	1
Manganese	2.0		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 15:09	1
Nickel	0.035		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 15:09	1
Selenium	<0.050		0.050	0.020	mg/L		07/24/23 16:07	07/25/23 15:09	1
Silver	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 15:09	1
Zinc	<0.50		0.50	0.020	mg/L		07/24/23 16:07	07/25/23 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/24/23 16:08	07/26/23 00:21	1
Barium	<0.50		0.50	0.050	mg/L		07/24/23 16:08	07/26/23 00:21	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/24/23 16:08	07/26/23 00:21	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/24/23 16:08	07/26/23 00:21	1
Chromium	<0.025		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:21	1
Cobalt	<0.025		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:21	1
Copper	<0.025		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:21	1
Iron	1.8		0.40	0.20	mg/L		07/24/23 16:08	07/26/23 00:21	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/24/23 16:08	07/26/23 00:21	1
Manganese	0.027		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:21	1
Nickel	<0.025		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:21	1
Selenium	<0.050		0.050	0.020	mg/L		07/24/23 16:08	07/26/23 00:21	1
Silver	<0.025		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:21	1
Zinc	<0.50		0.50	0.020	mg/L		07/24/23 16:08	07/26/23 00:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/25/23 10:20	07/26/23 08:55	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.018		0.018	0.0097	mg/Kg	☆	07/28/23 17:10	07/31/23 12:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.8		0.2	0.2	SU			07/24/23 20:26	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

Client Sample ID: ROW-4(0-6.5)-071923

Lab Sample ID: 500-236922-13

Date Collected: 07/19/23 13:25

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 83.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.0095	*+ *1	0.0095	0.0042	mg/Kg	☼	07/20/23 18:51	07/25/23 14:05	1
Benzene	<0.00095		0.00095	0.00024	mg/Kg	☼	07/20/23 18:51	07/25/23 14:05	1
Bromodichloromethane	<0.00095		0.00095	0.00019	mg/Kg	☼	07/20/23 18:51	07/25/23 14:05	1
Bromoform	<0.00095		0.00095	0.00028	mg/Kg	☼	07/20/23 18:51	07/25/23 14:05	1
Bromomethane	<0.0024		0.0024	0.00090	mg/Kg	☼	07/20/23 18:51	07/25/23 14:05	1
Carbon disulfide	<0.0024		0.0024	0.00050	mg/Kg	☼	07/20/23 18:51	07/25/23 14:05	1
Carbon tetrachloride	<0.00095		0.00095	0.00028	mg/Kg	☼	07/20/23 18:51	07/25/23 14:05	1
Chlorobenzene	<0.00095		0.00095	0.00035	mg/Kg	☼	07/20/23 18:51	07/25/23 14:05	1
Chloroethane	<0.0024		0.0024	0.00071	mg/Kg	☼	07/20/23 18:51	07/25/23 14:05	1
Chloroform	<0.00095		0.00095	0.00033	mg/Kg	☼	07/20/23 18:51	07/25/23 14:05	1
Chloromethane	<0.0024		0.0024	0.00096	mg/Kg	☼	07/20/23 18:51	07/25/23 14:05	1
cis-1,2-Dichloroethene	<0.00095		0.00095	0.00027	mg/Kg	☼	07/20/23 18:51	07/25/23 14:05	1
cis-1,3-Dichloropropene	<0.00095		0.00095	0.00029	mg/Kg	☼	07/20/23 18:51	07/25/23 14:05	1
Dibromochloromethane	<0.00095		0.00095	0.00031	mg/Kg	☼	07/20/23 18:51	07/25/23 14:05	1
1,1-Dichloroethane	<0.00095		0.00095	0.00033	mg/Kg	☼	07/20/23 18:51	07/25/23 14:05	1
1,2-Dichloroethane	<0.0024		0.0024	0.00074	mg/Kg	☼	07/20/23 18:51	07/25/23 14:05	1
1,1-Dichloroethene	<0.00095		0.00095	0.00033	mg/Kg	☼	07/20/23 18:51	07/25/23 14:05	1
1,2-Dichloropropane	<0.00095		0.00095	0.00025	mg/Kg	☼	07/20/23 18:51	07/25/23 14:05	1
1,3-Dichloropropene, Total	<0.00095		0.00095	0.00033	mg/Kg	☼	07/20/23 18:51	07/25/23 14:05	1
Ethylbenzene	<0.00095		0.00095	0.00046	mg/Kg	☼	07/20/23 18:51	07/25/23 14:05	1
2-Hexanone	<0.0024		0.0024	0.00074	mg/Kg	☼	07/20/23 18:51	07/25/23 14:05	1
Methylene Chloride	<0.0024		0.0024	0.00094	mg/Kg	☼	07/20/23 18:51	07/25/23 14:05	1
Methyl Ethyl Ketone	<0.0024	*1	0.0024	0.0011	mg/Kg	☼	07/20/23 18:51	07/25/23 14:05	1
methyl isobutyl ketone	<0.0024		0.0024	0.00071	mg/Kg	☼	07/20/23 18:51	07/25/23 14:05	1
Methyl tert-butyl ether	<0.00095		0.00095	0.00028	mg/Kg	☼	07/20/23 18:51	07/25/23 14:05	1
Styrene	<0.00095		0.00095	0.00029	mg/Kg	☼	07/20/23 18:51	07/25/23 14:05	1
1,1,2,2-Tetrachloroethane	<0.00095		0.00095	0.00030	mg/Kg	☼	07/20/23 18:51	07/25/23 14:05	1
Tetrachloroethene	<0.00095		0.00095	0.00032	mg/Kg	☼	07/20/23 18:51	07/25/23 14:05	1
Toluene	<0.00095		0.00095	0.00024	mg/Kg	☼	07/20/23 18:51	07/25/23 14:05	1
trans-1,2-Dichloroethene	<0.00095		0.00095	0.00042	mg/Kg	☼	07/20/23 18:51	07/25/23 14:05	1
trans-1,3-Dichloropropene	<0.00095		0.00095	0.00033	mg/Kg	☼	07/20/23 18:51	07/25/23 14:05	1
1,1,1-Trichloroethane	<0.00095		0.00095	0.00032	mg/Kg	☼	07/20/23 18:51	07/25/23 14:05	1
1,1,2-Trichloroethane	<0.00095		0.00095	0.00041	mg/Kg	☼	07/20/23 18:51	07/25/23 14:05	1
Trichloroethene	<0.00095		0.00095	0.00032	mg/Kg	☼	07/20/23 18:51	07/25/23 14:05	1
Vinyl chloride	<0.00095		0.00095	0.00042	mg/Kg	☼	07/20/23 18:51	07/25/23 14:05	1
Xylenes, Total	<0.0019		0.0019	0.00030	mg/Kg	☼	07/20/23 18:51	07/25/23 14:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		75 - 131	07/20/23 18:51	07/25/23 14:05	1
Dibromofluoromethane (Surr)	112		75 - 126	07/20/23 18:51	07/25/23 14:05	1
1,2-Dichloroethane-d4 (Surr)	131		70 - 134	07/20/23 18:51	07/25/23 14:05	1
Toluene-d8 (Surr)	116		75 - 124	07/20/23 18:51	07/25/23 14:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.043	mg/Kg	☼	07/21/23 07:29	07/24/23 14:47	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	07/21/23 07:29	07/24/23 14:47	1
1,3-Dichlorobenzene	<0.20		0.20	0.045	mg/Kg	☼	07/21/23 07:29	07/24/23 14:47	1
1,4-Dichlorobenzene	<0.20		0.20	0.051	mg/Kg	☼	07/21/23 07:29	07/24/23 14:47	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	☼	07/21/23 07:29	07/24/23 14:47	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

Client Sample ID: ROW-4(0-6.5)-071923

Lab Sample ID: 500-236922-13

Date Collected: 07/19/23 13:25

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 83.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.091	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
2,4,6-Trichlorophenol	<0.39		0.39	0.14	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
2,4-Dichlorophenol	<0.39		0.39	0.094	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
2,4-Dinitrophenol	<0.80		0.80	0.70	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
2,4-Dinitrotoluene	<0.20		0.20	0.063	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
2,6-Dinitrotoluene	<0.20		0.20	0.078	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
2-Chlorophenol	<0.20		0.20	0.068	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
2-Methylnaphthalene	<0.080		0.080	0.0073	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
2-Methylphenol	<0.20		0.20	0.064	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
2-Nitrophenol	<0.39		0.39	0.094	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
3 & 4 Methylphenol	<0.20		0.20	0.066	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.056	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
4,6-Dinitro-2-methylphenol	<0.80		0.80	0.32	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
4-Chloroaniline	<0.80		0.80	0.19	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
4-Nitroaniline	<0.39		0.39	0.17	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
4-Nitrophenol	<0.80		0.80	0.38	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
Acenaphthene	<0.039		0.039	0.0071	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
Anthracene	0.0086	J	0.039	0.0066	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
Benzo[a]anthracene	0.037	J	0.039	0.0053	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
Benzo[a]pyrene	0.043		0.039	0.0077	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
Benzo[b]fluoranthene	0.056		0.039	0.0086	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
Benzo[g,h,i]perylene	0.032	J	0.039	0.013	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
Benzo[k]fluoranthene	0.022	J	0.039	0.012	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
Butyl benzyl phthalate	<0.20		0.20	0.075	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
Carbazole	<0.20		0.20	0.099	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
Chrysene	0.047		0.039	0.011	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
Dibenz(a,h)anthracene	<0.039		0.039	0.0077	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
Diethyl phthalate	<0.20		0.20	0.067	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
Dimethyl phthalate	<0.20		0.20	0.052	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
Di-n-octyl phthalate	<0.20		0.20	0.065	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
Fluoranthene	0.079		0.039	0.0074	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
Fluorene	<0.039		0.039	0.0056	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
Hexachlorobenzene	<0.080		0.080	0.0092	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
Hexachlorocyclopentadiene	<0.80		0.80	0.23	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
Hexachloroethane	<0.20		0.20	0.060	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

Client Sample ID: ROW-4(0-6.5)-071923

Lab Sample ID: 500-236922-13

Date Collected: 07/19/23 13:25

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 83.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.031	J	0.039	0.010	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
Isophorone	<0.20		0.20	0.045	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
Naphthalene	<0.039		0.039	0.0061	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
Nitrobenzene	<0.039		0.039	0.0099	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
N-Nitrosodi-n-propylamine	<0.080		0.080	0.048	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
N-Nitrosodiphenylamine	<0.20		0.20	0.047	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
Pentachlorophenol	<0.80		0.80	0.64	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
Phenanthrene	0.037	J	0.039	0.0055	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
Phenol	<0.20		0.20	0.088	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1
Pyrene	0.066		0.039	0.0079	mg/Kg	✳	07/21/23 07:29	07/24/23 14:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	66		31 - 166	07/21/23 07:29	07/24/23 14:47	1
Phenol-d5 (Surr)	69		30 - 153	07/21/23 07:29	07/24/23 14:47	1
Nitrobenzene-d5 (Surr)	59		37 - 147	07/21/23 07:29	07/24/23 14:47	1
2-Fluorobiphenyl (Surr)	64		43 - 145	07/21/23 07:29	07/24/23 14:47	1
2,4,6-Tribromophenol (Surr)	63		31 - 143	07/21/23 07:29	07/24/23 14:47	1
Terphenyl-d14 (Surr)	83		42 - 157	07/21/23 07:29	07/24/23 14:47	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	17000		21	8.8	mg/Kg	✳	07/21/23 15:18	07/25/23 00:32	1
Antimony	<2.1		2.1	0.42	mg/Kg	✳	07/21/23 15:18	07/25/23 00:32	1
Arsenic	7.4		1.1	0.37	mg/Kg	✳	07/21/23 15:18	07/25/23 00:32	1
Barium	130		1.1	0.12	mg/Kg	✳	07/21/23 15:18	07/25/23 00:32	1
Beryllium	1.2		0.43	0.10	mg/Kg	✳	07/21/23 15:18	07/25/23 00:32	1
Cadmium	0.12	J B	0.21	0.039	mg/Kg	✳	07/21/23 15:18	07/25/23 00:32	1
Calcium	4700	B	21	3.6	mg/Kg	✳	07/21/23 15:18	07/25/23 00:32	1
Chromium	21		1.1	0.53	mg/Kg	✳	07/21/23 15:18	07/25/23 00:32	1
Cobalt	9.6		0.54	0.14	mg/Kg	✳	07/21/23 15:18	07/25/23 00:32	1
Copper	26		1.1	0.30	mg/Kg	✳	07/21/23 15:18	07/25/23 00:32	1
Iron	24000		21	11	mg/Kg	✳	07/21/23 15:18	07/25/23 00:32	1
Lead	19		0.54	0.25	mg/Kg	✳	07/21/23 15:18	07/25/23 00:32	1
Magnesium	4900	B	11	5.3	mg/Kg	✳	07/21/23 15:18	07/25/23 00:32	1
Manganese	120	B	1.1	0.16	mg/Kg	✳	07/21/23 15:18	07/25/23 00:32	1
Nickel	30		1.1	0.31	mg/Kg	✳	07/21/23 15:18	07/25/23 00:32	1
Potassium	1200		54	19	mg/Kg	✳	07/21/23 15:18	07/25/23 00:32	1
Selenium	<1.1		1.1	0.63	mg/Kg	✳	07/21/23 15:18	07/25/23 00:32	1
Silver	<0.54		0.54	0.14	mg/Kg	✳	07/21/23 15:18	07/25/23 00:32	1
Sodium	1300		110	16	mg/Kg	✳	07/21/23 15:18	07/25/23 00:32	1
Thallium	<1.1		1.1	0.53	mg/Kg	✳	07/21/23 15:18	07/25/23 00:32	1
Vanadium	30		0.54	0.13	mg/Kg	✳	07/21/23 15:18	07/25/23 00:32	1
Zinc	71		2.1	0.94	mg/Kg	✳	07/21/23 15:18	07/25/23 00:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/24/23 16:07	07/25/23 15:31	1
Barium	0.45	J	0.50	0.050	mg/L		07/24/23 16:07	07/25/23 15:31	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/24/23 16:07	07/25/23 15:31	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/24/23 16:07	07/25/23 15:31	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

Client Sample ID: ROW-4(0-6.5)-071923

Lab Sample ID: 500-236922-13

Date Collected: 07/19/23 13:25

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 83.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 15:31	1
Cobalt	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 15:31	1
Copper	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 15:31	1
Iron	<0.40		0.40	0.20	mg/L		07/24/23 16:07	07/25/23 15:31	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/24/23 16:07	07/25/23 15:31	1
Manganese	2.5		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 15:31	1
Nickel	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 15:31	1
Selenium	<0.050		0.050	0.020	mg/L		07/24/23 16:07	07/25/23 15:31	1
Silver	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 15:31	1
Zinc	<0.50		0.50	0.020	mg/L		07/24/23 16:07	07/25/23 15:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.040	J	0.050	0.010	mg/L		07/24/23 16:08	07/26/23 00:42	1
Barium	0.66		0.50	0.050	mg/L		07/24/23 16:08	07/26/23 00:42	1
Beryllium	0.0064		0.0040	0.0040	mg/L		07/24/23 16:08	07/26/23 00:42	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/24/23 16:08	07/26/23 00:42	1
Chromium	0.13		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:42	1
Cobalt	0.034		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:42	1
Copper	0.14		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:42	1
Iron	120		0.40	0.20	mg/L		07/24/23 16:08	07/26/23 00:42	1
Lead	0.084		0.0075	0.0075	mg/L		07/24/23 16:08	07/26/23 00:42	1
Manganese	0.49		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:42	1
Nickel	0.11		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:42	1
Selenium	<0.050		0.050	0.020	mg/L		07/24/23 16:08	07/26/23 00:42	1
Silver	<0.025		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:42	1
Zinc	0.27	J	0.50	0.020	mg/L		07/24/23 16:08	07/26/23 00:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/25/23 10:20	07/26/23 09:04	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.026		0.018	0.0097	mg/Kg	☆	07/28/23 17:10	07/31/23 12:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.0		0.2	0.2	SU			07/24/23 20:36	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

Client Sample ID: ROW-4(6.5-13)-071923

Lab Sample ID: 500-236922-14

Date Collected: 07/19/23 13:30

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 90.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0068	mg/Kg	☼	07/20/23 18:51	07/25/23 04:04	1
Benzene	<0.0016		0.0016	0.00040	mg/Kg	☼	07/20/23 18:51	07/25/23 04:04	1
Bromodichloromethane	<0.0016		0.0016	0.00032	mg/Kg	☼	07/20/23 18:51	07/25/23 04:04	1
Bromoform	<0.0016		0.0016	0.00045	mg/Kg	☼	07/20/23 18:51	07/25/23 04:04	1
Bromomethane	<0.0039		0.0039	0.0015	mg/Kg	☼	07/20/23 18:51	07/25/23 04:04	1
Carbon disulfide	<0.0039		0.0039	0.00081	mg/Kg	☼	07/20/23 18:51	07/25/23 04:04	1
Carbon tetrachloride	<0.0016		0.0016	0.00045	mg/Kg	☼	07/20/23 18:51	07/25/23 04:04	1
Chlorobenzene	<0.0016		0.0016	0.00057	mg/Kg	☼	07/20/23 18:51	07/25/23 04:04	1
Chloroethane	<0.0039		0.0039	0.0012	mg/Kg	☼	07/20/23 18:51	07/25/23 04:04	1
Chloroform	<0.0016		0.0016	0.00054	mg/Kg	☼	07/20/23 18:51	07/25/23 04:04	1
Chloromethane	<0.0039		0.0039	0.0016	mg/Kg	☼	07/20/23 18:51	07/25/23 04:04	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00044	mg/Kg	☼	07/20/23 18:51	07/25/23 04:04	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00047	mg/Kg	☼	07/20/23 18:51	07/25/23 04:04	1
Dibromochloromethane	<0.0016		0.0016	0.00051	mg/Kg	☼	07/20/23 18:51	07/25/23 04:04	1
1,1-Dichloroethane	<0.0016		0.0016	0.00053	mg/Kg	☼	07/20/23 18:51	07/25/23 04:04	1
1,2-Dichloroethane	<0.0039		0.0039	0.0012	mg/Kg	☼	07/20/23 18:51	07/25/23 04:04	1
1,1-Dichloroethene	<0.0016		0.0016	0.00054	mg/Kg	☼	07/20/23 18:51	07/25/23 04:04	1
1,2-Dichloropropane	<0.0016		0.0016	0.00040	mg/Kg	☼	07/20/23 18:51	07/25/23 04:04	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00055	mg/Kg	☼	07/20/23 18:51	07/25/23 04:04	1
Ethylbenzene	<0.0016		0.0016	0.00075	mg/Kg	☼	07/20/23 18:51	07/25/23 04:04	1
2-Hexanone	<0.0039		0.0039	0.0012	mg/Kg	☼	07/20/23 18:51	07/25/23 04:04	1
Methylene Chloride	<0.0039		0.0039	0.0015	mg/Kg	☼	07/20/23 18:51	07/25/23 04:04	1
Methyl Ethyl Ketone	<0.0039		0.0039	0.0017	mg/Kg	☼	07/20/23 18:51	07/25/23 04:04	1
methyl isobutyl ketone	<0.0039		0.0039	0.0012	mg/Kg	☼	07/20/23 18:51	07/25/23 04:04	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00046	mg/Kg	☼	07/20/23 18:51	07/25/23 04:04	1
Styrene	<0.0016		0.0016	0.00047	mg/Kg	☼	07/20/23 18:51	07/25/23 04:04	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00050	mg/Kg	☼	07/20/23 18:51	07/25/23 04:04	1
Tetrachloroethene	<0.0016		0.0016	0.00053	mg/Kg	☼	07/20/23 18:51	07/25/23 04:04	1
Toluene	<0.0016		0.0016	0.00039	mg/Kg	☼	07/20/23 18:51	07/25/23 04:04	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00069	mg/Kg	☼	07/20/23 18:51	07/25/23 04:04	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00055	mg/Kg	☼	07/20/23 18:51	07/25/23 04:04	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00052	mg/Kg	☼	07/20/23 18:51	07/25/23 04:04	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00067	mg/Kg	☼	07/20/23 18:51	07/25/23 04:04	1
Trichloroethene	<0.0016		0.0016	0.00053	mg/Kg	☼	07/20/23 18:51	07/25/23 04:04	1
Vinyl chloride	<0.0016		0.0016	0.00069	mg/Kg	☼	07/20/23 18:51	07/25/23 04:04	1
Xylenes, Total	<0.0031		0.0031	0.00050	mg/Kg	☼	07/20/23 18:51	07/25/23 04:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		75 - 131	07/20/23 18:51	07/25/23 04:04	1
Dibromofluoromethane (Surr)	119		75 - 126	07/20/23 18:51	07/25/23 04:04	1
1,2-Dichloroethane-d4 (Surr)	133		70 - 134	07/20/23 18:51	07/25/23 04:04	1
Toluene-d8 (Surr)	116		75 - 124	07/20/23 18:51	07/25/23 04:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.039	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
1,2-Dichlorobenzene	<0.18		0.18	0.043	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
1,3-Dichlorobenzene	<0.18		0.18	0.040	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
1,4-Dichlorobenzene	<0.18		0.18	0.046	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.041	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

Client Sample ID: ROW-4(6.5-13)-071923

Lab Sample ID: 500-236922-14

Date Collected: 07/19/23 13:30

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 90.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.35		0.35	0.082	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
2,4,6-Trichlorophenol	<0.35		0.35	0.12	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
2,4-Dichlorophenol	<0.35		0.35	0.085	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
2,4-Dimethylphenol	<0.35		0.35	0.14	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
2,4-Dinitrophenol	<0.72		0.72	0.63	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
2,4-Dinitrotoluene	<0.18		0.18	0.057	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
2,6-Dinitrotoluene	<0.18		0.18	0.070	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
2-Chloronaphthalene	<0.18		0.18	0.039	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
2-Chlorophenol	<0.18		0.18	0.061	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
2-Methylnaphthalene	<0.072		0.072	0.0066	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
2-Methylphenol	<0.18		0.18	0.057	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
2-Nitroaniline	<0.18		0.18	0.048	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
2-Nitrophenol	<0.35		0.35	0.084	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
3 & 4 Methylphenol	<0.18		0.18	0.060	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.050	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
3-Nitroaniline	<0.35		0.35	0.11	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
4,6-Dinitro-2-methylphenol	<0.72		0.72	0.29	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.047	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
4-Chloro-3-methylphenol	<0.35		0.35	0.12	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
4-Chloroaniline	<0.72		0.72	0.17	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.042	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
4-Nitroaniline	<0.35		0.35	0.15	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
4-Nitrophenol	<0.72		0.72	0.34	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
Acenaphthene	<0.035		0.035	0.0064	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
Acenaphthylene	<0.035		0.035	0.0047	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
Anthracene	<0.035		0.035	0.0060	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
Benzo[a]anthracene	<0.035		0.035	0.0048	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
Benzo[a]pyrene	<0.035		0.035	0.0069	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
Benzo[b]fluoranthene	<0.035		0.035	0.0077	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
Benzo[g,h,i]perylene	<0.035		0.035	0.012	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
Benzo[k]fluoranthene	<0.035		0.035	0.011	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.036	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.054	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.065	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
Butyl benzyl phthalate	<0.18		0.18	0.068	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
Carbazole	<0.18		0.18	0.089	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
Chrysene	<0.035		0.035	0.0097	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
Dibenz(a,h)anthracene	<0.035		0.035	0.0069	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
Dibenzofuran	<0.18		0.18	0.042	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
Diethyl phthalate	<0.18		0.18	0.061	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
Dimethyl phthalate	<0.18		0.18	0.047	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
Di-n-butyl phthalate	<0.18		0.18	0.054	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
Di-n-octyl phthalate	<0.18		0.18	0.058	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
Fluoranthene	<0.035		0.035	0.0066	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
Fluorene	<0.035		0.035	0.0050	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
Hexachlorobenzene	<0.072		0.072	0.0083	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
Hexachlorobutadiene	<0.18		0.18	0.056	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
Hexachlorocyclopentadiene	<0.72		0.72	0.21	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1
Hexachloroethane	<0.18		0.18	0.054	mg/Kg	☼	07/21/23 07:29	07/24/23 12:46	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

Client Sample ID: ROW-4(6.5-13)-071923

Lab Sample ID: 500-236922-14

Date Collected: 07/19/23 13:30

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 90.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.035		0.035	0.0093	mg/Kg	✳	07/21/23 07:29	07/24/23 12:46	1
Isophorone	<0.18		0.18	0.040	mg/Kg	✳	07/21/23 07:29	07/24/23 12:46	1
Naphthalene	<0.035		0.035	0.0055	mg/Kg	✳	07/21/23 07:29	07/24/23 12:46	1
Nitrobenzene	<0.035		0.035	0.0089	mg/Kg	✳	07/21/23 07:29	07/24/23 12:46	1
N-Nitrosodi-n-propylamine	<0.072		0.072	0.044	mg/Kg	✳	07/21/23 07:29	07/24/23 12:46	1
N-Nitrosodiphenylamine	<0.18		0.18	0.042	mg/Kg	✳	07/21/23 07:29	07/24/23 12:46	1
Pentachlorophenol	<0.72		0.72	0.57	mg/Kg	✳	07/21/23 07:29	07/24/23 12:46	1
Phenanthrene	<0.035		0.035	0.0050	mg/Kg	✳	07/21/23 07:29	07/24/23 12:46	1
Phenol	<0.18		0.18	0.079	mg/Kg	✳	07/21/23 07:29	07/24/23 12:46	1
Pyrene	<0.035		0.035	0.0071	mg/Kg	✳	07/21/23 07:29	07/24/23 12:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	69		31 - 166	07/21/23 07:29	07/24/23 12:46	1
Phenol-d5 (Surr)	77		30 - 153	07/21/23 07:29	07/24/23 12:46	1
Nitrobenzene-d5 (Surr)	60		37 - 147	07/21/23 07:29	07/24/23 12:46	1
2-Fluorobiphenyl (Surr)	67		43 - 145	07/21/23 07:29	07/24/23 12:46	1
2,4,6-Tribromophenol (Surr)	65		31 - 143	07/21/23 07:29	07/24/23 12:46	1
Terphenyl-d14 (Surr)	86		42 - 157	07/21/23 07:29	07/24/23 12:46	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6100		19	7.9	mg/Kg	✳	07/21/23 15:18	07/25/23 00:35	1
Antimony	0.52	J	1.9	0.38	mg/Kg	✳	07/21/23 15:18	07/25/23 00:35	1
Arsenic	4.5		0.97	0.33	mg/Kg	✳	07/21/23 15:18	07/25/23 00:35	1
Barium	27		0.97	0.11	mg/Kg	✳	07/21/23 15:18	07/25/23 00:35	1
Beryllium	0.49		0.39	0.091	mg/Kg	✳	07/21/23 15:18	07/25/23 00:35	1
Cadmium	0.21	B	0.19	0.035	mg/Kg	✳	07/21/23 15:18	07/25/23 00:35	1
Calcium	83000	B	97	16	mg/Kg	✳	07/21/23 15:18	07/25/23 14:00	5
Chromium	12		0.97	0.48	mg/Kg	✳	07/21/23 15:18	07/25/23 00:35	1
Cobalt	7.1		0.48	0.13	mg/Kg	✳	07/21/23 15:18	07/25/23 00:35	1
Copper	15		0.97	0.27	mg/Kg	✳	07/21/23 15:18	07/25/23 00:35	1
Iron	12000		19	10	mg/Kg	✳	07/21/23 15:18	07/25/23 00:35	1
Lead	11		0.48	0.22	mg/Kg	✳	07/21/23 15:18	07/25/23 00:35	1
Magnesium	36000	B	9.7	4.8	mg/Kg	✳	07/21/23 15:18	07/25/23 00:35	1
Manganese	220	B	0.97	0.14	mg/Kg	✳	07/21/23 15:18	07/25/23 00:35	1
Nickel	16		0.97	0.28	mg/Kg	✳	07/21/23 15:18	07/25/23 00:35	1
Potassium	1600		48	17	mg/Kg	✳	07/21/23 15:18	07/25/23 00:35	1
Selenium	<0.97		0.97	0.57	mg/Kg	✳	07/21/23 15:18	07/25/23 00:35	1
Silver	<0.48		0.48	0.13	mg/Kg	✳	07/21/23 15:18	07/25/23 00:35	1
Sodium	300		97	14	mg/Kg	✳	07/21/23 15:18	07/25/23 00:35	1
Thallium	<0.97		0.97	0.48	mg/Kg	✳	07/21/23 15:18	07/25/23 00:35	1
Vanadium	13		0.48	0.11	mg/Kg	✳	07/21/23 15:18	07/25/23 00:35	1
Zinc	31		1.9	0.85	mg/Kg	✳	07/21/23 15:18	07/25/23 00:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/24/23 16:07	07/25/23 16:26	1
Barium	0.59		0.50	0.050	mg/L		07/24/23 16:07	07/25/23 16:26	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/24/23 16:07	07/25/23 16:26	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/24/23 16:07	07/25/23 16:26	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

Client Sample ID: ROW-4(6.5-13)-071923

Lab Sample ID: 500-236922-14

Date Collected: 07/19/23 13:30

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 90.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 16:26	1
Cobalt	0.010	J	0.025	0.010	mg/L		07/24/23 16:07	07/25/23 16:26	1
Copper	0.018	J	0.025	0.010	mg/L		07/24/23 16:07	07/25/23 16:26	1
Iron	2.8		0.40	0.20	mg/L		07/24/23 16:07	07/25/23 16:26	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/24/23 16:07	07/25/23 16:26	1
Manganese	3.0		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 16:26	1
Nickel	0.014	J	0.025	0.010	mg/L		07/24/23 16:07	07/25/23 16:26	1
Selenium	<0.050		0.050	0.020	mg/L		07/24/23 16:07	07/25/23 16:26	1
Silver	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 16:26	1
Zinc	<0.50		0.50	0.020	mg/L		07/24/23 16:07	07/25/23 16:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/24/23 16:08	07/26/23 00:46	1
Barium	<0.50		0.50	0.050	mg/L		07/24/23 16:08	07/26/23 00:46	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/24/23 16:08	07/26/23 00:46	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/24/23 16:08	07/26/23 00:46	1
Chromium	<0.025		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:46	1
Cobalt	<0.025		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:46	1
Copper	<0.025		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:46	1
Iron	2.7		0.40	0.20	mg/L		07/24/23 16:08	07/26/23 00:46	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/24/23 16:08	07/26/23 00:46	1
Manganese	0.028		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:46	1
Nickel	<0.025		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:46	1
Selenium	<0.050		0.050	0.020	mg/L		07/24/23 16:08	07/26/23 00:46	1
Silver	<0.025		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:46	1
Zinc	<0.50		0.50	0.020	mg/L		07/24/23 16:08	07/26/23 00:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/25/23 10:20	07/26/23 09:34	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	J	0.018	0.0093	mg/Kg	☆	07/28/23 17:10	07/31/23 12:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.7		0.2	0.2	SU			07/24/23 20:41	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

Client Sample ID: ROW-4(13-20)-071923

Lab Sample ID: 500-236922-15

Date Collected: 07/19/23 13:35

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 87.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0076	mg/Kg	☼	07/20/23 18:51	07/25/23 04:28	1
Benzene	<0.0017		0.0017	0.00045	mg/Kg	☼	07/20/23 18:51	07/25/23 04:28	1
Bromodichloromethane	<0.0017		0.0017	0.00036	mg/Kg	☼	07/20/23 18:51	07/25/23 04:28	1
Bromoform	<0.0017		0.0017	0.00051	mg/Kg	☼	07/20/23 18:51	07/25/23 04:28	1
Bromomethane	<0.0044		0.0044	0.0017	mg/Kg	☼	07/20/23 18:51	07/25/23 04:28	1
Carbon disulfide	<0.0044		0.0044	0.00091	mg/Kg	☼	07/20/23 18:51	07/25/23 04:28	1
Carbon tetrachloride	<0.0017		0.0017	0.00051	mg/Kg	☼	07/20/23 18:51	07/25/23 04:28	1
Chlorobenzene	<0.0017		0.0017	0.00065	mg/Kg	☼	07/20/23 18:51	07/25/23 04:28	1
Chloroethane	<0.0044		0.0044	0.0013	mg/Kg	☼	07/20/23 18:51	07/25/23 04:28	1
Chloroform	<0.0017		0.0017	0.00061	mg/Kg	☼	07/20/23 18:51	07/25/23 04:28	1
Chloromethane	<0.0044		0.0044	0.0018	mg/Kg	☼	07/20/23 18:51	07/25/23 04:28	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00049	mg/Kg	☼	07/20/23 18:51	07/25/23 04:28	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00053	mg/Kg	☼	07/20/23 18:51	07/25/23 04:28	1
Dibromochloromethane	<0.0017		0.0017	0.00057	mg/Kg	☼	07/20/23 18:51	07/25/23 04:28	1
1,1-Dichloroethane	<0.0017		0.0017	0.00060	mg/Kg	☼	07/20/23 18:51	07/25/23 04:28	1
1,2-Dichloroethane	<0.0044		0.0044	0.0014	mg/Kg	☼	07/20/23 18:51	07/25/23 04:28	1
1,1-Dichloroethene	<0.0017		0.0017	0.00060	mg/Kg	☼	07/20/23 18:51	07/25/23 04:28	1
1,2-Dichloropropane	<0.0017		0.0017	0.00045	mg/Kg	☼	07/20/23 18:51	07/25/23 04:28	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00061	mg/Kg	☼	07/20/23 18:51	07/25/23 04:28	1
Ethylbenzene	<0.0017		0.0017	0.00084	mg/Kg	☼	07/20/23 18:51	07/25/23 04:28	1
2-Hexanone	<0.0044		0.0044	0.0014	mg/Kg	☼	07/20/23 18:51	07/25/23 04:28	1
Methylene Chloride	<0.0044		0.0044	0.0017	mg/Kg	☼	07/20/23 18:51	07/25/23 04:28	1
Methyl Ethyl Ketone	<0.0044		0.0044	0.0019	mg/Kg	☼	07/20/23 18:51	07/25/23 04:28	1
methyl isobutyl ketone	<0.0044		0.0044	0.0013	mg/Kg	☼	07/20/23 18:51	07/25/23 04:28	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00051	mg/Kg	☼	07/20/23 18:51	07/25/23 04:28	1
Styrene	<0.0017		0.0017	0.00053	mg/Kg	☼	07/20/23 18:51	07/25/23 04:28	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00056	mg/Kg	☼	07/20/23 18:51	07/25/23 04:28	1
Tetrachloroethene	<0.0017		0.0017	0.00060	mg/Kg	☼	07/20/23 18:51	07/25/23 04:28	1
Toluene	<0.0017		0.0017	0.00044	mg/Kg	☼	07/20/23 18:51	07/25/23 04:28	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00077	mg/Kg	☼	07/20/23 18:51	07/25/23 04:28	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00061	mg/Kg	☼	07/20/23 18:51	07/25/23 04:28	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00059	mg/Kg	☼	07/20/23 18:51	07/25/23 04:28	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00075	mg/Kg	☼	07/20/23 18:51	07/25/23 04:28	1
Trichloroethene	<0.0017		0.0017	0.00059	mg/Kg	☼	07/20/23 18:51	07/25/23 04:28	1
Vinyl chloride	<0.0017		0.0017	0.00077	mg/Kg	☼	07/20/23 18:51	07/25/23 04:28	1
Xylenes, Total	<0.0035		0.0035	0.00056	mg/Kg	☼	07/20/23 18:51	07/25/23 04:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	75 - 131	07/20/23 18:51	07/25/23 04:28	1
Dibromofluoromethane (Surr)	123		75 - 126	07/20/23 18:51	07/25/23 04:28	1
1,2-Dichloroethane-d4 (Surr)	140	S1+	70 - 134	07/20/23 18:51	07/25/23 04:28	1
Toluene-d8 (Surr)	121		75 - 124	07/20/23 18:51	07/25/23 04:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

Client Sample ID: ROW-4(13-20)-071923

Lab Sample ID: 500-236922-15

Date Collected: 07/19/23 13:35

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 87.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.087	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
2,4-Dichlorophenol	<0.38		0.38	0.090	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
2,4-Dimethylphenol	<0.38		0.38	0.14	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
2,4-Dinitrophenol	<0.77		0.77	0.67	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
2,4-Dinitrotoluene	<0.19		0.19	0.060	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
2,6-Dinitrotoluene	<0.19		0.19	0.075	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
2-Chlorophenol	<0.19		0.19	0.065	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
2-Methylnaphthalene	0.020	J	0.077	0.0070	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
2-Methylphenol	<0.19		0.19	0.061	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
2-Nitrophenol	<0.38		0.38	0.090	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
3 & 4 Methylphenol	<0.19		0.19	0.063	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.053	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
4,6-Dinitro-2-methylphenol	<0.77		0.77	0.31	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
4-Chloroaniline	<0.77		0.77	0.18	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
4-Nitrophenol	<0.77		0.77	0.36	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
Acenaphthene	<0.038		0.038	0.0068	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
Acenaphthylene	<0.038		0.038	0.0050	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
Anthracene	<0.038		0.038	0.0063	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
Benzo[a]anthracene	<0.038		0.038	0.0051	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
Benzo[a]pyrene	<0.038		0.038	0.0073	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
Benzo[b]fluoranthene	<0.038		0.038	0.0082	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
Benzo[g,h,i]perylene	<0.038		0.038	0.012	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
Benzo[k]fluoranthene	<0.038		0.038	0.011	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.057	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.069	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
Butyl benzyl phthalate	<0.19		0.19	0.072	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
Carbazole	<0.19		0.19	0.095	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
Chrysene	<0.038		0.038	0.010	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
Dibenz(a,h)anthracene	<0.038		0.038	0.0073	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
Diethyl phthalate	<0.19		0.19	0.064	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
Di-n-butyl phthalate	<0.19		0.19	0.058	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
Di-n-octyl phthalate	<0.19		0.19	0.062	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
Fluoranthene	<0.038		0.038	0.0070	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
Fluorene	<0.038		0.038	0.0053	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
Hexachlorobenzene	<0.077		0.077	0.0088	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
Hexachlorobutadiene	<0.19		0.19	0.060	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
Hexachlorocyclopentadiene	<0.77		0.77	0.22	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1
Hexachloroethane	<0.19		0.19	0.058	mg/Kg	☼	07/21/23 07:29	07/24/23 13:10	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

Client Sample ID: ROW-4(13-20)-071923

Lab Sample ID: 500-236922-15

Date Collected: 07/19/23 13:35

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 87.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.038		0.038	0.0098	mg/Kg	✳	07/21/23 07:29	07/24/23 13:10	1
Isophorone	<0.19		0.19	0.043	mg/Kg	✳	07/21/23 07:29	07/24/23 13:10	1
Naphthalene	<0.038		0.038	0.0058	mg/Kg	✳	07/21/23 07:29	07/24/23 13:10	1
Nitrobenzene	<0.038		0.038	0.0095	mg/Kg	✳	07/21/23 07:29	07/24/23 13:10	1
N-Nitrosodi-n-propylamine	<0.077		0.077	0.046	mg/Kg	✳	07/21/23 07:29	07/24/23 13:10	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	✳	07/21/23 07:29	07/24/23 13:10	1
Pentachlorophenol	<0.77		0.77	0.61	mg/Kg	✳	07/21/23 07:29	07/24/23 13:10	1
Phenanthrene	0.044		0.038	0.0053	mg/Kg	✳	07/21/23 07:29	07/24/23 13:10	1
Phenol	<0.19		0.19	0.084	mg/Kg	✳	07/21/23 07:29	07/24/23 13:10	1
Pyrene	<0.038		0.038	0.0075	mg/Kg	✳	07/21/23 07:29	07/24/23 13:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	60		31 - 166	07/21/23 07:29	07/24/23 13:10	1
Phenol-d5 (Surr)	66		30 - 153	07/21/23 07:29	07/24/23 13:10	1
Nitrobenzene-d5 (Surr)	56		37 - 147	07/21/23 07:29	07/24/23 13:10	1
2-Fluorobiphenyl (Surr)	66		43 - 145	07/21/23 07:29	07/24/23 13:10	1
2,4,6-Tribromophenol (Surr)	46		31 - 143	07/21/23 07:29	07/24/23 13:10	1
Terphenyl-d14 (Surr)	74		42 - 157	07/21/23 07:29	07/24/23 13:10	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8900		20	8.0	mg/Kg	✳	07/21/23 15:18	07/25/23 00:39	1
Antimony	0.68	J	2.0	0.38	mg/Kg	✳	07/21/23 15:18	07/25/23 00:39	1
Arsenic	8.5		0.98	0.34	mg/Kg	✳	07/21/23 15:18	07/25/23 00:39	1
Barium	34		0.98	0.11	mg/Kg	✳	07/21/23 15:18	07/25/23 00:39	1
Beryllium	0.73		0.39	0.092	mg/Kg	✳	07/21/23 15:18	07/25/23 00:39	1
Cadmium	0.17	J B	0.20	0.035	mg/Kg	✳	07/21/23 15:18	07/25/23 00:39	1
Calcium	69000	B	98	17	mg/Kg	✳	07/21/23 15:18	07/25/23 14:04	5
Chromium	15		0.98	0.49	mg/Kg	✳	07/21/23 15:18	07/25/23 00:39	1
Cobalt	13		0.49	0.13	mg/Kg	✳	07/21/23 15:18	07/25/23 00:39	1
Copper	26		0.98	0.27	mg/Kg	✳	07/21/23 15:18	07/25/23 00:39	1
Iron	19000		20	10	mg/Kg	✳	07/21/23 15:18	07/25/23 00:39	1
Lead	14		0.49	0.23	mg/Kg	✳	07/21/23 15:18	07/25/23 00:39	1
Magnesium	35000	B	9.8	4.9	mg/Kg	✳	07/21/23 15:18	07/25/23 00:39	1
Manganese	420	B	0.98	0.14	mg/Kg	✳	07/21/23 15:18	07/25/23 00:39	1
Nickel	31		0.98	0.29	mg/Kg	✳	07/21/23 15:18	07/25/23 00:39	1
Potassium	2500		49	17	mg/Kg	✳	07/21/23 15:18	07/25/23 00:39	1
Selenium	<0.98		0.98	0.58	mg/Kg	✳	07/21/23 15:18	07/25/23 00:39	1
Silver	<0.49		0.49	0.13	mg/Kg	✳	07/21/23 15:18	07/25/23 00:39	1
Sodium	190		98	15	mg/Kg	✳	07/21/23 15:18	07/25/23 00:39	1
Thallium	<0.98		0.98	0.49	mg/Kg	✳	07/21/23 15:18	07/25/23 00:39	1
Vanadium	17		0.49	0.12	mg/Kg	✳	07/21/23 15:18	07/25/23 00:39	1
Zinc	49		2.0	0.86	mg/Kg	✳	07/21/23 15:18	07/25/23 00:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.012	J	0.050	0.010	mg/L		07/24/23 16:07	07/25/23 15:35	1
Barium	0.63		0.50	0.050	mg/L		07/24/23 16:07	07/25/23 15:35	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/24/23 16:07	07/25/23 15:35	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/24/23 16:07	07/25/23 15:35	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

Client Sample ID: ROW-4(13-20)-071923

Lab Sample ID: 500-236922-15

Date Collected: 07/19/23 13:35

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 87.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 15:35	1
Cobalt	0.024	J	0.025	0.010	mg/L		07/24/23 16:07	07/25/23 15:35	1
Copper	0.011	J	0.025	0.010	mg/L		07/24/23 16:07	07/25/23 15:35	1
Iron	<0.40		0.40	0.20	mg/L		07/24/23 16:07	07/25/23 15:35	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/24/23 16:07	07/25/23 15:35	1
Manganese	2.3		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 15:35	1
Nickel	0.051		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 15:35	1
Selenium	<0.050		0.050	0.020	mg/L		07/24/23 16:07	07/25/23 15:35	1
Silver	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 15:35	1
Zinc	<0.50		0.50	0.020	mg/L		07/24/23 16:07	07/25/23 15:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/24/23 16:08	07/26/23 00:49	1
Barium	<0.50		0.50	0.050	mg/L		07/24/23 16:08	07/26/23 00:49	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/24/23 16:08	07/26/23 00:49	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/24/23 16:08	07/26/23 00:49	1
Chromium	<0.025		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:49	1
Cobalt	<0.025		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:49	1
Copper	<0.025		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:49	1
Iron	1.2		0.40	0.20	mg/L		07/24/23 16:08	07/26/23 00:49	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/24/23 16:08	07/26/23 00:49	1
Manganese	0.033		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:49	1
Nickel	<0.025		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:49	1
Selenium	<0.050		0.050	0.020	mg/L		07/24/23 16:08	07/26/23 00:49	1
Silver	<0.025		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:49	1
Zinc	<0.50		0.50	0.020	mg/L		07/24/23 16:08	07/26/23 00:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/25/23 10:20	07/26/23 09:06	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.021		0.018	0.0097	mg/Kg	☆	07/28/23 17:10	07/31/23 12:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.6		0.2	0.2	SU			07/24/23 20:44	1

Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

Metals

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

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Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

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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Address _____



Chain of Custody Record

667771



Environment Testing
America

500-236922 COC

Regulatory Program: DW NPDES RCRA Other

TAL-8210

Client Contact		Project Manager: Aslesers		Site Contact: C. Davids		Date: 07/19/2023		COC No: 667771		
Company Name: Weston Solutions, Inc.		Tel/Email:		Lab Contact: J. Knapp		Carrier:		1 of 3 COCs		
Address: 300 Knightsbridge Drwy		Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____ <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Filtered Sample (Y/N) Perform MS/MSD (Y/N) VOCs SVOCs TOXIC METALS TCO/SP/ METALS PH		Sampler: For Lab Use Only. Walk-in Client: <input type="checkbox"/> Lab Sampling: <input type="checkbox"/>		Job / SDG No: 056 500-236922		
City/State/Zip: Lincolnshire, IL 60069										Sample Identification
Phone:		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.				
Fax:		1 RB5-4 (0-6.5)-071923		G	S	6	XXX XX			
Project Name: 056 1L-68		2 RB5-4 (6.5-13)-071923								
Site:		3 RB5-4 (13-20)-071923								
P O #:		4 ROW-1 (0-6.5)-071923								
		5 ROW-1 (6.5-13)-071923								
		6 ROW-1 (13-20)-071923								
		7 ROW-2 (0-6.5)-071923								
		8 ROW-2 (6.5-13)-071923								
		9 ROW-2 (13-20)-071923								
		10 ROW-3 (0-6.5)-071923								
		11 ROW-3 (6.5-13)-071923								
		12 ROW-3 (13-20)-071923								
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other										
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)					
<input type="checkbox"/> Non Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown					<input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months					
Special Instructions/QC Requirements & Comments.										
Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No										
Custody Seal No		Cooler Temp (°C) Obs'd		Corr'd		Therm ID No				
Relinquished by: [Signature]		Company: Weston		Date/Time: 07/19/23 1317		Received by: [Signature]		Company: EETA		Date/Time: 7/20/23 1100
Relinquished by: [Signature]		Company: EETA 7/20		Date/Time: 1330		Received by:		Company:		Date/Time:
Relinquished by:		Company:		Date/Time:		Received in Laboratory by: Stephanie Hammond		Company: EETA		Date/Time: 7/20/23 1330

Chain of Custody Record

667771



Environment Testing
America

Regulatory Program: DW NPDES RCRA Other:

TAL-8210

Address _____

Client Contact		Project Manager: / JESPER		Site Contact C D JCS		Date: / /		COC No	
Company Name: <u>WESTER SOLUTIONS, INC</u>		Tel/Email:		Lab Contact:		Carrier:		COC No of <u>3</u> COCs	
Address: <u>20 K... ..</u>		Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Filtered Sample (Y/N) Perform MS/MSD (Y/N)				For Lab Use Only: Walk-in Client: <input type="checkbox"/> Lab Sampling: <input type="checkbox"/> Job / SDG No: <u>CSG</u> <u>EDU-236999</u>	
City/State/Zip: <u>...</u>									
Phone:									
Fax:									
Project Name: <u>...</u>									
Site:									
P O #:									
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Sample Specific Notes		
KRE - 1 (LS) 71923		11		C		6	x x x x x		
KRE 2 (LS) 71923			115						
KRE 4 (11 0) 71923			120						
KRE 1 (1 2) 71923			1150						
KRE 1 (1 1) 71923			115						
KRE 1 (1 5) 71923			700						
KOW-2 (1 6S) 71923			1200						
KOW-2 (1 6S) 71923			125						
KOW-2 (13 20) 71923			220						
KOW 3 (1 5) 71923			230						
KOW-2 (1 5 15) 71923			125						
KOW 3 (13-20) 71923			1300						
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other									
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months				
Special Instructions/QC Requirements & Comments.									
Custody Seals Intact. <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temp (°C) Obs'd		Corr'd		Therm ID No	
Relinquished by: <u>[Signature]</u>		Company: <u>WESTER</u>		Date/Time: <u>11/17</u>		Received by: <u>[Signature]</u>		Company: <u>EETA</u>	
Relinquished by: <u>[Signature]</u>		Company: <u>EETA</u>		Date/Time: <u>7/20</u>		Received by:		Company:	
Relinquished by:		Company:		Date/Time:		Received in Laboratory by: <u>Stephanie Hernandez</u>		Company: <u>EETA</u>	



Chain of Custody Record

667772



Environment Testing America

Address _____

Regulatory Program: DW NPDES RCRA Other

TAL-8210

Client Contact		Project Manager: A. Siesers		Site Contact: C. Davids		Date: 07/19/2023		COC No 667772	
Company Name Weston Solutions Inc		Tel/Email:		Lab Contact: J. Knapp		Carrier:		2 of 3 COCs	
Address 300 Knig N Bridge Pkwy		Analysis Turnaround Time							
City/State/Zip Lincolnshire, IL 60069		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below: _____ <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 _____ Total Metals _____ HPLC (SPLP Metals) _____ PH _____							
Fax									
Project Name 056 IL-68									
Site									
P O #		For Lab Use Only: Walk-in Client: _____ Lab Sampling: _____ Job / SDG No 056 500-236977							
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Sample Specific Notes		
13 Row-4 (0-6.5)-071923		07/19/23	1325	G	S	6			
14 Row-4 (6.5-13)-071923			1330						
15 Row-4 (13-20)-071923			1335						
16 Row-5 (0-6.5)-071923			1350						
17 Row-5 (6.5-13)-071923			1355						
18 Row-5 (13-20)-071923			1400						
Row-6 (0-6.5)-071923			1420						
Row-6 (6.5-13)-071923			1425						
Row-7 (0-6.5)-071923			1505						
Row-7 (6.5-13)-071923			1510						
Row-7 (13-20)-071923			1515						
Row-6 (0-6.5)-071923			1420						
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other									
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months				
Special Instructions/QC Requirements & Comments:									
Custody Seals Intact. <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temp (°C) Obs'd		Corr'd		Therm ID No	
Relinquished by		Company Weston		Date/Time 07/19/23 1325		Received by		Company EETA	
Relinquished by		Company EETA		Date/Time 7/20 1330		Received by		Date/Time	
Relinquished by		Company		Date/Time		Received in Laboratory by Stephanie Hamand		Company EETA	
								Date/Time 7/20/23 1330	

 **ANALYTICAL REPORT****PREPARED FOR**

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

Generated 7/31/2023 9:48:31 PM

JOB DESCRIPTION

IDOT - FAP 342 IL 53 - WO 056

JOB NUMBER

500-236926-1

Eurofins Chicago

Job Notes

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

Authorization



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7/31/2023 9:48:31 PM

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

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236926-1

Client Sample ID: ROW-6(0-6.5)-071923

Lab Sample ID: 500-236926-1

Date Collected: 07/19/23 14:20

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 82.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0076	mg/Kg	☼	07/20/23 18:51	07/25/23 01:45	1
Benzene	<0.0017		0.0017	0.00044	mg/Kg	☼	07/20/23 18:51	07/25/23 01:45	1
Bromodichloromethane	<0.0017		0.0017	0.00035	mg/Kg	☼	07/20/23 18:51	07/25/23 01:45	1
Bromoform	<0.0017		0.0017	0.00051	mg/Kg	☼	07/20/23 18:51	07/25/23 01:45	1
Bromomethane	<0.0043		0.0043	0.0016	mg/Kg	☼	07/20/23 18:51	07/25/23 01:45	1
Carbon disulfide	<0.0043		0.0043	0.00090	mg/Kg	☼	07/20/23 18:51	07/25/23 01:45	1
Carbon tetrachloride	<0.0017		0.0017	0.00050	mg/Kg	☼	07/20/23 18:51	07/25/23 01:45	1
Chlorobenzene	<0.0017		0.0017	0.00064	mg/Kg	☼	07/20/23 18:51	07/25/23 01:45	1
Chloroethane	<0.0043	+	0.0043	0.0013	mg/Kg	☼	07/20/23 18:51	07/25/23 01:45	1
Chloroform	<0.0017		0.0017	0.00060	mg/Kg	☼	07/20/23 18:51	07/25/23 01:45	1
Chloromethane	<0.0043	+	0.0043	0.0017	mg/Kg	☼	07/20/23 18:51	07/25/23 01:45	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00048	mg/Kg	☼	07/20/23 18:51	07/25/23 01:45	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00052	mg/Kg	☼	07/20/23 18:51	07/25/23 01:45	1
Dibromochloromethane	<0.0017		0.0017	0.00057	mg/Kg	☼	07/20/23 18:51	07/25/23 01:45	1
1,1-Dichloroethane	<0.0017		0.0017	0.00059	mg/Kg	☼	07/20/23 18:51	07/25/23 01:45	1
1,2-Dichloroethane	<0.0043		0.0043	0.0014	mg/Kg	☼	07/20/23 18:51	07/25/23 01:45	1
1,1-Dichloroethene	<0.0017	+	0.0017	0.00060	mg/Kg	☼	07/20/23 18:51	07/25/23 01:45	1
1,2-Dichloropropane	<0.0017		0.0017	0.00045	mg/Kg	☼	07/20/23 18:51	07/25/23 01:45	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00061	mg/Kg	☼	07/20/23 18:51	07/25/23 01:45	1
Ethylbenzene	<0.0017		0.0017	0.00083	mg/Kg	☼	07/20/23 18:51	07/25/23 01:45	1
2-Hexanone	<0.0043		0.0043	0.0014	mg/Kg	☼	07/20/23 18:51	07/25/23 01:45	1
Methylene Chloride	<0.0043		0.0043	0.0017	mg/Kg	☼	07/20/23 18:51	07/25/23 01:45	1
Methyl Ethyl Ketone	<0.0043		0.0043	0.0019	mg/Kg	☼	07/20/23 18:51	07/25/23 01:45	1
methyl isobutyl ketone	<0.0043		0.0043	0.0013	mg/Kg	☼	07/20/23 18:51	07/25/23 01:45	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00051	mg/Kg	☼	07/20/23 18:51	07/25/23 01:45	1
Styrene	<0.0017		0.0017	0.00052	mg/Kg	☼	07/20/23 18:51	07/25/23 01:45	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00055	mg/Kg	☼	07/20/23 18:51	07/25/23 01:45	1
Tetrachloroethene	<0.0017		0.0017	0.00059	mg/Kg	☼	07/20/23 18:51	07/25/23 01:45	1
Toluene	<0.0017		0.0017	0.00044	mg/Kg	☼	07/20/23 18:51	07/25/23 01:45	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00077	mg/Kg	☼	07/20/23 18:51	07/25/23 01:45	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00061	mg/Kg	☼	07/20/23 18:51	07/25/23 01:45	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00058	mg/Kg	☼	07/20/23 18:51	07/25/23 01:45	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00074	mg/Kg	☼	07/20/23 18:51	07/25/23 01:45	1
Trichloroethene	<0.0017		0.0017	0.00059	mg/Kg	☼	07/20/23 18:51	07/25/23 01:45	1
Vinyl chloride	<0.0017	+	0.0017	0.00077	mg/Kg	☼	07/20/23 18:51	07/25/23 01:45	1
Xylenes, Total	<0.0035		0.0035	0.00055	mg/Kg	☼	07/20/23 18:51	07/25/23 01:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		75 - 131	07/20/23 18:51	07/25/23 01:45	1
Dibromofluoromethane (Surr)	105		75 - 126	07/20/23 18:51	07/25/23 01:45	1
1,2-Dichloroethane-d4 (Surr)	109		70 - 134	07/20/23 18:51	07/25/23 01:45	1
Toluene-d8 (Surr)	94		75 - 124	07/20/23 18:51	07/25/23 01:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	07/22/23 12:38	07/25/23 19:16	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	☼	07/22/23 12:38	07/25/23 19:16	1
1,3-Dichlorobenzene	<0.19	F1	0.19	0.043	mg/Kg	☼	07/22/23 12:38	07/25/23 19:16	1
1,4-Dichlorobenzene	<0.19	F1	0.19	0.050	mg/Kg	☼	07/22/23 12:38	07/25/23 19:16	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.045	mg/Kg	☼	07/22/23 12:38	07/25/23 19:16	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236926-1

Client Sample ID: ROW-6(0-6.5)-071923

Lab Sample ID: 500-236926-1

Date Collected: 07/19/23 14:20

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 82.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.088	mg/Kg	✱	07/22/23 12:38	07/25/23 19:16	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	✱	07/22/23 12:38	07/25/23 19:16	1
2,4-Dichlorophenol	<0.38		0.38	0.092	mg/Kg	✱	07/22/23 12:38	07/25/23 19:16	1
2,4-Dimethylphenol	<0.38		0.38	0.15	mg/Kg	✱	07/22/23 12:38	07/25/23 19:16	1
2,4-Dinitrophenol	<0.78		0.78	0.68	mg/Kg	✱	07/22/23 12:38	07/25/23 19:16	1
2,4-Dinitrotoluene	<0.19		0.19	0.061	mg/Kg	✱	07/22/23 12:38	07/25/23 19:16	1
2,6-Dinitrotoluene	<0.19		0.19	0.076	mg/Kg	✱	07/22/23 12:38	07/25/23 19:16	1
2-Chloronaphthalene	<0.19		0.19	0.043	mg/Kg	✱	07/22/23 12:38	07/25/23 19:16	1
2-Chlorophenol	<0.19		0.19	0.066	mg/Kg	✱	07/22/23 12:38	07/25/23 19:16	1
2-Methylnaphthalene	<0.078		0.078	0.0071	mg/Kg	✱	07/22/23 12:38	07/25/23 19:16	1
2-Methylphenol	<0.19		0.19	0.062	mg/Kg	✱	07/22/23 12:38	07/25/23 19:16	1
2-Nitroaniline	<0.19		0.19	0.052	mg/Kg	✱	07/22/23 12:38	07/25/23 19:16	1
2-Nitrophenol	<0.38		0.38	0.091	mg/Kg	✱	07/22/23 12:38	07/25/23 19:16	1
3 & 4 Methylphenol	<0.19		0.19	0.064	mg/Kg	✱	07/22/23 12:38	07/25/23 19:16	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.054	mg/Kg	✱	07/22/23 12:38	07/25/23 19:16	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	✱	07/22/23 12:38	07/25/23 19:16	1
4,6-Dinitro-2-methylphenol	<0.78		0.78	0.31	mg/Kg	✱	07/22/23 12:38	07/25/23 19:16	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.051	mg/Kg	✱	07/22/23 12:38	07/25/23 19:16	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	✱	07/22/23 12:38	07/25/23 19:16	1
4-Chloroaniline	<0.78		0.78	0.18	mg/Kg	✱	07/22/23 12:38	07/25/23 19:16	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	✱	07/22/23 12:38	07/25/23 19:16	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	✱	07/22/23 12:38	07/25/23 19:16	1
4-Nitrophenol	<0.78		0.78	0.37	mg/Kg	✱	07/22/23 12:38	07/25/23 19:16	1
Acenaphthene	<0.038		0.038	0.0069	mg/Kg	✱	07/22/23 12:38	07/25/23 19:16	1
Acenaphthylene	<0.038		0.038	0.0051	mg/Kg	✱	07/22/23 12:38	07/25/23 19:16	1
Anthracene	<0.038		0.038	0.0065	mg/Kg	✱	07/22/23 12:38	07/25/23 19:16	1
Benzo[a]anthracene	<0.038		0.038	0.0052	mg/Kg	✱	07/22/23 12:38	07/25/23 19:16	1
Benzo[a]pyrene	<0.038		0.038	0.0075	mg/Kg	✱	07/22/23 12:38	07/25/23 19:16	1
Benzo[b]fluoranthene	<0.038		0.038	0.0083	mg/Kg	✱	07/22/23 12:38	07/25/23 19:16	1
Benzo[g,h,i]perylene	<0.038		0.038	0.012	mg/Kg	✱	07/22/23 12:38	07/25/23 19:16	1
Benzo[k]fluoranthene	<0.038		0.038	0.011	mg/Kg	✱	07/22/23 12:38	07/25/23 19:16	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	✱	07/22/23 12:38	07/25/23 19:16	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.058	mg/Kg	✱	07/22/23 12:38	07/25/23 19:16	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.071	mg/Kg	✱	07/22/23 12:38	07/25/23 19:16	1
Butyl benzyl phthalate	<0.19		0.19	0.073	mg/Kg	✱	07/22/23 12:38	07/25/23 19:16	1
Carbazole	<0.19		0.19	0.097	mg/Kg	✱	07/22/23 12:38	07/25/23 19:16	1
Chrysene	<0.038		0.038	0.011	mg/Kg	✱	07/22/23 12:38	07/25/23 19:16	1
Dibenz(a,h)anthracene	<0.038		0.038	0.0075	mg/Kg	✱	07/22/23 12:38	07/25/23 19:16	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	✱	07/22/23 12:38	07/25/23 19:16	1
Diethyl phthalate	<0.19		0.19	0.065	mg/Kg	✱	07/22/23 12:38	07/25/23 19:16	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	✱	07/22/23 12:38	07/25/23 19:16	1
Di-n-butyl phthalate	<0.19		0.19	0.059	mg/Kg	✱	07/22/23 12:38	07/25/23 19:16	1
Di-n-octyl phthalate	<0.19		0.19	0.063	mg/Kg	✱	07/22/23 12:38	07/25/23 19:16	1
Fluoranthene	<0.038		0.038	0.0072	mg/Kg	✱	07/22/23 12:38	07/25/23 19:16	1
Fluorene	<0.038		0.038	0.0054	mg/Kg	✱	07/22/23 12:38	07/25/23 19:16	1
Hexachlorobenzene	<0.078		0.078	0.0090	mg/Kg	✱	07/22/23 12:38	07/25/23 19:16	1
Hexachlorobutadiene	<0.19		0.19	0.061	mg/Kg	✱	07/22/23 12:38	07/25/23 19:16	1
Hexachlorocyclopentadiene	<0.78	F1	0.78	0.22	mg/Kg	✱	07/22/23 12:38	07/25/23 19:16	1
Hexachloroethane	<0.19		0.19	0.059	mg/Kg	✱	07/22/23 12:38	07/25/23 19:16	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236926-1

Client Sample ID: ROW-6(0-6.5)-071923

Lab Sample ID: 500-236926-1

Date Collected: 07/19/23 14:20

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 82.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.038		0.038	0.010	mg/Kg	✳	07/22/23 12:38	07/25/23 19:16	1
Isophorone	<0.19		0.19	0.043	mg/Kg	✳	07/22/23 12:38	07/25/23 19:16	1
Naphthalene	<0.038		0.038	0.0059	mg/Kg	✳	07/22/23 12:38	07/25/23 19:16	1
Nitrobenzene	<0.038		0.038	0.0096	mg/Kg	✳	07/22/23 12:38	07/25/23 19:16	1
N-Nitrosodi-n-propylamine	<0.078		0.078	0.047	mg/Kg	✳	07/22/23 12:38	07/25/23 19:16	1
N-Nitrosodiphenylamine	<0.19		0.19	0.046	mg/Kg	✳	07/22/23 12:38	07/25/23 19:16	1
Pentachlorophenol	<0.78		0.78	0.62	mg/Kg	✳	07/22/23 12:38	07/25/23 19:16	1
Phenanthrene	<0.038		0.038	0.0054	mg/Kg	✳	07/22/23 12:38	07/25/23 19:16	1
Phenol	<0.19		0.19	0.086	mg/Kg	✳	07/22/23 12:38	07/25/23 19:16	1
Pyrene	<0.038		0.038	0.0077	mg/Kg	✳	07/22/23 12:38	07/25/23 19:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	70		31 - 166	07/22/23 12:38	07/25/23 19:16	1
Phenol-d5 (Surr)	71		30 - 153	07/22/23 12:38	07/25/23 19:16	1
Nitrobenzene-d5 (Surr)	65		37 - 147	07/22/23 12:38	07/25/23 19:16	1
2-Fluorobiphenyl (Surr)	68		43 - 145	07/22/23 12:38	07/25/23 19:16	1
2,4,6-Tribromophenol (Surr)	63		31 - 143	07/22/23 12:38	07/25/23 19:16	1
Terphenyl-d14 (Surr)	77		42 - 157	07/22/23 12:38	07/25/23 19:16	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	14000		22	9.0	mg/Kg	✳	07/24/23 15:00	07/25/23 17:19	1
Antimony	0.55	J	2.2	0.43	mg/Kg	✳	07/24/23 15:00	07/25/23 17:19	1
Arsenic	5.7		1.1	0.38	mg/Kg	✳	07/24/23 15:00	07/25/23 17:19	1
Barium	86	B	1.1	0.13	mg/Kg	✳	07/24/23 15:00	07/25/23 17:19	1
Beryllium	1.0		0.44	0.10	mg/Kg	✳	07/24/23 15:00	07/25/23 17:19	1
Cadmium	0.22	B	0.22	0.040	mg/Kg	✳	07/24/23 15:00	07/25/23 17:19	1
Calcium	5900	B	12	2.0	mg/Kg	✳	07/26/23 15:09	07/27/23 14:52	1
Chromium	19		1.1	0.55	mg/Kg	✳	07/24/23 15:00	07/25/23 17:19	1
Cobalt	12		0.55	0.14	mg/Kg	✳	07/24/23 15:00	07/25/23 17:19	1
Copper	25		1.1	0.31	mg/Kg	✳	07/24/23 15:00	07/25/23 17:19	1
Iron	19000		12	6.2	mg/Kg	✳	07/26/23 15:09	07/27/23 14:52	1
Lead	16		0.30	0.14	mg/Kg	✳	07/26/23 15:09	07/27/23 14:52	1
Magnesium	3900		11	5.5	mg/Kg	✳	07/24/23 15:00	07/25/23 17:19	1
Manganese	410		0.60	0.086	mg/Kg	✳	07/26/23 15:09	07/27/23 14:52	1
Nickel	28		0.60	0.17	mg/Kg	✳	07/26/23 15:09	07/27/23 14:52	1
Potassium	1200		55	20	mg/Kg	✳	07/24/23 15:00	07/25/23 17:19	1
Selenium	<1.1		1.1	0.65	mg/Kg	✳	07/24/23 15:00	07/25/23 17:19	1
Silver	0.50	J	0.55	0.14	mg/Kg	✳	07/24/23 15:00	07/25/23 17:19	1
Sodium	1700		110	16	mg/Kg	✳	07/24/23 15:00	07/25/23 17:19	1
Thallium	<1.1		1.1	0.55	mg/Kg	✳	07/24/23 15:00	07/25/23 17:19	1
Vanadium	27		0.55	0.13	mg/Kg	✳	07/24/23 15:00	07/25/23 17:19	1
Zinc	69		1.2	0.52	mg/Kg	✳	07/26/23 15:09	07/27/23 14:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/24/23 16:06	07/25/23 17:50	1
Barium	0.36	J	0.50	0.050	mg/L		07/24/23 16:06	07/25/23 17:50	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/24/23 16:06	07/25/23 17:50	1
Cadmium	0.0030	J	0.0050	0.0020	mg/L		07/24/23 16:06	07/25/23 17:50	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236926-1

Client Sample ID: ROW-6(0-6.5)-071923

Lab Sample ID: 500-236926-1

Date Collected: 07/19/23 14:20

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 82.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 17:50	1
Cobalt	0.042		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 17:50	1
Copper	<0.025		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 17:50	1
Iron	<0.40		0.40	0.20	mg/L		07/24/23 16:06	07/25/23 17:50	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/24/23 16:06	07/25/23 17:50	1
Manganese	6.5		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 17:50	1
Nickel	0.059		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 17:50	1
Selenium	<0.050		0.050	0.020	mg/L		07/24/23 16:06	07/25/23 17:50	1
Silver	<0.025		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 17:50	1
Zinc	0.026	J	0.50	0.020	mg/L		07/24/23 16:06	07/25/23 17:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.080		0.050	0.010	mg/L		07/24/23 16:07	07/26/23 01:29	1
Barium	0.46	J	0.50	0.050	mg/L		07/24/23 16:07	07/26/23 01:29	1
Beryllium	0.0090		0.0040	0.0040	mg/L		07/24/23 16:07	07/26/23 01:29	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/24/23 16:07	07/26/23 01:29	1
Chromium	0.17		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:29	1
Cobalt	0.056		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:29	1
Copper	0.20		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:29	1
Iron	190		0.40	0.20	mg/L		07/24/23 16:07	07/26/23 01:29	1
Lead	0.082		0.0075	0.0075	mg/L		07/24/23 16:07	07/26/23 01:29	1
Manganese	0.70		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:29	1
Nickel	0.20		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:29	1
Selenium	<0.050		0.050	0.020	mg/L		07/24/23 16:07	07/26/23 01:29	1
Silver	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:29	1
Zinc	0.67		0.50	0.020	mg/L		07/24/23 16:07	07/26/23 01:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/28/23 12:30	07/31/23 11:22	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.041		0.020	0.010	mg/Kg	☆	07/27/23 16:55	07/28/23 09:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.9		0.2	0.2	SU			07/24/23 20:53	1

Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236926-1

Client Sample ID: ROW-6(6.5-13)-071923

Lab Sample ID: 500-236926-2

Date Collected: 07/19/23 14:25

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 85.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0074	mg/Kg	☼	07/20/23 18:51	07/25/23 02:11	1
Benzene	<0.0017		0.0017	0.00043	mg/Kg	☼	07/20/23 18:51	07/25/23 02:11	1
Bromodichloromethane	<0.0017		0.0017	0.00035	mg/Kg	☼	07/20/23 18:51	07/25/23 02:11	1
Bromoform	<0.0017		0.0017	0.00050	mg/Kg	☼	07/20/23 18:51	07/25/23 02:11	1
Bromomethane	<0.0043		0.0043	0.0016	mg/Kg	☼	07/20/23 18:51	07/25/23 02:11	1
Carbon disulfide	<0.0043		0.0043	0.00089	mg/Kg	☼	07/20/23 18:51	07/25/23 02:11	1
Carbon tetrachloride	<0.0017		0.0017	0.00049	mg/Kg	☼	07/20/23 18:51	07/25/23 02:11	1
Chlorobenzene	<0.0017		0.0017	0.00063	mg/Kg	☼	07/20/23 18:51	07/25/23 02:11	1
Chloroethane	<0.0043	+	0.0043	0.0013	mg/Kg	☼	07/20/23 18:51	07/25/23 02:11	1
Chloroform	<0.0017		0.0017	0.00059	mg/Kg	☼	07/20/23 18:51	07/25/23 02:11	1
Chloromethane	<0.0043	+	0.0043	0.0017	mg/Kg	☼	07/20/23 18:51	07/25/23 02:11	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00048	mg/Kg	☼	07/20/23 18:51	07/25/23 02:11	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00051	mg/Kg	☼	07/20/23 18:51	07/25/23 02:11	1
Dibromochloromethane	<0.0017		0.0017	0.00056	mg/Kg	☼	07/20/23 18:51	07/25/23 02:11	1
1,1-Dichloroethane	<0.0017		0.0017	0.00058	mg/Kg	☼	07/20/23 18:51	07/25/23 02:11	1
1,2-Dichloroethane	<0.0043		0.0043	0.0013	mg/Kg	☼	07/20/23 18:51	07/25/23 02:11	1
1,1-Dichloroethene	<0.0017	+	0.0017	0.00059	mg/Kg	☼	07/20/23 18:51	07/25/23 02:11	1
1,2-Dichloropropane	<0.0017		0.0017	0.00044	mg/Kg	☼	07/20/23 18:51	07/25/23 02:11	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00060	mg/Kg	☼	07/20/23 18:51	07/25/23 02:11	1
Ethylbenzene	<0.0017		0.0017	0.00082	mg/Kg	☼	07/20/23 18:51	07/25/23 02:11	1
2-Hexanone	<0.0043		0.0043	0.0013	mg/Kg	☼	07/20/23 18:51	07/25/23 02:11	1
Methylene Chloride	<0.0043		0.0043	0.0017	mg/Kg	☼	07/20/23 18:51	07/25/23 02:11	1
Methyl Ethyl Ketone	<0.0043		0.0043	0.0019	mg/Kg	☼	07/20/23 18:51	07/25/23 02:11	1
methyl isobutyl ketone	<0.0043		0.0043	0.0013	mg/Kg	☼	07/20/23 18:51	07/25/23 02:11	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00050	mg/Kg	☼	07/20/23 18:51	07/25/23 02:11	1
Styrene	<0.0017		0.0017	0.00051	mg/Kg	☼	07/20/23 18:51	07/25/23 02:11	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00054	mg/Kg	☼	07/20/23 18:51	07/25/23 02:11	1
Tetrachloroethene	<0.0017		0.0017	0.00058	mg/Kg	☼	07/20/23 18:51	07/25/23 02:11	1
Toluene	<0.0017		0.0017	0.00043	mg/Kg	☼	07/20/23 18:51	07/25/23 02:11	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00076	mg/Kg	☼	07/20/23 18:51	07/25/23 02:11	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00060	mg/Kg	☼	07/20/23 18:51	07/25/23 02:11	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00057	mg/Kg	☼	07/20/23 18:51	07/25/23 02:11	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00073	mg/Kg	☼	07/20/23 18:51	07/25/23 02:11	1
Trichloroethene	<0.0017		0.0017	0.00058	mg/Kg	☼	07/20/23 18:51	07/25/23 02:11	1
Vinyl chloride	<0.0017	+	0.0017	0.00075	mg/Kg	☼	07/20/23 18:51	07/25/23 02:11	1
Xylenes, Total	<0.0034		0.0034	0.00055	mg/Kg	☼	07/20/23 18:51	07/25/23 02:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		75 - 131	07/20/23 18:51	07/25/23 02:11	1
Dibromofluoromethane (Surr)	109		75 - 126	07/20/23 18:51	07/25/23 02:11	1
1,2-Dichloroethane-d4 (Surr)	106		70 - 134	07/20/23 18:51	07/25/23 02:11	1
Toluene-d8 (Surr)	94		75 - 124	07/20/23 18:51	07/25/23 02:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	☼	07/22/23 12:38	07/25/23 20:53	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	☼	07/22/23 12:38	07/25/23 20:53	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	☼	07/22/23 12:38	07/25/23 20:53	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	☼	07/22/23 12:38	07/25/23 20:53	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	☼	07/22/23 12:38	07/25/23 20:53	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236926-1

Client Sample ID: ROW-6(6.5-13)-071923

Lab Sample ID: 500-236926-2

Date Collected: 07/19/23 14:25

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 85.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.087	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
2,4-Dichlorophenol	<0.38		0.38	0.090	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
2,4-Dimethylphenol	<0.38		0.38	0.14	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
2,4-Dinitrophenol	<0.76		0.76	0.67	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
2,4-Dinitrotoluene	<0.19		0.19	0.060	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
2,6-Dinitrotoluene	<0.19		0.19	0.075	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
2-Chlorophenol	<0.19		0.19	0.065	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
2-Methylnaphthalene	<0.076		0.076	0.0070	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
2-Methylphenol	<0.19		0.19	0.061	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
2-Nitrophenol	<0.38		0.38	0.090	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
3 & 4 Methylphenol	<0.19		0.19	0.063	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.053	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.30	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
4-Chloroaniline	<0.76		0.76	0.18	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
4-Nitrophenol	<0.76		0.76	0.36	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
Acenaphthene	<0.038		0.038	0.0068	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
Acenaphthylene	<0.038		0.038	0.0050	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
Anthracene	<0.038		0.038	0.0063	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
Benzo[a]anthracene	<0.038		0.038	0.0051	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
Benzo[a]pyrene	<0.038		0.038	0.0073	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
Benzo[b]fluoranthene	<0.038		0.038	0.0082	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
Benzo[g,h,i]perylene	<0.038		0.038	0.012	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
Benzo[k]fluoranthene	<0.038		0.038	0.011	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.057	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.069	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
Butyl benzyl phthalate	<0.19		0.19	0.072	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
Carbazole	<0.19		0.19	0.095	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
Chrysene	<0.038		0.038	0.010	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
Dibenz(a,h)anthracene	<0.038		0.038	0.0073	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
Diethyl phthalate	<0.19		0.19	0.064	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
Di-n-butyl phthalate	<0.19		0.19	0.058	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
Di-n-octyl phthalate	<0.19		0.19	0.062	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
Fluoranthene	<0.038		0.038	0.0070	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
Fluorene	<0.038		0.038	0.0053	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
Hexachlorobenzene	<0.076		0.076	0.0088	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
Hexachlorobutadiene	<0.19		0.19	0.060	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
Hexachlorocyclopentadiene	<0.76		0.76	0.22	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
Hexachloroethane	<0.19		0.19	0.058	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236926-1

Client Sample ID: ROW-6(6.5-13)-071923

Lab Sample ID: 500-236926-2

Date Collected: 07/19/23 14:25

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 85.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.038		0.038	0.0098	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
Isophorone	<0.19		0.19	0.043	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
Naphthalene	<0.038		0.038	0.0058	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
Nitrobenzene	<0.038		0.038	0.0095	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.046	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
Pentachlorophenol	<0.76		0.76	0.61	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
Phenanthrene	<0.038		0.038	0.0053	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
Phenol	<0.19		0.19	0.084	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1
Pyrene	<0.038		0.038	0.0075	mg/Kg	✳	07/22/23 12:38	07/25/23 20:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	64		31 - 166	07/22/23 12:38	07/25/23 20:53	1
Phenol-d5 (Surr)	66		30 - 153	07/22/23 12:38	07/25/23 20:53	1
Nitrobenzene-d5 (Surr)	60		37 - 147	07/22/23 12:38	07/25/23 20:53	1
2-Fluorobiphenyl (Surr)	64		43 - 145	07/22/23 12:38	07/25/23 20:53	1
2,4,6-Tribromophenol (Surr)	54		31 - 143	07/22/23 12:38	07/25/23 20:53	1
Terphenyl-d14 (Surr)	66		42 - 157	07/22/23 12:38	07/25/23 20:53	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9400		21	8.7	mg/Kg	✳	07/24/23 15:00	07/25/23 17:22	1
Antimony	0.49	J	2.1	0.41	mg/Kg	✳	07/24/23 15:00	07/25/23 17:22	1
Arsenic	8.3		1.1	0.36	mg/Kg	✳	07/24/23 15:00	07/25/23 17:22	1
Barium	32	B	1.1	0.12	mg/Kg	✳	07/24/23 15:00	07/25/23 17:22	1
Beryllium	0.77		0.43	0.099	mg/Kg	✳	07/24/23 15:00	07/25/23 17:22	1
Cadmium	0.26	B	0.21	0.038	mg/Kg	✳	07/24/23 15:00	07/25/23 17:22	1
Calcium	69000	B	56	9.5	mg/Kg	✳	07/26/23 15:09	07/28/23 20:56	5
Chromium	15		1.1	0.53	mg/Kg	✳	07/24/23 15:00	07/25/23 17:22	1
Cobalt	11		0.53	0.14	mg/Kg	✳	07/24/23 15:00	07/25/23 17:22	1
Copper	26		1.1	0.30	mg/Kg	✳	07/24/23 15:00	07/25/23 17:22	1
Iron	18000		11	5.8	mg/Kg	✳	07/26/23 15:09	07/27/23 14:56	1
Lead	13		0.28	0.13	mg/Kg	✳	07/26/23 15:09	07/27/23 14:56	1
Magnesium	32000		11	5.3	mg/Kg	✳	07/24/23 15:00	07/25/23 17:22	1
Manganese	410		0.56	0.081	mg/Kg	✳	07/26/23 15:09	07/27/23 14:56	1
Nickel	29		0.56	0.16	mg/Kg	✳	07/26/23 15:09	07/27/23 14:56	1
Potassium	2500		53	19	mg/Kg	✳	07/24/23 15:00	07/25/23 17:22	1
Selenium	<1.1		1.1	0.63	mg/Kg	✳	07/24/23 15:00	07/25/23 17:22	1
Silver	0.47	J	0.53	0.14	mg/Kg	✳	07/24/23 15:00	07/25/23 17:22	1
Sodium	540		110	16	mg/Kg	✳	07/24/23 15:00	07/25/23 17:22	1
Thallium	<1.1		1.1	0.53	mg/Kg	✳	07/24/23 15:00	07/25/23 17:22	1
Vanadium	18		0.53	0.13	mg/Kg	✳	07/24/23 15:00	07/25/23 17:22	1
Zinc	53		1.1	0.49	mg/Kg	✳	07/26/23 15:09	07/27/23 14:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/24/23 16:06	07/25/23 17:54	1
Barium	0.40	J	0.50	0.050	mg/L		07/24/23 16:06	07/25/23 17:54	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/24/23 16:06	07/25/23 17:54	1
Cadmium	0.0021	J	0.0050	0.0020	mg/L		07/24/23 16:06	07/25/23 17:54	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236926-1

Client Sample ID: ROW-6(6.5-13)-071923

Lab Sample ID: 500-236926-2

Date Collected: 07/19/23 14:25

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 85.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 17:54	1
Cobalt	0.053		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 17:54	1
Copper	0.12		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 17:54	1
Iron	<0.40		0.40	0.20	mg/L		07/24/23 16:06	07/25/23 17:54	1
Lead	0.0085		0.0075	0.0075	mg/L		07/24/23 16:06	07/25/23 17:54	1
Manganese	4.7		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 17:54	1
Nickel	0.070		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 17:54	1
Selenium	<0.050		0.050	0.020	mg/L		07/24/23 16:06	07/25/23 17:54	1
Silver	<0.025		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 17:54	1
Zinc	0.065 J		0.50	0.020	mg/L		07/24/23 16:06	07/25/23 17:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.026 J		0.050	0.010	mg/L		07/24/23 16:07	07/26/23 01:32	1
Barium	0.13 J		0.50	0.050	mg/L		07/24/23 16:07	07/26/23 01:32	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/24/23 16:07	07/26/23 01:32	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/24/23 16:07	07/26/23 01:32	1
Chromium	0.055		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:32	1
Cobalt	0.022 J		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:32	1
Copper	0.063		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:32	1
Iron	48		0.40	0.20	mg/L		07/24/23 16:07	07/26/23 01:32	1
Lead	0.026		0.0075	0.0075	mg/L		07/24/23 16:07	07/26/23 01:32	1
Manganese	0.30		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:32	1
Nickel	0.064		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:32	1
Selenium	<0.050		0.050	0.020	mg/L		07/24/23 16:07	07/26/23 01:32	1
Silver	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:32	1
Zinc	0.14 J		0.50	0.020	mg/L		07/24/23 16:07	07/26/23 01:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/28/23 12:30	07/31/23 11:24	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.026		0.018	0.0093	mg/Kg	☆	07/27/23 16:55	07/28/23 09:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.3		0.2	0.2	SU			07/24/23 20:56	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236926-1

Client Sample ID: ROW-7(0-6.5)-071923

Lab Sample ID: 500-236926-3

Date Collected: 07/19/23 15:05

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 83.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.020		0.020	0.0087	mg/Kg	☼	07/20/23 18:51	07/25/23 02:37	1
Benzene	<0.0020		0.0020	0.00051	mg/Kg	☼	07/20/23 18:51	07/25/23 02:37	1
Bromodichloromethane	<0.0020		0.0020	0.00041	mg/Kg	☼	07/20/23 18:51	07/25/23 02:37	1
Bromoform	<0.0020		0.0020	0.00059	mg/Kg	☼	07/20/23 18:51	07/25/23 02:37	1
Bromomethane	<0.0050		0.0050	0.0019	mg/Kg	☼	07/20/23 18:51	07/25/23 02:37	1
Carbon disulfide	<0.0050		0.0050	0.0010	mg/Kg	☼	07/20/23 18:51	07/25/23 02:37	1
Carbon tetrachloride	<0.0020		0.0020	0.00058	mg/Kg	☼	07/20/23 18:51	07/25/23 02:37	1
Chlorobenzene	<0.0020		0.0020	0.00074	mg/Kg	☼	07/20/23 18:51	07/25/23 02:37	1
Chloroethane	<0.0050	*+	0.0050	0.0015	mg/Kg	☼	07/20/23 18:51	07/25/23 02:37	1
Chloroform	<0.0020		0.0020	0.00070	mg/Kg	☼	07/20/23 18:51	07/25/23 02:37	1
Chloromethane	<0.0050	*+	0.0050	0.0020	mg/Kg	☼	07/20/23 18:51	07/25/23 02:37	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00056	mg/Kg	☼	07/20/23 18:51	07/25/23 02:37	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00060	mg/Kg	☼	07/20/23 18:51	07/25/23 02:37	1
Dibromochloromethane	<0.0020		0.0020	0.00066	mg/Kg	☼	07/20/23 18:51	07/25/23 02:37	1
1,1-Dichloroethane	<0.0020		0.0020	0.00069	mg/Kg	☼	07/20/23 18:51	07/25/23 02:37	1
1,2-Dichloroethane	<0.0050		0.0050	0.0016	mg/Kg	☼	07/20/23 18:51	07/25/23 02:37	1
1,1-Dichloroethene	<0.0020	*+	0.0020	0.00069	mg/Kg	☼	07/20/23 18:51	07/25/23 02:37	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg	☼	07/20/23 18:51	07/25/23 02:37	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00070	mg/Kg	☼	07/20/23 18:51	07/25/23 02:37	1
Ethylbenzene	<0.0020		0.0020	0.00096	mg/Kg	☼	07/20/23 18:51	07/25/23 02:37	1
2-Hexanone	<0.0050		0.0050	0.0016	mg/Kg	☼	07/20/23 18:51	07/25/23 02:37	1
Methylene Chloride	<0.0050		0.0050	0.0020	mg/Kg	☼	07/20/23 18:51	07/25/23 02:37	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0022	mg/Kg	☼	07/20/23 18:51	07/25/23 02:37	1
methyl isobutyl ketone	<0.0050		0.0050	0.0015	mg/Kg	☼	07/20/23 18:51	07/25/23 02:37	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00059	mg/Kg	☼	07/20/23 18:51	07/25/23 02:37	1
Styrene	<0.0020		0.0020	0.00061	mg/Kg	☼	07/20/23 18:51	07/25/23 02:37	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00064	mg/Kg	☼	07/20/23 18:51	07/25/23 02:37	1
Tetrachloroethene	<0.0020		0.0020	0.00068	mg/Kg	☼	07/20/23 18:51	07/25/23 02:37	1
Toluene	<0.0020		0.0020	0.00051	mg/Kg	☼	07/20/23 18:51	07/25/23 02:37	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00089	mg/Kg	☼	07/20/23 18:51	07/25/23 02:37	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00070	mg/Kg	☼	07/20/23 18:51	07/25/23 02:37	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00067	mg/Kg	☼	07/20/23 18:51	07/25/23 02:37	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00086	mg/Kg	☼	07/20/23 18:51	07/25/23 02:37	1
Trichloroethene	<0.0020		0.0020	0.00068	mg/Kg	☼	07/20/23 18:51	07/25/23 02:37	1
Vinyl chloride	<0.0020	*+	0.0020	0.00089	mg/Kg	☼	07/20/23 18:51	07/25/23 02:37	1
Xylenes, Total	<0.0040		0.0040	0.00064	mg/Kg	☼	07/20/23 18:51	07/25/23 02:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		75 - 131	07/20/23 18:51	07/25/23 02:37	1
Dibromofluoromethane (Surr)	98		75 - 126	07/20/23 18:51	07/25/23 02:37	1
1,2-Dichloroethane-d4 (Surr)	103		70 - 134	07/20/23 18:51	07/25/23 02:37	1
Toluene-d8 (Surr)	101		75 - 124	07/20/23 18:51	07/25/23 02:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	07/22/23 12:38	07/25/23 02:25	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	☼	07/22/23 12:38	07/25/23 02:25	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	☼	07/22/23 12:38	07/25/23 02:25	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	☼	07/22/23 12:38	07/25/23 02:25	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.045	mg/Kg	☼	07/22/23 12:38	07/25/23 02:25	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236926-1

Client Sample ID: ROW-7(0-6.5)-071923

Lab Sample ID: 500-236926-3

Date Collected: 07/19/23 15:05

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 83.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.088	mg/Kg	✱	07/22/23 12:38	07/25/23 02:25	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	✱	07/22/23 12:38	07/25/23 02:25	1
2,4-Dichlorophenol	<0.38		0.38	0.092	mg/Kg	✱	07/22/23 12:38	07/25/23 02:25	1
2,4-Dimethylphenol	<0.38		0.38	0.15	mg/Kg	✱	07/22/23 12:38	07/25/23 02:25	1
2,4-Dinitrophenol	<0.78		0.78	0.68	mg/Kg	✱	07/22/23 12:38	07/25/23 02:25	1
2,4-Dinitrotoluene	<0.19		0.19	0.061	mg/Kg	✱	07/22/23 12:38	07/25/23 02:25	1
2,6-Dinitrotoluene	<0.19		0.19	0.076	mg/Kg	✱	07/22/23 12:38	07/25/23 02:25	1
2-Chloronaphthalene	<0.19		0.19	0.043	mg/Kg	✱	07/22/23 12:38	07/25/23 02:25	1
2-Chlorophenol	<0.19		0.19	0.066	mg/Kg	✱	07/22/23 12:38	07/25/23 02:25	1
2-Methylnaphthalene	<0.078		0.078	0.0071	mg/Kg	✱	07/22/23 12:38	07/25/23 02:25	1
2-Methylphenol	<0.19		0.19	0.062	mg/Kg	✱	07/22/23 12:38	07/25/23 02:25	1
2-Nitroaniline	<0.19		0.19	0.052	mg/Kg	✱	07/22/23 12:38	07/25/23 02:25	1
2-Nitrophenol	<0.38		0.38	0.091	mg/Kg	✱	07/22/23 12:38	07/25/23 02:25	1
3 & 4 Methylphenol	<0.19		0.19	0.064	mg/Kg	✱	07/22/23 12:38	07/25/23 02:25	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.054	mg/Kg	✱	07/22/23 12:38	07/25/23 02:25	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	✱	07/22/23 12:38	07/25/23 02:25	1
4,6-Dinitro-2-methylphenol	<0.78		0.78	0.31	mg/Kg	✱	07/22/23 12:38	07/25/23 02:25	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.051	mg/Kg	✱	07/22/23 12:38	07/25/23 02:25	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	✱	07/22/23 12:38	07/25/23 02:25	1
4-Chloroaniline	<0.78		0.78	0.18	mg/Kg	✱	07/22/23 12:38	07/25/23 02:25	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	✱	07/22/23 12:38	07/25/23 02:25	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	✱	07/22/23 12:38	07/25/23 02:25	1
4-Nitrophenol	<0.78		0.78	0.37	mg/Kg	✱	07/22/23 12:38	07/25/23 02:25	1
Acenaphthene	<0.038		0.038	0.0069	mg/Kg	✱	07/22/23 12:38	07/25/23 02:25	1
Acenaphthylene	<0.038		0.038	0.0051	mg/Kg	✱	07/22/23 12:38	07/25/23 02:25	1
Anthracene	<0.038		0.038	0.0064	mg/Kg	✱	07/22/23 12:38	07/25/23 02:25	1
Benzo[a]anthracene	0.011	J	0.038	0.0052	mg/Kg	✱	07/22/23 12:38	07/25/23 02:25	1
Benzo[a]pyrene	0.022	J	0.038	0.0075	mg/Kg	✱	07/22/23 12:38	07/25/23 02:25	1
Benzo[b]fluoranthene	0.022	J	0.038	0.0083	mg/Kg	✱	07/22/23 12:38	07/25/23 02:25	1
Benzo[g,h,i]perylene	0.022	J	0.038	0.012	mg/Kg	✱	07/22/23 12:38	07/25/23 02:25	1
Benzo[k]fluoranthene	<0.038		0.038	0.011	mg/Kg	✱	07/22/23 12:38	07/25/23 02:25	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	✱	07/22/23 12:38	07/25/23 02:25	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.058	mg/Kg	✱	07/22/23 12:38	07/25/23 02:25	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.071	mg/Kg	✱	07/22/23 12:38	07/25/23 02:25	1
Butyl benzyl phthalate	<0.19		0.19	0.073	mg/Kg	✱	07/22/23 12:38	07/25/23 02:25	1
Carbazole	<0.19		0.19	0.096	mg/Kg	✱	07/22/23 12:38	07/25/23 02:25	1
Chrysene	<0.038		0.038	0.011	mg/Kg	✱	07/22/23 12:38	07/25/23 02:25	1
Dibenz(a,h)anthracene	<0.038		0.038	0.0075	mg/Kg	✱	07/22/23 12:38	07/25/23 02:25	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	✱	07/22/23 12:38	07/25/23 02:25	1
Diethyl phthalate	<0.19		0.19	0.065	mg/Kg	✱	07/22/23 12:38	07/25/23 02:25	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	✱	07/22/23 12:38	07/25/23 02:25	1
Di-n-butyl phthalate	<0.19		0.19	0.059	mg/Kg	✱	07/22/23 12:38	07/25/23 02:25	1
Di-n-octyl phthalate	<0.19		0.19	0.063	mg/Kg	✱	07/22/23 12:38	07/25/23 02:25	1
Fluoranthene	<0.038		0.038	0.0072	mg/Kg	✱	07/22/23 12:38	07/25/23 02:25	1
Fluorene	<0.038		0.038	0.0054	mg/Kg	✱	07/22/23 12:38	07/25/23 02:25	1
Hexachlorobenzene	<0.078		0.078	0.0089	mg/Kg	✱	07/22/23 12:38	07/25/23 02:25	1
Hexachlorobutadiene	<0.19		0.19	0.061	mg/Kg	✱	07/22/23 12:38	07/25/23 02:25	1
Hexachlorocyclopentadiene	<0.78		0.78	0.22	mg/Kg	✱	07/22/23 12:38	07/25/23 02:25	1
Hexachloroethane	<0.19		0.19	0.059	mg/Kg	✱	07/22/23 12:38	07/25/23 02:25	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236926-1

Client Sample ID: ROW-7(0-6.5)-071923

Lab Sample ID: 500-236926-3

Date Collected: 07/19/23 15:05

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 83.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.024	J	0.038	0.010	mg/Kg	✳	07/22/23 12:38	07/25/23 02:25	1
Isophorone	<0.19		0.19	0.043	mg/Kg	✳	07/22/23 12:38	07/25/23 02:25	1
Naphthalene	<0.038		0.038	0.0059	mg/Kg	✳	07/22/23 12:38	07/25/23 02:25	1
Nitrobenzene	<0.038		0.038	0.0096	mg/Kg	✳	07/22/23 12:38	07/25/23 02:25	1
N-Nitrosodi-n-propylamine	<0.078		0.078	0.047	mg/Kg	✳	07/22/23 12:38	07/25/23 02:25	1
N-Nitrosodiphenylamine	<0.19		0.19	0.046	mg/Kg	✳	07/22/23 12:38	07/25/23 02:25	1
Pentachlorophenol	<0.78		0.78	0.62	mg/Kg	✳	07/22/23 12:38	07/25/23 02:25	1
Phenanthrene	<0.038		0.038	0.0054	mg/Kg	✳	07/22/23 12:38	07/25/23 02:25	1
Phenol	<0.19		0.19	0.086	mg/Kg	✳	07/22/23 12:38	07/25/23 02:25	1
Pyrene	<0.038		0.038	0.0077	mg/Kg	✳	07/22/23 12:38	07/25/23 02:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	69		31 - 166	07/22/23 12:38	07/25/23 02:25	1
Phenol-d5 (Surr)	63		30 - 153	07/22/23 12:38	07/25/23 02:25	1
Nitrobenzene-d5 (Surr)	62		37 - 147	07/22/23 12:38	07/25/23 02:25	1
2-Fluorobiphenyl (Surr)	70		43 - 145	07/22/23 12:38	07/25/23 02:25	1
2,4,6-Tribromophenol (Surr)	77		31 - 143	07/22/23 12:38	07/25/23 02:25	1
Terphenyl-d14 (Surr)	76		42 - 157	07/22/23 12:38	07/25/23 02:25	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7600		22	8.9	mg/Kg	✳	07/24/23 15:00	07/25/23 17:32	1
Antimony	0.54	J F1	2.2	0.42	mg/Kg	✳	07/24/23 15:00	07/25/23 17:32	1
Arsenic	7.0		1.1	0.37	mg/Kg	✳	07/24/23 15:00	07/25/23 17:32	1
Barium	29	B	1.1	0.12	mg/Kg	✳	07/24/23 15:00	07/25/23 17:32	1
Beryllium	0.59		0.43	0.10	mg/Kg	✳	07/24/23 15:00	07/25/23 17:32	1
Cadmium	0.20	J B	0.22	0.039	mg/Kg	✳	07/24/23 15:00	07/25/23 17:32	1
Calcium	64000	B	60	10	mg/Kg	✳	07/26/23 15:09	07/28/23 20:59	5
Chromium	14		1.1	0.54	mg/Kg	✳	07/24/23 15:00	07/25/23 17:32	1
Cobalt	6.6		0.54	0.14	mg/Kg	✳	07/24/23 15:00	07/25/23 17:32	1
Copper	21		1.1	0.30	mg/Kg	✳	07/24/23 15:00	07/25/23 17:32	1
Iron	17000		12	6.2	mg/Kg	✳	07/26/23 15:09	07/27/23 14:59	1
Lead	12		0.30	0.14	mg/Kg	✳	07/26/23 15:09	07/27/23 14:59	1
Magnesium	40000		11	5.4	mg/Kg	✳	07/24/23 15:00	07/25/23 17:32	1
Manganese	450		0.60	0.086	mg/Kg	✳	07/26/23 15:09	07/27/23 14:59	1
Nickel	27		0.60	0.17	mg/Kg	✳	07/26/23 15:09	07/27/23 14:59	1
Potassium	1900	F1	54	19	mg/Kg	✳	07/24/23 15:00	07/25/23 17:32	1
Selenium	<1.1		1.1	0.64	mg/Kg	✳	07/24/23 15:00	07/25/23 17:32	1
Silver	0.34	J	0.54	0.14	mg/Kg	✳	07/24/23 15:00	07/25/23 17:32	1
Sodium	740		110	16	mg/Kg	✳	07/24/23 15:00	07/25/23 17:32	1
Thallium	<1.1		1.1	0.54	mg/Kg	✳	07/24/23 15:00	07/25/23 17:32	1
Vanadium	15		0.54	0.13	mg/Kg	✳	07/24/23 15:00	07/25/23 17:32	1
Zinc	39		1.2	0.52	mg/Kg	✳	07/26/23 15:09	07/27/23 14:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/24/23 16:06	07/25/23 17:58	1
Barium	0.23	J	0.50	0.050	mg/L		07/24/23 16:06	07/25/23 17:58	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/24/23 16:06	07/25/23 17:58	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/24/23 16:06	07/25/23 17:58	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236926-1

Client Sample ID: ROW-7(0-6.5)-071923

Lab Sample ID: 500-236926-3

Date Collected: 07/19/23 15:05

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 83.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 17:58	1
Cobalt	0.018	J	0.025	0.010	mg/L		07/24/23 16:06	07/25/23 17:58	1
Copper	<0.025		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 17:58	1
Iron	<0.40		0.40	0.20	mg/L		07/24/23 16:06	07/25/23 17:58	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/24/23 16:06	07/25/23 17:58	1
Manganese	3.5		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 17:58	1
Nickel	0.037		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 17:58	1
Selenium	<0.050		0.050	0.020	mg/L		07/24/23 16:06	07/25/23 17:58	1
Silver	<0.025		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 17:58	1
Zinc	<0.50		0.50	0.020	mg/L		07/24/23 16:06	07/25/23 17:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.090		0.050	0.010	mg/L		07/24/23 16:07	07/26/23 01:36	1
Barium	0.30	J	0.50	0.050	mg/L		07/24/23 16:07	07/26/23 01:36	1
Beryllium	0.0063		0.0040	0.0040	mg/L		07/24/23 16:07	07/26/23 01:36	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/24/23 16:07	07/26/23 01:36	1
Chromium	0.12		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:36	1
Cobalt	0.029		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:36	1
Copper	0.19		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:36	1
Iron	130		0.40	0.20	mg/L		07/24/23 16:07	07/26/23 01:36	1
Lead	0.063		0.0075	0.0075	mg/L		07/24/23 16:07	07/26/23 01:36	1
Manganese	0.51		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:36	1
Nickel	0.11		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:36	1
Selenium	<0.050		0.050	0.020	mg/L		07/24/23 16:07	07/26/23 01:36	1
Silver	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:36	1
Zinc	0.30	J	0.50	0.020	mg/L		07/24/23 16:07	07/26/23 01:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/28/23 12:30	07/31/23 11:35	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.028		0.019	0.0098	mg/Kg	☆	07/27/23 16:55	07/28/23 09:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.5		0.2	0.2	SU			07/24/23 20:58	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236926-1

Client Sample ID: ROW-7(6.5-13)-071923

Lab Sample ID: 500-236926-4

Date Collected: 07/19/23 15:10

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 87.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0070	mg/Kg	☼	07/20/23 18:51	07/25/23 03:03	1
Benzene	<0.0016		0.0016	0.00041	mg/Kg	☼	07/20/23 18:51	07/25/23 03:03	1
Bromodichloromethane	<0.0016		0.0016	0.00033	mg/Kg	☼	07/20/23 18:51	07/25/23 03:03	1
Bromoform	<0.0016		0.0016	0.00047	mg/Kg	☼	07/20/23 18:51	07/25/23 03:03	1
Bromomethane	<0.0040		0.0040	0.0015	mg/Kg	☼	07/20/23 18:51	07/25/23 03:03	1
Carbon disulfide	<0.0040		0.0040	0.00084	mg/Kg	☼	07/20/23 18:51	07/25/23 03:03	1
Carbon tetrachloride	<0.0016		0.0016	0.00047	mg/Kg	☼	07/20/23 18:51	07/25/23 03:03	1
Chlorobenzene	<0.0016		0.0016	0.00060	mg/Kg	☼	07/20/23 18:51	07/25/23 03:03	1
Chloroethane	<0.0040	*+	0.0040	0.0012	mg/Kg	☼	07/20/23 18:51	07/25/23 03:03	1
Chloroform	<0.0016		0.0016	0.00056	mg/Kg	☼	07/20/23 18:51	07/25/23 03:03	1
Chloromethane	<0.0040	*+	0.0040	0.0016	mg/Kg	☼	07/20/23 18:51	07/25/23 03:03	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00045	mg/Kg	☼	07/20/23 18:51	07/25/23 03:03	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00049	mg/Kg	☼	07/20/23 18:51	07/25/23 03:03	1
Dibromochloromethane	<0.0016		0.0016	0.00053	mg/Kg	☼	07/20/23 18:51	07/25/23 03:03	1
1,1-Dichloroethane	<0.0016		0.0016	0.00055	mg/Kg	☼	07/20/23 18:51	07/25/23 03:03	1
1,2-Dichloroethane	<0.0040		0.0040	0.0013	mg/Kg	☼	07/20/23 18:51	07/25/23 03:03	1
1,1-Dichloroethene	<0.0016	*+	0.0016	0.00056	mg/Kg	☼	07/20/23 18:51	07/25/23 03:03	1
1,2-Dichloropropane	<0.0016		0.0016	0.00042	mg/Kg	☼	07/20/23 18:51	07/25/23 03:03	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00057	mg/Kg	☼	07/20/23 18:51	07/25/23 03:03	1
Ethylbenzene	<0.0016		0.0016	0.00077	mg/Kg	☼	07/20/23 18:51	07/25/23 03:03	1
2-Hexanone	<0.0040		0.0040	0.0013	mg/Kg	☼	07/20/23 18:51	07/25/23 03:03	1
Methylene Chloride	<0.0040		0.0040	0.0016	mg/Kg	☼	07/20/23 18:51	07/25/23 03:03	1
Methyl Ethyl Ketone	<0.0040		0.0040	0.0018	mg/Kg	☼	07/20/23 18:51	07/25/23 03:03	1
methyl isobutyl ketone	<0.0040		0.0040	0.0012	mg/Kg	☼	07/20/23 18:51	07/25/23 03:03	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00048	mg/Kg	☼	07/20/23 18:51	07/25/23 03:03	1
Styrene	<0.0016		0.0016	0.00049	mg/Kg	☼	07/20/23 18:51	07/25/23 03:03	1
1,1,2,2-Tetrachloroethane	<0.0016	*3	0.0016	0.00052	mg/Kg	☼	07/20/23 18:51	07/25/23 03:03	1
Tetrachloroethene	<0.0016		0.0016	0.00055	mg/Kg	☼	07/20/23 18:51	07/25/23 03:03	1
Toluene	<0.0016		0.0016	0.00041	mg/Kg	☼	07/20/23 18:51	07/25/23 03:03	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00072	mg/Kg	☼	07/20/23 18:51	07/25/23 03:03	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00057	mg/Kg	☼	07/20/23 18:51	07/25/23 03:03	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00054	mg/Kg	☼	07/20/23 18:51	07/25/23 03:03	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00069	mg/Kg	☼	07/20/23 18:51	07/25/23 03:03	1
Trichloroethene	<0.0016		0.0016	0.00055	mg/Kg	☼	07/20/23 18:51	07/25/23 03:03	1
Vinyl chloride	<0.0016	*+	0.0016	0.00072	mg/Kg	☼	07/20/23 18:51	07/25/23 03:03	1
Xylenes, Total	<0.0032		0.0032	0.00052	mg/Kg	☼	07/20/23 18:51	07/25/23 03:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	150	S1+ *3	75 - 131	07/20/23 18:51	07/25/23 03:03	1
Dibromofluoromethane (Surr)	102		75 - 126	07/20/23 18:51	07/25/23 03:03	1
1,2-Dichloroethane-d4 (Surr)	104		70 - 134	07/20/23 18:51	07/25/23 03:03	1
Toluene-d8 (Surr)	117		75 - 124	07/20/23 18:51	07/25/23 03:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	☼	07/22/23 12:38	07/25/23 03:52	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	☼	07/22/23 12:38	07/25/23 03:52	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	07/22/23 12:38	07/25/23 03:52	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	☼	07/22/23 12:38	07/25/23 03:52	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	☼	07/22/23 12:38	07/25/23 03:52	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236926-1

Client Sample ID: ROW-7(6.5-13)-071923

Lab Sample ID: 500-236926-4

Date Collected: 07/19/23 15:10

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 87.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.086	mg/Kg	✱	07/22/23 12:38	07/25/23 03:52	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	✱	07/22/23 12:38	07/25/23 03:52	1
2,4-Dichlorophenol	<0.37		0.37	0.089	mg/Kg	✱	07/22/23 12:38	07/25/23 03:52	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	✱	07/22/23 12:38	07/25/23 03:52	1
2,4-Dinitrophenol	<0.76		0.76	0.66	mg/Kg	✱	07/22/23 12:38	07/25/23 03:52	1
2,4-Dinitrotoluene	<0.19		0.19	0.060	mg/Kg	✱	07/22/23 12:38	07/25/23 03:52	1
2,6-Dinitrotoluene	<0.19		0.19	0.074	mg/Kg	✱	07/22/23 12:38	07/25/23 03:52	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	✱	07/22/23 12:38	07/25/23 03:52	1
2-Chlorophenol	<0.19		0.19	0.064	mg/Kg	✱	07/22/23 12:38	07/25/23 03:52	1
2-Methylnaphthalene	0.015	J	0.076	0.0069	mg/Kg	✱	07/22/23 12:38	07/25/23 03:52	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	✱	07/22/23 12:38	07/25/23 03:52	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	✱	07/22/23 12:38	07/25/23 03:52	1
2-Nitrophenol	<0.37		0.37	0.089	mg/Kg	✱	07/22/23 12:38	07/25/23 03:52	1
3 & 4 Methylphenol	<0.19		0.19	0.063	mg/Kg	✱	07/22/23 12:38	07/25/23 03:52	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.053	mg/Kg	✱	07/22/23 12:38	07/25/23 03:52	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	✱	07/22/23 12:38	07/25/23 03:52	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.30	mg/Kg	✱	07/22/23 12:38	07/25/23 03:52	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	✱	07/22/23 12:38	07/25/23 03:52	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	✱	07/22/23 12:38	07/25/23 03:52	1
4-Chloroaniline	<0.76		0.76	0.18	mg/Kg	✱	07/22/23 12:38	07/25/23 03:52	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	✱	07/22/23 12:38	07/25/23 03:52	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	✱	07/22/23 12:38	07/25/23 03:52	1
4-Nitrophenol	<0.76		0.76	0.36	mg/Kg	✱	07/22/23 12:38	07/25/23 03:52	1
Acenaphthene	<0.037		0.037	0.0068	mg/Kg	✱	07/22/23 12:38	07/25/23 03:52	1
Acenaphthylene	<0.037		0.037	0.0050	mg/Kg	✱	07/22/23 12:38	07/25/23 03:52	1
Anthracene	<0.037		0.037	0.0063	mg/Kg	✱	07/22/23 12:38	07/25/23 03:52	1
Benzo[a]anthracene	0.0089	J	0.037	0.0051	mg/Kg	✱	07/22/23 12:38	07/25/23 03:52	1
Benzo[a]pyrene	<0.037		0.037	0.0073	mg/Kg	✱	07/22/23 12:38	07/25/23 03:52	1
Benzo[b]fluoranthene	<0.037		0.037	0.0081	mg/Kg	✱	07/22/23 12:38	07/25/23 03:52	1
Benzo[g,h,i]perylene	0.024	J	0.037	0.012	mg/Kg	✱	07/22/23 12:38	07/25/23 03:52	1
Benzo[k]fluoranthene	<0.037		0.037	0.011	mg/Kg	✱	07/22/23 12:38	07/25/23 03:52	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	✱	07/22/23 12:38	07/25/23 03:52	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	✱	07/22/23 12:38	07/25/23 03:52	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.069	mg/Kg	✱	07/22/23 12:38	07/25/23 03:52	1
Butyl benzyl phthalate	<0.19		0.19	0.072	mg/Kg	✱	07/22/23 12:38	07/25/23 03:52	1
Carbazole	<0.19		0.19	0.094	mg/Kg	✱	07/22/23 12:38	07/25/23 03:52	1
Chrysene	0.013	J	0.037	0.010	mg/Kg	✱	07/22/23 12:38	07/25/23 03:52	1
Dibenz(a,h)anthracene	<0.037		0.037	0.0073	mg/Kg	✱	07/22/23 12:38	07/25/23 03:52	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	✱	07/22/23 12:38	07/25/23 03:52	1
Diethyl phthalate	<0.19		0.19	0.064	mg/Kg	✱	07/22/23 12:38	07/25/23 03:52	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	✱	07/22/23 12:38	07/25/23 03:52	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	✱	07/22/23 12:38	07/25/23 03:52	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	✱	07/22/23 12:38	07/25/23 03:52	1
Fluoranthene	<0.037		0.037	0.0070	mg/Kg	✱	07/22/23 12:38	07/25/23 03:52	1
Fluorene	<0.037		0.037	0.0053	mg/Kg	✱	07/22/23 12:38	07/25/23 03:52	1
Hexachlorobenzene	<0.076		0.076	0.0087	mg/Kg	✱	07/22/23 12:38	07/25/23 03:52	1
Hexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	✱	07/22/23 12:38	07/25/23 03:52	1
Hexachlorocyclopentadiene	<0.76		0.76	0.22	mg/Kg	✱	07/22/23 12:38	07/25/23 03:52	1
Hexachloroethane	<0.19		0.19	0.057	mg/Kg	✱	07/22/23 12:38	07/25/23 03:52	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236926-1

Client Sample ID: ROW-7(6.5-13)-071923

Lab Sample ID: 500-236926-4

Date Collected: 07/19/23 15:10

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 87.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.037		0.037	0.0098	mg/Kg	✳	07/22/23 12:38	07/25/23 03:52	1
Isophorone	<0.19		0.19	0.042	mg/Kg	✳	07/22/23 12:38	07/25/23 03:52	1
Naphthalene	<0.037		0.037	0.0058	mg/Kg	✳	07/22/23 12:38	07/25/23 03:52	1
Nitrobenzene	<0.037		0.037	0.0094	mg/Kg	✳	07/22/23 12:38	07/25/23 03:52	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.046	mg/Kg	✳	07/22/23 12:38	07/25/23 03:52	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	✳	07/22/23 12:38	07/25/23 03:52	1
Pentachlorophenol	<0.76		0.76	0.60	mg/Kg	✳	07/22/23 12:38	07/25/23 03:52	1
Phenanthrene	0.018	J	0.037	0.0052	mg/Kg	✳	07/22/23 12:38	07/25/23 03:52	1
Phenol	<0.19		0.19	0.084	mg/Kg	✳	07/22/23 12:38	07/25/23 03:52	1
Pyrene	<0.037		0.037	0.0075	mg/Kg	✳	07/22/23 12:38	07/25/23 03:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	69		31 - 166	07/22/23 12:38	07/25/23 03:52	1
Phenol-d5 (Surr)	63		30 - 153	07/22/23 12:38	07/25/23 03:52	1
Nitrobenzene-d5 (Surr)	63		37 - 147	07/22/23 12:38	07/25/23 03:52	1
2-Fluorobiphenyl (Surr)	64		43 - 145	07/22/23 12:38	07/25/23 03:52	1
2,4,6-Tribromophenol (Surr)	53		31 - 143	07/22/23 12:38	07/25/23 03:52	1
Terphenyl-d14 (Surr)	61		42 - 157	07/22/23 12:38	07/25/23 03:52	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8600		20	8.3	mg/Kg	✳	07/24/23 15:00	07/25/23 17:50	1
Antimony	0.51	J	2.0	0.39	mg/Kg	✳	07/24/23 15:00	07/25/23 17:50	1
Arsenic	6.1		1.0	0.35	mg/Kg	✳	07/24/23 15:00	07/25/23 17:50	1
Barium	33	B	1.0	0.12	mg/Kg	✳	07/24/23 15:00	07/25/23 17:50	1
Beryllium	0.73		0.41	0.095	mg/Kg	✳	07/24/23 15:00	07/25/23 17:50	1
Cadmium	0.20	B	0.20	0.037	mg/Kg	✳	07/24/23 15:00	07/25/23 17:50	1
Calcium	61000	B	57	9.6	mg/Kg	✳	07/26/23 15:09	07/28/23 21:03	5
Chromium	14		1.0	0.50	mg/Kg	✳	07/24/23 15:00	07/25/23 17:50	1
Cobalt	10		0.51	0.13	mg/Kg	✳	07/24/23 15:00	07/25/23 17:50	1
Copper	30		1.0	0.28	mg/Kg	✳	07/24/23 15:00	07/25/23 17:50	1
Iron	20000		11	5.9	mg/Kg	✳	07/26/23 15:09	07/27/23 15:10	1
Lead	15		0.28	0.13	mg/Kg	✳	07/26/23 15:09	07/27/23 15:10	1
Magnesium	29000		10	5.0	mg/Kg	✳	07/24/23 15:00	07/25/23 17:50	1
Manganese	410		0.57	0.082	mg/Kg	✳	07/26/23 15:09	07/27/23 15:10	1
Nickel	32		0.57	0.17	mg/Kg	✳	07/26/23 15:09	07/27/23 15:10	1
Potassium	2400		51	18	mg/Kg	✳	07/24/23 15:00	07/25/23 17:50	1
Selenium	<1.0		1.0	0.60	mg/Kg	✳	07/24/23 15:00	07/25/23 17:50	1
Silver	0.35	J	0.51	0.13	mg/Kg	✳	07/24/23 15:00	07/25/23 17:50	1
Sodium	570		100	15	mg/Kg	✳	07/24/23 15:00	07/25/23 17:50	1
Thallium	<1.0		1.0	0.51	mg/Kg	✳	07/24/23 15:00	07/25/23 17:50	1
Vanadium	17		0.51	0.12	mg/Kg	✳	07/24/23 15:00	07/25/23 17:50	1
Zinc	57		1.1	0.50	mg/Kg	✳	07/26/23 15:09	07/27/23 15:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/24/23 16:06	07/25/23 16:38	1
Barium	0.62		0.50	0.050	mg/L		07/24/23 16:06	07/25/23 16:38	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/24/23 16:06	07/25/23 16:38	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/24/23 16:06	07/25/23 16:38	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236926-1

Client Sample ID: ROW-7(6.5-13)-071923

Lab Sample ID: 500-236926-4

Date Collected: 07/19/23 15:10

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 87.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 16:38	1
Cobalt	0.024	J	0.025	0.010	mg/L		07/24/23 16:06	07/25/23 16:38	1
Copper	0.012	J B	0.025	0.010	mg/L		07/24/23 16:06	07/25/23 16:38	1
Iron	<0.40		0.40	0.20	mg/L		07/24/23 16:06	07/25/23 16:38	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/24/23 16:06	07/25/23 16:38	1
Manganese	2.2		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 16:38	1
Nickel	0.050		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 16:38	1
Selenium	<0.050		0.050	0.020	mg/L		07/24/23 16:06	07/25/23 16:38	1
Silver	<0.025		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 16:38	1
Zinc	<0.50		0.50	0.020	mg/L		07/24/23 16:06	07/25/23 16:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/24/23 16:07	07/26/23 01:39	1
Barium	<0.50		0.50	0.050	mg/L		07/24/23 16:07	07/26/23 01:39	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/24/23 16:07	07/26/23 01:39	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/24/23 16:07	07/26/23 01:39	1
Chromium	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:39	1
Cobalt	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:39	1
Copper	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:39	1
Iron	1.1		0.40	0.20	mg/L		07/24/23 16:07	07/26/23 01:39	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/24/23 16:07	07/26/23 01:39	1
Manganese	0.033		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:39	1
Nickel	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:39	1
Selenium	<0.050		0.050	0.020	mg/L		07/24/23 16:07	07/26/23 01:39	1
Silver	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:39	1
Zinc	<0.50		0.50	0.020	mg/L		07/24/23 16:07	07/26/23 01:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/28/23 12:30	07/31/23 10:48	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.028		0.017	0.0090	mg/Kg	☆	07/27/23 16:55	07/28/23 09:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.1		0.2	0.2	SU			07/24/23 21:01	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236926-1

Client Sample ID: ROW-7(13-20)-071923

Lab Sample ID: 500-236926-5

Date Collected: 07/19/23 15:15

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 88.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.018	J	0.021	0.0092	mg/Kg	☼	07/20/23 18:51	07/25/23 03:29	1
Benzene	<0.0021		0.0021	0.00054	mg/Kg	☼	07/20/23 18:51	07/25/23 03:29	1
Bromodichloromethane	<0.0021		0.0021	0.00043	mg/Kg	☼	07/20/23 18:51	07/25/23 03:29	1
Bromoform	<0.0021		0.0021	0.00062	mg/Kg	☼	07/20/23 18:51	07/25/23 03:29	1
Bromomethane	<0.0053		0.0053	0.0020	mg/Kg	☼	07/20/23 18:51	07/25/23 03:29	1
Carbon disulfide	<0.0053		0.0053	0.0011	mg/Kg	☼	07/20/23 18:51	07/25/23 03:29	1
Carbon tetrachloride	<0.0021		0.0021	0.00061	mg/Kg	☼	07/20/23 18:51	07/25/23 03:29	1
Chlorobenzene	<0.0021		0.0021	0.00078	mg/Kg	☼	07/20/23 18:51	07/25/23 03:29	1
Chloroethane	<0.0053	*+	0.0053	0.0016	mg/Kg	☼	07/20/23 18:51	07/25/23 03:29	1
Chloroform	<0.0021		0.0021	0.00073	mg/Kg	☼	07/20/23 18:51	07/25/23 03:29	1
Chloromethane	<0.0053	*+	0.0053	0.0021	mg/Kg	☼	07/20/23 18:51	07/25/23 03:29	1
cis-1,2-Dichloroethene	<0.0021		0.0021	0.00059	mg/Kg	☼	07/20/23 18:51	07/25/23 03:29	1
cis-1,3-Dichloropropene	<0.0021		0.0021	0.00064	mg/Kg	☼	07/20/23 18:51	07/25/23 03:29	1
Dibromochloromethane	<0.0021		0.0021	0.00069	mg/Kg	☼	07/20/23 18:51	07/25/23 03:29	1
1,1-Dichloroethane	<0.0021		0.0021	0.00072	mg/Kg	☼	07/20/23 18:51	07/25/23 03:29	1
1,2-Dichloroethane	<0.0053		0.0053	0.0016	mg/Kg	☼	07/20/23 18:51	07/25/23 03:29	1
1,1,1-Dichloroethene	<0.0021	*+	0.0021	0.00073	mg/Kg	☼	07/20/23 18:51	07/25/23 03:29	1
1,2-Dichloropropane	<0.0021		0.0021	0.00055	mg/Kg	☼	07/20/23 18:51	07/25/23 03:29	1
1,3-Dichloropropene, Total	<0.0021		0.0021	0.00074	mg/Kg	☼	07/20/23 18:51	07/25/23 03:29	1
Ethylbenzene	<0.0021		0.0021	0.0010	mg/Kg	☼	07/20/23 18:51	07/25/23 03:29	1
2-Hexanone	<0.0053		0.0053	0.0016	mg/Kg	☼	07/20/23 18:51	07/25/23 03:29	1
Methylene Chloride	<0.0053		0.0053	0.0021	mg/Kg	☼	07/20/23 18:51	07/25/23 03:29	1
Methyl Ethyl Ketone	<0.0053		0.0053	0.0023	mg/Kg	☼	07/20/23 18:51	07/25/23 03:29	1
methyl isobutyl ketone	<0.0053		0.0053	0.0016	mg/Kg	☼	07/20/23 18:51	07/25/23 03:29	1
Methyl tert-butyl ether	<0.0021		0.0021	0.00062	mg/Kg	☼	07/20/23 18:51	07/25/23 03:29	1
Styrene	<0.0021		0.0021	0.00064	mg/Kg	☼	07/20/23 18:51	07/25/23 03:29	1
1,1,1,2-Tetrachloroethane	<0.0021	*3	0.0021	0.00068	mg/Kg	☼	07/20/23 18:51	07/25/23 03:29	1
Tetrachloroethene	<0.0021		0.0021	0.00072	mg/Kg	☼	07/20/23 18:51	07/25/23 03:29	1
Toluene	<0.0021		0.0021	0.00053	mg/Kg	☼	07/20/23 18:51	07/25/23 03:29	1
trans-1,2-Dichloroethene	<0.0021		0.0021	0.00094	mg/Kg	☼	07/20/23 18:51	07/25/23 03:29	1
trans-1,3-Dichloropropene	<0.0021		0.0021	0.00074	mg/Kg	☼	07/20/23 18:51	07/25/23 03:29	1
1,1,1-Trichloroethane	<0.0021		0.0021	0.00071	mg/Kg	☼	07/20/23 18:51	07/25/23 03:29	1
1,1,2-Trichloroethane	<0.0021		0.0021	0.00091	mg/Kg	☼	07/20/23 18:51	07/25/23 03:29	1
Trichloroethene	<0.0021		0.0021	0.00071	mg/Kg	☼	07/20/23 18:51	07/25/23 03:29	1
Vinyl chloride	<0.0021	*+	0.0021	0.00094	mg/Kg	☼	07/20/23 18:51	07/25/23 03:29	1
Xylenes, Total	<0.0042		0.0042	0.00068	mg/Kg	☼	07/20/23 18:51	07/25/23 03:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123	*3	75 - 131	07/20/23 18:51	07/25/23 03:29	1
Dibromofluoromethane (Surr)	105		75 - 126	07/20/23 18:51	07/25/23 03:29	1
1,2-Dichloroethane-d4 (Surr)	106		70 - 134	07/20/23 18:51	07/25/23 03:29	1
Toluene-d8 (Surr)	122		75 - 124	07/20/23 18:51	07/25/23 03:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	☼	07/22/23 12:38	07/24/23 21:15	1
1,2-Dichlorobenzene	<0.19		0.19	0.044	mg/Kg	☼	07/22/23 12:38	07/24/23 21:15	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	07/22/23 12:38	07/24/23 21:15	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	☼	07/22/23 12:38	07/24/23 21:15	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	☼	07/22/23 12:38	07/24/23 21:15	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236926-1

Client Sample ID: ROW-7(13-20)-071923

Lab Sample ID: 500-236926-5

Date Collected: 07/19/23 15:15

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 88.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.085	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
2,4-Dichlorophenol	<0.37		0.37	0.088	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
2,4-Dinitrophenol	<0.75		0.75	0.65	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
2,4-Dinitrotoluene	<0.19		0.19	0.059	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
2,6-Dinitrotoluene	<0.19		0.19	0.073	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
2-Chlorophenol	<0.19		0.19	0.063	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
2-Methylnaphthalene	<0.075		0.075	0.0068	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
2-Methylphenol	<0.19		0.19	0.059	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
2-Nitrophenol	<0.37		0.37	0.088	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
3 & 4 Methylphenol	<0.19		0.19	0.062	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.052	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
3-Nitroaniline	<0.37		0.37	0.11	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.30	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
4-Chloroaniline	<0.75		0.75	0.17	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.043	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
4-Nitrophenol	<0.75		0.75	0.35	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
Acenaphthene	<0.037		0.037	0.0067	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
Acenaphthylene	<0.037		0.037	0.0049	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
Anthracene	<0.037		0.037	0.0062	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
Benzo[a]anthracene	<0.037		0.037	0.0050	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
Benzo[a]pyrene	<0.037		0.037	0.0072	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
Benzo[b]fluoranthene	<0.037		0.037	0.0080	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
Benzo[g,h,i]perylene	<0.037		0.037	0.012	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
Benzo[k]fluoranthene	<0.037		0.037	0.011	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.068	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
Butyl benzyl phthalate	<0.19		0.19	0.070	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
Carbazole	<0.19		0.19	0.093	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
Chrysene	<0.037		0.037	0.010	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
Dibenz(a,h)anthracene	<0.037		0.037	0.0072	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
Dibenzofuran	<0.19		0.19	0.043	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
Diethyl phthalate	<0.19		0.19	0.063	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
Dimethyl phthalate	<0.19		0.19	0.048	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
Di-n-butyl phthalate	<0.19		0.19	0.056	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
Di-n-octyl phthalate	<0.19		0.19	0.060	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
Fluoranthene	<0.037		0.037	0.0069	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
Fluorene	<0.037		0.037	0.0052	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
Hexachlorobenzene	<0.075		0.075	0.0086	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
Hexachlorobutadiene	<0.19		0.19	0.058	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
Hexachlorocyclopentadiene	<0.75		0.75	0.21	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
Hexachloroethane	<0.19		0.19	0.056	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236926-1

Client Sample ID: ROW-7(13-20)-071923

Lab Sample ID: 500-236926-5

Date Collected: 07/19/23 15:15

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 88.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.037		0.037	0.0096	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
Isophorone	<0.19		0.19	0.042	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
Naphthalene	<0.037		0.037	0.0057	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
Nitrobenzene	<0.037		0.037	0.0092	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.045	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
Pentachlorophenol	<0.75		0.75	0.59	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
Phenanthrene	0.020	J	0.037	0.0052	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
Phenol	<0.19		0.19	0.082	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
Pyrene	<0.037		0.037	0.0074	mg/Kg	✳	07/22/23 12:38	07/24/23 21:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	74		31 - 166				07/22/23 12:38	07/24/23 21:15	1
Phenol-d5 (Surr)	74		30 - 153				07/22/23 12:38	07/24/23 21:15	1
Nitrobenzene-d5 (Surr)	73		37 - 147				07/22/23 12:38	07/24/23 21:15	1
2-Fluorobiphenyl (Surr)	83		43 - 145				07/22/23 12:38	07/24/23 21:15	1
2,4,6-Tribromophenol (Surr)	60		31 - 143				07/22/23 12:38	07/24/23 21:15	1
Terphenyl-d14 (Surr)	90		42 - 157				07/22/23 12:38	07/24/23 21:15	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6900		20	8.0	mg/Kg	✳	07/24/23 15:00	07/25/23 17:53	1
Antimony	<2.0		2.0	0.38	mg/Kg	✳	07/24/23 15:00	07/25/23 17:53	1
Arsenic	12		0.98	0.34	mg/Kg	✳	07/24/23 15:00	07/25/23 17:53	1
Barium	20	B	0.98	0.11	mg/Kg	✳	07/24/23 15:00	07/25/23 17:53	1
Beryllium	0.70		0.39	0.092	mg/Kg	✳	07/24/23 15:00	07/25/23 17:53	1
Cadmium	0.41	B	0.20	0.035	mg/Kg	✳	07/24/23 15:00	07/25/23 17:53	1
Calcium	72000	B	55	9.3	mg/Kg	✳	07/26/23 15:09	07/28/23 21:06	5
Chromium	12		0.98	0.49	mg/Kg	✳	07/24/23 15:00	07/25/23 17:53	1
Cobalt	13		0.49	0.13	mg/Kg	✳	07/24/23 15:00	07/25/23 17:53	1
Copper	41		0.98	0.28	mg/Kg	✳	07/24/23 15:00	07/25/23 17:53	1
Iron	19000		55	29	mg/Kg	✳	07/26/23 15:09	07/28/23 21:06	5
Lead	16		0.27	0.13	mg/Kg	✳	07/26/23 15:09	07/27/23 15:13	1
Magnesium	26000		9.8	4.9	mg/Kg	✳	07/24/23 15:00	07/25/23 17:53	1
Manganese	310		0.55	0.080	mg/Kg	✳	07/26/23 15:09	07/27/23 15:13	1
Nickel	26		0.55	0.16	mg/Kg	✳	07/26/23 15:09	07/27/23 15:13	1
Potassium	1900		49	17	mg/Kg	✳	07/24/23 15:00	07/25/23 17:53	1
Selenium	0.83	J	0.98	0.58	mg/Kg	✳	07/24/23 15:00	07/25/23 17:53	1
Silver	0.47	J	0.49	0.13	mg/Kg	✳	07/24/23 15:00	07/25/23 17:53	1
Sodium	170		98	15	mg/Kg	✳	07/24/23 15:00	07/25/23 17:53	1
Thallium	<0.98		0.98	0.49	mg/Kg	✳	07/24/23 15:00	07/25/23 17:53	1
Vanadium	14		0.49	0.12	mg/Kg	✳	07/24/23 15:00	07/25/23 17:53	1
Zinc	54		1.1	0.48	mg/Kg	✳	07/26/23 15:09	07/27/23 15:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/24/23 16:06	07/25/23 16:41	1
Barium	0.39	J	0.50	0.050	mg/L		07/24/23 16:06	07/25/23 16:41	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/24/23 16:06	07/25/23 16:41	1
Cadmium	0.0028	J	0.0050	0.0020	mg/L		07/24/23 16:06	07/25/23 16:41	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236926-1

Client Sample ID: ROW-7(13-20)-071923

Lab Sample ID: 500-236926-5

Date Collected: 07/19/23 15:15

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 88.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 16:41	1
Cobalt	0.027		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 16:41	1
Copper	<0.025		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 16:41	1
Iron	<0.40		0.40	0.20	mg/L		07/24/23 16:06	07/25/23 16:41	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/24/23 16:06	07/25/23 16:41	1
Manganese	2.3		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 16:41	1
Nickel	0.039		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 16:41	1
Selenium	<0.050		0.050	0.020	mg/L		07/24/23 16:06	07/25/23 16:41	1
Silver	<0.025		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 16:41	1
Zinc	0.026 J		0.50	0.020	mg/L		07/24/23 16:06	07/25/23 16:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/24/23 16:07	07/26/23 01:43	1
Barium	<0.50		0.50	0.050	mg/L		07/24/23 16:07	07/26/23 01:43	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/24/23 16:07	07/26/23 01:43	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/24/23 16:07	07/26/23 01:43	1
Chromium	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:43	1
Cobalt	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:43	1
Copper	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:43	1
Iron	1.0		0.40	0.20	mg/L		07/24/23 16:07	07/26/23 01:43	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/24/23 16:07	07/26/23 01:43	1
Manganese	0.030		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:43	1
Nickel	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:43	1
Selenium	<0.050		0.050	0.020	mg/L		07/24/23 16:07	07/26/23 01:43	1
Silver	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:43	1
Zinc	<0.50		0.50	0.020	mg/L		07/24/23 16:07	07/26/23 01:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/28/23 12:30	07/31/23 11:52	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.035		0.018	0.0096	mg/Kg	☆	07/27/23 16:55	07/28/23 09:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.8		0.2	0.2	SU			07/25/23 14:54	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236926-1

Client Sample ID: ROW-6(0-6.5)-071923D

Lab Sample ID: 500-236926-6

Date Collected: 07/19/23 14:20

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 87.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.020	*+ *1	0.020	0.0086	mg/Kg	☼	07/20/23 18:51	07/25/23 14:30	1
Benzene	<0.0020		0.0020	0.00050	mg/Kg	☼	07/20/23 18:51	07/25/23 14:30	1
Bromodichloromethane	<0.0020		0.0020	0.00040	mg/Kg	☼	07/20/23 18:51	07/25/23 14:30	1
Bromoform	<0.0020		0.0020	0.00057	mg/Kg	☼	07/20/23 18:51	07/25/23 14:30	1
Bromomethane	<0.0049		0.0049	0.0019	mg/Kg	☼	07/20/23 18:51	07/25/23 14:30	1
Carbon disulfide	<0.0049		0.0049	0.0010	mg/Kg	☼	07/20/23 18:51	07/25/23 14:30	1
Carbon tetrachloride	<0.0020		0.0020	0.00057	mg/Kg	☼	07/20/23 18:51	07/25/23 14:30	1
Chlorobenzene	<0.0020		0.0020	0.00073	mg/Kg	☼	07/20/23 18:51	07/25/23 14:30	1
Chloroethane	<0.0049		0.0049	0.0015	mg/Kg	☼	07/20/23 18:51	07/25/23 14:30	1
Chloroform	<0.0020		0.0020	0.00068	mg/Kg	☼	07/20/23 18:51	07/25/23 14:30	1
Chloromethane	<0.0049		0.0049	0.0020	mg/Kg	☼	07/20/23 18:51	07/25/23 14:30	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00055	mg/Kg	☼	07/20/23 18:51	07/25/23 14:30	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00059	mg/Kg	☼	07/20/23 18:51	07/25/23 14:30	1
Dibromochloromethane	<0.0020		0.0020	0.00064	mg/Kg	☼	07/20/23 18:51	07/25/23 14:30	1
1,1-Dichloroethane	<0.0020		0.0020	0.00067	mg/Kg	☼	07/20/23 18:51	07/25/23 14:30	1
1,2-Dichloroethane	<0.0049		0.0049	0.0015	mg/Kg	☼	07/20/23 18:51	07/25/23 14:30	1
1,1-Dichloroethene	<0.0020		0.0020	0.00068	mg/Kg	☼	07/20/23 18:51	07/25/23 14:30	1
1,2-Dichloropropane	<0.0020		0.0020	0.00051	mg/Kg	☼	07/20/23 18:51	07/25/23 14:30	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00069	mg/Kg	☼	07/20/23 18:51	07/25/23 14:30	1
Ethylbenzene	<0.0020		0.0020	0.00094	mg/Kg	☼	07/20/23 18:51	07/25/23 14:30	1
2-Hexanone	<0.0049		0.0049	0.0015	mg/Kg	☼	07/20/23 18:51	07/25/23 14:30	1
Methylene Chloride	<0.0049		0.0049	0.0019	mg/Kg	☼	07/20/23 18:51	07/25/23 14:30	1
Methyl Ethyl Ketone	<0.0049	*1	0.0049	0.0022	mg/Kg	☼	07/20/23 18:51	07/25/23 14:30	1
methyl isobutyl ketone	<0.0049		0.0049	0.0015	mg/Kg	☼	07/20/23 18:51	07/25/23 14:30	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00058	mg/Kg	☼	07/20/23 18:51	07/25/23 14:30	1
Styrene	<0.0020		0.0020	0.00059	mg/Kg	☼	07/20/23 18:51	07/25/23 14:30	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00063	mg/Kg	☼	07/20/23 18:51	07/25/23 14:30	1
Tetrachloroethene	<0.0020		0.0020	0.00067	mg/Kg	☼	07/20/23 18:51	07/25/23 14:30	1
Toluene	<0.0020		0.0020	0.00050	mg/Kg	☼	07/20/23 18:51	07/25/23 14:30	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00087	mg/Kg	☼	07/20/23 18:51	07/25/23 14:30	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00069	mg/Kg	☼	07/20/23 18:51	07/25/23 14:30	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00066	mg/Kg	☼	07/20/23 18:51	07/25/23 14:30	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00084	mg/Kg	☼	07/20/23 18:51	07/25/23 14:30	1
Trichloroethene	<0.0020		0.0020	0.00067	mg/Kg	☼	07/20/23 18:51	07/25/23 14:30	1
Vinyl chloride	<0.0020		0.0020	0.00087	mg/Kg	☼	07/20/23 18:51	07/25/23 14:30	1
Xylenes, Total	<0.0039		0.0039	0.00063	mg/Kg	☼	07/20/23 18:51	07/25/23 14:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		75 - 131	07/20/23 18:51	07/25/23 14:30	1
Dibromofluoromethane (Surr)	111		75 - 126	07/20/23 18:51	07/25/23 14:30	1
1,2-Dichloroethane-d4 (Surr)	127		70 - 134	07/20/23 18:51	07/25/23 14:30	1
Toluene-d8 (Surr)	114		75 - 124	07/20/23 18:51	07/25/23 14:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236926-1

Client Sample ID: ROW-6(0-6.5)-071923D

Lab Sample ID: 500-236926-6

Date Collected: 07/19/23 14:20

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 87.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.087	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
2,4-Dichlorophenol	<0.38		0.38	0.091	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
2,4-Dimethylphenol	<0.38		0.38	0.14	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
2,4-Dinitrophenol	<0.77		0.77	0.67	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
2,4-Dinitrotoluene	<0.19		0.19	0.061	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
2,6-Dinitrotoluene	<0.19		0.19	0.075	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
2-Chlorophenol	<0.19		0.19	0.065	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
2-Methylnaphthalene	<0.077		0.077	0.0070	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
2-Methylphenol	<0.19		0.19	0.061	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
2-Nitrophenol	<0.38		0.38	0.090	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
3 & 4 Methylphenol	<0.19		0.19	0.064	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.053	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
4,6-Dinitro-2-methylphenol	<0.77		0.77	0.31	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
4-Chloroaniline	<0.77		0.77	0.18	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
4-Nitrophenol	<0.77		0.77	0.36	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
Acenaphthene	<0.038		0.038	0.0069	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
Acenaphthylene	<0.038		0.038	0.0050	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
Anthracene	<0.038		0.038	0.0064	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
Benzo[a]anthracene	0.0083	J	0.038	0.0051	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
Benzo[a]pyrene	0.019	J	0.038	0.0074	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
Benzo[b]fluoranthene	<0.038		0.038	0.0082	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
Benzo[g,h,i]perylene	<0.038		0.038	0.012	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
Benzo[k]fluoranthene	<0.038		0.038	0.011	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.057	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.070	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
Butyl benzyl phthalate	<0.19		0.19	0.073	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
Carbazole	<0.19		0.19	0.095	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
Chrysene	<0.038		0.038	0.010	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
Dibenz(a,h)anthracene	<0.038		0.038	0.0074	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
Diethyl phthalate	<0.19		0.19	0.065	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
Di-n-butyl phthalate	<0.19		0.19	0.058	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
Di-n-octyl phthalate	<0.19		0.19	0.062	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
Fluoranthene	<0.038		0.038	0.0071	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
Fluorene	<0.038		0.038	0.0054	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
Hexachlorobenzene	<0.077		0.077	0.0088	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
Hexachlorobutadiene	<0.19		0.19	0.060	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
Hexachlorocyclopentadiene	<0.77		0.77	0.22	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1
Hexachloroethane	<0.19		0.19	0.058	mg/Kg	☼	07/22/23 12:38	07/25/23 02:47	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236926-1

Client Sample ID: ROW-6(0-6.5)-071923D

Lab Sample ID: 500-236926-6

Date Collected: 07/19/23 14:20

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 87.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.038		0.038	0.0099	mg/Kg	✳	07/22/23 12:38	07/25/23 02:47	1
Isophorone	<0.19		0.19	0.043	mg/Kg	✳	07/22/23 12:38	07/25/23 02:47	1
Naphthalene	<0.038		0.038	0.0059	mg/Kg	✳	07/22/23 12:38	07/25/23 02:47	1
Nitrobenzene	<0.038		0.038	0.0095	mg/Kg	✳	07/22/23 12:38	07/25/23 02:47	1
N-Nitrosodi-n-propylamine	<0.077		0.077	0.047	mg/Kg	✳	07/22/23 12:38	07/25/23 02:47	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	✳	07/22/23 12:38	07/25/23 02:47	1
Pentachlorophenol	<0.77		0.77	0.61	mg/Kg	✳	07/22/23 12:38	07/25/23 02:47	1
Phenanthrene	<0.038		0.038	0.0053	mg/Kg	✳	07/22/23 12:38	07/25/23 02:47	1
Phenol	<0.19		0.19	0.085	mg/Kg	✳	07/22/23 12:38	07/25/23 02:47	1
Pyrene	<0.038		0.038	0.0076	mg/Kg	✳	07/22/23 12:38	07/25/23 02:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	64		31 - 166	07/22/23 12:38	07/25/23 02:47	1
Phenol-d5 (Surr)	61		30 - 153	07/22/23 12:38	07/25/23 02:47	1
Nitrobenzene-d5 (Surr)	57		37 - 147	07/22/23 12:38	07/25/23 02:47	1
2-Fluorobiphenyl (Surr)	67		43 - 145	07/22/23 12:38	07/25/23 02:47	1
2,4,6-Tribromophenol (Surr)	80		31 - 143	07/22/23 12:38	07/25/23 02:47	1
Terphenyl-d14 (Surr)	80		42 - 157	07/22/23 12:38	07/25/23 02:47	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	12000		21	8.8	mg/Kg	✳	07/24/23 15:00	07/25/23 17:57	1
Antimony	0.49	J	2.1	0.42	mg/Kg	✳	07/24/23 15:00	07/25/23 17:57	1
Arsenic	7.2		1.1	0.37	mg/Kg	✳	07/24/23 15:00	07/25/23 17:57	1
Barium	59	B	1.1	0.12	mg/Kg	✳	07/24/23 15:00	07/25/23 17:57	1
Beryllium	0.92		0.43	0.10	mg/Kg	✳	07/24/23 15:00	07/25/23 17:57	1
Cadmium	0.31	B	0.21	0.039	mg/Kg	✳	07/24/23 15:00	07/25/23 17:57	1
Calcium	26000	B	11	1.9	mg/Kg	✳	07/26/23 15:09	07/27/23 15:17	1
Chromium	17		1.1	0.53	mg/Kg	✳	07/24/23 15:00	07/25/23 17:57	1
Cobalt	12		0.54	0.14	mg/Kg	✳	07/24/23 15:00	07/25/23 17:57	1
Copper	29		1.1	0.30	mg/Kg	✳	07/24/23 15:00	07/25/23 17:57	1
Iron	17000		11	5.8	mg/Kg	✳	07/26/23 15:09	07/27/23 15:17	1
Lead	16		0.28	0.13	mg/Kg	✳	07/26/23 15:09	07/27/23 15:17	1
Magnesium	19000		11	5.3	mg/Kg	✳	07/24/23 15:00	07/25/23 17:57	1
Manganese	420		0.56	0.081	mg/Kg	✳	07/26/23 15:09	07/27/23 15:17	1
Nickel	24		0.56	0.16	mg/Kg	✳	07/26/23 15:09	07/27/23 15:17	1
Potassium	1800		54	19	mg/Kg	✳	07/24/23 15:00	07/25/23 17:57	1
Selenium	<1.1		1.1	0.63	mg/Kg	✳	07/24/23 15:00	07/25/23 17:57	1
Silver	0.51	J	0.54	0.14	mg/Kg	✳	07/24/23 15:00	07/25/23 17:57	1
Sodium	1200		110	16	mg/Kg	✳	07/24/23 15:00	07/25/23 17:57	1
Thallium	<1.1		1.1	0.53	mg/Kg	✳	07/24/23 15:00	07/25/23 17:57	1
Vanadium	23		0.54	0.13	mg/Kg	✳	07/24/23 15:00	07/25/23 17:57	1
Zinc	91		1.1	0.49	mg/Kg	✳	07/26/23 15:09	07/27/23 15:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/24/23 16:06	07/25/23 18:01	1
Barium	0.37	J	0.50	0.050	mg/L		07/24/23 16:06	07/25/23 18:01	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/24/23 16:06	07/25/23 18:01	1
Cadmium	0.0025	J	0.0050	0.0020	mg/L		07/24/23 16:06	07/25/23 18:01	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236926-1

Client Sample ID: ROW-6(0-6.5)-071923D

Lab Sample ID: 500-236926-6

Date Collected: 07/19/23 14:20

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 87.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 18:01	1
Cobalt	0.059		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 18:01	1
Copper	<0.025		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 18:01	1
Iron	<0.40		0.40	0.20	mg/L		07/24/23 16:06	07/25/23 18:01	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/24/23 16:06	07/25/23 18:01	1
Manganese	7.0		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 18:01	1
Nickel	0.086		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 18:01	1
Selenium	<0.050		0.050	0.020	mg/L		07/24/23 16:06	07/25/23 18:01	1
Silver	<0.025		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 18:01	1
Zinc	0.022 J		0.50	0.020	mg/L		07/24/23 16:06	07/25/23 18:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.086		0.050	0.010	mg/L		07/24/23 16:07	07/26/23 01:47	1
Barium	0.50		0.50	0.050	mg/L		07/24/23 16:07	07/26/23 01:47	1
Beryllium	0.0097		0.0040	0.0040	mg/L		07/24/23 16:07	07/26/23 01:47	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/24/23 16:07	07/26/23 01:47	1
Chromium	0.18		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:47	1
Cobalt	0.063		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:47	1
Copper	0.22		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:47	1
Iron	200		0.40	0.20	mg/L		07/24/23 16:07	07/26/23 01:47	1
Lead	0.088		0.0075	0.0075	mg/L		07/24/23 16:07	07/26/23 01:47	1
Manganese	0.84		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:47	1
Nickel	0.22		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:47	1
Selenium	<0.050		0.050	0.020	mg/L		07/24/23 16:07	07/26/23 01:47	1
Silver	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:47	1
Zinc	0.62		0.50	0.020	mg/L		07/24/23 16:07	07/26/23 01:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/28/23 12:30	07/31/23 11:37	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.029		0.018	0.0093	mg/Kg	☆	07/27/23 16:55	07/28/23 09:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.0		0.2	0.2	SU			07/24/23 21:03	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236926-1

Client Sample ID: ROW-8(0-6.5)-071923

Lab Sample ID: 500-236926-7

Date Collected: 07/19/23 15:40

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 79.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.021	*+ *1	0.021	0.0093	mg/Kg	☼	07/20/23 18:51	07/25/23 14:55	1
Benzene	<0.0021		0.0021	0.00055	mg/Kg	☼	07/20/23 18:51	07/25/23 14:55	1
Bromodichloromethane	<0.0021		0.0021	0.00044	mg/Kg	☼	07/20/23 18:51	07/25/23 14:55	1
Bromoform	<0.0021		0.0021	0.00063	mg/Kg	☼	07/20/23 18:51	07/25/23 14:55	1
Bromomethane	<0.0054		0.0054	0.0020	mg/Kg	☼	07/20/23 18:51	07/25/23 14:55	1
Carbon disulfide	<0.0054		0.0054	0.0011	mg/Kg	☼	07/20/23 18:51	07/25/23 14:55	1
Carbon tetrachloride	<0.0021		0.0021	0.00062	mg/Kg	☼	07/20/23 18:51	07/25/23 14:55	1
Chlorobenzene	<0.0021		0.0021	0.00079	mg/Kg	☼	07/20/23 18:51	07/25/23 14:55	1
Chloroethane	<0.0054		0.0054	0.0016	mg/Kg	☼	07/20/23 18:51	07/25/23 14:55	1
Chloroform	<0.0021		0.0021	0.00074	mg/Kg	☼	07/20/23 18:51	07/25/23 14:55	1
Chloromethane	<0.0054		0.0054	0.0022	mg/Kg	☼	07/20/23 18:51	07/25/23 14:55	1
cis-1,2-Dichloroethene	<0.0021		0.0021	0.00060	mg/Kg	☼	07/20/23 18:51	07/25/23 14:55	1
cis-1,3-Dichloropropene	<0.0021		0.0021	0.00065	mg/Kg	☼	07/20/23 18:51	07/25/23 14:55	1
Dibromochloromethane	<0.0021		0.0021	0.00070	mg/Kg	☼	07/20/23 18:51	07/25/23 14:55	1
1,1-Dichloroethane	<0.0021		0.0021	0.00073	mg/Kg	☼	07/20/23 18:51	07/25/23 14:55	1
1,2-Dichloroethane	<0.0054		0.0054	0.0017	mg/Kg	☼	07/20/23 18:51	07/25/23 14:55	1
1,1-Dichloroethene	<0.0021		0.0021	0.00074	mg/Kg	☼	07/20/23 18:51	07/25/23 14:55	1
1,2-Dichloropropane	<0.0021		0.0021	0.00055	mg/Kg	☼	07/20/23 18:51	07/25/23 14:55	1
1,3-Dichloropropane, Total	<0.0021		0.0021	0.00075	mg/Kg	☼	07/20/23 18:51	07/25/23 14:55	1
Ethylbenzene	<0.0021		0.0021	0.0010	mg/Kg	☼	07/20/23 18:51	07/25/23 14:55	1
2-Hexanone	<0.0054		0.0054	0.0017	mg/Kg	☼	07/20/23 18:51	07/25/23 14:55	1
Methylene Chloride	<0.0054		0.0054	0.0021	mg/Kg	☼	07/20/23 18:51	07/25/23 14:55	1
Methyl Ethyl Ketone	<0.0054	*1	0.0054	0.0024	mg/Kg	☼	07/20/23 18:51	07/25/23 14:55	1
methyl isobutyl ketone	<0.0054		0.0054	0.0016	mg/Kg	☼	07/20/23 18:51	07/25/23 14:55	1
Methyl tert-butyl ether	<0.0021		0.0021	0.00063	mg/Kg	☼	07/20/23 18:51	07/25/23 14:55	1
Styrene	<0.0021		0.0021	0.00065	mg/Kg	☼	07/20/23 18:51	07/25/23 14:55	1
1,1,2,2-Tetrachloroethane	<0.0021		0.0021	0.00069	mg/Kg	☼	07/20/23 18:51	07/25/23 14:55	1
Tetrachloroethene	<0.0021		0.0021	0.00073	mg/Kg	☼	07/20/23 18:51	07/25/23 14:55	1
Toluene	<0.0021		0.0021	0.00054	mg/Kg	☼	07/20/23 18:51	07/25/23 14:55	1
trans-1,2-Dichloroethene	<0.0021		0.0021	0.00095	mg/Kg	☼	07/20/23 18:51	07/25/23 14:55	1
trans-1,3-Dichloropropene	<0.0021		0.0021	0.00075	mg/Kg	☼	07/20/23 18:51	07/25/23 14:55	1
1,1,1-Trichloroethane	<0.0021		0.0021	0.00072	mg/Kg	☼	07/20/23 18:51	07/25/23 14:55	1
1,1,2-Trichloroethane	<0.0021		0.0021	0.00092	mg/Kg	☼	07/20/23 18:51	07/25/23 14:55	1
Trichloroethene	<0.0021		0.0021	0.00073	mg/Kg	☼	07/20/23 18:51	07/25/23 14:55	1
Vinyl chloride	<0.0021		0.0021	0.00095	mg/Kg	☼	07/20/23 18:51	07/25/23 14:55	1
Xylenes, Total	<0.0043		0.0043	0.00069	mg/Kg	☼	07/20/23 18:51	07/25/23 14:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		75 - 131	07/20/23 18:51	07/25/23 14:55	1
Dibromofluoromethane (Surr)	118		75 - 126	07/20/23 18:51	07/25/23 14:55	1
1,2-Dichloroethane-d4 (Surr)	131		70 - 134	07/20/23 18:51	07/25/23 14:55	1
Toluene-d8 (Surr)	114		75 - 124	07/20/23 18:51	07/25/23 14:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.21		0.21	0.044	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
1,2-Dichlorobenzene	<0.21		0.21	0.049	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
1,3-Dichlorobenzene	<0.21		0.21	0.046	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
1,4-Dichlorobenzene	<0.21		0.21	0.053	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
2,2'-oxybis[1-chloropropane]	<0.21		0.21	0.048	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236926-1

Client Sample ID: ROW-8(0-6.5)-071923

Lab Sample ID: 500-236926-7

Date Collected: 07/19/23 15:40

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 79.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.41		0.41	0.094	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
2,4,6-Trichlorophenol	<0.41		0.41	0.14	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
2,4-Dichlorophenol	<0.41		0.41	0.098	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
2,4-Dimethylphenol	<0.41		0.41	0.16	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
2,4-Dinitrophenol	<0.83		0.83	0.73	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
2,4-Dinitrotoluene	<0.21		0.21	0.066	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
2,6-Dinitrotoluene	<0.21		0.21	0.081	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
2-Chloronaphthalene	<0.21		0.21	0.046	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
2-Chlorophenol	<0.21		0.21	0.070	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
2-Methylnaphthalene	<0.083		0.083	0.0076	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
2-Methylphenol	<0.21		0.21	0.066	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
2-Nitroaniline	<0.21		0.21	0.055	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
2-Nitrophenol	<0.41		0.41	0.097	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
3 & 4 Methylphenol	<0.21		0.21	0.069	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
3,3'-Dichlorobenzidine	<0.21		0.21	0.058	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
3-Nitroaniline	<0.41		0.41	0.13	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
4,6-Dinitro-2-methylphenol	<0.83		0.83	0.33	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
4-Bromophenyl phenyl ether	<0.21		0.21	0.054	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
4-Chloro-3-methylphenol	<0.41		0.41	0.14	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
4-Chloroaniline	<0.83		0.83	0.19	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
4-Chlorophenyl phenyl ether	<0.21		0.21	0.048	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
4-Nitroaniline	<0.41		0.41	0.17	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
4-Nitrophenol	<0.83		0.83	0.39	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
Acenaphthene	<0.041		0.041	0.0074	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
Acenaphthylene	<0.041		0.041	0.0054	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
Anthracene	<0.041		0.041	0.0069	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
Benzo[a]anthracene	0.025	J	0.041	0.0055	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
Benzo[a]pyrene	0.046		0.041	0.0080	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
Benzo[b]fluoranthene	0.053		0.041	0.0089	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
Benzo[g,h,i]perylene	0.043		0.041	0.013	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
Benzo[k]fluoranthene	0.013	J	0.041	0.012	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
Bis(2-chloroethoxy)methane	<0.21		0.21	0.042	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
Bis(2-chloroethyl)ether	<0.21		0.21	0.062	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
Bis(2-ethylhexyl) phthalate	<0.21		0.21	0.075	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
Butyl benzyl phthalate	<0.21		0.21	0.078	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
Carbazole	<0.21		0.21	0.10	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
Chrysene	0.030	J	0.041	0.011	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
Dibenz(a,h)anthracene	0.025	J	0.041	0.0080	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
Dibenzofuran	<0.21		0.21	0.048	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
Diethyl phthalate	<0.21		0.21	0.070	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
Dimethyl phthalate	<0.21		0.21	0.054	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
Di-n-butyl phthalate	<0.21		0.21	0.063	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
Di-n-octyl phthalate	<0.21		0.21	0.067	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
Fluoranthene	0.051		0.041	0.0076	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
Fluorene	<0.041		0.041	0.0058	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
Hexachlorobenzene	<0.083		0.083	0.0096	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
Hexachlorobutadiene	<0.21		0.21	0.065	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
Hexachlorocyclopentadiene	<0.83		0.83	0.24	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1
Hexachloroethane	<0.21		0.21	0.063	mg/Kg	☼	07/22/23 12:38	07/25/23 03:09	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236926-1

Client Sample ID: ROW-8(0-6.5)-071923

Lab Sample ID: 500-236926-7

Date Collected: 07/19/23 15:40

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 79.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.054		0.041	0.011	mg/Kg	✳	07/22/23 12:38	07/25/23 03:09	1
Isophorone	<0.21		0.21	0.046	mg/Kg	✳	07/22/23 12:38	07/25/23 03:09	1
Naphthalene	<0.041		0.041	0.0063	mg/Kg	✳	07/22/23 12:38	07/25/23 03:09	1
Nitrobenzene	<0.041		0.041	0.010	mg/Kg	✳	07/22/23 12:38	07/25/23 03:09	1
N-Nitrosodi-n-propylamine	<0.083		0.083	0.050	mg/Kg	✳	07/22/23 12:38	07/25/23 03:09	1
N-Nitrosodiphenylamine	<0.21		0.21	0.049	mg/Kg	✳	07/22/23 12:38	07/25/23 03:09	1
Pentachlorophenol	<0.83		0.83	0.66	mg/Kg	✳	07/22/23 12:38	07/25/23 03:09	1
Phenanthrene	0.020	J	0.041	0.0057	mg/Kg	✳	07/22/23 12:38	07/25/23 03:09	1
Phenol	<0.21		0.21	0.092	mg/Kg	✳	07/22/23 12:38	07/25/23 03:09	1
Pyrene	0.043		0.041	0.0082	mg/Kg	✳	07/22/23 12:38	07/25/23 03:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	55		31 - 166				07/22/23 12:38	07/25/23 03:09	1
Phenol-d5 (Surr)	54		30 - 153				07/22/23 12:38	07/25/23 03:09	1
Nitrobenzene-d5 (Surr)	48		37 - 147				07/22/23 12:38	07/25/23 03:09	1
2-Fluorobiphenyl (Surr)	56		43 - 145				07/22/23 12:38	07/25/23 03:09	1
2,4,6-Tribromophenol (Surr)	76		31 - 143				07/22/23 12:38	07/25/23 03:09	1
Terphenyl-d14 (Surr)	81		42 - 157				07/22/23 12:38	07/25/23 03:09	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	14000		23	9.4	mg/Kg	✳	07/24/23 15:00	07/25/23 18:00	1
Antimony	0.60	J	2.3	0.45	mg/Kg	✳	07/24/23 15:00	07/25/23 18:00	1
Arsenic	8.1		1.2	0.39	mg/Kg	✳	07/24/23 15:00	07/25/23 18:00	1
Barium	79	B	1.2	0.13	mg/Kg	✳	07/24/23 15:00	07/25/23 18:00	1
Beryllium	0.98		0.46	0.11	mg/Kg	✳	07/24/23 15:00	07/25/23 18:00	1
Cadmium	0.43	B	0.23	0.041	mg/Kg	✳	07/24/23 15:00	07/25/23 18:00	1
Calcium	6700	B	12	2.1	mg/Kg	✳	07/26/23 15:09	07/27/23 15:20	1
Chromium	21		1.2	0.57	mg/Kg	✳	07/24/23 15:00	07/25/23 18:00	1
Cobalt	11		0.58	0.15	mg/Kg	✳	07/24/23 15:00	07/25/23 18:00	1
Copper	23		1.2	0.32	mg/Kg	✳	07/24/23 15:00	07/25/23 18:00	1
Iron	40000		61	32	mg/Kg	✳	07/26/23 15:09	07/28/23 21:10	5
Lead	27		1.5	0.71	mg/Kg	✳	07/26/23 15:09	07/28/23 21:10	5
Magnesium	5000		12	5.7	mg/Kg	✳	07/24/23 15:00	07/25/23 18:00	1
Manganese	630		0.61	0.089	mg/Kg	✳	07/26/23 15:09	07/27/23 15:20	1
Nickel	31		3.1	0.89	mg/Kg	✳	07/26/23 15:09	07/28/23 21:10	5
Potassium	1600		58	20	mg/Kg	✳	07/24/23 15:00	07/25/23 18:00	1
Selenium	<1.2		1.2	0.68	mg/Kg	✳	07/24/23 15:00	07/25/23 18:00	1
Silver	0.57	J	0.58	0.15	mg/Kg	✳	07/24/23 15:00	07/25/23 18:00	1
Sodium	1800		120	17	mg/Kg	✳	07/24/23 15:00	07/25/23 18:00	1
Thallium	<1.2		1.2	0.58	mg/Kg	✳	07/24/23 15:00	07/25/23 18:00	1
Vanadium	29		0.58	0.14	mg/Kg	✳	07/24/23 15:00	07/25/23 18:00	1
Zinc	65		1.2	0.54	mg/Kg	✳	07/26/23 15:09	07/27/23 15:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.011	J	0.050	0.010	mg/L		07/24/23 16:06	07/25/23 16:45	1
Barium	0.33	J	0.50	0.050	mg/L		07/24/23 16:06	07/25/23 16:45	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/24/23 16:06	07/25/23 16:45	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/24/23 16:06	07/25/23 16:45	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236926-1

Client Sample ID: ROW-8(0-6.5)-071923

Lab Sample ID: 500-236926-7

Date Collected: 07/19/23 15:40

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 79.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 16:45	1
Cobalt	0.029		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 16:45	1
Copper	<0.025		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 16:45	1
Iron	<0.40		0.40	0.20	mg/L		07/24/23 16:06	07/25/23 16:45	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/24/23 16:06	07/25/23 16:45	1
Manganese	16		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 16:45	1
Nickel	0.015	J	0.025	0.010	mg/L		07/24/23 16:06	07/25/23 16:45	1
Selenium	<0.050		0.050	0.020	mg/L		07/24/23 16:06	07/25/23 16:45	1
Silver	<0.025		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 16:45	1
Zinc	0.029	J	0.50	0.020	mg/L		07/24/23 16:06	07/25/23 16:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.049	J	0.050	0.010	mg/L		07/24/23 16:07	07/26/23 01:50	1
Barium	0.63		0.50	0.050	mg/L		07/24/23 16:07	07/26/23 01:50	1
Beryllium	0.0070		0.0040	0.0040	mg/L		07/24/23 16:07	07/26/23 01:50	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/24/23 16:07	07/26/23 01:50	1
Chromium	0.16		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:50	1
Cobalt	0.057		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:50	1
Copper	0.13		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:50	1
Iron	160		0.40	0.20	mg/L		07/24/23 16:07	07/26/23 01:50	1
Lead	0.074		0.0075	0.0075	mg/L		07/24/23 16:07	07/26/23 01:50	1
Manganese	1.8		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:50	1
Nickel	0.13		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:50	1
Selenium	<0.050		0.050	0.020	mg/L		07/24/23 16:07	07/26/23 01:50	1
Silver	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:50	1
Zinc	0.43	J	0.50	0.020	mg/L		07/24/23 16:07	07/26/23 01:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/28/23 12:30	07/31/23 10:50	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.041		0.020	0.010	mg/Kg	☆	07/27/23 16:55	07/28/23 09:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.8		0.2	0.2	SU			07/24/23 21:08	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236926-1

Client Sample ID: ROW-8(6.5-13)-071923

Lab Sample ID: 500-236926-8

Date Collected: 07/19/23 15:45

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 80.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.033	*+ *1	0.016	0.0071	mg/Kg	☼	07/20/23 18:51	07/25/23 15:19	1
Benzene	<0.0016		0.0016	0.00042	mg/Kg	☼	07/20/23 18:51	07/25/23 15:19	1
Bromodichloromethane	<0.0016		0.0016	0.00033	mg/Kg	☼	07/20/23 18:51	07/25/23 15:19	1
Bromoform	<0.0016		0.0016	0.00048	mg/Kg	☼	07/20/23 18:51	07/25/23 15:19	1
Bromomethane	<0.0041		0.0041	0.0015	mg/Kg	☼	07/20/23 18:51	07/25/23 15:19	1
Carbon disulfide	<0.0041		0.0041	0.00085	mg/Kg	☼	07/20/23 18:51	07/25/23 15:19	1
Carbon tetrachloride	<0.0016		0.0016	0.00047	mg/Kg	☼	07/20/23 18:51	07/25/23 15:19	1
Chlorobenzene	<0.0016		0.0016	0.00060	mg/Kg	☼	07/20/23 18:51	07/25/23 15:19	1
Chloroethane	<0.0041		0.0041	0.0012	mg/Kg	☼	07/20/23 18:51	07/25/23 15:19	1
Chloroform	<0.0016		0.0016	0.00056	mg/Kg	☼	07/20/23 18:51	07/25/23 15:19	1
Chloromethane	<0.0041		0.0041	0.0016	mg/Kg	☼	07/20/23 18:51	07/25/23 15:19	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00046	mg/Kg	☼	07/20/23 18:51	07/25/23 15:19	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00049	mg/Kg	☼	07/20/23 18:51	07/25/23 15:19	1
Dibromochloromethane	<0.0016		0.0016	0.00053	mg/Kg	☼	07/20/23 18:51	07/25/23 15:19	1
1,1-Dichloroethane	<0.0016		0.0016	0.00056	mg/Kg	☼	07/20/23 18:51	07/25/23 15:19	1
1,2-Dichloroethane	<0.0041		0.0041	0.0013	mg/Kg	☼	07/20/23 18:51	07/25/23 15:19	1
1,1-Dichloroethene	<0.0016		0.0016	0.00056	mg/Kg	☼	07/20/23 18:51	07/25/23 15:19	1
1,2-Dichloropropane	<0.0016		0.0016	0.00042	mg/Kg	☼	07/20/23 18:51	07/25/23 15:19	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00057	mg/Kg	☼	07/20/23 18:51	07/25/23 15:19	1
Ethylbenzene	<0.0016		0.0016	0.00078	mg/Kg	☼	07/20/23 18:51	07/25/23 15:19	1
2-Hexanone	<0.0041		0.0041	0.0013	mg/Kg	☼	07/20/23 18:51	07/25/23 15:19	1
Methylene Chloride	<0.0041		0.0041	0.0016	mg/Kg	☼	07/20/23 18:51	07/25/23 15:19	1
Methyl Ethyl Ketone	0.0046	*1	0.0041	0.0018	mg/Kg	☼	07/20/23 18:51	07/25/23 15:19	1
methyl isobutyl ketone	<0.0041		0.0041	0.0012	mg/Kg	☼	07/20/23 18:51	07/25/23 15:19	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00048	mg/Kg	☼	07/20/23 18:51	07/25/23 15:19	1
Styrene	<0.0016		0.0016	0.00049	mg/Kg	☼	07/20/23 18:51	07/25/23 15:19	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00052	mg/Kg	☼	07/20/23 18:51	07/25/23 15:19	1
Tetrachloroethene	<0.0016		0.0016	0.00055	mg/Kg	☼	07/20/23 18:51	07/25/23 15:19	1
Toluene	<0.0016		0.0016	0.00041	mg/Kg	☼	07/20/23 18:51	07/25/23 15:19	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00072	mg/Kg	☼	07/20/23 18:51	07/25/23 15:19	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00057	mg/Kg	☼	07/20/23 18:51	07/25/23 15:19	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00055	mg/Kg	☼	07/20/23 18:51	07/25/23 15:19	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00070	mg/Kg	☼	07/20/23 18:51	07/25/23 15:19	1
Trichloroethene	<0.0016		0.0016	0.00055	mg/Kg	☼	07/20/23 18:51	07/25/23 15:19	1
Vinyl chloride	<0.0016		0.0016	0.00072	mg/Kg	☼	07/20/23 18:51	07/25/23 15:19	1
Xylenes, Total	<0.0033		0.0033	0.00052	mg/Kg	☼	07/20/23 18:51	07/25/23 15:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		75 - 131	07/20/23 18:51	07/25/23 15:19	1
Dibromofluoromethane (Surr)	117		75 - 126	07/20/23 18:51	07/25/23 15:19	1
1,2-Dichloroethane-d4 (Surr)	132		70 - 134	07/20/23 18:51	07/25/23 15:19	1
Toluene-d8 (Surr)	114		75 - 124	07/20/23 18:51	07/25/23 15:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.21		0.21	0.044	mg/Kg	☼	07/22/23 12:38	07/25/23 02:04	1
1,2-Dichlorobenzene	<0.21		0.21	0.049	mg/Kg	☼	07/22/23 12:38	07/25/23 02:04	1
1,3-Dichlorobenzene	<0.21		0.21	0.046	mg/Kg	☼	07/22/23 12:38	07/25/23 02:04	1
1,4-Dichlorobenzene	<0.21		0.21	0.053	mg/Kg	☼	07/22/23 12:38	07/25/23 02:04	1
2,2'-oxybis[1-chloropropane]	<0.21		0.21	0.048	mg/Kg	☼	07/22/23 12:38	07/25/23 02:04	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236926-1

Client Sample ID: ROW-8(6.5-13)-071923

Lab Sample ID: 500-236926-8

Date Collected: 07/19/23 15:45

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 80.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.41		0.41	0.094	mg/Kg	✱	07/22/23 12:38	07/25/23 02:04	1
2,4,6-Trichlorophenol	<0.41		0.41	0.14	mg/Kg	✱	07/22/23 12:38	07/25/23 02:04	1
2,4-Dichlorophenol	<0.41		0.41	0.098	mg/Kg	✱	07/22/23 12:38	07/25/23 02:04	1
2,4-Dimethylphenol	<0.41		0.41	0.16	mg/Kg	✱	07/22/23 12:38	07/25/23 02:04	1
2,4-Dinitrophenol	<0.83		0.83	0.73	mg/Kg	✱	07/22/23 12:38	07/25/23 02:04	1
2,4-Dinitrotoluene	<0.21		0.21	0.065	mg/Kg	✱	07/22/23 12:38	07/25/23 02:04	1
2,6-Dinitrotoluene	<0.21		0.21	0.081	mg/Kg	✱	07/22/23 12:38	07/25/23 02:04	1
2-Chloronaphthalene	<0.21		0.21	0.046	mg/Kg	✱	07/22/23 12:38	07/25/23 02:04	1
2-Chlorophenol	<0.21		0.21	0.070	mg/Kg	✱	07/22/23 12:38	07/25/23 02:04	1
2-Methylnaphthalene	<0.083		0.083	0.0076	mg/Kg	✱	07/22/23 12:38	07/25/23 02:04	1
2-Methylphenol	<0.21		0.21	0.066	mg/Kg	✱	07/22/23 12:38	07/25/23 02:04	1
2-Nitroaniline	<0.21		0.21	0.055	mg/Kg	✱	07/22/23 12:38	07/25/23 02:04	1
2-Nitrophenol	<0.41		0.41	0.097	mg/Kg	✱	07/22/23 12:38	07/25/23 02:04	1
3 & 4 Methylphenol	<0.21		0.21	0.069	mg/Kg	✱	07/22/23 12:38	07/25/23 02:04	1
3,3'-Dichlorobenzidine	<0.21		0.21	0.058	mg/Kg	✱	07/22/23 12:38	07/25/23 02:04	1
3-Nitroaniline	<0.41		0.41	0.13	mg/Kg	✱	07/22/23 12:38	07/25/23 02:04	1
4,6-Dinitro-2-methylphenol	<0.83		0.83	0.33	mg/Kg	✱	07/22/23 12:38	07/25/23 02:04	1
4-Bromophenyl phenyl ether	<0.21		0.21	0.054	mg/Kg	✱	07/22/23 12:38	07/25/23 02:04	1
4-Chloro-3-methylphenol	<0.41		0.41	0.14	mg/Kg	✱	07/22/23 12:38	07/25/23 02:04	1
4-Chloroaniline	<0.83		0.83	0.19	mg/Kg	✱	07/22/23 12:38	07/25/23 02:04	1
4-Chlorophenyl phenyl ether	<0.21		0.21	0.048	mg/Kg	✱	07/22/23 12:38	07/25/23 02:04	1
4-Nitroaniline	<0.41		0.41	0.17	mg/Kg	✱	07/22/23 12:38	07/25/23 02:04	1
4-Nitrophenol	<0.83		0.83	0.39	mg/Kg	✱	07/22/23 12:38	07/25/23 02:04	1
Acenaphthene	<0.041		0.041	0.0074	mg/Kg	✱	07/22/23 12:38	07/25/23 02:04	1
Acenaphthylene	<0.041		0.041	0.0054	mg/Kg	✱	07/22/23 12:38	07/25/23 02:04	1
Anthracene	<0.041		0.041	0.0069	mg/Kg	✱	07/22/23 12:38	07/25/23 02:04	1
Benzo[a]anthracene	<0.041		0.041	0.0055	mg/Kg	✱	07/22/23 12:38	07/25/23 02:04	1
Benzo[a]pyrene	<0.041		0.041	0.0080	mg/Kg	✱	07/22/23 12:38	07/25/23 02:04	1
Benzo[b]fluoranthene	<0.041		0.041	0.0089	mg/Kg	✱	07/22/23 12:38	07/25/23 02:04	1
Benzo[g,h,i]perylene	<0.041		0.041	0.013	mg/Kg	✱	07/22/23 12:38	07/25/23 02:04	1
Benzo[k]fluoranthene	<0.041		0.041	0.012	mg/Kg	✱	07/22/23 12:38	07/25/23 02:04	1
Bis(2-chloroethoxy)methane	<0.21		0.21	0.042	mg/Kg	✱	07/22/23 12:38	07/25/23 02:04	1
Bis(2-chloroethyl)ether	<0.21		0.21	0.062	mg/Kg	✱	07/22/23 12:38	07/25/23 02:04	1
Bis(2-ethylhexyl) phthalate	<0.21		0.21	0.075	mg/Kg	✱	07/22/23 12:38	07/25/23 02:04	1
Butyl benzyl phthalate	<0.21		0.21	0.078	mg/Kg	✱	07/22/23 12:38	07/25/23 02:04	1
Carbazole	<0.21		0.21	0.10	mg/Kg	✱	07/22/23 12:38	07/25/23 02:04	1
Chrysene	<0.041		0.041	0.011	mg/Kg	✱	07/22/23 12:38	07/25/23 02:04	1
Dibenz(a,h)anthracene	<0.041		0.041	0.0080	mg/Kg	✱	07/22/23 12:38	07/25/23 02:04	1
Dibenzofuran	<0.21		0.21	0.048	mg/Kg	✱	07/22/23 12:38	07/25/23 02:04	1
Diethyl phthalate	<0.21		0.21	0.070	mg/Kg	✱	07/22/23 12:38	07/25/23 02:04	1
Dimethyl phthalate	<0.21		0.21	0.054	mg/Kg	✱	07/22/23 12:38	07/25/23 02:04	1
Di-n-butyl phthalate	<0.21		0.21	0.063	mg/Kg	✱	07/22/23 12:38	07/25/23 02:04	1
Di-n-octyl phthalate	<0.21		0.21	0.067	mg/Kg	✱	07/22/23 12:38	07/25/23 02:04	1
Fluoranthene	<0.041		0.041	0.0076	mg/Kg	✱	07/22/23 12:38	07/25/23 02:04	1
Fluorene	<0.041		0.041	0.0058	mg/Kg	✱	07/22/23 12:38	07/25/23 02:04	1
Hexachlorobenzene	<0.083		0.083	0.0095	mg/Kg	✱	07/22/23 12:38	07/25/23 02:04	1
Hexachlorobutadiene	<0.21		0.21	0.065	mg/Kg	✱	07/22/23 12:38	07/25/23 02:04	1
Hexachlorocyclopentadiene	<0.83		0.83	0.24	mg/Kg	✱	07/22/23 12:38	07/25/23 02:04	1
Hexachloroethane	<0.21		0.21	0.063	mg/Kg	✱	07/22/23 12:38	07/25/23 02:04	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236926-1

Client Sample ID: ROW-8(6.5-13)-071923

Lab Sample ID: 500-236926-8

Date Collected: 07/19/23 15:45

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 80.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.041		0.041	0.011	mg/Kg	✳	07/22/23 12:38	07/25/23 02:04	1
Isophorone	<0.21		0.21	0.046	mg/Kg	✳	07/22/23 12:38	07/25/23 02:04	1
Naphthalene	<0.041		0.041	0.0063	mg/Kg	✳	07/22/23 12:38	07/25/23 02:04	1
Nitrobenzene	<0.041		0.041	0.010	mg/Kg	✳	07/22/23 12:38	07/25/23 02:04	1
N-Nitrosodi-n-propylamine	<0.083		0.083	0.050	mg/Kg	✳	07/22/23 12:38	07/25/23 02:04	1
N-Nitrosodiphenylamine	<0.21		0.21	0.049	mg/Kg	✳	07/22/23 12:38	07/25/23 02:04	1
Pentachlorophenol	<0.83		0.83	0.66	mg/Kg	✳	07/22/23 12:38	07/25/23 02:04	1
Phenanthrene	<0.041		0.041	0.0057	mg/Kg	✳	07/22/23 12:38	07/25/23 02:04	1
Phenol	<0.21		0.21	0.092	mg/Kg	✳	07/22/23 12:38	07/25/23 02:04	1
Pyrene	<0.041		0.041	0.0082	mg/Kg	✳	07/22/23 12:38	07/25/23 02:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	70		31 - 166	07/22/23 12:38	07/25/23 02:04	1
Phenol-d5 (Surr)	63		30 - 153	07/22/23 12:38	07/25/23 02:04	1
Nitrobenzene-d5 (Surr)	54		37 - 147	07/22/23 12:38	07/25/23 02:04	1
2-Fluorobiphenyl (Surr)	59		43 - 145	07/22/23 12:38	07/25/23 02:04	1
2,4,6-Tribromophenol (Surr)	88		31 - 143	07/22/23 12:38	07/25/23 02:04	1
Terphenyl-d14 (Surr)	87		42 - 157	07/22/23 12:38	07/25/23 02:04	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9000		22	9.0	mg/Kg	✳	07/24/23 15:00	07/25/23 18:04	1
Antimony	0.55	J	2.2	0.43	mg/Kg	✳	07/24/23 15:00	07/25/23 18:04	1
Arsenic	6.4		1.1	0.37	mg/Kg	✳	07/24/23 15:00	07/25/23 18:04	1
Barium	43	B	1.1	0.12	mg/Kg	✳	07/24/23 15:00	07/25/23 18:04	1
Beryllium	0.67		0.44	0.10	mg/Kg	✳	07/24/23 15:00	07/25/23 18:04	1
Cadmium	0.24	B	0.22	0.039	mg/Kg	✳	07/24/23 15:00	07/25/23 18:04	1
Calcium	36000	B	12	2.1	mg/Kg	✳	07/26/23 15:09	07/27/23 15:24	1
Chromium	15		1.1	0.54	mg/Kg	✳	07/24/23 15:00	07/25/23 18:04	1
Cobalt	9.2		0.55	0.14	mg/Kg	✳	07/24/23 15:00	07/25/23 18:04	1
Copper	21		1.1	0.31	mg/Kg	✳	07/24/23 15:00	07/25/23 18:04	1
Iron	18000		12	6.4	mg/Kg	✳	07/26/23 15:09	07/27/23 15:24	1
Lead	14		0.31	0.14	mg/Kg	✳	07/26/23 15:09	07/27/23 15:24	1
Magnesium	40000		11	5.4	mg/Kg	✳	07/24/23 15:00	07/25/23 18:04	1
Manganese	470		0.62	0.090	mg/Kg	✳	07/26/23 15:09	07/27/23 15:24	1
Nickel	22		0.62	0.18	mg/Kg	✳	07/26/23 15:09	07/27/23 15:24	1
Potassium	2000		55	19	mg/Kg	✳	07/24/23 15:00	07/25/23 18:04	1
Selenium	<1.1		1.1	0.64	mg/Kg	✳	07/24/23 15:00	07/25/23 18:04	1
Silver	0.31	J	0.55	0.14	mg/Kg	✳	07/24/23 15:00	07/25/23 18:04	1
Sodium	500		110	16	mg/Kg	✳	07/24/23 15:00	07/25/23 18:04	1
Thallium	<1.1		1.1	0.55	mg/Kg	✳	07/24/23 15:00	07/25/23 18:04	1
Vanadium	17		0.55	0.13	mg/Kg	✳	07/24/23 15:00	07/25/23 18:04	1
Zinc	53		1.2	0.54	mg/Kg	✳	07/26/23 15:09	07/27/23 15:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/24/23 16:06	07/25/23 16:56	1
Barium	0.33	J	0.50	0.050	mg/L		07/24/23 16:06	07/25/23 16:56	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/24/23 16:06	07/25/23 16:56	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/24/23 16:06	07/25/23 16:56	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236926-1

Client Sample ID: ROW-8(6.5-13)-071923

Lab Sample ID: 500-236926-8

Date Collected: 07/19/23 15:45

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 80.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 16:56	1
Cobalt	0.012	J	0.025	0.010	mg/L		07/24/23 16:06	07/25/23 16:56	1
Copper	<0.025		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 16:56	1
Iron	<0.40		0.40	0.20	mg/L		07/24/23 16:06	07/25/23 16:56	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/24/23 16:06	07/25/23 16:56	1
Manganese	3.9		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 16:56	1
Nickel	0.012	J	0.025	0.010	mg/L		07/24/23 16:06	07/25/23 16:56	1
Selenium	<0.050		0.050	0.020	mg/L		07/24/23 16:06	07/25/23 16:56	1
Silver	<0.025		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 16:56	1
Zinc	<0.50		0.50	0.020	mg/L		07/24/23 16:06	07/25/23 16:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.039	J	0.050	0.010	mg/L		07/24/23 16:07	07/26/23 01:53	1
Barium	0.22	J	0.50	0.050	mg/L		07/24/23 16:07	07/26/23 01:53	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/24/23 16:07	07/26/23 01:53	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/24/23 16:07	07/26/23 01:53	1
Chromium	0.079		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:53	1
Cobalt	0.034		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:53	1
Copper	0.094		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:53	1
Iron	74		0.40	0.20	mg/L		07/24/23 16:07	07/26/23 01:53	1
Lead	0.040		0.0075	0.0075	mg/L		07/24/23 16:07	07/26/23 01:53	1
Manganese	0.81		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:53	1
Nickel	0.097		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:53	1
Selenium	<0.050		0.050	0.020	mg/L		07/24/23 16:07	07/26/23 01:53	1
Silver	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:53	1
Zinc	0.23	J	0.50	0.020	mg/L		07/24/23 16:07	07/26/23 01:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/28/23 12:30	07/31/23 10:52	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.035		0.019	0.010	mg/Kg	☆	07/27/23 16:55	07/28/23 10:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.6		0.2	0.2	SU			07/24/23 21:13	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236926-1

Client Sample ID: ROW-8(13-20)-071923

Lab Sample ID: 500-236926-9

Date Collected: 07/19/23 15:50

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 88.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016	*+ *1	0.016	0.0070	mg/Kg	☼	07/20/23 18:51	07/25/23 15:43	1
Benzene	<0.0016		0.0016	0.00041	mg/Kg	☼	07/20/23 18:51	07/25/23 15:43	1
Bromodichloromethane	<0.0016		0.0016	0.00033	mg/Kg	☼	07/20/23 18:51	07/25/23 15:43	1
Bromoform	<0.0016		0.0016	0.00047	mg/Kg	☼	07/20/23 18:51	07/25/23 15:43	1
Bromomethane	<0.0040		0.0040	0.0015	mg/Kg	☼	07/20/23 18:51	07/25/23 15:43	1
Carbon disulfide	<0.0040		0.0040	0.00083	mg/Kg	☼	07/20/23 18:51	07/25/23 15:43	1
Carbon tetrachloride	<0.0016		0.0016	0.00047	mg/Kg	☼	07/20/23 18:51	07/25/23 15:43	1
Chlorobenzene	<0.0016		0.0016	0.00059	mg/Kg	☼	07/20/23 18:51	07/25/23 15:43	1
Chloroethane	<0.0040		0.0040	0.0012	mg/Kg	☼	07/20/23 18:51	07/25/23 15:43	1
Chloroform	<0.0016		0.0016	0.00056	mg/Kg	☼	07/20/23 18:51	07/25/23 15:43	1
Chloromethane	<0.0040		0.0040	0.0016	mg/Kg	☼	07/20/23 18:51	07/25/23 15:43	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00045	mg/Kg	☼	07/20/23 18:51	07/25/23 15:43	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00048	mg/Kg	☼	07/20/23 18:51	07/25/23 15:43	1
Dibromochloromethane	<0.0016		0.0016	0.00052	mg/Kg	☼	07/20/23 18:51	07/25/23 15:43	1
1,1-Dichloroethane	<0.0016		0.0016	0.00055	mg/Kg	☼	07/20/23 18:51	07/25/23 15:43	1
1,2-Dichloroethane	<0.0040		0.0040	0.0013	mg/Kg	☼	07/20/23 18:51	07/25/23 15:43	1
1,1-Dichloroethene	<0.0016		0.0016	0.00055	mg/Kg	☼	07/20/23 18:51	07/25/23 15:43	1
1,2-Dichloropropane	<0.0016		0.0016	0.00041	mg/Kg	☼	07/20/23 18:51	07/25/23 15:43	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00056	mg/Kg	☼	07/20/23 18:51	07/25/23 15:43	1
Ethylbenzene	<0.0016		0.0016	0.00077	mg/Kg	☼	07/20/23 18:51	07/25/23 15:43	1
2-Hexanone	<0.0040		0.0040	0.0013	mg/Kg	☼	07/20/23 18:51	07/25/23 15:43	1
Methylene Chloride	<0.0040		0.0040	0.0016	mg/Kg	☼	07/20/23 18:51	07/25/23 15:43	1
Methyl Ethyl Ketone	<0.0040	*1	0.0040	0.0018	mg/Kg	☼	07/20/23 18:51	07/25/23 15:43	1
methyl isobutyl ketone	<0.0040		0.0040	0.0012	mg/Kg	☼	07/20/23 18:51	07/25/23 15:43	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00047	mg/Kg	☼	07/20/23 18:51	07/25/23 15:43	1
Styrene	<0.0016		0.0016	0.00048	mg/Kg	☼	07/20/23 18:51	07/25/23 15:43	1
1,1,2,2-Tetrachloroethane	<0.0016	*3	0.0016	0.00051	mg/Kg	☼	07/20/23 18:51	07/25/23 15:43	1
Tetrachloroethene	<0.0016		0.0016	0.00055	mg/Kg	☼	07/20/23 18:51	07/25/23 15:43	1
Toluene	<0.0016		0.0016	0.00041	mg/Kg	☼	07/20/23 18:51	07/25/23 15:43	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00071	mg/Kg	☼	07/20/23 18:51	07/25/23 15:43	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00056	mg/Kg	☼	07/20/23 18:51	07/25/23 15:43	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00054	mg/Kg	☼	07/20/23 18:51	07/25/23 15:43	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00069	mg/Kg	☼	07/20/23 18:51	07/25/23 15:43	1
Trichloroethene	<0.0016		0.0016	0.00054	mg/Kg	☼	07/20/23 18:51	07/25/23 15:43	1
Vinyl chloride	<0.0016		0.0016	0.00071	mg/Kg	☼	07/20/23 18:51	07/25/23 15:43	1
Xylenes, Total	<0.0032		0.0032	0.00051	mg/Kg	☼	07/20/23 18:51	07/25/23 15:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	171	*3 S1+	75 - 131	07/20/23 18:51	07/25/23 15:43	1
Dibromofluoromethane (Surr)	113		75 - 126	07/20/23 18:51	07/25/23 15:43	1
1,2-Dichloroethane-d4 (Surr)	128		70 - 134	07/20/23 18:51	07/25/23 15:43	1
Toluene-d8 (Surr)	132	S1+	75 - 124	07/20/23 18:51	07/25/23 15:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.039	mg/Kg	☼	07/22/23 12:38	07/24/23 20:51	1
1,2-Dichlorobenzene	<0.18		0.18	0.043	mg/Kg	☼	07/22/23 12:38	07/24/23 20:51	1
1,3-Dichlorobenzene	<0.18		0.18	0.041	mg/Kg	☼	07/22/23 12:38	07/24/23 20:51	1
1,4-Dichlorobenzene	<0.18		0.18	0.046	mg/Kg	☼	07/22/23 12:38	07/24/23 20:51	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.042	mg/Kg	☼	07/22/23 12:38	07/24/23 20:51	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236926-1

Client Sample ID: ROW-8(13-20)-071923

Lab Sample ID: 500-236926-9

Date Collected: 07/19/23 15:50

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 88.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.36		0.36	0.082	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
2,4,6-Trichlorophenol	<0.36		0.36	0.12	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
2,4-Dichlorophenol	<0.36		0.36	0.086	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
2,4-Dimethylphenol	<0.36		0.36	0.14	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
2,4-Dinitrophenol	<0.73		0.73	0.64	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
2,4-Dinitrotoluene	<0.18		0.18	0.057	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
2,6-Dinitrotoluene	<0.18		0.18	0.071	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
2-Chloronaphthalene	<0.18		0.18	0.040	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
2-Chlorophenol	<0.18		0.18	0.062	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
2-Methylnaphthalene	0.040	J	0.073	0.0066	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
2-Methylphenol	<0.18		0.18	0.058	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
2-Nitroaniline	<0.18		0.18	0.049	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
2-Nitrophenol	<0.36		0.36	0.085	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
3 & 4 Methylphenol	<0.18		0.18	0.060	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.051	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
3-Nitroaniline	<0.36		0.36	0.11	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
4,6-Dinitro-2-methylphenol	<0.73		0.73	0.29	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.048	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
4-Chloro-3-methylphenol	<0.36		0.36	0.12	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
4-Chloroaniline	<0.73		0.73	0.17	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.042	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
4-Nitroaniline	<0.36		0.36	0.15	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
4-Nitrophenol	<0.73		0.73	0.34	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
Acenaphthene	<0.036		0.036	0.0065	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
Acenaphthylene	<0.036		0.036	0.0048	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
Anthracene	<0.036		0.036	0.0060	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
Benzo[a]anthracene	<0.036		0.036	0.0049	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
Benzo[a]pyrene	<0.036		0.036	0.0070	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
Benzo[b]fluoranthene	<0.036		0.036	0.0078	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
Benzo[g,h,i]perylene	<0.036		0.036	0.012	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
Benzo[k]fluoranthene	<0.036		0.036	0.011	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.037	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.054	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.066	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
Butyl benzyl phthalate	<0.18		0.18	0.069	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
Carbazole	<0.18		0.18	0.090	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
Chrysene	<0.036		0.036	0.0098	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
Dibenz(a,h)anthracene	<0.036		0.036	0.0070	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
Dibenzofuran	<0.18		0.18	0.042	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
Diethyl phthalate	<0.18		0.18	0.061	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
Dimethyl phthalate	<0.18		0.18	0.047	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
Di-n-butyl phthalate	<0.18		0.18	0.055	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
Di-n-octyl phthalate	<0.18		0.18	0.059	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
Fluoranthene	<0.036		0.036	0.0067	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
Fluorene	<0.036		0.036	0.0051	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
Hexachlorobenzene	<0.073		0.073	0.0084	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
Hexachlorobutadiene	<0.18		0.18	0.057	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
Hexachlorocyclopentadiene	<0.73		0.73	0.21	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
Hexachloroethane	<0.18		0.18	0.055	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236926-1

Client Sample ID: ROW-8(13-20)-071923

Lab Sample ID: 500-236926-9

Date Collected: 07/19/23 15:50

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 88.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.036		0.036	0.0094	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
Isophorone	<0.18		0.18	0.041	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
Naphthalene	<0.036		0.036	0.0056	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
Nitrobenzene	<0.036		0.036	0.0090	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
N-Nitrosodi-n-propylamine	<0.073		0.073	0.044	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
N-Nitrosodiphenylamine	<0.18		0.18	0.043	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
Pentachlorophenol	<0.73		0.73	0.58	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
Phenanthrene	0.068		0.036	0.0050	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
Phenol	<0.18		0.18	0.080	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1
Pyrene	0.0080	J	0.036	0.0072	mg/Kg	✳	07/22/23 12:38	07/24/23 20:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	73		31 - 166	07/22/23 12:38	07/24/23 20:51	1
Phenol-d5 (Surr)	72		30 - 153	07/22/23 12:38	07/24/23 20:51	1
Nitrobenzene-d5 (Surr)	79		37 - 147	07/22/23 12:38	07/24/23 20:51	1
2-Fluorobiphenyl (Surr)	80		43 - 145	07/22/23 12:38	07/24/23 20:51	1
2,4,6-Tribromophenol (Surr)	38		31 - 143	07/22/23 12:38	07/24/23 20:51	1
Terphenyl-d14 (Surr)	85		42 - 157	07/22/23 12:38	07/24/23 20:51	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6200		20	8.1	mg/Kg	✳	07/24/23 15:00	07/25/23 18:14	1
Antimony	0.74	J	2.0	0.38	mg/Kg	✳	07/24/23 15:00	07/25/23 18:14	1
Arsenic	12		0.99	0.34	mg/Kg	✳	07/24/23 15:00	07/25/23 18:14	1
Barium	19	B	0.99	0.11	mg/Kg	✳	07/24/23 15:00	07/25/23 18:14	1
Beryllium	0.60		0.40	0.092	mg/Kg	✳	07/24/23 15:00	07/25/23 18:14	1
Cadmium	0.42	B	0.20	0.036	mg/Kg	✳	07/24/23 15:00	07/25/23 18:14	1
Calcium	56000	B	55	9.3	mg/Kg	✳	07/26/23 15:09	07/28/23 21:13	5
Chromium	11		0.99	0.49	mg/Kg	✳	07/24/23 15:00	07/25/23 18:14	1
Cobalt	9.5		0.49	0.13	mg/Kg	✳	07/24/23 15:00	07/25/23 18:14	1
Copper	32		0.99	0.28	mg/Kg	✳	07/24/23 15:00	07/25/23 18:14	1
Iron	19000		11	5.7	mg/Kg	✳	07/26/23 15:09	07/27/23 15:27	1
Lead	18		0.27	0.13	mg/Kg	✳	07/26/23 15:09	07/27/23 15:27	1
Magnesium	42000		9.9	4.9	mg/Kg	✳	07/24/23 15:00	07/25/23 18:14	1
Manganese	380		0.55	0.079	mg/Kg	✳	07/26/23 15:09	07/27/23 15:27	1
Nickel	29		0.55	0.16	mg/Kg	✳	07/26/23 15:09	07/27/23 15:27	1
Potassium	1800		49	18	mg/Kg	✳	07/24/23 15:00	07/25/23 18:14	1
Selenium	<0.99		0.99	0.58	mg/Kg	✳	07/24/23 15:00	07/25/23 18:14	1
Silver	0.43	J	0.49	0.13	mg/Kg	✳	07/24/23 15:00	07/25/23 18:14	1
Sodium	160		99	15	mg/Kg	✳	07/24/23 15:00	07/25/23 18:14	1
Thallium	<0.99		0.99	0.49	mg/Kg	✳	07/24/23 15:00	07/25/23 18:14	1
Vanadium	14		0.49	0.12	mg/Kg	✳	07/24/23 15:00	07/25/23 18:14	1
Zinc	89		1.1	0.48	mg/Kg	✳	07/26/23 15:09	07/27/23 15:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/24/23 16:06	07/25/23 16:59	1
Barium	0.67		0.50	0.050	mg/L		07/24/23 16:06	07/25/23 16:59	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/24/23 16:06	07/25/23 16:59	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/24/23 16:06	07/25/23 16:59	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236926-1

Client Sample ID: ROW-8(13-20)-071923

Lab Sample ID: 500-236926-9

Date Collected: 07/19/23 15:50

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 88.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 16:59	1
Cobalt	0.020	J	0.025	0.010	mg/L		07/24/23 16:06	07/25/23 16:59	1
Copper	<0.025		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 16:59	1
Iron	<0.40		0.40	0.20	mg/L		07/24/23 16:06	07/25/23 16:59	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/24/23 16:06	07/25/23 16:59	1
Manganese	2.4		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 16:59	1
Nickel	0.037		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 16:59	1
Selenium	<0.050		0.050	0.020	mg/L		07/24/23 16:06	07/25/23 16:59	1
Silver	<0.025		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 16:59	1
Zinc	<0.50		0.50	0.020	mg/L		07/24/23 16:06	07/25/23 16:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/24/23 16:07	07/26/23 01:57	1
Barium	<0.50		0.50	0.050	mg/L		07/24/23 16:07	07/26/23 01:57	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/24/23 16:07	07/26/23 01:57	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/24/23 16:07	07/26/23 01:57	1
Chromium	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:57	1
Cobalt	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:57	1
Copper	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:57	1
Iron	0.72		0.40	0.20	mg/L		07/24/23 16:07	07/26/23 01:57	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/24/23 16:07	07/26/23 01:57	1
Manganese	0.039		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:57	1
Nickel	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:57	1
Selenium	<0.050		0.050	0.020	mg/L		07/24/23 16:07	07/26/23 01:57	1
Silver	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 01:57	1
Zinc	<0.50		0.50	0.020	mg/L		07/24/23 16:07	07/26/23 01:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/28/23 12:30	07/31/23 10:54	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.032		0.017	0.0091	mg/Kg	☆	07/27/23 16:55	07/28/23 10:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.7		0.2	0.2	SU			07/24/23 21:16	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236926-1

Client Sample ID: ROW-10(0-6.5)-071923

Lab Sample ID: 500-236926-14

Date Collected: 07/19/23 16:50

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 83.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.023	*+ *1	0.016	0.0072	mg/Kg	☼	07/20/23 18:51	07/25/23 17:47	1
Benzene	<0.0016		0.0016	0.00042	mg/Kg	☼	07/20/23 18:51	07/25/23 17:47	1
Bromodichloromethane	<0.0016		0.0016	0.00034	mg/Kg	☼	07/20/23 18:51	07/25/23 17:47	1
Bromoform	<0.0016		0.0016	0.00048	mg/Kg	☼	07/20/23 18:51	07/25/23 17:47	1
Bromomethane	<0.0041		0.0041	0.0016	mg/Kg	☼	07/20/23 18:51	07/25/23 17:47	1
Carbon disulfide	<0.0041		0.0041	0.00086	mg/Kg	☼	07/20/23 18:51	07/25/23 17:47	1
Carbon tetrachloride	<0.0016		0.0016	0.00048	mg/Kg	☼	07/20/23 18:51	07/25/23 17:47	1
Chlorobenzene	<0.0016		0.0016	0.00061	mg/Kg	☼	07/20/23 18:51	07/25/23 17:47	1
Chloroethane	<0.0041		0.0041	0.0012	mg/Kg	☼	07/20/23 18:51	07/25/23 17:47	1
Chloroform	<0.0016		0.0016	0.00057	mg/Kg	☼	07/20/23 18:51	07/25/23 17:47	1
Chloromethane	<0.0041		0.0041	0.0017	mg/Kg	☼	07/20/23 18:51	07/25/23 17:47	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00046	mg/Kg	☼	07/20/23 18:51	07/25/23 17:47	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00050	mg/Kg	☼	07/20/23 18:51	07/25/23 17:47	1
Dibromochloromethane	<0.0016		0.0016	0.00054	mg/Kg	☼	07/20/23 18:51	07/25/23 17:47	1
1,1-Dichloroethane	<0.0016		0.0016	0.00056	mg/Kg	☼	07/20/23 18:51	07/25/23 17:47	1
1,2-Dichloroethane	<0.0041		0.0041	0.0013	mg/Kg	☼	07/20/23 18:51	07/25/23 17:47	1
1,1-Dichloroethene	<0.0016		0.0016	0.00057	mg/Kg	☼	07/20/23 18:51	07/25/23 17:47	1
1,2-Dichloropropane	<0.0016		0.0016	0.00043	mg/Kg	☼	07/20/23 18:51	07/25/23 17:47	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00058	mg/Kg	☼	07/20/23 18:51	07/25/23 17:47	1
Ethylbenzene	<0.0016		0.0016	0.00079	mg/Kg	☼	07/20/23 18:51	07/25/23 17:47	1
2-Hexanone	<0.0041		0.0041	0.0013	mg/Kg	☼	07/20/23 18:51	07/25/23 17:47	1
Methylene Chloride	<0.0041		0.0041	0.0016	mg/Kg	☼	07/20/23 18:51	07/25/23 17:47	1
Methyl Ethyl Ketone	<0.0041	*1	0.0041	0.0018	mg/Kg	☼	07/20/23 18:51	07/25/23 17:47	1
methyl isobutyl ketone	<0.0041		0.0041	0.0012	mg/Kg	☼	07/20/23 18:51	07/25/23 17:47	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00048	mg/Kg	☼	07/20/23 18:51	07/25/23 17:47	1
Styrene	<0.0016		0.0016	0.00050	mg/Kg	☼	07/20/23 18:51	07/25/23 17:47	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00053	mg/Kg	☼	07/20/23 18:51	07/25/23 17:47	1
Tetrachloroethene	<0.0016		0.0016	0.00056	mg/Kg	☼	07/20/23 18:51	07/25/23 17:47	1
Toluene	<0.0016		0.0016	0.00042	mg/Kg	☼	07/20/23 18:51	07/25/23 17:47	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00073	mg/Kg	☼	07/20/23 18:51	07/25/23 17:47	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00058	mg/Kg	☼	07/20/23 18:51	07/25/23 17:47	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00055	mg/Kg	☼	07/20/23 18:51	07/25/23 17:47	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00071	mg/Kg	☼	07/20/23 18:51	07/25/23 17:47	1
Trichloroethene	<0.0016		0.0016	0.00056	mg/Kg	☼	07/20/23 18:51	07/25/23 17:47	1
Vinyl chloride	<0.0016		0.0016	0.00073	mg/Kg	☼	07/20/23 18:51	07/25/23 17:47	1
Xylenes, Total	<0.0033		0.0033	0.00053	mg/Kg	☼	07/20/23 18:51	07/25/23 17:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		75 - 131	07/20/23 18:51	07/25/23 17:47	1
Dibromofluoromethane (Surr)	115		75 - 126	07/20/23 18:51	07/25/23 17:47	1
1,2-Dichloroethane-d4 (Surr)	132		70 - 134	07/20/23 18:51	07/25/23 17:47	1
Toluene-d8 (Surr)	115		75 - 124	07/20/23 18:51	07/25/23 17:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.042	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
1,4-Dichlorobenzene	<0.20		0.20	0.050	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.045	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236926-1

Client Sample ID: ROW-10(0-6.5)-071923

Lab Sample ID: 500-236926-14

Date Collected: 07/19/23 16:50

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 83.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.089	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
2,4,6-Trichlorophenol	<0.39		0.39	0.13	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
2,4-Dichlorophenol	<0.39		0.39	0.093	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
2,4-Dinitrophenol	<0.79		0.79	0.69	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
2,4-Dinitrotoluene	<0.20		0.20	0.062	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
2,6-Dinitrotoluene	<0.20		0.20	0.077	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
2-Chloronaphthalene	<0.20		0.20	0.043	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
2-Chlorophenol	<0.20		0.20	0.067	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
2-Methylnaphthalene	<0.079		0.079	0.0072	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
2-Nitrophenol	<0.39		0.39	0.092	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
3 & 4 Methylphenol	<0.20		0.20	0.065	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.31	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
4-Chloroaniline	<0.79		0.79	0.18	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
4-Nitroaniline	<0.39		0.39	0.16	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
4-Nitrophenol	<0.79		0.79	0.37	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
Acenaphthene	<0.039		0.039	0.0070	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
Anthracene	<0.039		0.039	0.0065	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
Benzo[a]anthracene	<0.039		0.039	0.0053	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
Benzo[a]pyrene	<0.039		0.039	0.0076	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
Benzo[b]fluoranthene	<0.039		0.039	0.0084	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
Benzo[g,h,i]perylene	<0.039		0.039	0.013	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
Benzo[k]fluoranthene	<0.039		0.039	0.012	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
Butyl benzyl phthalate	<0.20		0.20	0.074	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
Carbazole	<0.20		0.20	0.098	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
Chrysene	<0.039		0.039	0.011	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
Dibenz(a,h)anthracene	<0.039		0.039	0.0076	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
Diethyl phthalate	<0.20		0.20	0.066	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
Dimethyl phthalate	<0.20		0.20	0.051	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
Fluoranthene	<0.039		0.039	0.0073	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
Fluorene	<0.039		0.039	0.0055	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
Hexachlorobenzene	<0.079		0.079	0.0091	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
Hexachlorocyclopentadiene	<0.79		0.79	0.23	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
Hexachloroethane	<0.20		0.20	0.060	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236926-1

Client Sample ID: ROW-10(0-6.5)-071923

Lab Sample ID: 500-236926-14

Date Collected: 07/19/23 16:50

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 83.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.039		0.039	0.010	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
Naphthalene	<0.039		0.039	0.0060	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
Nitrobenzene	<0.039		0.039	0.0098	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.048	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
N-Nitrosodiphenylamine	<0.20		0.20	0.046	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
Pentachlorophenol	<0.79		0.79	0.63	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
Phenanthrene	<0.039		0.039	0.0055	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
Phenol	<0.20		0.20	0.087	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1
Pyrene	<0.039		0.039	0.0078	mg/Kg	☼	07/22/23 12:38	07/25/23 01:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	74		31 - 166	07/22/23 12:38	07/25/23 01:21	1
Phenol-d5 (Surr)	69		30 - 153	07/22/23 12:38	07/25/23 01:21	1
Nitrobenzene-d5 (Surr)	68		37 - 147	07/22/23 12:38	07/25/23 01:21	1
2-Fluorobiphenyl (Surr)	77		43 - 145	07/22/23 12:38	07/25/23 01:21	1
2,4,6-Tribromophenol (Surr)	90		31 - 143	07/22/23 12:38	07/25/23 01:21	1
Terphenyl-d14 (Surr)	93		42 - 157	07/22/23 12:38	07/25/23 01:21	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	17000		22	9.0	mg/Kg	☼	07/24/23 15:00	07/25/23 18:32	1
Antimony	0.69	J	2.2	0.43	mg/Kg	☼	07/24/23 15:00	07/25/23 18:32	1
Arsenic	12		1.1	0.38	mg/Kg	☼	07/24/23 15:00	07/25/23 18:32	1
Barium	62	B	1.1	0.13	mg/Kg	☼	07/24/23 15:00	07/25/23 18:32	1
Beryllium	1.1		0.44	0.10	mg/Kg	☼	07/24/23 15:00	07/25/23 18:32	1
Cadmium	0.17	J B	0.22	0.040	mg/Kg	☼	07/24/23 15:00	07/25/23 18:32	1
Calcium	61000	B	58	9.8	mg/Kg	☼	07/26/23 15:09	07/28/23 21:37	5
Chromium	24		1.1	0.55	mg/Kg	☼	07/24/23 15:00	07/25/23 18:32	1
Cobalt	18		0.55	0.15	mg/Kg	☼	07/24/23 15:00	07/25/23 18:32	1
Copper	34		1.1	0.31	mg/Kg	☼	07/24/23 15:00	07/25/23 18:32	1
Iron	21000		12	6.0	mg/Kg	☼	07/26/23 15:09	07/27/23 15:52	1
Lead	15		0.29	0.13	mg/Kg	☼	07/26/23 15:09	07/27/23 15:52	1
Magnesium	5600		11	5.5	mg/Kg	☼	07/24/23 15:00	07/25/23 18:32	1
Manganese	440		0.58	0.084	mg/Kg	☼	07/26/23 15:09	07/27/23 15:52	1
Nickel	33		0.58	0.17	mg/Kg	☼	07/26/23 15:09	07/27/23 15:52	1
Potassium	2200		55	20	mg/Kg	☼	07/24/23 15:00	07/25/23 18:32	1
Selenium	0.69	J	1.1	0.65	mg/Kg	☼	07/24/23 15:00	07/25/23 18:32	1
Silver	0.75		0.55	0.14	mg/Kg	☼	07/24/23 15:00	07/25/23 18:32	1
Sodium	1400		110	16	mg/Kg	☼	07/24/23 15:00	07/25/23 18:32	1
Thallium	0.67	J	1.1	0.55	mg/Kg	☼	07/24/23 15:00	07/25/23 18:32	1
Vanadium	29		0.55	0.13	mg/Kg	☼	07/24/23 15:00	07/25/23 18:32	1
Zinc	58		1.2	0.51	mg/Kg	☼	07/26/23 15:09	07/27/23 15:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/24/23 16:06	07/25/23 17:14	1
Barium	0.33	J	0.50	0.050	mg/L		07/24/23 16:06	07/25/23 17:14	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/24/23 16:06	07/25/23 17:14	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/24/23 16:06	07/25/23 17:14	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236926-1

Client Sample ID: ROW-10(0-6.5)-071923

Lab Sample ID: 500-236926-14

Date Collected: 07/19/23 16:50

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 83.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 17:14	1
Cobalt	0.025		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 17:14	1
Copper	<0.025		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 17:14	1
Iron	<0.40		0.40	0.20	mg/L		07/24/23 16:06	07/25/23 17:14	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/24/23 16:06	07/25/23 17:14	1
Manganese	4.3		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 17:14	1
Nickel	0.023 J		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 17:14	1
Selenium	<0.050		0.050	0.020	mg/L		07/24/23 16:06	07/25/23 17:14	1
Silver	<0.025		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 17:14	1
Zinc	<0.50		0.50	0.020	mg/L		07/24/23 16:06	07/25/23 17:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.11		0.050	0.010	mg/L		07/24/23 16:07	07/26/23 02:22	1
Barium	0.50		0.50	0.050	mg/L		07/24/23 16:07	07/26/23 02:22	1
Beryllium	0.0099		0.0040	0.0040	mg/L		07/24/23 16:07	07/26/23 02:22	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/24/23 16:07	07/26/23 02:22	1
Chromium	0.17		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 02:22	1
Cobalt	0.094		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 02:22	1
Copper	0.29		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 02:22	1
Iron	210		0.40	0.20	mg/L		07/24/23 16:07	07/26/23 02:22	1
Lead	0.13		0.0075	0.0075	mg/L		07/24/23 16:07	07/26/23 02:22	1
Manganese	1.6		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 02:22	1
Nickel	0.27		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 02:22	1
Selenium	<0.050		0.050	0.020	mg/L		07/24/23 16:07	07/26/23 02:22	1
Silver	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 02:22	1
Zinc	0.51		0.50	0.020	mg/L		07/24/23 16:07	07/26/23 13:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/28/23 12:30	07/31/23 11:07	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.044		0.019	0.010	mg/Kg	☆	07/27/23 16:55	07/28/23 10:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.7		0.2	0.2	SU			07/24/23 21:28	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236926-1

Client Sample ID: ROW-10(6.5-13)-071923

Lab Sample ID: 500-236926-15

Date Collected: 07/19/23 16:55

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 84.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.025	*+ *1	0.016	0.0071	mg/Kg	☼	07/20/23 18:51	07/25/23 18:12	1
Benzene	<0.0016		0.0016	0.00042	mg/Kg	☼	07/20/23 18:51	07/25/23 18:12	1
Bromodichloromethane	<0.0016		0.0016	0.00033	mg/Kg	☼	07/20/23 18:51	07/25/23 18:12	1
Bromoform	<0.0016		0.0016	0.00048	mg/Kg	☼	07/20/23 18:51	07/25/23 18:12	1
Bromomethane	<0.0041		0.0041	0.0016	mg/Kg	☼	07/20/23 18:51	07/25/23 18:12	1
Carbon disulfide	<0.0041		0.0041	0.00085	mg/Kg	☼	07/20/23 18:51	07/25/23 18:12	1
Carbon tetrachloride	<0.0016		0.0016	0.00048	mg/Kg	☼	07/20/23 18:51	07/25/23 18:12	1
Chlorobenzene	<0.0016		0.0016	0.00061	mg/Kg	☼	07/20/23 18:51	07/25/23 18:12	1
Chloroethane	<0.0041		0.0041	0.0012	mg/Kg	☼	07/20/23 18:51	07/25/23 18:12	1
Chloroform	<0.0016		0.0016	0.00057	mg/Kg	☼	07/20/23 18:51	07/25/23 18:12	1
Chloromethane	<0.0041		0.0041	0.0016	mg/Kg	☼	07/20/23 18:51	07/25/23 18:12	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00046	mg/Kg	☼	07/20/23 18:51	07/25/23 18:12	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00049	mg/Kg	☼	07/20/23 18:51	07/25/23 18:12	1
Dibromochloromethane	<0.0016		0.0016	0.00054	mg/Kg	☼	07/20/23 18:51	07/25/23 18:12	1
1,1-Dichloroethane	<0.0016		0.0016	0.00056	mg/Kg	☼	07/20/23 18:51	07/25/23 18:12	1
1,2-Dichloroethane	<0.0041		0.0041	0.0013	mg/Kg	☼	07/20/23 18:51	07/25/23 18:12	1
1,1-Dichloroethene	<0.0016		0.0016	0.00056	mg/Kg	☼	07/20/23 18:51	07/25/23 18:12	1
1,2-Dichloropropane	<0.0016		0.0016	0.00042	mg/Kg	☼	07/20/23 18:51	07/25/23 18:12	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00058	mg/Kg	☼	07/20/23 18:51	07/25/23 18:12	1
Ethylbenzene	<0.0016		0.0016	0.00079	mg/Kg	☼	07/20/23 18:51	07/25/23 18:12	1
2-Hexanone	<0.0041		0.0041	0.0013	mg/Kg	☼	07/20/23 18:51	07/25/23 18:12	1
Methylene Chloride	<0.0041		0.0041	0.0016	mg/Kg	☼	07/20/23 18:51	07/25/23 18:12	1
Methyl Ethyl Ketone	0.0040	J *1	0.0041	0.0018	mg/Kg	☼	07/20/23 18:51	07/25/23 18:12	1
methyl isobutyl ketone	<0.0041		0.0041	0.0012	mg/Kg	☼	07/20/23 18:51	07/25/23 18:12	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00048	mg/Kg	☼	07/20/23 18:51	07/25/23 18:12	1
Styrene	<0.0016		0.0016	0.00050	mg/Kg	☼	07/20/23 18:51	07/25/23 18:12	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00052	mg/Kg	☼	07/20/23 18:51	07/25/23 18:12	1
Tetrachloroethene	<0.0016		0.0016	0.00056	mg/Kg	☼	07/20/23 18:51	07/25/23 18:12	1
Toluene	<0.0016		0.0016	0.00041	mg/Kg	☼	07/20/23 18:51	07/25/23 18:12	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00073	mg/Kg	☼	07/20/23 18:51	07/25/23 18:12	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00058	mg/Kg	☼	07/20/23 18:51	07/25/23 18:12	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00055	mg/Kg	☼	07/20/23 18:51	07/25/23 18:12	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00070	mg/Kg	☼	07/20/23 18:51	07/25/23 18:12	1
Trichloroethene	<0.0016		0.0016	0.00055	mg/Kg	☼	07/20/23 18:51	07/25/23 18:12	1
Vinyl chloride	<0.0016		0.0016	0.00073	mg/Kg	☼	07/20/23 18:51	07/25/23 18:12	1
Xylenes, Total	<0.0033		0.0033	0.00053	mg/Kg	☼	07/20/23 18:51	07/25/23 18:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		75 - 131	07/20/23 18:51	07/25/23 18:12	1
Dibromofluoromethane (Surr)	116		75 - 126	07/20/23 18:51	07/25/23 18:12	1
1,2-Dichloroethane-d4 (Surr)	132		70 - 134	07/20/23 18:51	07/25/23 18:12	1
Toluene-d8 (Surr)	113		75 - 124	07/20/23 18:51	07/25/23 18:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.045	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236926-1

Client Sample ID: ROW-10(6.5-13)-071923

Lab Sample ID: 500-236926-15

Date Collected: 07/19/23 16:55

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 84.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.088	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
2,4-Dichlorophenol	<0.38		0.38	0.091	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
2,4-Dimethylphenol	<0.38		0.38	0.15	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
2,4-Dinitrophenol	<0.78		0.78	0.68	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
2,4-Dinitrotoluene	<0.19		0.19	0.061	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
2,6-Dinitrotoluene	<0.19		0.19	0.076	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
2-Chloronaphthalene	<0.19		0.19	0.043	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
2-Chlorophenol	<0.19		0.19	0.066	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
2-Methylnaphthalene	<0.078		0.078	0.0071	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
2-Methylphenol	<0.19		0.19	0.062	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
2-Nitroaniline	<0.19		0.19	0.052	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
2-Nitrophenol	<0.38		0.38	0.091	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
3 & 4 Methylphenol	<0.19		0.19	0.064	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.054	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
4,6-Dinitro-2-methylphenol	<0.78		0.78	0.31	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.051	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
4-Chloroaniline	<0.78		0.78	0.18	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
4-Nitrophenol	<0.78		0.78	0.37	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
Acenaphthene	<0.038		0.038	0.0069	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
Acenaphthylene	<0.038		0.038	0.0051	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
Anthracene	<0.038		0.038	0.0064	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
Benzo[a]anthracene	<0.038		0.038	0.0052	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
Benzo[a]pyrene	<0.038		0.038	0.0074	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
Benzo[b]fluoranthene	<0.038		0.038	0.0083	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
Benzo[g,h,i]perylene	<0.038		0.038	0.012	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
Benzo[k]fluoranthene	<0.038		0.038	0.011	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.058	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.070	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
Butyl benzyl phthalate	<0.19		0.19	0.073	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
Carbazole	<0.19		0.19	0.096	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
Chrysene	<0.038		0.038	0.010	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
Dibenz(a,h)anthracene	<0.038		0.038	0.0074	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
Diethyl phthalate	<0.19		0.19	0.065	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
Di-n-butyl phthalate	<0.19		0.19	0.059	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
Di-n-octyl phthalate	<0.19		0.19	0.063	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
Fluoranthene	<0.038		0.038	0.0071	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
Fluorene	<0.038		0.038	0.0054	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
Hexachlorobenzene	<0.078		0.078	0.0089	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
Hexachlorobutadiene	<0.19		0.19	0.060	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
Hexachlorocyclopentadiene	<0.78		0.78	0.22	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
Hexachloroethane	<0.19		0.19	0.058	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236926-1

Client Sample ID: ROW-10(6.5-13)-071923

Lab Sample ID: 500-236926-15

Date Collected: 07/19/23 16:55

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 84.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.038		0.038	0.010	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
Naphthalene	<0.038		0.038	0.0059	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
Nitrobenzene	<0.038		0.038	0.0096	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
N-Nitrosodi-n-propylamine	<0.078		0.078	0.047	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
Pentachlorophenol	<0.78		0.78	0.62	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
Phenanthrene	<0.038		0.038	0.0054	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
Phenol	<0.19		0.19	0.085	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
Pyrene	<0.038		0.038	0.0076	mg/Kg	☼	07/22/23 12:38	07/25/23 01:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	75		31 - 166				07/22/23 12:38	07/25/23 01:42	1
Phenol-d5 (Surr)	71		30 - 153				07/22/23 12:38	07/25/23 01:42	1
Nitrobenzene-d5 (Surr)	64		37 - 147				07/22/23 12:38	07/25/23 01:42	1
2-Fluorobiphenyl (Surr)	69		43 - 145				07/22/23 12:38	07/25/23 01:42	1
2,4,6-Tribromophenol (Surr)	81		31 - 143				07/22/23 12:38	07/25/23 01:42	1
Terphenyl-d14 (Surr)	70		42 - 157				07/22/23 12:38	07/25/23 01:42	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	11000		21	8.5	mg/Kg	☼	07/24/23 15:00	07/25/23 18:35	1
Antimony	0.51	J	2.1	0.40	mg/Kg	☼	07/24/23 15:00	07/25/23 18:35	1
Arsenic	8.2		1.0	0.35	mg/Kg	☼	07/24/23 15:00	07/25/23 18:35	1
Barium	44	B	1.0	0.12	mg/Kg	☼	07/24/23 15:00	07/25/23 18:35	1
Beryllium	0.82		0.42	0.097	mg/Kg	☼	07/24/23 15:00	07/25/23 18:35	1
Cadmium	0.19	J B	0.21	0.037	mg/Kg	☼	07/24/23 15:00	07/25/23 18:35	1
Calcium	100000	B	58	9.8	mg/Kg	☼	07/26/23 15:09	07/28/23 21:41	5
Chromium	16		1.0	0.51	mg/Kg	☼	07/24/23 15:00	07/25/23 18:35	1
Cobalt	12		0.52	0.14	mg/Kg	☼	07/24/23 15:00	07/25/23 18:35	1
Copper	27		1.0	0.29	mg/Kg	☼	07/24/23 15:00	07/25/23 18:35	1
Iron	22000		58	30	mg/Kg	☼	07/26/23 15:09	07/28/23 21:41	5
Lead	14		0.29	0.13	mg/Kg	☼	07/26/23 15:09	07/27/23 15:55	1
Magnesium	31000		10	5.1	mg/Kg	☼	07/24/23 15:00	07/25/23 18:35	1
Manganese	760		0.58	0.084	mg/Kg	☼	07/26/23 15:09	07/27/23 15:55	1
Nickel	28		0.58	0.17	mg/Kg	☼	07/26/23 15:09	07/27/23 15:55	1
Potassium	2200		52	18	mg/Kg	☼	07/24/23 15:00	07/25/23 18:35	1
Selenium	<1.0		1.0	0.61	mg/Kg	☼	07/24/23 15:00	07/25/23 18:35	1
Silver	0.48	J	0.52	0.13	mg/Kg	☼	07/24/23 15:00	07/25/23 18:35	1
Sodium	250		100	15	mg/Kg	☼	07/24/23 15:00	07/25/23 18:35	1
Thallium	<1.0		1.0	0.52	mg/Kg	☼	07/24/23 15:00	07/25/23 18:35	1
Vanadium	20		0.52	0.12	mg/Kg	☼	07/24/23 15:00	07/25/23 18:35	1
Zinc	47		1.2	0.51	mg/Kg	☼	07/26/23 15:09	07/27/23 15:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.012	J	0.050	0.010	mg/L		07/24/23 16:06	07/25/23 17:17	1
Barium	0.49	J	0.50	0.050	mg/L		07/24/23 16:06	07/25/23 17:17	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/24/23 16:06	07/25/23 17:17	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/24/23 16:06	07/25/23 17:17	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236926-1

Client Sample ID: ROW-10(6.5-13)-071923

Lab Sample ID: 500-236926-15

Date Collected: 07/19/23 16:55

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 84.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 17:17	1
Cobalt	0.015	J	0.025	0.010	mg/L		07/24/23 16:06	07/25/23 17:17	1
Copper	<0.025		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 17:17	1
Iron	<0.40		0.40	0.20	mg/L		07/24/23 16:06	07/25/23 17:17	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/24/23 16:06	07/25/23 17:17	1
Manganese	6.6		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 17:17	1
Nickel	<0.025		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 17:17	1
Selenium	<0.050		0.050	0.020	mg/L		07/24/23 16:06	07/25/23 17:17	1
Silver	<0.025		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 17:17	1
Zinc	<0.50		0.50	0.020	mg/L		07/24/23 16:06	07/25/23 17:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/24/23 16:07	07/26/23 02:25	1
Barium	<0.50		0.50	0.050	mg/L		07/24/23 16:07	07/26/23 02:25	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/24/23 16:07	07/26/23 02:25	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/24/23 16:07	07/26/23 02:25	1
Chromium	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 02:25	1
Cobalt	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 02:25	1
Copper	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 02:25	1
Iron	1.4		0.40	0.20	mg/L		07/24/23 16:07	07/26/23 02:25	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/24/23 16:07	07/26/23 02:25	1
Manganese	0.054		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 02:25	1
Nickel	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 02:25	1
Selenium	<0.050		0.050	0.020	mg/L		07/24/23 16:07	07/26/23 02:25	1
Silver	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 02:25	1
Zinc	<0.50	^+	0.50	0.020	mg/L		07/24/23 16:07	07/26/23 02:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/28/23 12:30	07/31/23 11:09	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.033		0.018	0.0096	mg/Kg	☆	07/27/23 16:55	07/28/23 10:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.5		0.2	0.2	SU			07/24/23 21:30	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236926-1

Client Sample ID: ROW-10(13-20)-071923

Lab Sample ID: 500-236926-16

Date Collected: 07/19/23 17:00

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 85.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017	*+ *1	0.017	0.0073	mg/Kg	☼	07/20/23 18:51	07/25/23 18:36	1
Benzene	<0.0017		0.0017	0.00043	mg/Kg	☼	07/20/23 18:51	07/25/23 18:36	1
Bromodichloromethane	<0.0017		0.0017	0.00034	mg/Kg	☼	07/20/23 18:51	07/25/23 18:36	1
Bromoform	<0.0017		0.0017	0.00049	mg/Kg	☼	07/20/23 18:51	07/25/23 18:36	1
Bromomethane	<0.0042		0.0042	0.0016	mg/Kg	☼	07/20/23 18:51	07/25/23 18:36	1
Carbon disulfide	<0.0042		0.0042	0.00087	mg/Kg	☼	07/20/23 18:51	07/25/23 18:36	1
Carbon tetrachloride	<0.0017		0.0017	0.00049	mg/Kg	☼	07/20/23 18:51	07/25/23 18:36	1
Chlorobenzene	<0.0017		0.0017	0.00062	mg/Kg	☼	07/20/23 18:51	07/25/23 18:36	1
Chloroethane	<0.0042		0.0042	0.0012	mg/Kg	☼	07/20/23 18:51	07/25/23 18:36	1
Chloroform	<0.0017		0.0017	0.00058	mg/Kg	☼	07/20/23 18:51	07/25/23 18:36	1
Chloromethane	<0.0042		0.0042	0.0017	mg/Kg	☼	07/20/23 18:51	07/25/23 18:36	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00047	mg/Kg	☼	07/20/23 18:51	07/25/23 18:36	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00051	mg/Kg	☼	07/20/23 18:51	07/25/23 18:36	1
Dibromochloromethane	<0.0017		0.0017	0.00055	mg/Kg	☼	07/20/23 18:51	07/25/23 18:36	1
1,1-Dichloroethane	<0.0017		0.0017	0.00058	mg/Kg	☼	07/20/23 18:51	07/25/23 18:36	1
1,2-Dichloroethane	<0.0042		0.0042	0.0013	mg/Kg	☼	07/20/23 18:51	07/25/23 18:36	1
1,1-Dichloroethene	<0.0017		0.0017	0.00058	mg/Kg	☼	07/20/23 18:51	07/25/23 18:36	1
1,2-Dichloropropane	<0.0017		0.0017	0.00043	mg/Kg	☼	07/20/23 18:51	07/25/23 18:36	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00059	mg/Kg	☼	07/20/23 18:51	07/25/23 18:36	1
Ethylbenzene	<0.0017		0.0017	0.00081	mg/Kg	☼	07/20/23 18:51	07/25/23 18:36	1
2-Hexanone	<0.0042		0.0042	0.0013	mg/Kg	☼	07/20/23 18:51	07/25/23 18:36	1
Methylene Chloride	<0.0042		0.0042	0.0017	mg/Kg	☼	07/20/23 18:51	07/25/23 18:36	1
Methyl Ethyl Ketone	<0.0042	*1	0.0042	0.0019	mg/Kg	☼	07/20/23 18:51	07/25/23 18:36	1
methyl isobutyl ketone	<0.0042		0.0042	0.0012	mg/Kg	☼	07/20/23 18:51	07/25/23 18:36	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00049	mg/Kg	☼	07/20/23 18:51	07/25/23 18:36	1
Styrene	<0.0017		0.0017	0.00051	mg/Kg	☼	07/20/23 18:51	07/25/23 18:36	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00054	mg/Kg	☼	07/20/23 18:51	07/25/23 18:36	1
Tetrachloroethene	<0.0017		0.0017	0.00057	mg/Kg	☼	07/20/23 18:51	07/25/23 18:36	1
Toluene	<0.0017		0.0017	0.00042	mg/Kg	☼	07/20/23 18:51	07/25/23 18:36	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00075	mg/Kg	☼	07/20/23 18:51	07/25/23 18:36	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00059	mg/Kg	☼	07/20/23 18:51	07/25/23 18:36	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00056	mg/Kg	☼	07/20/23 18:51	07/25/23 18:36	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00072	mg/Kg	☼	07/20/23 18:51	07/25/23 18:36	1
Trichloroethene	<0.0017		0.0017	0.00057	mg/Kg	☼	07/20/23 18:51	07/25/23 18:36	1
Vinyl chloride	<0.0017		0.0017	0.00074	mg/Kg	☼	07/20/23 18:51	07/25/23 18:36	1
Xylenes, Total	<0.0034		0.0034	0.00054	mg/Kg	☼	07/20/23 18:51	07/25/23 18:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	S1+	75 - 131	07/20/23 18:51	07/25/23 18:36	1
Dibromofluoromethane (Surr)	118		75 - 126	07/20/23 18:51	07/25/23 18:36	1
1,2-Dichloroethane-d4 (Surr)	132		70 - 134	07/20/23 18:51	07/25/23 18:36	1
Toluene-d8 (Surr)	121		75 - 124	07/20/23 18:51	07/25/23 18:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236926-1

Client Sample ID: ROW-10(13-20)-071923

Lab Sample ID: 500-236926-16

Date Collected: 07/19/23 17:00

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 85.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.087	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
2,4-Dichlorophenol	<0.38		0.38	0.090	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
2,4-Dimethylphenol	<0.38		0.38	0.14	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
2,4-Dinitrophenol	<0.76		0.76	0.67	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
2,4-Dinitrotoluene	<0.19		0.19	0.060	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
2,6-Dinitrotoluene	<0.19		0.19	0.075	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
2-Chlorophenol	<0.19		0.19	0.065	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
2-Methylnaphthalene	<0.076		0.076	0.0070	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
2-Methylphenol	<0.19		0.19	0.061	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
2-Nitrophenol	<0.38		0.38	0.090	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
3 & 4 Methylphenol	<0.19		0.19	0.063	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.053	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.30	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
4-Chloroaniline	<0.76		0.76	0.18	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
4-Nitrophenol	<0.76		0.76	0.36	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
Acenaphthene	<0.038		0.038	0.0068	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
Acenaphthylene	<0.038		0.038	0.0050	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
Anthracene	<0.038		0.038	0.0063	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
Benzo[a]anthracene	<0.038		0.038	0.0051	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
Benzo[a]pyrene	<0.038		0.038	0.0073	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
Benzo[b]fluoranthene	<0.038		0.038	0.0082	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
Benzo[g,h,i]perylene	<0.038		0.038	0.012	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
Benzo[k]fluoranthene	<0.038		0.038	0.011	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.057	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.069	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
Butyl benzyl phthalate	<0.19		0.19	0.072	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
Carbazole	<0.19		0.19	0.095	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
Chrysene	<0.038		0.038	0.010	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
Dibenz(a,h)anthracene	<0.038		0.038	0.0073	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
Diethyl phthalate	<0.19		0.19	0.064	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
Di-n-butyl phthalate	<0.19		0.19	0.058	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
Di-n-octyl phthalate	<0.19		0.19	0.062	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
Fluoranthene	<0.038		0.038	0.0070	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
Fluorene	<0.038		0.038	0.0053	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
Hexachlorobenzene	<0.076		0.076	0.0088	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
Hexachlorobutadiene	<0.19		0.19	0.060	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
Hexachlorocyclopentadiene	<0.76		0.76	0.22	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1
Hexachloroethane	<0.19		0.19	0.058	mg/Kg	☼	07/22/23 12:38	07/25/23 21:17	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236926-1

Client Sample ID: ROW-10(13-20)-071923

Lab Sample ID: 500-236926-16

Date Collected: 07/19/23 17:00

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 85.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.038		0.038	0.0098	mg/Kg	✳	07/22/23 12:38	07/25/23 21:17	1
Isophorone	<0.19		0.19	0.043	mg/Kg	✳	07/22/23 12:38	07/25/23 21:17	1
Naphthalene	<0.038		0.038	0.0058	mg/Kg	✳	07/22/23 12:38	07/25/23 21:17	1
Nitrobenzene	<0.038		0.038	0.0095	mg/Kg	✳	07/22/23 12:38	07/25/23 21:17	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.046	mg/Kg	✳	07/22/23 12:38	07/25/23 21:17	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	✳	07/22/23 12:38	07/25/23 21:17	1
Pentachlorophenol	<0.76		0.76	0.61	mg/Kg	✳	07/22/23 12:38	07/25/23 21:17	1
Phenanthrene	<0.038		0.038	0.0053	mg/Kg	✳	07/22/23 12:38	07/25/23 21:17	1
Phenol	<0.19		0.19	0.084	mg/Kg	✳	07/22/23 12:38	07/25/23 21:17	1
Pyrene	<0.038		0.038	0.0075	mg/Kg	✳	07/22/23 12:38	07/25/23 21:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	69		31 - 166	07/22/23 12:38	07/25/23 21:17	1
Phenol-d5 (Surr)	72		30 - 153	07/22/23 12:38	07/25/23 21:17	1
Nitrobenzene-d5 (Surr)	68		37 - 147	07/22/23 12:38	07/25/23 21:17	1
2-Fluorobiphenyl (Surr)	73		43 - 145	07/22/23 12:38	07/25/23 21:17	1
2,4,6-Tribromophenol (Surr)	71		31 - 143	07/22/23 12:38	07/25/23 21:17	1
Terphenyl-d14 (Surr)	82		42 - 157	07/22/23 12:38	07/25/23 21:17	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	10000		20	8.1	mg/Kg	✳	07/24/23 15:00	07/25/23 18:39	1
Antimony	0.40	J	2.0	0.39	mg/Kg	✳	07/24/23 15:00	07/25/23 18:39	1
Arsenic	12		1.0	0.34	mg/Kg	✳	07/24/23 15:00	07/25/23 18:39	1
Barium	37	B	1.0	0.11	mg/Kg	✳	07/24/23 15:00	07/25/23 18:39	1
Beryllium	0.78		0.40	0.093	mg/Kg	✳	07/24/23 15:00	07/25/23 18:39	1
Cadmium	0.22	B	0.20	0.036	mg/Kg	✳	07/24/23 15:00	07/25/23 18:39	1
Calcium	64000	B	58	9.9	mg/Kg	✳	07/26/23 15:09	07/28/23 21:44	5
Chromium	16		1.0	0.49	mg/Kg	✳	07/24/23 15:00	07/25/23 18:39	1
Cobalt	11		0.50	0.13	mg/Kg	✳	07/24/23 15:00	07/25/23 18:39	1
Copper	23		1.0	0.28	mg/Kg	✳	07/24/23 15:00	07/25/23 18:39	1
Iron	17000		12	6.0	mg/Kg	✳	07/26/23 15:09	07/27/23 15:59	1
Lead	13		0.29	0.13	mg/Kg	✳	07/26/23 15:09	07/27/23 15:59	1
Magnesium	32000		10	4.9	mg/Kg	✳	07/24/23 15:00	07/25/23 18:39	1
Manganese	370		0.58	0.084	mg/Kg	✳	07/26/23 15:09	07/27/23 15:59	1
Nickel	31		0.58	0.17	mg/Kg	✳	07/26/23 15:09	07/27/23 15:59	1
Potassium	2600		50	18	mg/Kg	✳	07/24/23 15:00	07/25/23 18:39	1
Selenium	<1.0		1.0	0.59	mg/Kg	✳	07/24/23 15:00	07/25/23 18:39	1
Silver	0.38	J	0.50	0.13	mg/Kg	✳	07/24/23 15:00	07/25/23 18:39	1
Sodium	400		100	15	mg/Kg	✳	07/24/23 15:00	07/25/23 18:39	1
Thallium	<1.0		1.0	0.50	mg/Kg	✳	07/24/23 15:00	07/25/23 18:39	1
Vanadium	19		0.50	0.12	mg/Kg	✳	07/24/23 15:00	07/25/23 18:39	1
Zinc	47		1.2	0.51	mg/Kg	✳	07/26/23 15:09	07/27/23 15:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/24/23 16:06	07/25/23 17:21	1
Barium	1.1		0.50	0.050	mg/L		07/24/23 16:06	07/25/23 17:21	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/24/23 16:06	07/25/23 17:21	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/24/23 16:06	07/25/23 17:21	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236926-1

Client Sample ID: ROW-10(13-20)-071923

Lab Sample ID: 500-236926-16

Date Collected: 07/19/23 17:00

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 85.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 17:21	1
Cobalt	<0.025		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 17:21	1
Copper	<0.025		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 17:21	1
Iron	0.24	J	0.40	0.20	mg/L		07/24/23 16:06	07/25/23 17:21	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/24/23 16:06	07/25/23 17:21	1
Manganese	3.5		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 17:21	1
Nickel	0.010	J	0.025	0.010	mg/L		07/24/23 16:06	07/25/23 17:21	1
Selenium	<0.050		0.050	0.020	mg/L		07/24/23 16:06	07/25/23 17:21	1
Silver	<0.025		0.025	0.010	mg/L		07/24/23 16:06	07/25/23 17:21	1
Zinc	<0.50		0.50	0.020	mg/L		07/24/23 16:06	07/25/23 17:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/24/23 16:07	07/26/23 02:29	1
Barium	0.066	J	0.50	0.050	mg/L		07/24/23 16:07	07/26/23 02:29	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/24/23 16:07	07/26/23 02:29	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/24/23 16:07	07/26/23 02:29	1
Chromium	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 02:29	1
Cobalt	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 02:29	1
Copper	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 02:29	1
Iron	5.8		0.40	0.20	mg/L		07/24/23 16:07	07/26/23 02:29	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/24/23 16:07	07/26/23 02:29	1
Manganese	0.13		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 02:29	1
Nickel	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 02:29	1
Selenium	<0.050		0.050	0.020	mg/L		07/24/23 16:07	07/26/23 02:29	1
Silver	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/26/23 02:29	1
Zinc	<0.50	^+	0.50	0.020	mg/L		07/24/23 16:07	07/26/23 02:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/28/23 12:30	07/31/23 11:11	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.028		0.018	0.0095	mg/Kg	☆	07/27/23 16:55	07/28/23 10:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.5		0.2	0.2	SU			07/24/23 21:35	1

Definitions/Glossary

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236926-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

Glossary

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

Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236926-1

Glossary (Continued)

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

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Chain of Custody Record

667772



Environment Testing
America

Address _____

Regulatory Program: DW NPDES RCRA Other

TAL-8210

Client Contact		Project Manager A. Siesers		Site Contact C. Davids		Date 07/19/2023		COC No 667772																					
Company Name Weston Solutions Inc		Tel/Email		Lab Contact J. Knapp		Carrier		2 of 3 COCs																					
Address 300 Knightbridge Pkwy		<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px;"> 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 </div> <div style="text-align: center;"> 500-236926 COC </div> </div>																											
City/State/Zip Lincolnshire, IL 60069																													
Phone																													
Fax																													
Project Name 056 IL-68																													
Site		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 HCLP (SPLP) Metals PH		For Lab Use Only Walk-in Client Lab Sampling Job / SDG No 056 500-236926											
P O #		Sample Identification																Sample Specific Notes											
		Row-4 (0-6.5)-071923		07/19/23 1325		G		S		6																			
		Row-4 (6.5-13)-071923																											
		Row-4 (13-20)-071923																											
		Row-5 (0-6.5)-071923																											
		Row-5 (6.5-13)-071923																											
		Row-5 (13-20)-071923																											
		Row-6 (0-6.5)-071923																											
		Row-6 (6.5-13)-071923																											
		Row-7 (0-6.5)-071923																											
		Row-7 (6.5-13)-071923																											
		Row-7 (13-20)-071923																											
		Row-6 (0-6.5)-071923																											
Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other										Possible Hazard Identification Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown																			
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months																													
Special Instructions/QC Requirements & Comments <p style="text-align: right; font-size: 1.5em;">5.5+44, 4.8+37, 2.6+22</p>																													
Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No					Custody Seal No					Cooler Temp (°C) Obs'd					Corr'd					Therm ID No									
Relinquished by					Company Weston					Date/Time 07/19/23 1317					Received by					Company EETA					Date/Time 7/20/23 1100				
Relinquished by					Company EETA					Date/Time 7/20 1330					Received by					Company					Date/Time				
Relinquished by					Company					Date/Time					Received in Laboratory by Stephanie Hummel					Company EETA					Date/Time 7/20/23 1330				



Chain of Custody Record

667773



Environment Testing
America

Address _____

Regulatory Program: DW NPDES RCRA Other:

TAL-8210

Client Contact		Project Manager: A. Siesters		Site Contact: C. Davidy		Date: 07/19/2023		COC No: 667773			
Company Name: Weston Solutions		Tel/Email		Lab Contact: J. Knapp		Carrier		3 of 3 COCs			
Address: 300 Knightsbridge Pkwy		Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Filtered Sample (Y/N)		Perform MS/MSD (Y/N)		Sampler			
City/State/Zip: Lincolnshire, IL 60069											
Phone		TAT if different from Below: _____		VOCs SVOCs Total Metals TCU/SP/PCBs pH		Walk-in Client Lab Sampling		For Lab Use Only Job / SDG No: 056 500-236922 SH 7/20/23 500-236924 Sample Specific Notes			
Fax		<input type="checkbox"/> 2 weeks									
Project Name: 056 14-68		<input type="checkbox"/> 1 week									
Site		<input type="checkbox"/> 2 days									
P O #		<input type="checkbox"/> 1 day									
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.					
7	ROW-8 (0-6.5) -071923	07/19/23	1540	G	S	6	X	X	X	X	
8	ROW-8 (6.5-13) -071923		1545								
9	ROW-8 (13-20) -071923		1550								
10	ROW-9 (0-6.5) -071923		1610								
11	ROW-9 (0-6.5) -071923		1610								
12	ROW-9 (6.5-13) -071923		1615								
13	ROW-9 (13-20) -071923		1620								
14	ROW-10 (0-6.5) -071923		1650								
15	ROW-10 (6.5-13) -071923		1655								
16	ROW-10 (13-20) -071923		1700								
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other											
Possible Hazard Identification Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)					
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown						<input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months					
Special Instructions/QC Requirements & Comments											
Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temp (°C) Obs'd _____ Corr'd _____		Therm ID No _____					
Relinquished by:		Company: Weston		Date/Time: 07/19/23 1017		Received by:		Company: EETA		Date/Time: 7/20/23	
Relinquished by:		Company: EETA 7/20		Date/Time: 1330		Received by:		Company: EETA		Date/Time: 7/20/23 1330	
Relinquished by:		Company: _____		Date/Time: _____		Received in Laboratory by: Stephanie Hemondy		Company: EETA		Date/Time: 7/20/23 1330	





ANALYTICAL REPORT

PREPARED FOR

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

Generated 8/3/2023 3:38:03 PM

JOB DESCRIPTION

IDOT - FAP 342 IL 53 - WO 056

JOB NUMBER

500-237022-1

Eurofins Chicago

Job Notes

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

Authorization



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8/3/2023 3:38:03 PM

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

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-13(0-6.5)-072023

Lab Sample ID: 500-237022-8

Date Collected: 07/20/23 10:50

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 84.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.031	*1	0.031	0.014	mg/Kg	☼	07/21/23 18:05	07/26/23 17:22	1
Benzene	<0.0031		0.0031	0.00079	mg/Kg	☼	07/21/23 18:05	07/26/23 17:22	1
Bromodichloromethane	<0.0031		0.0031	0.00063	mg/Kg	☼	07/21/23 18:05	07/26/23 17:22	1
Bromoform	<0.0031		0.0031	0.00091	mg/Kg	☼	07/21/23 18:05	07/26/23 17:22	1
Bromomethane	<0.0078		0.0078	0.0029	mg/Kg	☼	07/21/23 18:05	07/26/23 17:22	1
Carbon disulfide	<0.0078		0.0078	0.0016	mg/Kg	☼	07/21/23 18:05	07/26/23 17:22	1
Carbon tetrachloride	<0.0031		0.0031	0.00090	mg/Kg	☼	07/21/23 18:05	07/26/23 17:22	1
Chlorobenzene	<0.0031		0.0031	0.0012	mg/Kg	☼	07/21/23 18:05	07/26/23 17:22	1
Chloroethane	<0.0078		0.0078	0.0023	mg/Kg	☼	07/21/23 18:05	07/26/23 17:22	1
Chloroform	<0.0031		0.0031	0.0011	mg/Kg	☼	07/21/23 18:05	07/26/23 17:22	1
Chloromethane	<0.0078	*-	0.0078	0.0031	mg/Kg	☼	07/21/23 18:05	07/26/23 17:22	1
cis-1,2-Dichloroethene	<0.0031		0.0031	0.00087	mg/Kg	☼	07/21/23 18:05	07/26/23 17:22	1
cis-1,3-Dichloropropene	<0.0031		0.0031	0.00094	mg/Kg	☼	07/21/23 18:05	07/26/23 17:22	1
Dibromochloromethane	<0.0031		0.0031	0.0010	mg/Kg	☼	07/21/23 18:05	07/26/23 17:22	1
1,1-Dichloroethane	<0.0031		0.0031	0.0011	mg/Kg	☼	07/21/23 18:05	07/26/23 17:22	1
1,2-Dichloroethane	<0.0078		0.0078	0.0024	mg/Kg	☼	07/21/23 18:05	07/26/23 17:22	1
1,1-Dichloroethene	<0.0031		0.0031	0.0011	mg/Kg	☼	07/21/23 18:05	07/26/23 17:22	1
1,2-Dichloropropane	<0.0031		0.0031	0.00081	mg/Kg	☼	07/21/23 18:05	07/26/23 17:22	1
1,3-Dichloropropene, Total	<0.0031		0.0031	0.0011	mg/Kg	☼	07/21/23 18:05	07/26/23 17:22	1
Ethylbenzene	<0.0031		0.0031	0.0015	mg/Kg	☼	07/21/23 18:05	07/26/23 17:22	1
2-Hexanone	<0.0078		0.0078	0.0024	mg/Kg	☼	07/21/23 18:05	07/26/23 17:22	1
Methylene Chloride	<0.0078		0.0078	0.0031	mg/Kg	☼	07/21/23 18:05	07/26/23 17:22	1
Methyl Ethyl Ketone	<0.0078		0.0078	0.0035	mg/Kg	☼	07/21/23 18:05	07/26/23 17:22	1
methyl isobutyl ketone	<0.0078		0.0078	0.0023	mg/Kg	☼	07/21/23 18:05	07/26/23 17:22	1
Methyl tert-butyl ether	<0.0031		0.0031	0.00091	mg/Kg	☼	07/21/23 18:05	07/26/23 17:22	1
Styrene	<0.0031		0.0031	0.00094	mg/Kg	☼	07/21/23 18:05	07/26/23 17:22	1
1,1,2,2-Tetrachloroethane	<0.0031		0.0031	0.0010	mg/Kg	☼	07/21/23 18:05	07/26/23 17:22	1
Tetrachloroethene	<0.0031		0.0031	0.0011	mg/Kg	☼	07/21/23 18:05	07/26/23 17:22	1
Toluene	<0.0031		0.0031	0.00079	mg/Kg	☼	07/21/23 18:05	07/26/23 17:22	1
trans-1,2-Dichloroethene	<0.0031		0.0031	0.0014	mg/Kg	☼	07/21/23 18:05	07/26/23 17:22	1
trans-1,3-Dichloropropene	<0.0031		0.0031	0.0011	mg/Kg	☼	07/21/23 18:05	07/26/23 17:22	1
1,1,1-Trichloroethane	<0.0031		0.0031	0.0010	mg/Kg	☼	07/21/23 18:05	07/26/23 17:22	1
1,1,2-Trichloroethane	<0.0031		0.0031	0.0013	mg/Kg	☼	07/21/23 18:05	07/26/23 17:22	1
Trichloroethene	<0.0031		0.0031	0.0011	mg/Kg	☼	07/21/23 18:05	07/26/23 17:22	1
Vinyl chloride	<0.0031		0.0031	0.0014	mg/Kg	☼	07/21/23 18:05	07/26/23 17:22	1
Xylenes, Total	<0.0062		0.0062	0.0010	mg/Kg	☼	07/21/23 18:05	07/26/23 17:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		75 - 131	07/21/23 18:05	07/26/23 17:22	1
Dibromofluoromethane (Surr)	117		75 - 126	07/21/23 18:05	07/26/23 17:22	1
1,2-Dichloroethane-d4 (Surr)	143	S1+	70 - 134	07/21/23 18:05	07/26/23 17:22	1
Toluene-d8 (Surr)	118		75 - 124	07/21/23 18:05	07/26/23 17:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.042	mg/Kg	☼	07/25/23 07:32	07/26/23 16:01	1
1,2-Dichlorobenzene	<0.20		0.20	0.046	mg/Kg	☼	07/25/23 07:32	07/26/23 16:01	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	07/25/23 07:32	07/26/23 16:01	1
1,4-Dichlorobenzene	<0.20		0.20	0.050	mg/Kg	☼	07/25/23 07:32	07/26/23 16:01	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.045	mg/Kg	☼	07/25/23 07:32	07/26/23 16:01	1

Eurofins Chicago

Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-13(0-6.5)-072023

Lab Sample ID: 500-237022-8

Date Collected: 07/20/23 10:50

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 84.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.089	mg/Kg	✱	07/25/23 07:32	07/26/23 16:01	1
2,4,6-Trichlorophenol	<0.39		0.39	0.13	mg/Kg	✱	07/25/23 07:32	07/26/23 16:01	1
2,4-Dichlorophenol	<0.39		0.39	0.092	mg/Kg	✱	07/25/23 07:32	07/26/23 16:01	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	✱	07/25/23 07:32	07/26/23 16:01	1
2,4-Dinitrophenol	<0.78		0.78	0.68	mg/Kg	✱	07/25/23 07:32	07/26/23 16:01	1
2,4-Dinitrotoluene	<0.20		0.20	0.062	mg/Kg	✱	07/25/23 07:32	07/26/23 16:01	1
2,6-Dinitrotoluene	<0.20		0.20	0.076	mg/Kg	✱	07/25/23 07:32	07/26/23 16:01	1
2-Chloronaphthalene	<0.20		0.20	0.043	mg/Kg	✱	07/25/23 07:32	07/26/23 16:01	1
2-Chlorophenol	<0.20		0.20	0.066	mg/Kg	✱	07/25/23 07:32	07/26/23 16:01	1
2-Methylnaphthalene	<0.078		0.078	0.0071	mg/Kg	✱	07/25/23 07:32	07/26/23 16:01	1
2-Methylphenol	<0.20		0.20	0.062	mg/Kg	✱	07/25/23 07:32	07/26/23 16:01	1
2-Nitroaniline	<0.20		0.20	0.052	mg/Kg	✱	07/25/23 07:32	07/26/23 16:01	1
2-Nitrophenol	<0.39		0.39	0.092	mg/Kg	✱	07/25/23 07:32	07/26/23 16:01	1
3 & 4 Methylphenol	<0.20		0.20	0.065	mg/Kg	✱	07/25/23 07:32	07/26/23 16:01	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.054	mg/Kg	✱	07/25/23 07:32	07/26/23 16:01	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	✱	07/25/23 07:32	07/26/23 16:01	1
4,6-Dinitro-2-methylphenol	<0.78		0.78	0.31	mg/Kg	✱	07/25/23 07:32	07/26/23 16:01	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.051	mg/Kg	✱	07/25/23 07:32	07/26/23 16:01	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	✱	07/25/23 07:32	07/26/23 16:01	1
4-Chloroaniline	<0.78		0.78	0.18	mg/Kg	✱	07/25/23 07:32	07/26/23 16:01	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.045	mg/Kg	✱	07/25/23 07:32	07/26/23 16:01	1
4-Nitroaniline	<0.39		0.39	0.16	mg/Kg	✱	07/25/23 07:32	07/26/23 16:01	1
4-Nitrophenol	<0.78		0.78	0.37	mg/Kg	✱	07/25/23 07:32	07/26/23 16:01	1
Acenaphthene	<0.039		0.039	0.0070	mg/Kg	✱	07/25/23 07:32	07/26/23 16:01	1
Acenaphthylene	<0.039		0.039	0.0051	mg/Kg	✱	07/25/23 07:32	07/26/23 16:01	1
Anthracene	<0.039		0.039	0.0065	mg/Kg	✱	07/25/23 07:32	07/26/23 16:01	1
Benzo[a]anthracene	<0.039		0.039	0.0052	mg/Kg	✱	07/25/23 07:32	07/26/23 16:01	1
Benzo[a]pyrene	<0.039		0.039	0.0075	mg/Kg	✱	07/25/23 07:32	07/26/23 16:01	1
Benzo[b]fluoranthene	<0.039		0.039	0.0084	mg/Kg	✱	07/25/23 07:32	07/26/23 16:01	1
Benzo[g,h,i]perylene	<0.039		0.039	0.013	mg/Kg	✱	07/25/23 07:32	07/26/23 16:01	1
Benzo[k]fluoranthene	<0.039		0.039	0.011	mg/Kg	✱	07/25/23 07:32	07/26/23 16:01	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	✱	07/25/23 07:32	07/26/23 16:01	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.058	mg/Kg	✱	07/25/23 07:32	07/26/23 16:01	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.071	mg/Kg	✱	07/25/23 07:32	07/26/23 16:01	1
Butyl benzyl phthalate	<0.20		0.20	0.074	mg/Kg	✱	07/25/23 07:32	07/26/23 16:01	1
Carbazole	<0.20		0.20	0.097	mg/Kg	✱	07/25/23 07:32	07/26/23 16:01	1
Chrysene	<0.039		0.039	0.011	mg/Kg	✱	07/25/23 07:32	07/26/23 16:01	1
Dibenz(a,h)anthracene	<0.039		0.039	0.0075	mg/Kg	✱	07/25/23 07:32	07/26/23 16:01	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	✱	07/25/23 07:32	07/26/23 16:01	1
Diethyl phthalate	<0.20		0.20	0.066	mg/Kg	✱	07/25/23 07:32	07/26/23 16:01	1
Dimethyl phthalate	<0.20		0.20	0.051	mg/Kg	✱	07/25/23 07:32	07/26/23 16:01	1
Di-n-butyl phthalate	<0.20		0.20	0.059	mg/Kg	✱	07/25/23 07:32	07/26/23 16:01	1
Di-n-octyl phthalate	<0.20		0.20	0.063	mg/Kg	✱	07/25/23 07:32	07/26/23 16:01	1
Fluoranthene	<0.039		0.039	0.0072	mg/Kg	✱	07/25/23 07:32	07/26/23 16:01	1
Fluorene	<0.039		0.039	0.0055	mg/Kg	✱	07/25/23 07:32	07/26/23 16:01	1
Hexachlorobenzene	<0.078		0.078	0.0090	mg/Kg	✱	07/25/23 07:32	07/26/23 16:01	1
Hexachlorobutadiene	<0.20		0.20	0.061	mg/Kg	✱	07/25/23 07:32	07/26/23 16:01	1
Hexachlorocyclopentadiene	<0.78		0.78	0.22	mg/Kg	✱	07/25/23 07:32	07/26/23 16:01	1
Hexachloroethane	<0.20		0.20	0.059	mg/Kg	✱	07/25/23 07:32	07/26/23 16:01	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-13(0-6.5)-072023

Lab Sample ID: 500-237022-8

Date Collected: 07/20/23 10:50

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 84.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.039		0.039	0.010	mg/Kg	✳	07/25/23 07:32	07/26/23 16:01	1
Isophorone	<0.20		0.20	0.044	mg/Kg	✳	07/25/23 07:32	07/26/23 16:01	1
Naphthalene	<0.039		0.039	0.0060	mg/Kg	✳	07/25/23 07:32	07/26/23 16:01	1
Nitrobenzene	<0.039		0.039	0.0097	mg/Kg	✳	07/25/23 07:32	07/26/23 16:01	1
N-Nitrosodi-n-propylamine	<0.078		0.078	0.047	mg/Kg	✳	07/25/23 07:32	07/26/23 16:01	1
N-Nitrosodiphenylamine	<0.20		0.20	0.046	mg/Kg	✳	07/25/23 07:32	07/26/23 16:01	1
Pentachlorophenol	<0.78		0.78	0.62	mg/Kg	✳	07/25/23 07:32	07/26/23 16:01	1
Phenanthrene	<0.039		0.039	0.0054	mg/Kg	✳	07/25/23 07:32	07/26/23 16:01	1
Phenol	<0.20		0.20	0.086	mg/Kg	✳	07/25/23 07:32	07/26/23 16:01	1
Pyrene	<0.039		0.039	0.0077	mg/Kg	✳	07/25/23 07:32	07/26/23 16:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	80		31 - 166	07/25/23 07:32	07/26/23 16:01	1
Phenol-d5 (Surr)	82		30 - 153	07/25/23 07:32	07/26/23 16:01	1
Nitrobenzene-d5 (Surr)	79		37 - 147	07/25/23 07:32	07/26/23 16:01	1
2-Fluorobiphenyl (Surr)	68		43 - 145	07/25/23 07:32	07/26/23 16:01	1
2,4,6-Tribromophenol (Surr)	43		31 - 143	07/25/23 07:32	07/26/23 16:01	1
Terphenyl-d14 (Surr)	69		42 - 157	07/25/23 07:32	07/26/23 16:01	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	11000		11	4.5	mg/Kg	✳	07/24/23 09:38	07/25/23 19:43	1
Antimony	0.55	J	1.1	0.21	mg/Kg	✳	07/24/23 09:38	07/25/23 19:43	1
Arsenic	7.0		0.55	0.19	mg/Kg	✳	07/24/23 09:38	07/25/23 19:43	1
Barium	31		0.55	0.063	mg/Kg	✳	07/24/23 09:38	07/25/23 19:43	1
Beryllium	0.80		0.22	0.051	mg/Kg	✳	07/24/23 09:38	07/25/23 19:43	1
Cadmium	0.25	B	0.11	0.020	mg/Kg	✳	07/24/23 09:38	07/25/23 19:43	1
Calcium	56000	B	55	9.3	mg/Kg	✳	07/24/23 09:38	07/26/23 22:18	5
Chromium	15		0.55	0.27	mg/Kg	✳	07/24/23 09:38	07/25/23 19:43	1
Cobalt	13		0.28	0.072	mg/Kg	✳	07/24/23 09:38	07/25/23 19:43	1
Copper	26		0.55	0.15	mg/Kg	✳	07/24/23 09:38	07/25/23 19:43	1
Iron	19000		11	5.7	mg/Kg	✳	07/24/23 09:38	07/25/23 19:43	1
Lead	16		0.28	0.13	mg/Kg	✳	07/24/23 09:38	07/25/23 19:43	1
Magnesium	26000	B	5.5	2.7	mg/Kg	✳	07/24/23 09:38	07/25/23 19:43	1
Manganese	430	B	0.55	0.080	mg/Kg	✳	07/24/23 09:38	07/25/23 19:43	1
Nickel	32		0.55	0.16	mg/Kg	✳	07/24/23 09:38	07/25/23 19:43	1
Potassium	2600		28	9.7	mg/Kg	✳	07/24/23 09:38	07/25/23 19:43	1
Selenium	0.37	J	0.55	0.32	mg/Kg	✳	07/24/23 09:38	07/25/23 19:43	1
Silver	0.33		0.28	0.071	mg/Kg	✳	07/24/23 09:38	07/25/23 19:43	1
Sodium	2200		55	8.1	mg/Kg	✳	07/24/23 09:38	07/25/23 19:43	1
Thallium	<0.55		0.55	0.27	mg/Kg	✳	07/24/23 09:38	07/25/23 19:43	1
Vanadium	19		0.28	0.065	mg/Kg	✳	07/24/23 09:38	07/25/23 19:43	1
Zinc	58		1.1	0.48	mg/Kg	✳	07/24/23 09:38	07/25/23 19:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/26/23 16:51	07/28/23 03:50	1
Barium	0.29	J	0.50	0.050	mg/L		07/26/23 16:51	07/28/23 03:50	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/26/23 16:51	07/28/23 03:50	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/26/23 16:51	07/28/23 03:50	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-13(0-6.5)-072023

Lab Sample ID: 500-237022-8

Date Collected: 07/20/23 10:50

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 84.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 03:50	1
Cobalt	0.011	J	0.025	0.010	mg/L		07/26/23 16:51	07/28/23 03:50	1
Copper	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 03:50	1
Iron	0.28	J	0.40	0.20	mg/L		07/26/23 16:51	07/28/23 03:50	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/26/23 16:51	07/28/23 03:50	1
Manganese	4.8		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 03:50	1
Nickel	0.010	J	0.025	0.010	mg/L		07/26/23 16:51	07/28/23 03:50	1
Selenium	<0.050	^1+	0.050	0.020	mg/L		07/26/23 16:51	07/28/23 03:50	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 03:50	1
Zinc	<0.50		0.50	0.020	mg/L		07/26/23 16:51	07/28/23 03:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.12		0.050	0.010	mg/L		07/26/23 16:52	07/28/23 01:37	1
Barium	0.57		0.50	0.050	mg/L		07/26/23 16:52	07/28/23 01:37	1
Beryllium	0.010		0.0040	0.0040	mg/L		07/26/23 16:52	07/28/23 01:37	1
Cadmium	0.0020	J	0.0050	0.0020	mg/L		07/26/23 16:52	07/28/23 01:37	1
Chromium	0.19		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 01:37	1
Cobalt	0.12		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 01:37	1
Copper	0.30		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 01:37	1
Iron	11		0.40	0.20	mg/L		08/02/23 08:00	08/02/23 17:47	1
Lead	0.14		0.0075	0.0075	mg/L		07/26/23 16:52	07/28/23 01:37	1
Manganese	2.7		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 01:37	1
Nickel	0.31		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 01:37	1
Selenium	<0.050		0.050	0.020	mg/L		07/26/23 16:52	07/28/23 01:37	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 01:37	1
Zinc	0.58		0.50	0.020	mg/L		07/26/23 16:52	07/28/23 18:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/27/23 13:25	07/28/23 14:11	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.027	B	0.017	0.0092	mg/Kg	☆	07/28/23 17:10	07/31/23 10:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.9		0.2	0.2	SU			07/26/23 20:31	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-13(6.5-13)-072023

Lab Sample ID: 500-237022-9

Date Collected: 07/20/23 10:55

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 78.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.022	*1	0.022	0.0094	mg/Kg	☼	07/21/23 18:05	07/26/23 17:47	1
Benzene	<0.0022		0.0022	0.00055	mg/Kg	☼	07/21/23 18:05	07/26/23 17:47	1
Bromodichloromethane	<0.0022		0.0022	0.00044	mg/Kg	☼	07/21/23 18:05	07/26/23 17:47	1
Bromoform	<0.0022		0.0022	0.00063	mg/Kg	☼	07/21/23 18:05	07/26/23 17:47	1
Bromomethane	<0.0054		0.0054	0.0020	mg/Kg	☼	07/21/23 18:05	07/26/23 17:47	1
Carbon disulfide	<0.0054		0.0054	0.0011	mg/Kg	☼	07/21/23 18:05	07/26/23 17:47	1
Carbon tetrachloride	<0.0022		0.0022	0.00063	mg/Kg	☼	07/21/23 18:05	07/26/23 17:47	1
Chlorobenzene	<0.0022		0.0022	0.00080	mg/Kg	☼	07/21/23 18:05	07/26/23 17:47	1
Chloroethane	<0.0054		0.0054	0.0016	mg/Kg	☼	07/21/23 18:05	07/26/23 17:47	1
Chloroform	<0.0022		0.0022	0.00075	mg/Kg	☼	07/21/23 18:05	07/26/23 17:47	1
Chloromethane	<0.0054	*-	0.0054	0.0022	mg/Kg	☼	07/21/23 18:05	07/26/23 17:47	1
cis-1,2-Dichloroethene	<0.0022		0.0022	0.00060	mg/Kg	☼	07/21/23 18:05	07/26/23 17:47	1
cis-1,3-Dichloropropene	<0.0022		0.0022	0.00065	mg/Kg	☼	07/21/23 18:05	07/26/23 17:47	1
Dibromochloromethane	<0.0022		0.0022	0.00071	mg/Kg	☼	07/21/23 18:05	07/26/23 17:47	1
1,1-Dichloroethane	<0.0022		0.0022	0.00074	mg/Kg	☼	07/21/23 18:05	07/26/23 17:47	1
1,2-Dichloroethane	<0.0054		0.0054	0.0017	mg/Kg	☼	07/21/23 18:05	07/26/23 17:47	1
1,1-Dichloroethene	<0.0022		0.0022	0.00074	mg/Kg	☼	07/21/23 18:05	07/26/23 17:47	1
1,2-Dichloropropane	<0.0022		0.0022	0.00056	mg/Kg	☼	07/21/23 18:05	07/26/23 17:47	1
1,3-Dichloropropane, Total	<0.0022		0.0022	0.00076	mg/Kg	☼	07/21/23 18:05	07/26/23 17:47	1
Ethylbenzene	<0.0022		0.0022	0.0010	mg/Kg	☼	07/21/23 18:05	07/26/23 17:47	1
2-Hexanone	<0.0054		0.0054	0.0017	mg/Kg	☼	07/21/23 18:05	07/26/23 17:47	1
Methylene Chloride	<0.0054		0.0054	0.0021	mg/Kg	☼	07/21/23 18:05	07/26/23 17:47	1
Methyl Ethyl Ketone	<0.0054		0.0054	0.0024	mg/Kg	☼	07/21/23 18:05	07/26/23 17:47	1
methyl isobutyl ketone	<0.0054		0.0054	0.0016	mg/Kg	☼	07/21/23 18:05	07/26/23 17:47	1
Methyl tert-butyl ether	<0.0022		0.0022	0.00063	mg/Kg	☼	07/21/23 18:05	07/26/23 17:47	1
Styrene	<0.0022		0.0022	0.00065	mg/Kg	☼	07/21/23 18:05	07/26/23 17:47	1
1,1,2,2-Tetrachloroethane	<0.0022		0.0022	0.00069	mg/Kg	☼	07/21/23 18:05	07/26/23 17:47	1
Tetrachloroethene	<0.0022		0.0022	0.00074	mg/Kg	☼	07/21/23 18:05	07/26/23 17:47	1
Toluene	<0.0022		0.0022	0.00055	mg/Kg	☼	07/21/23 18:05	07/26/23 17:47	1
trans-1,2-Dichloroethene	<0.0022		0.0022	0.00096	mg/Kg	☼	07/21/23 18:05	07/26/23 17:47	1
trans-1,3-Dichloropropene	<0.0022		0.0022	0.00076	mg/Kg	☼	07/21/23 18:05	07/26/23 17:47	1
1,1,1-Trichloroethane	<0.0022		0.0022	0.00073	mg/Kg	☼	07/21/23 18:05	07/26/23 17:47	1
1,1,2-Trichloroethane	<0.0022		0.0022	0.00093	mg/Kg	☼	07/21/23 18:05	07/26/23 17:47	1
Trichloroethene	<0.0022		0.0022	0.00073	mg/Kg	☼	07/21/23 18:05	07/26/23 17:47	1
Vinyl chloride	<0.0022		0.0022	0.00096	mg/Kg	☼	07/21/23 18:05	07/26/23 17:47	1
Xylenes, Total	<0.0043		0.0043	0.00069	mg/Kg	☼	07/21/23 18:05	07/26/23 17:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		75 - 131	07/21/23 18:05	07/26/23 17:47	1
Dibromofluoromethane (Surr)	120		75 - 126	07/21/23 18:05	07/26/23 17:47	1
1,2-Dichloroethane-d4 (Surr)	146	S1+	70 - 134	07/21/23 18:05	07/26/23 17:47	1
Toluene-d8 (Surr)	122		75 - 124	07/21/23 18:05	07/26/23 17:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.043	mg/Kg	☼	07/25/23 07:32	07/26/23 15:16	1
1,2-Dichlorobenzene	<0.20		0.20	0.048	mg/Kg	☼	07/25/23 07:32	07/26/23 15:16	1
1,3-Dichlorobenzene	<0.20		0.20	0.045	mg/Kg	☼	07/25/23 07:32	07/26/23 15:16	1
1,4-Dichlorobenzene	<0.20		0.20	0.051	mg/Kg	☼	07/25/23 07:32	07/26/23 15:16	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	☼	07/25/23 07:32	07/26/23 15:16	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-13(6.5-13)-072023

Lab Sample ID: 500-237022-9

Date Collected: 07/20/23 10:55

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 78.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.40		0.40	0.091	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
2,4,6-Trichlorophenol	<0.40		0.40	0.14	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
2,4-Dichlorophenol	<0.40		0.40	0.095	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
2,4-Dimethylphenol	<0.40		0.40	0.15	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
2,4-Dinitrophenol	<0.81		0.81	0.71	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
2,4-Dinitrotoluene	<0.20		0.20	0.064	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
2,6-Dinitrotoluene	<0.20		0.20	0.079	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
2-Chlorophenol	<0.20		0.20	0.068	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
2-Methylnaphthalene	<0.081		0.081	0.0074	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
2-Methylphenol	<0.20		0.20	0.064	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
2-Nitroaniline	<0.20		0.20	0.054	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
2-Nitrophenol	<0.40		0.40	0.095	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
3 & 4 Methylphenol	<0.20		0.20	0.067	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.056	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
3-Nitroaniline	<0.40		0.40	0.12	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
4,6-Dinitro-2-methylphenol	<0.81		0.81	0.32	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.053	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
4-Chloro-3-methylphenol	<0.40		0.40	0.14	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
4-Chloroaniline	<0.81		0.81	0.19	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.047	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
4-Nitroaniline	<0.40		0.40	0.17	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
4-Nitrophenol	<0.81		0.81	0.38	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
Acenaphthene	<0.040		0.040	0.0072	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
Acenaphthylene	<0.040		0.040	0.0053	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
Anthracene	<0.040		0.040	0.0067	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
Benzo[a]anthracene	<0.040		0.040	0.0054	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
Benzo[a]pyrene	<0.040		0.040	0.0078	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
Benzo[b]fluoranthene	<0.040		0.040	0.0087	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
Benzo[g,h,i]perylene	<0.040		0.040	0.013	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
Benzo[k]fluoranthene	<0.040		0.040	0.012	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.041	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.060	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.073	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
Butyl benzyl phthalate	<0.20		0.20	0.076	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
Carbazole	<0.20		0.20	0.10	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
Chrysene	<0.040		0.040	0.011	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
Dibenz(a,h)anthracene	<0.040		0.040	0.0077	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
Dibenzofuran	<0.20		0.20	0.047	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
Diethyl phthalate	<0.20		0.20	0.068	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
Dimethyl phthalate	<0.20		0.20	0.052	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
Di-n-butyl phthalate	<0.20		0.20	0.061	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
Di-n-octyl phthalate	<0.20		0.20	0.065	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
Fluoranthene	<0.040		0.040	0.0074	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
Fluorene	<0.040		0.040	0.0056	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
Hexachlorobenzene	<0.081		0.081	0.0093	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
Hexachlorobutadiene	<0.20		0.20	0.063	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
Hexachlorocyclopentadiene	<0.81		0.81	0.23	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
Hexachloroethane	<0.20		0.20	0.061	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-13(6.5-13)-072023

Lab Sample ID: 500-237022-9

Date Collected: 07/20/23 10:55

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 78.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.040		0.040	0.010	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
Isophorone	<0.20		0.20	0.045	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
Naphthalene	<0.040		0.040	0.0062	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
Nitrobenzene	<0.040		0.040	0.010	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
N-Nitrosodi-n-propylamine	<0.081		0.081	0.049	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
N-Nitrosodiphenylamine	<0.20		0.20	0.047	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
Pentachlorophenol	<0.81		0.81	0.64	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
Phenanthrene	<0.040		0.040	0.0056	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
Phenol	<0.20		0.20	0.089	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1
Pyrene	<0.040		0.040	0.0080	mg/Kg	✳	07/25/23 07:32	07/26/23 15:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	76		31 - 166	07/25/23 07:32	07/26/23 15:16	1
Phenol-d5 (Surr)	82		30 - 153	07/25/23 07:32	07/26/23 15:16	1
Nitrobenzene-d5 (Surr)	78		37 - 147	07/25/23 07:32	07/26/23 15:16	1
2-Fluorobiphenyl (Surr)	74		43 - 145	07/25/23 07:32	07/26/23 15:16	1
2,4,6-Tribromophenol (Surr)	49		31 - 143	07/25/23 07:32	07/26/23 15:16	1
Terphenyl-d14 (Surr)	84		42 - 157	07/25/23 07:32	07/26/23 15:16	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9800		12	5.1	mg/Kg	✳	07/24/23 09:38	07/25/23 19:46	1
Antimony	0.39	J	1.2	0.24	mg/Kg	✳	07/24/23 09:38	07/25/23 19:46	1
Arsenic	6.4		0.62	0.21	mg/Kg	✳	07/24/23 09:38	07/25/23 19:46	1
Barium	26		0.62	0.071	mg/Kg	✳	07/24/23 09:38	07/25/23 19:46	1
Beryllium	0.76		0.25	0.058	mg/Kg	✳	07/24/23 09:38	07/25/23 19:46	1
Cadmium	0.21	B	0.12	0.022	mg/Kg	✳	07/24/23 09:38	07/25/23 19:46	1
Calcium	75000	B	62	11	mg/Kg	✳	07/24/23 09:38	07/26/23 22:28	5
Chromium	15		0.62	0.31	mg/Kg	✳	07/24/23 09:38	07/25/23 19:46	1
Cobalt	13		0.31	0.081	mg/Kg	✳	07/24/23 09:38	07/25/23 19:46	1
Copper	28		0.62	0.17	mg/Kg	✳	07/24/23 09:38	07/25/23 19:46	1
Iron	18000		12	6.5	mg/Kg	✳	07/24/23 09:38	07/25/23 19:46	1
Lead	14		0.31	0.14	mg/Kg	✳	07/24/23 09:38	07/25/23 19:46	1
Magnesium	35000	B	6.2	3.1	mg/Kg	✳	07/24/23 09:38	07/25/23 19:46	1
Manganese	450	B	0.62	0.090	mg/Kg	✳	07/24/23 09:38	07/25/23 19:46	1
Nickel	32		0.62	0.18	mg/Kg	✳	07/24/23 09:38	07/25/23 19:46	1
Potassium	2800		31	11	mg/Kg	✳	07/24/23 09:38	07/25/23 19:46	1
Selenium	<0.62		0.62	0.36	mg/Kg	✳	07/24/23 09:38	07/25/23 19:46	1
Silver	0.35		0.31	0.080	mg/Kg	✳	07/24/23 09:38	07/25/23 19:46	1
Sodium	650		62	9.2	mg/Kg	✳	07/24/23 09:38	07/25/23 19:46	1
Thallium	<0.62		0.62	0.31	mg/Kg	✳	07/24/23 09:38	07/25/23 19:46	1
Vanadium	18		0.31	0.073	mg/Kg	✳	07/24/23 09:38	07/25/23 19:46	1
Zinc	62		1.2	0.54	mg/Kg	✳	07/24/23 09:38	07/25/23 19:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/26/23 16:51	07/28/23 04:00	1
Barium	0.23	J	0.50	0.050	mg/L		07/26/23 16:51	07/28/23 04:00	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/26/23 16:51	07/28/23 04:00	1
Cadmium	0.0022	J	0.0050	0.0020	mg/L		07/26/23 16:51	07/28/23 04:00	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-13(6.5-13)-072023

Lab Sample ID: 500-237022-9

Date Collected: 07/20/23 10:55

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 78.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:00	1
Cobalt	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:00	1
Copper	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:00	1
Iron	0.21	J	0.40	0.20	mg/L		07/26/23 16:51	07/28/23 04:00	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/26/23 16:51	07/28/23 04:00	1
Manganese	3.0		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:00	1
Nickel	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:00	1
Selenium	<0.050	^1+	0.050	0.020	mg/L		07/26/23 16:51	07/28/23 04:00	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:00	1
Zinc	<0.50		0.50	0.020	mg/L		07/26/23 16:51	07/28/23 04:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.029	J	0.050	0.010	mg/L		07/26/23 16:52	07/28/23 01:41	1
Barium	0.28	J	0.50	0.050	mg/L		07/26/23 16:52	07/28/23 01:41	1
Beryllium	0.0059		0.0040	0.0040	mg/L		07/26/23 16:52	07/28/23 01:41	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/26/23 16:52	07/28/23 01:41	1
Chromium	0.12		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 01:41	1
Cobalt	0.057		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 01:41	1
Copper	0.16		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 01:41	1
Iron	12		0.40	0.20	mg/L		08/02/23 08:00	08/02/23 17:57	1
Lead	0.083		0.0075	0.0075	mg/L		07/26/23 16:52	07/28/23 01:41	1
Manganese	0.67		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 01:41	1
Nickel	0.14		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 01:41	1
Selenium	<0.050		0.050	0.020	mg/L		07/26/23 16:52	07/28/23 01:41	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 01:41	1
Zinc	0.52		0.50	0.020	mg/L		07/26/23 16:52	07/28/23 18:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/27/23 13:25	07/28/23 14:13	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.033	B	0.020	0.011	mg/Kg	☆	07/28/23 17:10	07/31/23 10:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.3		0.2	0.2	SU			07/26/23 20:36	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-13(13-20)-072023

Lab Sample ID: 500-237022-10

Date Collected: 07/20/23 11:00

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 85.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0075	mg/Kg	☼	07/21/23 18:05	07/27/23 12:48	1
Benzene	<0.0017		0.0017	0.00044	mg/Kg	☼	07/21/23 18:05	07/27/23 12:48	1
Bromodichloromethane	<0.0017		0.0017	0.00035	mg/Kg	☼	07/21/23 18:05	07/27/23 12:48	1
Bromoform	<0.0017		0.0017	0.00051	mg/Kg	☼	07/21/23 18:05	07/27/23 12:48	1
Bromomethane	<0.0043		0.0043	0.0016	mg/Kg	☼	07/21/23 18:05	07/27/23 12:48	1
Carbon disulfide	<0.0043		0.0043	0.00090	mg/Kg	☼	07/21/23 18:05	07/27/23 12:48	1
Carbon tetrachloride	<0.0017		0.0017	0.00050	mg/Kg	☼	07/21/23 18:05	07/27/23 12:48	1
Chlorobenzene	<0.0017		0.0017	0.00064	mg/Kg	☼	07/21/23 18:05	07/27/23 12:48	1
Chloroethane	<0.0043		0.0043	0.0013	mg/Kg	☼	07/21/23 18:05	07/27/23 12:48	1
Chloroform	<0.0017		0.0017	0.00060	mg/Kg	☼	07/21/23 18:05	07/27/23 12:48	1
Chloromethane	<0.0043		0.0043	0.0017	mg/Kg	☼	07/21/23 18:05	07/27/23 12:48	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00048	mg/Kg	☼	07/21/23 18:05	07/27/23 12:48	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00052	mg/Kg	☼	07/21/23 18:05	07/27/23 12:48	1
Dibromochloromethane	<0.0017		0.0017	0.00057	mg/Kg	☼	07/21/23 18:05	07/27/23 12:48	1
1,1-Dichloroethane	<0.0017		0.0017	0.00059	mg/Kg	☼	07/21/23 18:05	07/27/23 12:48	1
1,2-Dichloroethane	<0.0043		0.0043	0.0014	mg/Kg	☼	07/21/23 18:05	07/27/23 12:48	1
1,1-Dichloroethene	<0.0017		0.0017	0.00060	mg/Kg	☼	07/21/23 18:05	07/27/23 12:48	1
1,2-Dichloropropane	<0.0017		0.0017	0.00045	mg/Kg	☼	07/21/23 18:05	07/27/23 12:48	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00061	mg/Kg	☼	07/21/23 18:05	07/27/23 12:48	1
Ethylbenzene	<0.0017		0.0017	0.00083	mg/Kg	☼	07/21/23 18:05	07/27/23 12:48	1
2-Hexanone	<0.0043		0.0043	0.0014	mg/Kg	☼	07/21/23 18:05	07/27/23 12:48	1
Methylene Chloride	<0.0043		0.0043	0.0017	mg/Kg	☼	07/21/23 18:05	07/27/23 12:48	1
Methyl Ethyl Ketone	<0.0043		0.0043	0.0019	mg/Kg	☼	07/21/23 18:05	07/27/23 12:48	1
methyl isobutyl ketone	<0.0043		0.0043	0.0013	mg/Kg	☼	07/21/23 18:05	07/27/23 12:48	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00051	mg/Kg	☼	07/21/23 18:05	07/27/23 12:48	1
Styrene	<0.0017		0.0017	0.00052	mg/Kg	☼	07/21/23 18:05	07/27/23 12:48	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00055	mg/Kg	☼	07/21/23 18:05	07/27/23 12:48	1
Tetrachloroethene	<0.0017		0.0017	0.00059	mg/Kg	☼	07/21/23 18:05	07/27/23 12:48	1
Toluene	<0.0017		0.0017	0.00044	mg/Kg	☼	07/21/23 18:05	07/27/23 12:48	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00077	mg/Kg	☼	07/21/23 18:05	07/27/23 12:48	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00061	mg/Kg	☼	07/21/23 18:05	07/27/23 12:48	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00058	mg/Kg	☼	07/21/23 18:05	07/27/23 12:48	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00074	mg/Kg	☼	07/21/23 18:05	07/27/23 12:48	1
Trichloroethene	<0.0017		0.0017	0.00059	mg/Kg	☼	07/21/23 18:05	07/27/23 12:48	1
Vinyl chloride	<0.0017		0.0017	0.00077	mg/Kg	☼	07/21/23 18:05	07/27/23 12:48	1
Xylenes, Total	<0.0035		0.0035	0.00055	mg/Kg	☼	07/21/23 18:05	07/27/23 12:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		75 - 131	07/21/23 18:05	07/27/23 12:48	1
Dibromofluoromethane (Surr)	111		75 - 126	07/21/23 18:05	07/27/23 12:48	1
1,2-Dichloroethane-d4 (Surr)	118		70 - 134	07/21/23 18:05	07/27/23 12:48	1
Toluene-d8 (Surr)	124		75 - 124	07/21/23 18:05	07/27/23 12:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.040	mg/Kg	☼	07/25/23 07:32	07/26/23 14:08	1
1,2-Dichlorobenzene	<0.18		0.18	0.044	mg/Kg	☼	07/25/23 07:32	07/26/23 14:08	1
1,3-Dichlorobenzene	<0.18		0.18	0.041	mg/Kg	☼	07/25/23 07:32	07/26/23 14:08	1
1,4-Dichlorobenzene	<0.18		0.18	0.047	mg/Kg	☼	07/25/23 07:32	07/26/23 14:08	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.043	mg/Kg	☼	07/25/23 07:32	07/26/23 14:08	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-13(13-20)-072023

Lab Sample ID: 500-237022-10

Date Collected: 07/20/23 11:00

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 85.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.084	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
2,4-Dichlorophenol	<0.37		0.37	0.087	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
2,4-Dinitrophenol	<0.74		0.74	0.65	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
2,4-Dinitrotoluene	<0.18		0.18	0.058	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
2,6-Dinitrotoluene	<0.18		0.18	0.072	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
2-Chloronaphthalene	<0.18		0.18	0.041	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
2-Chlorophenol	<0.18		0.18	0.063	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
2-Methylnaphthalene	<0.074		0.074	0.0068	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
2-Methylphenol	<0.18		0.18	0.059	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
2-Nitroaniline	<0.18		0.18	0.050	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
2-Nitrophenol	<0.37		0.37	0.087	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
3 & 4 Methylphenol	<0.18		0.18	0.061	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.051	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
3-Nitroaniline	<0.37		0.37	0.11	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
4,6-Dinitro-2-methylphenol	<0.74		0.74	0.30	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.049	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
4-Chloroaniline	<0.74		0.74	0.17	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.043	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
4-Nitroaniline	<0.37		0.37	0.15	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
4-Nitrophenol	<0.74		0.74	0.35	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
Acenaphthene	<0.037		0.037	0.0066	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
Acenaphthylene	<0.037		0.037	0.0049	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
Anthracene	<0.037		0.037	0.0061	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
Benzo[a]anthracene	<0.037		0.037	0.0050	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
Benzo[a]pyrene	<0.037		0.037	0.0071	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
Benzo[b]fluoranthene	<0.037		0.037	0.0079	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
Benzo[g,h,i]perylene	<0.037		0.037	0.012	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
Benzo[k]fluoranthene	<0.037		0.037	0.011	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.038	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.055	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.067	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
Butyl benzyl phthalate	<0.18		0.18	0.070	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
Carbazole	<0.18		0.18	0.092	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
Chrysene	<0.037		0.037	0.010	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
Dibenz(a,h)anthracene	<0.037		0.037	0.0071	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
Dibenzofuran	<0.18		0.18	0.043	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
Diethyl phthalate	<0.18		0.18	0.062	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
Dimethyl phthalate	<0.18		0.18	0.048	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
Di-n-butyl phthalate	<0.18		0.18	0.056	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
Di-n-octyl phthalate	<0.18		0.18	0.060	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
Fluoranthene	<0.037		0.037	0.0068	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
Fluorene	<0.037		0.037	0.0052	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
Hexachlorobenzene	<0.074		0.074	0.0085	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
Hexachlorobutadiene	<0.18		0.18	0.058	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
Hexachlorocyclopentadiene	<0.74		0.74	0.21	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
Hexachloroethane	<0.18		0.18	0.056	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-13(13-20)-072023

Lab Sample ID: 500-237022-10

Date Collected: 07/20/23 11:00

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 85.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.037		0.037	0.0095	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
Isophorone	<0.18		0.18	0.041	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
Naphthalene	<0.037		0.037	0.0057	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
Nitrobenzene	<0.037		0.037	0.0092	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
N-Nitrosodi-n-propylamine	<0.074		0.074	0.045	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
N-Nitrosodiphenylamine	<0.18		0.18	0.043	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
Pentachlorophenol	<0.74		0.74	0.59	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
Phenanthrene	0.011	J	0.037	0.0051	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
Phenol	<0.18		0.18	0.082	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1
Pyrene	<0.037		0.037	0.0073	mg/Kg	✳	07/25/23 07:32	07/26/23 14:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	63		31 - 166	07/25/23 07:32	07/26/23 14:08	1
Phenol-d5 (Surr)	70		30 - 153	07/25/23 07:32	07/26/23 14:08	1
Nitrobenzene-d5 (Surr)	63		37 - 147	07/25/23 07:32	07/26/23 14:08	1
2-Fluorobiphenyl (Surr)	60		43 - 145	07/25/23 07:32	07/26/23 14:08	1
2,4,6-Tribromophenol (Surr)	35		31 - 143	07/25/23 07:32	07/26/23 14:08	1
Terphenyl-d14 (Surr)	72		42 - 157	07/25/23 07:32	07/26/23 14:08	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9700		11	4.4	mg/Kg	✳	07/24/23 09:38	07/25/23 19:50	1
Antimony	0.48	J	1.1	0.21	mg/Kg	✳	07/24/23 09:38	07/25/23 19:50	1
Arsenic	8.5		0.54	0.18	mg/Kg	✳	07/24/23 09:38	07/25/23 19:50	1
Barium	33		0.54	0.061	mg/Kg	✳	07/24/23 09:38	07/25/23 19:50	1
Beryllium	0.76		0.21	0.050	mg/Kg	✳	07/24/23 09:38	07/25/23 19:50	1
Cadmium	0.26	B	0.11	0.019	mg/Kg	✳	07/24/23 09:38	07/25/23 19:50	1
Calcium	67000	B	54	9.1	mg/Kg	✳	07/24/23 09:38	07/26/23 22:32	5
Chromium	14		0.54	0.27	mg/Kg	✳	07/24/23 09:38	07/25/23 19:50	1
Cobalt	13		0.27	0.070	mg/Kg	✳	07/24/23 09:38	07/25/23 19:50	1
Copper	28		0.54	0.15	mg/Kg	✳	07/24/23 09:38	07/25/23 19:50	1
Iron	18000		11	5.6	mg/Kg	✳	07/24/23 09:38	07/25/23 19:50	1
Lead	14		0.27	0.12	mg/Kg	✳	07/24/23 09:38	07/25/23 19:50	1
Magnesium	31000	B	5.4	2.7	mg/Kg	✳	07/24/23 09:38	07/25/23 19:50	1
Manganese	390	B	0.54	0.078	mg/Kg	✳	07/24/23 09:38	07/25/23 19:50	1
Nickel	32		0.54	0.16	mg/Kg	✳	07/24/23 09:38	07/25/23 19:50	1
Potassium	2900		27	9.5	mg/Kg	✳	07/24/23 09:38	07/25/23 19:50	1
Selenium	0.52	J	0.54	0.32	mg/Kg	✳	07/24/23 09:38	07/25/23 19:50	1
Silver	0.32		0.27	0.069	mg/Kg	✳	07/24/23 09:38	07/25/23 19:50	1
Sodium	190		54	7.9	mg/Kg	✳	07/24/23 09:38	07/25/23 19:50	1
Thallium	<0.54		0.54	0.27	mg/Kg	✳	07/24/23 09:38	07/25/23 19:50	1
Vanadium	17		0.27	0.063	mg/Kg	✳	07/24/23 09:38	07/25/23 19:50	1
Zinc	56		1.1	0.47	mg/Kg	✳	07/24/23 09:38	07/25/23 19:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/26/23 16:51	07/28/23 04:04	1
Barium	0.61		0.50	0.050	mg/L		07/26/23 16:51	07/28/23 04:04	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/26/23 16:51	07/28/23 04:04	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/26/23 16:51	07/28/23 04:04	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-13(13-20)-072023

Lab Sample ID: 500-237022-10

Date Collected: 07/20/23 11:00

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 85.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:04	1
Cobalt	0.029		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:04	1
Copper	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:04	1
Iron	0.25	J	0.40	0.20	mg/L		07/26/23 16:51	07/28/23 04:04	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/26/23 16:51	07/28/23 04:04	1
Manganese	2.2		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:04	1
Nickel	0.058		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:04	1
Selenium	<0.050	^1+	0.050	0.020	mg/L		07/26/23 16:51	07/28/23 04:04	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:04	1
Zinc	<0.50		0.50	0.020	mg/L		07/26/23 16:51	07/28/23 04:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.015	J	0.050	0.010	mg/L		07/26/23 16:52	07/28/23 01:44	1
Barium	0.22	J	0.50	0.050	mg/L		07/26/23 16:52	07/28/23 01:44	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/26/23 16:52	07/28/23 01:44	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/26/23 16:52	07/28/23 01:44	1
Chromium	0.064		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 01:44	1
Cobalt	0.030		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 01:44	1
Copper	0.067		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 01:44	1
Iron	11		0.40	0.20	mg/L		08/02/23 08:00	08/02/23 18:00	1
Lead	0.023		0.0075	0.0075	mg/L		07/26/23 16:52	07/28/23 01:44	1
Manganese	0.44		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 01:44	1
Nickel	0.071		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 01:44	1
Selenium	<0.050		0.050	0.020	mg/L		07/26/23 16:52	07/28/23 01:44	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 01:44	1
Zinc	0.12	J	0.50	0.020	mg/L		07/26/23 16:52	07/28/23 18:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/27/23 13:25	07/28/23 14:15	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.033	B	0.019	0.0099	mg/Kg	☆	07/28/23 17:10	07/31/23 10:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.6		0.2	0.2	SU			07/26/23 20:38	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-14(0-6.5)-072023

Lab Sample ID: 500-237022-11

Date Collected: 07/20/23 12:00

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 86.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018	*1	0.018	0.0078	mg/Kg	☼	07/21/23 18:05	07/26/23 18:35	1
Benzene	<0.0018		0.0018	0.00045	mg/Kg	☼	07/21/23 18:05	07/26/23 18:35	1
Bromodichloromethane	<0.0018		0.0018	0.00036	mg/Kg	☼	07/21/23 18:05	07/26/23 18:35	1
Bromoform	<0.0018		0.0018	0.00052	mg/Kg	☼	07/21/23 18:05	07/26/23 18:35	1
Bromomethane	<0.0045		0.0045	0.0017	mg/Kg	☼	07/21/23 18:05	07/26/23 18:35	1
Carbon disulfide	<0.0045		0.0045	0.00093	mg/Kg	☼	07/21/23 18:05	07/26/23 18:35	1
Carbon tetrachloride	<0.0018		0.0018	0.00052	mg/Kg	☼	07/21/23 18:05	07/26/23 18:35	1
Chlorobenzene	<0.0018		0.0018	0.00066	mg/Kg	☼	07/21/23 18:05	07/26/23 18:35	1
Chloroethane	<0.0045		0.0045	0.0013	mg/Kg	☼	07/21/23 18:05	07/26/23 18:35	1
Chloroform	<0.0018		0.0018	0.00062	mg/Kg	☼	07/21/23 18:05	07/26/23 18:35	1
Chloromethane	<0.0045	*-	0.0045	0.0018	mg/Kg	☼	07/21/23 18:05	07/26/23 18:35	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00050	mg/Kg	☼	07/21/23 18:05	07/26/23 18:35	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00054	mg/Kg	☼	07/21/23 18:05	07/26/23 18:35	1
Dibromochloromethane	<0.0018		0.0018	0.00058	mg/Kg	☼	07/21/23 18:05	07/26/23 18:35	1
1,1-Dichloroethane	<0.0018		0.0018	0.00061	mg/Kg	☼	07/21/23 18:05	07/26/23 18:35	1
1,2-Dichloroethane	<0.0045		0.0045	0.0014	mg/Kg	☼	07/21/23 18:05	07/26/23 18:35	1
1,1-Dichloroethene	<0.0018		0.0018	0.00061	mg/Kg	☼	07/21/23 18:05	07/26/23 18:35	1
1,2-Dichloropropane	<0.0018		0.0018	0.00046	mg/Kg	☼	07/21/23 18:05	07/26/23 18:35	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00063	mg/Kg	☼	07/21/23 18:05	07/26/23 18:35	1
Ethylbenzene	<0.0018		0.0018	0.00085	mg/Kg	☼	07/21/23 18:05	07/26/23 18:35	1
2-Hexanone	<0.0045		0.0045	0.0014	mg/Kg	☼	07/21/23 18:05	07/26/23 18:35	1
Methylene Chloride	<0.0045		0.0045	0.0018	mg/Kg	☼	07/21/23 18:05	07/26/23 18:35	1
Methyl Ethyl Ketone	<0.0045		0.0045	0.0020	mg/Kg	☼	07/21/23 18:05	07/26/23 18:35	1
methyl isobutyl ketone	<0.0045		0.0045	0.0013	mg/Kg	☼	07/21/23 18:05	07/26/23 18:35	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00052	mg/Kg	☼	07/21/23 18:05	07/26/23 18:35	1
Styrene	<0.0018		0.0018	0.00054	mg/Kg	☼	07/21/23 18:05	07/26/23 18:35	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00057	mg/Kg	☼	07/21/23 18:05	07/26/23 18:35	1
Tetrachloroethene	<0.0018		0.0018	0.00061	mg/Kg	☼	07/21/23 18:05	07/26/23 18:35	1
Toluene	<0.0018		0.0018	0.00045	mg/Kg	☼	07/21/23 18:05	07/26/23 18:35	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00079	mg/Kg	☼	07/21/23 18:05	07/26/23 18:35	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00063	mg/Kg	☼	07/21/23 18:05	07/26/23 18:35	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00060	mg/Kg	☼	07/21/23 18:05	07/26/23 18:35	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00076	mg/Kg	☼	07/21/23 18:05	07/26/23 18:35	1
Trichloroethene	<0.0018		0.0018	0.00060	mg/Kg	☼	07/21/23 18:05	07/26/23 18:35	1
Vinyl chloride	<0.0018		0.0018	0.00079	mg/Kg	☼	07/21/23 18:05	07/26/23 18:35	1
Xylenes, Total	<0.0036		0.0036	0.00057	mg/Kg	☼	07/21/23 18:05	07/26/23 18:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		75 - 131	07/21/23 18:05	07/26/23 18:35	1
Dibromofluoromethane (Surr)	115		75 - 126	07/21/23 18:05	07/26/23 18:35	1
1,2-Dichloroethane-d4 (Surr)	139	S1+	70 - 134	07/21/23 18:05	07/26/23 18:35	1
Toluene-d8 (Surr)	122		75 - 124	07/21/23 18:05	07/26/23 18:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	☼	07/25/23 07:32	07/26/23 13:46	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	☼	07/25/23 07:32	07/26/23 13:46	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	07/25/23 07:32	07/26/23 13:46	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	☼	07/25/23 07:32	07/26/23 13:46	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	☼	07/25/23 07:32	07/26/23 13:46	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-14(0-6.5)-072023

Lab Sample ID: 500-237022-11

Date Collected: 07/20/23 12:00

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 86.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.085	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
2,4-Dichlorophenol	<0.37		0.37	0.089	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
2,4-Dinitrophenol	<0.76		0.76	0.66	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
2,4-Dinitrotoluene	<0.19		0.19	0.060	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
2,6-Dinitrotoluene	<0.19		0.19	0.074	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
2-Chlorophenol	<0.19		0.19	0.064	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
2-Methylnaphthalene	<0.076		0.076	0.0069	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
2-Nitrophenol	<0.37		0.37	0.088	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
3 & 4 Methylphenol	<0.19		0.19	0.062	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.052	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.30	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
4-Chloroaniline	<0.76		0.76	0.18	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
4-Nitrophenol	<0.76		0.76	0.36	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
Acenaphthene	<0.037		0.037	0.0067	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
Acenaphthylene	<0.037		0.037	0.0049	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
Anthracene	<0.037		0.037	0.0063	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
Benzo[a]anthracene	0.014	J	0.037	0.0050	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
Benzo[a]pyrene	0.011	J	0.037	0.0072	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
Benzo[b]fluoranthene	0.015	J	0.037	0.0081	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
Benzo[g,h,i]perylene	<0.037		0.037	0.012	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
Benzo[k]fluoranthene	<0.037		0.037	0.011	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.068	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
Butyl benzyl phthalate	<0.19		0.19	0.071	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
Carbazole	<0.19		0.19	0.094	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
Chrysene	0.011	J	0.037	0.010	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
Dibenz(a,h)anthracene	<0.037		0.037	0.0072	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
Diethyl phthalate	<0.19		0.19	0.063	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
Fluoranthene	0.022	J	0.037	0.0069	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
Fluorene	<0.037		0.037	0.0053	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
Hexachlorobenzene	<0.076		0.076	0.0087	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
Hexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
Hexachlorocyclopentadiene	<0.76		0.76	0.22	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
Hexachloroethane	<0.19		0.19	0.057	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-14(0-6.5)-072023

Lab Sample ID: 500-237022-11

Date Collected: 07/20/23 12:00

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 86.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.029	J	0.037	0.0097	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
Isophorone	<0.19		0.19	0.042	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
Naphthalene	<0.037		0.037	0.0058	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
Nitrobenzene	<0.037		0.037	0.0093	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.046	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
Pentachlorophenol	<0.76		0.76	0.60	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
Phenanthrene	0.012	J	0.037	0.0052	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
Phenol	<0.19		0.19	0.083	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
Pyrene	0.021	J	0.037	0.0074	mg/Kg	✳	07/25/23 07:32	07/26/23 13:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	50		31 - 166				07/25/23 07:32	07/26/23 13:46	1
Phenol-d5 (Surr)	55		30 - 153				07/25/23 07:32	07/26/23 13:46	1
Nitrobenzene-d5 (Surr)	47		37 - 147				07/25/23 07:32	07/26/23 13:46	1
2-Fluorobiphenyl (Surr)	44		43 - 145				07/25/23 07:32	07/26/23 13:46	1
2,4,6-Tribromophenol (Surr)	33		31 - 143				07/25/23 07:32	07/26/23 13:46	1
Terphenyl-d14 (Surr)	55		42 - 157				07/25/23 07:32	07/26/23 13:46	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2000		11	4.4	mg/Kg	✳	07/24/23 09:38	07/25/23 19:53	1
Antimony	0.21	J	1.1	0.21	mg/Kg	✳	07/24/23 09:38	07/25/23 19:53	1
Arsenic	4.0		0.53	0.18	mg/Kg	✳	07/24/23 09:38	07/25/23 19:53	1
Barium	9.5		2.7	0.30	mg/Kg	✳	07/24/23 09:38	07/26/23 22:35	5
Beryllium	0.22		0.21	0.050	mg/Kg	✳	07/24/23 09:38	07/25/23 19:53	1
Cadmium	0.13	B	0.11	0.019	mg/Kg	✳	07/24/23 09:38	07/25/23 19:53	1
Calcium	150000	B	53	9.1	mg/Kg	✳	07/24/23 09:38	07/26/23 22:35	5
Chromium	4.7		0.53	0.26	mg/Kg	✳	07/24/23 09:38	07/25/23 19:53	1
Cobalt	3.1		0.27	0.070	mg/Kg	✳	07/24/23 09:38	07/25/23 19:53	1
Copper	9.6		0.53	0.15	mg/Kg	✳	07/24/23 09:38	07/25/23 19:53	1
Iron	9900		53	28	mg/Kg	✳	07/24/23 09:38	07/26/23 22:35	5
Lead	5.5		0.27	0.12	mg/Kg	✳	07/24/23 09:38	07/25/23 19:53	1
Magnesium	83000	B	27	13	mg/Kg	✳	07/24/23 09:38	07/26/23 22:35	5
Manganese	250	B	0.53	0.078	mg/Kg	✳	07/24/23 09:38	07/25/23 19:53	1
Nickel	7.3		0.53	0.16	mg/Kg	✳	07/24/23 09:38	07/25/23 19:53	1
Potassium	590		27	9.5	mg/Kg	✳	07/24/23 09:38	07/25/23 19:53	1
Selenium	<0.53		0.53	0.31	mg/Kg	✳	07/24/23 09:38	07/25/23 19:53	1
Silver	0.12	J	0.27	0.069	mg/Kg	✳	07/24/23 09:38	07/25/23 19:53	1
Sodium	440		53	7.9	mg/Kg	✳	07/24/23 09:38	07/25/23 19:53	1
Thallium	<0.53		0.53	0.27	mg/Kg	✳	07/24/23 09:38	07/25/23 19:53	1
Vanadium	12		0.27	0.063	mg/Kg	✳	07/24/23 09:38	07/25/23 19:53	1
Zinc	19		1.1	0.47	mg/Kg	✳	07/24/23 09:38	07/25/23 19:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/26/23 16:51	07/28/23 04:08	1
Barium	0.24	J	0.50	0.050	mg/L		07/26/23 16:51	07/28/23 04:08	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/26/23 16:51	07/28/23 04:08	1
Cadmium	0.0025	J	0.0050	0.0020	mg/L		07/26/23 16:51	07/28/23 04:08	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-14(0-6.5)-072023

Lab Sample ID: 500-237022-11

Date Collected: 07/20/23 12:00

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 86.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:08	1
Cobalt	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:08	1
Copper	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:08	1
Iron	<0.40		0.40	0.20	mg/L		07/26/23 16:51	07/28/23 04:08	1
Lead	0.059		0.0075	0.0075	mg/L		07/26/23 16:51	07/28/23 04:08	1
Manganese	0.88		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:08	1
Nickel	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:08	1
Selenium	<0.050	^1+	0.050	0.020	mg/L		07/26/23 16:51	07/28/23 04:08	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:08	1
Zinc	<0.50		0.50	0.020	mg/L		07/26/23 16:51	07/28/23 04:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.034	J	0.050	0.010	mg/L		07/26/23 16:52	07/28/23 01:48	1
Barium	0.30	J	0.50	0.050	mg/L		07/26/23 16:52	07/28/23 01:48	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/26/23 16:52	07/28/23 01:48	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/26/23 16:52	07/28/23 01:48	1
Chromium	0.093		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 01:48	1
Cobalt	0.021	J	0.025	0.010	mg/L		07/26/23 16:52	07/28/23 01:48	1
Copper	0.084		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 01:48	1
Iron	7.1		0.40	0.20	mg/L		08/02/23 08:00	08/02/23 18:04	1
Lead	0.10		0.0075	0.0075	mg/L		07/26/23 16:52	07/28/23 01:48	1
Manganese	0.47		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 01:48	1
Nickel	0.076		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 01:48	1
Selenium	<0.050		0.050	0.020	mg/L		07/26/23 16:52	07/28/23 01:48	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 01:48	1
Zinc	0.27	J	0.50	0.020	mg/L		07/26/23 16:52	07/28/23 18:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/27/23 13:25	07/28/23 14:17	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.031	B	0.017	0.0089	mg/Kg	☆	07/28/23 17:10	07/31/23 10:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.4		0.2	0.2	SU			07/26/23 20:41	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-14(6.5-13)-072023

Lab Sample ID: 500-237022-12

Date Collected: 07/20/23 12:05

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 85.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.020	*1	0.020	0.0086	mg/Kg	☼	07/21/23 18:05	07/26/23 19:00	1
Benzene	<0.0020		0.0020	0.00050	mg/Kg	☼	07/21/23 18:05	07/26/23 19:00	1
Bromodichloromethane	<0.0020		0.0020	0.00040	mg/Kg	☼	07/21/23 18:05	07/26/23 19:00	1
Bromoform	<0.0020		0.0020	0.00057	mg/Kg	☼	07/21/23 18:05	07/26/23 19:00	1
Bromomethane	<0.0049		0.0049	0.0019	mg/Kg	☼	07/21/23 18:05	07/26/23 19:00	1
Carbon disulfide	<0.0049		0.0049	0.0010	mg/Kg	☼	07/21/23 18:05	07/26/23 19:00	1
Carbon tetrachloride	<0.0020		0.0020	0.00057	mg/Kg	☼	07/21/23 18:05	07/26/23 19:00	1
Chlorobenzene	<0.0020		0.0020	0.00073	mg/Kg	☼	07/21/23 18:05	07/26/23 19:00	1
Chloroethane	<0.0049		0.0049	0.0015	mg/Kg	☼	07/21/23 18:05	07/26/23 19:00	1
Chloroform	<0.0020		0.0020	0.00068	mg/Kg	☼	07/21/23 18:05	07/26/23 19:00	1
Chloromethane	<0.0049	*-	0.0049	0.0020	mg/Kg	☼	07/21/23 18:05	07/26/23 19:00	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00055	mg/Kg	☼	07/21/23 18:05	07/26/23 19:00	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00059	mg/Kg	☼	07/21/23 18:05	07/26/23 19:00	1
Dibromochloromethane	<0.0020		0.0020	0.00064	mg/Kg	☼	07/21/23 18:05	07/26/23 19:00	1
1,1-Dichloroethane	<0.0020		0.0020	0.00067	mg/Kg	☼	07/21/23 18:05	07/26/23 19:00	1
1,2-Dichloroethane	<0.0049		0.0049	0.0015	mg/Kg	☼	07/21/23 18:05	07/26/23 19:00	1
1,1-Dichloroethene	<0.0020		0.0020	0.00068	mg/Kg	☼	07/21/23 18:05	07/26/23 19:00	1
1,2-Dichloropropane	<0.0020		0.0020	0.00051	mg/Kg	☼	07/21/23 18:05	07/26/23 19:00	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00069	mg/Kg	☼	07/21/23 18:05	07/26/23 19:00	1
Ethylbenzene	<0.0020		0.0020	0.00094	mg/Kg	☼	07/21/23 18:05	07/26/23 19:00	1
2-Hexanone	<0.0049		0.0049	0.0015	mg/Kg	☼	07/21/23 18:05	07/26/23 19:00	1
Methylene Chloride	<0.0049		0.0049	0.0019	mg/Kg	☼	07/21/23 18:05	07/26/23 19:00	1
Methyl Ethyl Ketone	<0.0049		0.0049	0.0022	mg/Kg	☼	07/21/23 18:05	07/26/23 19:00	1
methyl isobutyl ketone	<0.0049		0.0049	0.0015	mg/Kg	☼	07/21/23 18:05	07/26/23 19:00	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00058	mg/Kg	☼	07/21/23 18:05	07/26/23 19:00	1
Styrene	<0.0020		0.0020	0.00059	mg/Kg	☼	07/21/23 18:05	07/26/23 19:00	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00063	mg/Kg	☼	07/21/23 18:05	07/26/23 19:00	1
Tetrachloroethene	<0.0020		0.0020	0.00067	mg/Kg	☼	07/21/23 18:05	07/26/23 19:00	1
Toluene	<0.0020		0.0020	0.00050	mg/Kg	☼	07/21/23 18:05	07/26/23 19:00	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00087	mg/Kg	☼	07/21/23 18:05	07/26/23 19:00	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00069	mg/Kg	☼	07/21/23 18:05	07/26/23 19:00	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00066	mg/Kg	☼	07/21/23 18:05	07/26/23 19:00	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00084	mg/Kg	☼	07/21/23 18:05	07/26/23 19:00	1
Trichloroethene	<0.0020		0.0020	0.00066	mg/Kg	☼	07/21/23 18:05	07/26/23 19:00	1
Vinyl chloride	<0.0020		0.0020	0.00087	mg/Kg	☼	07/21/23 18:05	07/26/23 19:00	1
Xylenes, Total	<0.0039		0.0039	0.00063	mg/Kg	☼	07/21/23 18:05	07/26/23 19:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		75 - 131	07/21/23 18:05	07/26/23 19:00	1
Dibromofluoromethane (Surr)	121		75 - 126	07/21/23 18:05	07/26/23 19:00	1
1,2-Dichloroethane-d4 (Surr)	147	S1+	70 - 134	07/21/23 18:05	07/26/23 19:00	1
Toluene-d8 (Surr)	120		75 - 124	07/21/23 18:05	07/26/23 19:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
1,3-Dichlorobenzene	<0.19		0.19	0.044	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
1,4-Dichlorobenzene	<0.19		0.19	0.050	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.045	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-14(6.5-13)-072023

Lab Sample ID: 500-237022-12

Date Collected: 07/20/23 12:05

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 85.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.088	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
2,4-Dichlorophenol	<0.38		0.38	0.092	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
2,4-Dimethylphenol	<0.38		0.38	0.15	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
2,4-Dinitrophenol	<0.78		0.78	0.68	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
2,4-Dinitrotoluene	<0.19		0.19	0.062	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
2,6-Dinitrotoluene	<0.19		0.19	0.076	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
2-Chloronaphthalene	<0.19		0.19	0.043	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
2-Chlorophenol	<0.19		0.19	0.066	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
2-Methylnaphthalene	<0.078		0.078	0.0071	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
2-Methylphenol	<0.19		0.19	0.062	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
2-Nitroaniline	<0.19		0.19	0.052	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
2-Nitrophenol	<0.38		0.38	0.092	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
3 & 4 Methylphenol	<0.19		0.19	0.065	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.054	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
4,6-Dinitro-2-methylphenol	<0.78		0.78	0.31	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.051	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
4-Chloroaniline	<0.78		0.78	0.18	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
4-Nitrophenol	<0.78		0.78	0.37	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
Acenaphthene	<0.038		0.038	0.0070	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
Acenaphthylene	<0.038		0.038	0.0051	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
Anthracene	<0.038		0.038	0.0065	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
Benzo[a]anthracene	<0.038		0.038	0.0052	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
Benzo[a]pyrene	<0.038		0.038	0.0075	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
Benzo[b]fluoranthene	<0.038		0.038	0.0084	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
Benzo[g,h,i]perylene	<0.038		0.038	0.012	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
Benzo[k]fluoranthene	<0.038		0.038	0.011	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.040	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.058	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.071	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
Butyl benzyl phthalate	<0.19		0.19	0.074	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
Carbazole	<0.19		0.19	0.097	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
Chrysene	<0.038		0.038	0.011	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
Dibenz(a,h)anthracene	<0.038		0.038	0.0075	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
Diethyl phthalate	<0.19		0.19	0.066	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
Dimethyl phthalate	<0.19		0.19	0.051	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
Di-n-butyl phthalate	<0.19		0.19	0.059	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
Di-n-octyl phthalate	<0.19		0.19	0.063	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
Fluoranthene	<0.038		0.038	0.0072	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
Fluorene	<0.038		0.038	0.0054	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
Hexachlorobenzene	<0.078		0.078	0.0090	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
Hexachlorobutadiene	<0.19		0.19	0.061	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
Hexachlorocyclopentadiene	<0.78		0.78	0.22	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1
Hexachloroethane	<0.19		0.19	0.059	mg/Kg	☼	07/25/23 07:32	07/26/23 13:23	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-14(6.5-13)-072023

Lab Sample ID: 500-237022-12

Date Collected: 07/20/23 12:05

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 85.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.038		0.038	0.010	mg/Kg	✳	07/25/23 07:32	07/26/23 13:23	1
Isophorone	<0.19		0.19	0.043	mg/Kg	✳	07/25/23 07:32	07/26/23 13:23	1
Naphthalene	<0.038		0.038	0.0060	mg/Kg	✳	07/25/23 07:32	07/26/23 13:23	1
Nitrobenzene	<0.038		0.038	0.0097	mg/Kg	✳	07/25/23 07:32	07/26/23 13:23	1
N-Nitrosodi-n-propylamine	<0.078		0.078	0.047	mg/Kg	✳	07/25/23 07:32	07/26/23 13:23	1
N-Nitrosodiphenylamine	<0.19		0.19	0.046	mg/Kg	✳	07/25/23 07:32	07/26/23 13:23	1
Pentachlorophenol	<0.78		0.78	0.62	mg/Kg	✳	07/25/23 07:32	07/26/23 13:23	1
Phenanthrene	<0.038		0.038	0.0054	mg/Kg	✳	07/25/23 07:32	07/26/23 13:23	1
Phenol	<0.19		0.19	0.086	mg/Kg	✳	07/25/23 07:32	07/26/23 13:23	1
Pyrene	<0.038		0.038	0.0077	mg/Kg	✳	07/25/23 07:32	07/26/23 13:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	61		31 - 166	07/25/23 07:32	07/26/23 13:23	1
Phenol-d5 (Surr)	71		30 - 153	07/25/23 07:32	07/26/23 13:23	1
Nitrobenzene-d5 (Surr)	61		37 - 147	07/25/23 07:32	07/26/23 13:23	1
2-Fluorobiphenyl (Surr)	59		43 - 145	07/25/23 07:32	07/26/23 13:23	1
2,4,6-Tribromophenol (Surr)	29	S1-	31 - 143	07/25/23 07:32	07/26/23 13:23	1
Terphenyl-d14 (Surr)	75		42 - 157	07/25/23 07:32	07/26/23 13:23	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3900		11	4.4	mg/Kg	✳	07/24/23 09:38	07/25/23 19:57	1
Antimony	0.30	J	1.1	0.21	mg/Kg	✳	07/24/23 09:38	07/25/23 19:57	1
Arsenic	4.9		0.54	0.18	mg/Kg	✳	07/24/23 09:38	07/25/23 19:57	1
Barium	32		0.54	0.062	mg/Kg	✳	07/24/23 09:38	07/25/23 19:57	1
Beryllium	0.38		0.22	0.050	mg/Kg	✳	07/24/23 09:38	07/25/23 19:57	1
Cadmium	0.20	B	0.11	0.019	mg/Kg	✳	07/24/23 09:38	07/25/23 19:57	1
Calcium	73000	B	54	9.2	mg/Kg	✳	07/24/23 09:38	07/26/23 22:39	5
Chromium	6.8		0.54	0.27	mg/Kg	✳	07/24/23 09:38	07/25/23 19:57	1
Cobalt	5.1		0.27	0.071	mg/Kg	✳	07/24/23 09:38	07/25/23 19:57	1
Copper	18		0.54	0.15	mg/Kg	✳	07/24/23 09:38	07/25/23 19:57	1
Iron	11000		11	5.6	mg/Kg	✳	07/24/23 09:38	07/25/23 19:57	1
Lead	8.4		0.27	0.12	mg/Kg	✳	07/24/23 09:38	07/25/23 19:57	1
Magnesium	31000	B	5.4	2.7	mg/Kg	✳	07/24/23 09:38	07/25/23 19:57	1
Manganese	290	B	0.54	0.078	mg/Kg	✳	07/24/23 09:38	07/25/23 19:57	1
Nickel	14		0.54	0.16	mg/Kg	✳	07/24/23 09:38	07/25/23 19:57	1
Potassium	1000		27	9.6	mg/Kg	✳	07/24/23 09:38	07/25/23 19:57	1
Selenium	<0.54		0.54	0.32	mg/Kg	✳	07/24/23 09:38	07/25/23 19:57	1
Silver	0.24	J	0.27	0.070	mg/Kg	✳	07/24/23 09:38	07/25/23 19:57	1
Sodium	380		54	8.0	mg/Kg	✳	07/24/23 09:38	07/25/23 19:57	1
Thallium	<0.54		0.54	0.27	mg/Kg	✳	07/24/23 09:38	07/25/23 19:57	1
Vanadium	11		0.27	0.064	mg/Kg	✳	07/24/23 09:38	07/25/23 19:57	1
Zinc	52		1.1	0.47	mg/Kg	✳	07/24/23 09:38	07/25/23 19:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/26/23 16:51	07/28/23 04:11	1
Barium	0.47	J	0.50	0.050	mg/L		07/26/23 16:51	07/28/23 04:11	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/26/23 16:51	07/28/23 04:11	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/26/23 16:51	07/28/23 04:11	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-14(6.5-13)-072023

Lab Sample ID: 500-237022-12

Date Collected: 07/20/23 12:05

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 85.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:11	1
Cobalt	0.019	J	0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:11	1
Copper	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:11	1
Iron	<0.40		0.40	0.20	mg/L		07/26/23 16:51	07/28/23 04:11	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/26/23 16:51	07/28/23 04:11	1
Manganese	2.0		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:11	1
Nickel	0.031		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:11	1
Selenium	<0.050	^1+	0.050	0.020	mg/L		07/26/23 16:51	07/28/23 04:11	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:11	1
Zinc	0.034	J B	0.50	0.020	mg/L		07/26/23 16:51	07/28/23 04:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/26/23 16:52	07/28/23 01:51	1
Barium	<0.50		0.50	0.050	mg/L		07/26/23 16:52	07/28/23 01:51	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/26/23 16:52	07/28/23 01:51	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/26/23 16:52	07/28/23 01:51	1
Chromium	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 01:51	1
Cobalt	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 01:51	1
Copper	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 01:51	1
Iron	<0.40		0.40	0.20	mg/L		08/02/23 08:00	08/02/23 18:07	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/26/23 16:52	07/28/23 01:51	1
Manganese	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 01:51	1
Nickel	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 01:51	1
Selenium	<0.050		0.050	0.020	mg/L		07/26/23 16:52	07/28/23 01:51	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 01:51	1
Zinc	0.21	J	0.50	0.020	mg/L		07/26/23 16:52	07/28/23 18:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/27/23 13:25	07/28/23 14:20	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.026	B	0.017	0.0091	mg/Kg	☆	07/28/23 17:10	07/31/23 10:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.9		0.2	0.2	SU			07/26/23 20:43	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-14(13-20)-072023

Lab Sample ID: 500-237022-13

Date Collected: 07/20/23 12:10

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 87.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017	*1	0.017	0.0074	mg/Kg	☼	07/21/23 18:05	07/26/23 19:24	1
Benzene	<0.0017		0.0017	0.00043	mg/Kg	☼	07/21/23 18:05	07/26/23 19:24	1
Bromodichloromethane	<0.0017		0.0017	0.00035	mg/Kg	☼	07/21/23 18:05	07/26/23 19:24	1
Bromoform	<0.0017		0.0017	0.00050	mg/Kg	☼	07/21/23 18:05	07/26/23 19:24	1
Bromomethane	<0.0043		0.0043	0.0016	mg/Kg	☼	07/21/23 18:05	07/26/23 19:24	1
Carbon disulfide	<0.0043		0.0043	0.00089	mg/Kg	☼	07/21/23 18:05	07/26/23 19:24	1
Carbon tetrachloride	<0.0017		0.0017	0.00049	mg/Kg	☼	07/21/23 18:05	07/26/23 19:24	1
Chlorobenzene	<0.0017		0.0017	0.00063	mg/Kg	☼	07/21/23 18:05	07/26/23 19:24	1
Chloroethane	<0.0043		0.0043	0.0013	mg/Kg	☼	07/21/23 18:05	07/26/23 19:24	1
Chloroform	<0.0017		0.0017	0.00059	mg/Kg	☼	07/21/23 18:05	07/26/23 19:24	1
Chloromethane	<0.0043	*-	0.0043	0.0017	mg/Kg	☼	07/21/23 18:05	07/26/23 19:24	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00048	mg/Kg	☼	07/21/23 18:05	07/26/23 19:24	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00051	mg/Kg	☼	07/21/23 18:05	07/26/23 19:24	1
Dibromochloromethane	<0.0017		0.0017	0.00056	mg/Kg	☼	07/21/23 18:05	07/26/23 19:24	1
1,1-Dichloroethane	<0.0017		0.0017	0.00058	mg/Kg	☼	07/21/23 18:05	07/26/23 19:24	1
1,2-Dichloroethane	<0.0043		0.0043	0.0013	mg/Kg	☼	07/21/23 18:05	07/26/23 19:24	1
1,1-Dichloroethene	<0.0017		0.0017	0.00059	mg/Kg	☼	07/21/23 18:05	07/26/23 19:24	1
1,2-Dichloropropane	<0.0017		0.0017	0.00044	mg/Kg	☼	07/21/23 18:05	07/26/23 19:24	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00060	mg/Kg	☼	07/21/23 18:05	07/26/23 19:24	1
Ethylbenzene	<0.0017		0.0017	0.00081	mg/Kg	☼	07/21/23 18:05	07/26/23 19:24	1
2-Hexanone	<0.0043		0.0043	0.0013	mg/Kg	☼	07/21/23 18:05	07/26/23 19:24	1
Methylene Chloride	<0.0043		0.0043	0.0017	mg/Kg	☼	07/21/23 18:05	07/26/23 19:24	1
Methyl Ethyl Ketone	<0.0043		0.0043	0.0019	mg/Kg	☼	07/21/23 18:05	07/26/23 19:24	1
methyl isobutyl ketone	<0.0043		0.0043	0.0013	mg/Kg	☼	07/21/23 18:05	07/26/23 19:24	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00050	mg/Kg	☼	07/21/23 18:05	07/26/23 19:24	1
Styrene	<0.0017		0.0017	0.00051	mg/Kg	☼	07/21/23 18:05	07/26/23 19:24	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00054	mg/Kg	☼	07/21/23 18:05	07/26/23 19:24	1
Tetrachloroethene	<0.0017		0.0017	0.00058	mg/Kg	☼	07/21/23 18:05	07/26/23 19:24	1
Toluene	<0.0017		0.0017	0.00043	mg/Kg	☼	07/21/23 18:05	07/26/23 19:24	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00075	mg/Kg	☼	07/21/23 18:05	07/26/23 19:24	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00060	mg/Kg	☼	07/21/23 18:05	07/26/23 19:24	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00057	mg/Kg	☼	07/21/23 18:05	07/26/23 19:24	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00073	mg/Kg	☼	07/21/23 18:05	07/26/23 19:24	1
Trichloroethene	<0.0017		0.0017	0.00058	mg/Kg	☼	07/21/23 18:05	07/26/23 19:24	1
Vinyl chloride	<0.0017		0.0017	0.00075	mg/Kg	☼	07/21/23 18:05	07/26/23 19:24	1
Xylenes, Total	<0.0034		0.0034	0.00054	mg/Kg	☼	07/21/23 18:05	07/26/23 19:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		75 - 131	07/21/23 18:05	07/26/23 19:24	1
Dibromofluoromethane (Surr)	121		75 - 126	07/21/23 18:05	07/26/23 19:24	1
1,2-Dichloroethane-d4 (Surr)	147	S1+	70 - 134	07/21/23 18:05	07/26/23 19:24	1
Toluene-d8 (Surr)	126	S1+	75 - 124	07/21/23 18:05	07/26/23 19:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	☼	07/25/23 07:32	07/26/23 13:01	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	☼	07/25/23 07:32	07/26/23 13:01	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	☼	07/25/23 07:32	07/26/23 13:01	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	☼	07/25/23 07:32	07/26/23 13:01	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	☼	07/25/23 07:32	07/26/23 13:01	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-14(13-20)-072023

Lab Sample ID: 500-237022-13

Date Collected: 07/20/23 12:10

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 87.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.087	mg/Kg	✱	07/25/23 07:32	07/26/23 13:01	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	✱	07/25/23 07:32	07/26/23 13:01	1
2,4-Dichlorophenol	<0.38		0.38	0.090	mg/Kg	✱	07/25/23 07:32	07/26/23 13:01	1
2,4-Dimethylphenol	<0.38		0.38	0.14	mg/Kg	✱	07/25/23 07:32	07/26/23 13:01	1
2,4-Dinitrophenol	<0.77		0.77	0.67	mg/Kg	✱	07/25/23 07:32	07/26/23 13:01	1
2,4-Dinitrotoluene	<0.19		0.19	0.060	mg/Kg	✱	07/25/23 07:32	07/26/23 13:01	1
2,6-Dinitrotoluene	<0.19		0.19	0.075	mg/Kg	✱	07/25/23 07:32	07/26/23 13:01	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	✱	07/25/23 07:32	07/26/23 13:01	1
2-Chlorophenol	<0.19		0.19	0.065	mg/Kg	✱	07/25/23 07:32	07/26/23 13:01	1
2-Methylnaphthalene	<0.077		0.077	0.0070	mg/Kg	✱	07/25/23 07:32	07/26/23 13:01	1
2-Methylphenol	<0.19		0.19	0.061	mg/Kg	✱	07/25/23 07:32	07/26/23 13:01	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	✱	07/25/23 07:32	07/26/23 13:01	1
2-Nitrophenol	<0.38		0.38	0.090	mg/Kg	✱	07/25/23 07:32	07/26/23 13:01	1
3 & 4 Methylphenol	<0.19		0.19	0.063	mg/Kg	✱	07/25/23 07:32	07/26/23 13:01	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.053	mg/Kg	✱	07/25/23 07:32	07/26/23 13:01	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	✱	07/25/23 07:32	07/26/23 13:01	1
4,6-Dinitro-2-methylphenol	<0.77		0.77	0.31	mg/Kg	✱	07/25/23 07:32	07/26/23 13:01	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	✱	07/25/23 07:32	07/26/23 13:01	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	✱	07/25/23 07:32	07/26/23 13:01	1
4-Chloroaniline	<0.77		0.77	0.18	mg/Kg	✱	07/25/23 07:32	07/26/23 13:01	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	✱	07/25/23 07:32	07/26/23 13:01	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	✱	07/25/23 07:32	07/26/23 13:01	1
4-Nitrophenol	<0.77		0.77	0.36	mg/Kg	✱	07/25/23 07:32	07/26/23 13:01	1
Acenaphthene	<0.038		0.038	0.0068	mg/Kg	✱	07/25/23 07:32	07/26/23 13:01	1
Acenaphthylene	<0.038		0.038	0.0050	mg/Kg	✱	07/25/23 07:32	07/26/23 13:01	1
Anthracene	<0.038		0.038	0.0063	mg/Kg	✱	07/25/23 07:32	07/26/23 13:01	1
Benzo[a]anthracene	<0.038		0.038	0.0051	mg/Kg	✱	07/25/23 07:32	07/26/23 13:01	1
Benzo[a]pyrene	<0.038		0.038	0.0073	mg/Kg	✱	07/25/23 07:32	07/26/23 13:01	1
Benzo[b]fluoranthene	<0.038		0.038	0.0082	mg/Kg	✱	07/25/23 07:32	07/26/23 13:01	1
Benzo[g,h,i]perylene	<0.038		0.038	0.012	mg/Kg	✱	07/25/23 07:32	07/26/23 13:01	1
Benzo[k]fluoranthene	<0.038		0.038	0.011	mg/Kg	✱	07/25/23 07:32	07/26/23 13:01	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	✱	07/25/23 07:32	07/26/23 13:01	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.057	mg/Kg	✱	07/25/23 07:32	07/26/23 13:01	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.069	mg/Kg	✱	07/25/23 07:32	07/26/23 13:01	1
Butyl benzyl phthalate	<0.19		0.19	0.072	mg/Kg	✱	07/25/23 07:32	07/26/23 13:01	1
Carbazole	<0.19		0.19	0.095	mg/Kg	✱	07/25/23 07:32	07/26/23 13:01	1
Chrysene	<0.038		0.038	0.010	mg/Kg	✱	07/25/23 07:32	07/26/23 13:01	1
Dibenz(a,h)anthracene	<0.038		0.038	0.0073	mg/Kg	✱	07/25/23 07:32	07/26/23 13:01	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	✱	07/25/23 07:32	07/26/23 13:01	1
Diethyl phthalate	<0.19		0.19	0.064	mg/Kg	✱	07/25/23 07:32	07/26/23 13:01	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	✱	07/25/23 07:32	07/26/23 13:01	1
Di-n-butyl phthalate	<0.19		0.19	0.058	mg/Kg	✱	07/25/23 07:32	07/26/23 13:01	1
Di-n-octyl phthalate	<0.19		0.19	0.062	mg/Kg	✱	07/25/23 07:32	07/26/23 13:01	1
Fluoranthene	<0.038		0.038	0.0070	mg/Kg	✱	07/25/23 07:32	07/26/23 13:01	1
Fluorene	<0.038		0.038	0.0053	mg/Kg	✱	07/25/23 07:32	07/26/23 13:01	1
Hexachlorobenzene	<0.077		0.077	0.0088	mg/Kg	✱	07/25/23 07:32	07/26/23 13:01	1
Hexachlorobutadiene	<0.19		0.19	0.060	mg/Kg	✱	07/25/23 07:32	07/26/23 13:01	1
Hexachlorocyclopentadiene	<0.77		0.77	0.22	mg/Kg	✱	07/25/23 07:32	07/26/23 13:01	1
Hexachloroethane	<0.19		0.19	0.058	mg/Kg	✱	07/25/23 07:32	07/26/23 13:01	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-14(13-20)-072023

Lab Sample ID: 500-237022-13

Date Collected: 07/20/23 12:10

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 87.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.038		0.038	0.0098	mg/Kg	✳	07/25/23 07:32	07/26/23 13:01	1
Isophorone	<0.19		0.19	0.043	mg/Kg	✳	07/25/23 07:32	07/26/23 13:01	1
Naphthalene	<0.038		0.038	0.0058	mg/Kg	✳	07/25/23 07:32	07/26/23 13:01	1
Nitrobenzene	<0.038		0.038	0.0095	mg/Kg	✳	07/25/23 07:32	07/26/23 13:01	1
N-Nitrosodi-n-propylamine	<0.077		0.077	0.046	mg/Kg	✳	07/25/23 07:32	07/26/23 13:01	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	✳	07/25/23 07:32	07/26/23 13:01	1
Pentachlorophenol	<0.77		0.77	0.61	mg/Kg	✳	07/25/23 07:32	07/26/23 13:01	1
Phenanthrene	0.0083	J	0.038	0.0053	mg/Kg	✳	07/25/23 07:32	07/26/23 13:01	1
Phenol	<0.19		0.19	0.084	mg/Kg	✳	07/25/23 07:32	07/26/23 13:01	1
Pyrene	<0.038		0.038	0.0075	mg/Kg	✳	07/25/23 07:32	07/26/23 13:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	67		31 - 166	07/25/23 07:32	07/26/23 13:01	1
Phenol-d5 (Surr)	75		30 - 153	07/25/23 07:32	07/26/23 13:01	1
Nitrobenzene-d5 (Surr)	69		37 - 147	07/25/23 07:32	07/26/23 13:01	1
2-Fluorobiphenyl (Surr)	63		43 - 145	07/25/23 07:32	07/26/23 13:01	1
2,4,6-Tribromophenol (Surr)	44		31 - 143	07/25/23 07:32	07/26/23 13:01	1
Terphenyl-d14 (Surr)	80		42 - 157	07/25/23 07:32	07/26/23 13:01	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8200		11	4.4	mg/Kg	✳	07/24/23 09:38	07/25/23 20:00	1
Antimony	0.28	J	1.1	0.21	mg/Kg	✳	07/24/23 09:38	07/25/23 20:00	1
Arsenic	6.8		0.54	0.19	mg/Kg	✳	07/24/23 09:38	07/25/23 20:00	1
Barium	37		2.7	0.31	mg/Kg	✳	07/24/23 09:38	07/26/23 22:42	5
Beryllium	0.65		0.22	0.051	mg/Kg	✳	07/24/23 09:38	07/25/23 20:00	1
Cadmium	0.20	B	0.11	0.019	mg/Kg	✳	07/24/23 09:38	07/25/23 20:00	1
Calcium	78000	B	54	9.2	mg/Kg	✳	07/24/23 09:38	07/26/23 22:42	5
Chromium	12		0.54	0.27	mg/Kg	✳	07/24/23 09:38	07/25/23 20:00	1
Cobalt	12		0.27	0.071	mg/Kg	✳	07/24/23 09:38	07/25/23 20:00	1
Copper	23		0.54	0.15	mg/Kg	✳	07/24/23 09:38	07/25/23 20:00	1
Iron	21000		54	28	mg/Kg	✳	07/24/23 09:38	07/26/23 22:42	5
Lead	13		0.27	0.13	mg/Kg	✳	07/24/23 09:38	07/25/23 20:00	1
Magnesium	41000	B	27	13	mg/Kg	✳	07/24/23 09:38	07/26/23 22:42	5
Manganese	450	B	0.54	0.079	mg/Kg	✳	07/24/23 09:38	07/25/23 20:00	1
Nickel	26		0.54	0.16	mg/Kg	✳	07/24/23 09:38	07/25/23 20:00	1
Potassium	2400		27	9.6	mg/Kg	✳	07/24/23 09:38	07/25/23 20:00	1
Selenium	<0.54		0.54	0.32	mg/Kg	✳	07/24/23 09:38	07/25/23 20:00	1
Silver	0.30		0.27	0.070	mg/Kg	✳	07/24/23 09:38	07/25/23 20:00	1
Sodium	210		54	8.0	mg/Kg	✳	07/24/23 09:38	07/25/23 20:00	1
Thallium	<0.54		0.54	0.27	mg/Kg	✳	07/24/23 09:38	07/25/23 20:00	1
Vanadium	15		0.27	0.064	mg/Kg	✳	07/24/23 09:38	07/25/23 20:00	1
Zinc	49		1.1	0.48	mg/Kg	✳	07/24/23 09:38	07/25/23 20:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/26/23 16:51	07/28/23 04:15	1
Barium	0.67		0.50	0.050	mg/L		07/26/23 16:51	07/28/23 04:15	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/26/23 16:51	07/28/23 04:15	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/26/23 16:51	07/28/23 04:15	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-14(13-20)-072023

Lab Sample ID: 500-237022-13

Date Collected: 07/20/23 12:10

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 87.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:15	1
Cobalt	0.026		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:15	1
Copper	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:15	1
Iron	<0.40		0.40	0.20	mg/L		07/26/23 16:51	07/28/23 04:15	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/26/23 16:51	07/28/23 04:15	1
Manganese	2.7		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:15	1
Nickel	0.039		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:15	1
Selenium	<0.050	^1+	0.050	0.020	mg/L		07/26/23 16:51	07/28/23 04:15	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:15	1
Zinc	<0.50		0.50	0.020	mg/L		07/26/23 16:51	07/28/23 04:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/26/23 16:52	07/28/23 01:55	1
Barium	<0.50		0.50	0.050	mg/L		07/26/23 16:52	07/28/23 01:55	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/26/23 16:52	07/28/23 01:55	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/26/23 16:52	07/28/23 01:55	1
Chromium	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 01:55	1
Cobalt	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 01:55	1
Copper	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 01:55	1
Iron	0.76		0.40	0.20	mg/L		08/02/23 08:00	08/02/23 18:11	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/26/23 16:52	07/28/23 01:55	1
Manganese	0.029		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 01:55	1
Nickel	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 01:55	1
Selenium	<0.050		0.050	0.020	mg/L		07/26/23 16:52	07/28/23 01:55	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 01:55	1
Zinc	<0.50		0.50	0.020	mg/L		07/26/23 16:52	07/28/23 18:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/27/23 13:25	07/28/23 14:22	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.024	B	0.018	0.0094	mg/Kg	☆	07/28/23 17:10	07/31/23 10:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.8		0.2	0.2	SU			07/26/23 20:46	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-15(0-6.5)-072023

Lab Sample ID: 500-237022-14

Date Collected: 07/20/23 12:35

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 82.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.019	*1	0.019	0.0084	mg/Kg	☼	07/21/23 18:05	07/26/23 19:49	1
Benzene	<0.0019		0.0019	0.00049	mg/Kg	☼	07/21/23 18:05	07/26/23 19:49	1
Bromodichloromethane	<0.0019		0.0019	0.00039	mg/Kg	☼	07/21/23 18:05	07/26/23 19:49	1
Bromoform	<0.0019		0.0019	0.00056	mg/Kg	☼	07/21/23 18:05	07/26/23 19:49	1
Bromomethane	<0.0048		0.0048	0.0018	mg/Kg	☼	07/21/23 18:05	07/26/23 19:49	1
Carbon disulfide	<0.0048		0.0048	0.0010	mg/Kg	☼	07/21/23 18:05	07/26/23 19:49	1
Carbon tetrachloride	<0.0019		0.0019	0.00056	mg/Kg	☼	07/21/23 18:05	07/26/23 19:49	1
Chlorobenzene	<0.0019		0.0019	0.00071	mg/Kg	☼	07/21/23 18:05	07/26/23 19:49	1
Chloroethane	<0.0048		0.0048	0.0014	mg/Kg	☼	07/21/23 18:05	07/26/23 19:49	1
Chloroform	<0.0019		0.0019	0.00067	mg/Kg	☼	07/21/23 18:05	07/26/23 19:49	1
Chloromethane	<0.0048	*-	0.0048	0.0019	mg/Kg	☼	07/21/23 18:05	07/26/23 19:49	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00054	mg/Kg	☼	07/21/23 18:05	07/26/23 19:49	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00058	mg/Kg	☼	07/21/23 18:05	07/26/23 19:49	1
Dibromochloromethane	<0.0019		0.0019	0.00063	mg/Kg	☼	07/21/23 18:05	07/26/23 19:49	1
1,1-Dichloroethane	<0.0019		0.0019	0.00066	mg/Kg	☼	07/21/23 18:05	07/26/23 19:49	1
1,2-Dichloroethane	<0.0048		0.0048	0.0015	mg/Kg	☼	07/21/23 18:05	07/26/23 19:49	1
1,1-Dichloroethene	<0.0019		0.0019	0.00066	mg/Kg	☼	07/21/23 18:05	07/26/23 19:49	1
1,2-Dichloropropane	<0.0019		0.0019	0.00050	mg/Kg	☼	07/21/23 18:05	07/26/23 19:49	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00067	mg/Kg	☼	07/21/23 18:05	07/26/23 19:49	1
Ethylbenzene	<0.0019		0.0019	0.00092	mg/Kg	☼	07/21/23 18:05	07/26/23 19:49	1
2-Hexanone	<0.0048		0.0048	0.0015	mg/Kg	☼	07/21/23 18:05	07/26/23 19:49	1
Methylene Chloride	<0.0048		0.0048	0.0019	mg/Kg	☼	07/21/23 18:05	07/26/23 19:49	1
Methyl Ethyl Ketone	<0.0048		0.0048	0.0021	mg/Kg	☼	07/21/23 18:05	07/26/23 19:49	1
methyl isobutyl ketone	<0.0048		0.0048	0.0014	mg/Kg	☼	07/21/23 18:05	07/26/23 19:49	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00056	mg/Kg	☼	07/21/23 18:05	07/26/23 19:49	1
Styrene	<0.0019		0.0019	0.00058	mg/Kg	☼	07/21/23 18:05	07/26/23 19:49	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00061	mg/Kg	☼	07/21/23 18:05	07/26/23 19:49	1
Tetrachloroethene	<0.0019		0.0019	0.00065	mg/Kg	☼	07/21/23 18:05	07/26/23 19:49	1
Toluene	<0.0019		0.0019	0.00048	mg/Kg	☼	07/21/23 18:05	07/26/23 19:49	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00085	mg/Kg	☼	07/21/23 18:05	07/26/23 19:49	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00067	mg/Kg	☼	07/21/23 18:05	07/26/23 19:49	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00064	mg/Kg	☼	07/21/23 18:05	07/26/23 19:49	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00082	mg/Kg	☼	07/21/23 18:05	07/26/23 19:49	1
Trichloroethene	<0.0019		0.0019	0.00065	mg/Kg	☼	07/21/23 18:05	07/26/23 19:49	1
Vinyl chloride	<0.0019		0.0019	0.00085	mg/Kg	☼	07/21/23 18:05	07/26/23 19:49	1
Xylenes, Total	<0.0038		0.0038	0.00061	mg/Kg	☼	07/21/23 18:05	07/26/23 19:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		75 - 131	07/21/23 18:05	07/26/23 19:49	1
Dibromofluoromethane (Surr)	116		75 - 126	07/21/23 18:05	07/26/23 19:49	1
1,2-Dichloroethane-d4 (Surr)	140	S1+	70 - 134	07/21/23 18:05	07/26/23 19:49	1
Toluene-d8 (Surr)	119		75 - 124	07/21/23 18:05	07/26/23 19:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.043	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
1,3-Dichlorobenzene	<0.20		0.20	0.045	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
1,4-Dichlorobenzene	<0.20		0.20	0.051	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-15(0-6.5)-072023

Lab Sample ID: 500-237022-14

Date Collected: 07/20/23 12:35

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 82.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.091	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
2,4,6-Trichlorophenol	<0.39		0.39	0.14	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
2,4-Dichlorophenol	<0.39		0.39	0.094	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
2,4-Dinitrophenol	<0.80		0.80	0.70	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
2,4-Dinitrotoluene	<0.20		0.20	0.063	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
2,6-Dinitrotoluene	<0.20		0.20	0.078	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
2-Chlorophenol	<0.20		0.20	0.068	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
2-Methylnaphthalene	<0.080		0.080	0.0073	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
2-Methylphenol	<0.20		0.20	0.064	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
2-Nitrophenol	<0.39		0.39	0.094	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
3 & 4 Methylphenol	<0.20		0.20	0.066	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.056	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
4,6-Dinitro-2-methylphenol	<0.80		0.80	0.32	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
4-Chloro-3-methylphenol	<0.39		0.39	0.14	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
4-Chloroaniline	<0.80		0.80	0.19	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
4-Nitroaniline	<0.39		0.39	0.17	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
4-Nitrophenol	<0.80		0.80	0.38	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
Acenaphthene	<0.039		0.039	0.0071	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
Anthracene	0.0097	J	0.039	0.0066	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
Benzo[a]anthracene	0.039		0.039	0.0053	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
Benzo[a]pyrene	0.045		0.039	0.0077	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
Benzo[b]fluoranthene	0.053		0.039	0.0086	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
Benzo[g,h,i]perylene	0.051		0.039	0.013	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
Benzo[k]fluoranthene	0.019	J	0.039	0.012	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.041	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.060	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.073	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
Butyl benzyl phthalate	<0.20		0.20	0.076	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
Carbazole	<0.20		0.20	0.099	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
Chrysene	0.035	J	0.039	0.011	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
Dibenz(a,h)anthracene	<0.039		0.039	0.0077	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
Diethyl phthalate	<0.20		0.20	0.067	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
Dimethyl phthalate	<0.20		0.20	0.052	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
Di-n-octyl phthalate	<0.20		0.20	0.065	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
Fluoranthene	0.083		0.039	0.0074	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
Fluorene	<0.039		0.039	0.0056	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
Hexachlorobenzene	<0.080		0.080	0.0092	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
Hexachlorocyclopentadiene	<0.80		0.80	0.23	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1
Hexachloroethane	<0.20		0.20	0.060	mg/Kg	☼	07/25/23 07:32	07/26/23 17:31	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-15(0-6.5)-072023

Lab Sample ID: 500-237022-14

Date Collected: 07/20/23 12:35

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 82.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.073		0.039	0.010	mg/Kg	✳	07/25/23 07:32	07/26/23 17:31	1
Isophorone	<0.20		0.20	0.045	mg/Kg	✳	07/25/23 07:32	07/26/23 17:31	1
Naphthalene	<0.039		0.039	0.0061	mg/Kg	✳	07/25/23 07:32	07/26/23 17:31	1
Nitrobenzene	<0.039		0.039	0.0099	mg/Kg	✳	07/25/23 07:32	07/26/23 17:31	1
N-Nitrosodi-n-propylamine	<0.080		0.080	0.049	mg/Kg	✳	07/25/23 07:32	07/26/23 17:31	1
N-Nitrosodiphenylamine	<0.20		0.20	0.047	mg/Kg	✳	07/25/23 07:32	07/26/23 17:31	1
Pentachlorophenol	<0.80		0.80	0.64	mg/Kg	✳	07/25/23 07:32	07/26/23 17:31	1
Phenanthrene	0.055		0.039	0.0055	mg/Kg	✳	07/25/23 07:32	07/26/23 17:31	1
Phenol	<0.20		0.20	0.088	mg/Kg	✳	07/25/23 07:32	07/26/23 17:31	1
Pyrene	0.081		0.039	0.0079	mg/Kg	✳	07/25/23 07:32	07/26/23 17:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	57		31 - 166				07/25/23 07:32	07/26/23 17:31	1
Phenol-d5 (Surr)	63		30 - 153				07/25/23 07:32	07/26/23 17:31	1
Nitrobenzene-d5 (Surr)	53		37 - 147				07/25/23 07:32	07/26/23 17:31	1
2-Fluorobiphenyl (Surr)	49		43 - 145				07/25/23 07:32	07/26/23 17:31	1
2,4,6-Tribromophenol (Surr)	37		31 - 143				07/25/23 07:32	07/26/23 17:31	1
Terphenyl-d14 (Surr)	60		42 - 157				07/25/23 07:32	07/26/23 17:31	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7300		11	4.6	mg/Kg	✳	07/24/23 09:38	07/25/23 20:04	1
Antimony	0.36	J	1.1	0.22	mg/Kg	✳	07/24/23 09:38	07/25/23 20:04	1
Arsenic	7.3		0.56	0.19	mg/Kg	✳	07/24/23 09:38	07/25/23 20:04	1
Barium	61		2.8	0.32	mg/Kg	✳	07/24/23 09:38	07/26/23 22:46	5
Beryllium	0.53		0.22	0.052	mg/Kg	✳	07/24/23 09:38	07/25/23 20:04	1
Cadmium	0.30	B	0.11	0.020	mg/Kg	✳	07/24/23 09:38	07/25/23 20:04	1
Calcium	110000	B	56	9.5	mg/Kg	✳	07/24/23 09:38	07/26/23 22:46	5
Chromium	11		0.56	0.28	mg/Kg	✳	07/24/23 09:38	07/25/23 20:04	1
Cobalt	7.7		0.28	0.073	mg/Kg	✳	07/24/23 09:38	07/25/23 20:04	1
Copper	21		0.56	0.16	mg/Kg	✳	07/24/23 09:38	07/25/23 20:04	1
Iron	17000		56	29	mg/Kg	✳	07/24/23 09:38	07/26/23 22:46	5
Lead	20		0.28	0.13	mg/Kg	✳	07/24/23 09:38	07/25/23 20:04	1
Magnesium	54000	B	28	14	mg/Kg	✳	07/24/23 09:38	07/26/23 22:46	5
Manganese	390	B	0.56	0.081	mg/Kg	✳	07/24/23 09:38	07/25/23 20:04	1
Nickel	18		0.56	0.16	mg/Kg	✳	07/24/23 09:38	07/25/23 20:04	1
Potassium	1400		28	9.9	mg/Kg	✳	07/24/23 09:38	07/25/23 20:04	1
Selenium	<0.56		0.56	0.33	mg/Kg	✳	07/24/23 09:38	07/25/23 20:04	1
Silver	0.22	J	0.28	0.072	mg/Kg	✳	07/24/23 09:38	07/25/23 20:04	1
Sodium	1000		56	8.3	mg/Kg	✳	07/24/23 09:38	07/25/23 20:04	1
Thallium	<0.56		0.56	0.28	mg/Kg	✳	07/24/23 09:38	07/25/23 20:04	1
Vanadium	19		0.28	0.066	mg/Kg	✳	07/24/23 09:38	07/25/23 20:04	1
Zinc	48		1.1	0.49	mg/Kg	✳	07/24/23 09:38	07/25/23 20:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/26/23 16:51	07/28/23 04:19	1
Barium	0.24	J	0.50	0.050	mg/L		07/26/23 16:51	07/28/23 04:19	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/26/23 16:51	07/28/23 04:19	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/26/23 16:51	07/28/23 04:19	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-15(0-6.5)-072023

Lab Sample ID: 500-237022-14

Date Collected: 07/20/23 12:35

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 82.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:19	1
Cobalt	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:19	1
Copper	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:19	1
Iron	<0.40		0.40	0.20	mg/L		07/26/23 16:51	07/28/23 04:19	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/26/23 16:51	07/28/23 04:19	1
Manganese	0.54		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:19	1
Nickel	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:19	1
Selenium	<0.050	^1+	0.050	0.020	mg/L		07/26/23 16:51	07/28/23 04:19	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:19	1
Zinc	0.027	J B	0.50	0.020	mg/L		07/26/23 16:51	07/28/23 04:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.016	J	0.050	0.010	mg/L		07/26/23 16:52	07/28/23 01:58	1
Barium	0.071	J	0.50	0.050	mg/L		07/26/23 16:52	07/28/23 01:58	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/26/23 16:52	07/28/23 01:58	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/26/23 16:52	07/28/23 01:58	1
Chromium	0.026		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 01:58	1
Cobalt	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 01:58	1
Copper	0.029		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 01:58	1
Iron	3.0		0.40	0.20	mg/L		08/02/23 08:00	08/02/23 18:14	1
Lead	0.029		0.0075	0.0075	mg/L		07/26/23 16:52	07/28/23 01:58	1
Manganese	0.17		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 01:58	1
Nickel	0.021	J	0.025	0.010	mg/L		07/26/23 16:52	07/28/23 01:58	1
Selenium	<0.050		0.050	0.020	mg/L		07/26/23 16:52	07/28/23 01:58	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 01:58	1
Zinc	0.35	J	0.50	0.020	mg/L		07/26/23 16:52	07/28/23 18:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/27/23 13:25	07/28/23 14:24	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.014	J B	0.019	0.010	mg/Kg	☆	07/28/23 17:10	07/31/23 10:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.4		0.2	0.2	SU			07/26/23 20:48	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-15(6.5-13)-072023

Lab Sample ID: 500-237022-15

Date Collected: 07/20/23 12:40

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 84.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.019	*1	0.019	0.0081	mg/Kg	☼	07/21/23 18:05	07/26/23 20:13	1
Benzene	<0.0019		0.0019	0.00047	mg/Kg	☼	07/21/23 18:05	07/26/23 20:13	1
Bromodichloromethane	<0.0019		0.0019	0.00038	mg/Kg	☼	07/21/23 18:05	07/26/23 20:13	1
Bromoform	<0.0019		0.0019	0.00054	mg/Kg	☼	07/21/23 18:05	07/26/23 20:13	1
Bromomethane	<0.0046		0.0046	0.0018	mg/Kg	☼	07/21/23 18:05	07/26/23 20:13	1
Carbon disulfide	<0.0046		0.0046	0.00097	mg/Kg	☼	07/21/23 18:05	07/26/23 20:13	1
Carbon tetrachloride	<0.0019		0.0019	0.00054	mg/Kg	☼	07/21/23 18:05	07/26/23 20:13	1
Chlorobenzene	<0.0019		0.0019	0.00069	mg/Kg	☼	07/21/23 18:05	07/26/23 20:13	1
Chloroethane	<0.0046		0.0046	0.0014	mg/Kg	☼	07/21/23 18:05	07/26/23 20:13	1
Chloroform	<0.0019		0.0019	0.00064	mg/Kg	☼	07/21/23 18:05	07/26/23 20:13	1
Chloromethane	<0.0046	*-	0.0046	0.0019	mg/Kg	☼	07/21/23 18:05	07/26/23 20:13	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00052	mg/Kg	☼	07/21/23 18:05	07/26/23 20:13	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00056	mg/Kg	☼	07/21/23 18:05	07/26/23 20:13	1
Dibromochloromethane	<0.0019		0.0019	0.00061	mg/Kg	☼	07/21/23 18:05	07/26/23 20:13	1
1,1-Dichloroethane	<0.0019		0.0019	0.00064	mg/Kg	☼	07/21/23 18:05	07/26/23 20:13	1
1,2-Dichloroethane	<0.0046		0.0046	0.0014	mg/Kg	☼	07/21/23 18:05	07/26/23 20:13	1
1,1-Dichloroethene	<0.0019		0.0019	0.00064	mg/Kg	☼	07/21/23 18:05	07/26/23 20:13	1
1,2-Dichloropropane	<0.0019		0.0019	0.00048	mg/Kg	☼	07/21/23 18:05	07/26/23 20:13	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00065	mg/Kg	☼	07/21/23 18:05	07/26/23 20:13	1
Ethylbenzene	<0.0019		0.0019	0.00089	mg/Kg	☼	07/21/23 18:05	07/26/23 20:13	1
2-Hexanone	<0.0046		0.0046	0.0014	mg/Kg	☼	07/21/23 18:05	07/26/23 20:13	1
Methylene Chloride	<0.0046		0.0046	0.0018	mg/Kg	☼	07/21/23 18:05	07/26/23 20:13	1
Methyl Ethyl Ketone	<0.0046		0.0046	0.0021	mg/Kg	☼	07/21/23 18:05	07/26/23 20:13	1
methyl isobutyl ketone	<0.0046		0.0046	0.0014	mg/Kg	☼	07/21/23 18:05	07/26/23 20:13	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00055	mg/Kg	☼	07/21/23 18:05	07/26/23 20:13	1
Styrene	<0.0019		0.0019	0.00056	mg/Kg	☼	07/21/23 18:05	07/26/23 20:13	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00059	mg/Kg	☼	07/21/23 18:05	07/26/23 20:13	1
Tetrachloroethene	<0.0019		0.0019	0.00063	mg/Kg	☼	07/21/23 18:05	07/26/23 20:13	1
Toluene	<0.0019		0.0019	0.00047	mg/Kg	☼	07/21/23 18:05	07/26/23 20:13	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00082	mg/Kg	☼	07/21/23 18:05	07/26/23 20:13	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00065	mg/Kg	☼	07/21/23 18:05	07/26/23 20:13	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00062	mg/Kg	☼	07/21/23 18:05	07/26/23 20:13	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00080	mg/Kg	☼	07/21/23 18:05	07/26/23 20:13	1
Trichloroethene	<0.0019		0.0019	0.00063	mg/Kg	☼	07/21/23 18:05	07/26/23 20:13	1
Vinyl chloride	<0.0019		0.0019	0.00082	mg/Kg	☼	07/21/23 18:05	07/26/23 20:13	1
Xylenes, Total	<0.0037		0.0037	0.00059	mg/Kg	☼	07/21/23 18:05	07/26/23 20:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		75 - 131	07/21/23 18:05	07/26/23 20:13	1
Dibromofluoromethane (Surr)	119		75 - 126	07/21/23 18:05	07/26/23 20:13	1
1,2-Dichloroethane-d4 (Surr)	145	S1+	70 - 134	07/21/23 18:05	07/26/23 20:13	1
Toluene-d8 (Surr)	120		75 - 124	07/21/23 18:05	07/26/23 20:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.042	mg/Kg	☼	07/25/23 07:32	07/26/23 16:23	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	07/25/23 07:32	07/26/23 16:23	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	07/25/23 07:32	07/26/23 16:23	1
1,4-Dichlorobenzene	<0.20		0.20	0.050	mg/Kg	☼	07/25/23 07:32	07/26/23 16:23	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.045	mg/Kg	☼	07/25/23 07:32	07/26/23 16:23	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-15(6.5-13)-072023

Lab Sample ID: 500-237022-15

Date Collected: 07/20/23 12:40

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 84.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.089	mg/Kg	✱	07/25/23 07:32	07/26/23 16:23	1
2,4,6-Trichlorophenol	<0.39		0.39	0.13	mg/Kg	✱	07/25/23 07:32	07/26/23 16:23	1
2,4-Dichlorophenol	<0.39		0.39	0.093	mg/Kg	✱	07/25/23 07:32	07/26/23 16:23	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	✱	07/25/23 07:32	07/26/23 16:23	1
2,4-Dinitrophenol	<0.79		0.79	0.69	mg/Kg	✱	07/25/23 07:32	07/26/23 16:23	1
2,4-Dinitrotoluene	<0.20		0.20	0.062	mg/Kg	✱	07/25/23 07:32	07/26/23 16:23	1
2,6-Dinitrotoluene	<0.20		0.20	0.077	mg/Kg	✱	07/25/23 07:32	07/26/23 16:23	1
2-Chloronaphthalene	<0.20		0.20	0.043	mg/Kg	✱	07/25/23 07:32	07/26/23 16:23	1
2-Chlorophenol	<0.20		0.20	0.067	mg/Kg	✱	07/25/23 07:32	07/26/23 16:23	1
2-Methylnaphthalene	<0.079		0.079	0.0072	mg/Kg	✱	07/25/23 07:32	07/26/23 16:23	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	✱	07/25/23 07:32	07/26/23 16:23	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	✱	07/25/23 07:32	07/26/23 16:23	1
2-Nitrophenol	<0.39		0.39	0.093	mg/Kg	✱	07/25/23 07:32	07/26/23 16:23	1
3 & 4 Methylphenol	<0.20		0.20	0.065	mg/Kg	✱	07/25/23 07:32	07/26/23 16:23	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	✱	07/25/23 07:32	07/26/23 16:23	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	✱	07/25/23 07:32	07/26/23 16:23	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.31	mg/Kg	✱	07/25/23 07:32	07/26/23 16:23	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	✱	07/25/23 07:32	07/26/23 16:23	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	✱	07/25/23 07:32	07/26/23 16:23	1
4-Chloroaniline	<0.79		0.79	0.18	mg/Kg	✱	07/25/23 07:32	07/26/23 16:23	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	✱	07/25/23 07:32	07/26/23 16:23	1
4-Nitroaniline	<0.39		0.39	0.16	mg/Kg	✱	07/25/23 07:32	07/26/23 16:23	1
4-Nitrophenol	<0.79		0.79	0.37	mg/Kg	✱	07/25/23 07:32	07/26/23 16:23	1
Acenaphthene	<0.039		0.039	0.0070	mg/Kg	✱	07/25/23 07:32	07/26/23 16:23	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	✱	07/25/23 07:32	07/26/23 16:23	1
Anthracene	<0.039		0.039	0.0065	mg/Kg	✱	07/25/23 07:32	07/26/23 16:23	1
Benzo[a]anthracene	<0.039		0.039	0.0053	mg/Kg	✱	07/25/23 07:32	07/26/23 16:23	1
Benzo[a]pyrene	<0.039		0.039	0.0076	mg/Kg	✱	07/25/23 07:32	07/26/23 16:23	1
Benzo[b]fluoranthene	<0.039		0.039	0.0085	mg/Kg	✱	07/25/23 07:32	07/26/23 16:23	1
Benzo[g,h,i]perylene	<0.039		0.039	0.013	mg/Kg	✱	07/25/23 07:32	07/26/23 16:23	1
Benzo[k]fluoranthene	<0.039		0.039	0.012	mg/Kg	✱	07/25/23 07:32	07/26/23 16:23	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	✱	07/25/23 07:32	07/26/23 16:23	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	✱	07/25/23 07:32	07/26/23 16:23	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	✱	07/25/23 07:32	07/26/23 16:23	1
Butyl benzyl phthalate	<0.20		0.20	0.075	mg/Kg	✱	07/25/23 07:32	07/26/23 16:23	1
Carbazole	<0.20		0.20	0.098	mg/Kg	✱	07/25/23 07:32	07/26/23 16:23	1
Chrysene	<0.039		0.039	0.011	mg/Kg	✱	07/25/23 07:32	07/26/23 16:23	1
Dibenz(a,h)anthracene	<0.039		0.039	0.0076	mg/Kg	✱	07/25/23 07:32	07/26/23 16:23	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	✱	07/25/23 07:32	07/26/23 16:23	1
Diethyl phthalate	<0.20		0.20	0.066	mg/Kg	✱	07/25/23 07:32	07/26/23 16:23	1
Dimethyl phthalate	<0.20		0.20	0.051	mg/Kg	✱	07/25/23 07:32	07/26/23 16:23	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	✱	07/25/23 07:32	07/26/23 16:23	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	✱	07/25/23 07:32	07/26/23 16:23	1
Fluoranthene	<0.039		0.039	0.0073	mg/Kg	✱	07/25/23 07:32	07/26/23 16:23	1
Fluorene	<0.039		0.039	0.0055	mg/Kg	✱	07/25/23 07:32	07/26/23 16:23	1
Hexachlorobenzene	<0.079		0.079	0.0091	mg/Kg	✱	07/25/23 07:32	07/26/23 16:23	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	✱	07/25/23 07:32	07/26/23 16:23	1
Hexachlorocyclopentadiene	<0.79		0.79	0.23	mg/Kg	✱	07/25/23 07:32	07/26/23 16:23	1
Hexachloroethane	<0.20		0.20	0.060	mg/Kg	✱	07/25/23 07:32	07/26/23 16:23	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-15(6.5-13)-072023

Lab Sample ID: 500-237022-15

Date Collected: 07/20/23 12:40

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 84.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.039		0.039	0.010	mg/Kg	✳	07/25/23 07:32	07/26/23 16:23	1
Isophorone	<0.20		0.20	0.044	mg/Kg	✳	07/25/23 07:32	07/26/23 16:23	1
Naphthalene	<0.039		0.039	0.0060	mg/Kg	✳	07/25/23 07:32	07/26/23 16:23	1
Nitrobenzene	<0.039		0.039	0.0098	mg/Kg	✳	07/25/23 07:32	07/26/23 16:23	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.048	mg/Kg	✳	07/25/23 07:32	07/26/23 16:23	1
N-Nitrosodiphenylamine	<0.20		0.20	0.046	mg/Kg	✳	07/25/23 07:32	07/26/23 16:23	1
Pentachlorophenol	<0.79		0.79	0.63	mg/Kg	✳	07/25/23 07:32	07/26/23 16:23	1
Phenanthrene	0.020	J	0.039	0.0055	mg/Kg	✳	07/25/23 07:32	07/26/23 16:23	1
Phenol	<0.20		0.20	0.087	mg/Kg	✳	07/25/23 07:32	07/26/23 16:23	1
Pyrene	<0.039		0.039	0.0078	mg/Kg	✳	07/25/23 07:32	07/26/23 16:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	67		31 - 166	07/25/23 07:32	07/26/23 16:23	1
Phenol-d5 (Surr)	72		30 - 153	07/25/23 07:32	07/26/23 16:23	1
Nitrobenzene-d5 (Surr)	66		37 - 147	07/25/23 07:32	07/26/23 16:23	1
2-Fluorobiphenyl (Surr)	63		43 - 145	07/25/23 07:32	07/26/23 16:23	1
2,4,6-Tribromophenol (Surr)	40		31 - 143	07/25/23 07:32	07/26/23 16:23	1
Terphenyl-d14 (Surr)	68		42 - 157	07/25/23 07:32	07/26/23 16:23	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7600		11	4.5	mg/Kg	✳	07/24/23 09:38	07/25/23 20:08	1
Antimony	0.50	J	1.1	0.21	mg/Kg	✳	07/24/23 09:38	07/25/23 20:08	1
Arsenic	13		0.55	0.19	mg/Kg	✳	07/24/23 09:38	07/25/23 20:08	1
Barium	33		2.8	0.31	mg/Kg	✳	07/24/23 09:38	07/26/23 22:49	5
Beryllium	0.66		0.22	0.052	mg/Kg	✳	07/24/23 09:38	07/25/23 20:08	1
Cadmium	0.26	B	0.11	0.020	mg/Kg	✳	07/24/23 09:38	07/25/23 20:08	1
Calcium	81000	B	55	9.4	mg/Kg	✳	07/24/23 09:38	07/26/23 22:49	5
Chromium	12		0.55	0.27	mg/Kg	✳	07/24/23 09:38	07/25/23 20:08	1
Cobalt	12		0.28	0.072	mg/Kg	✳	07/24/23 09:38	07/25/23 20:08	1
Copper	24		0.55	0.15	mg/Kg	✳	07/24/23 09:38	07/25/23 20:08	1
Iron	26000		55	29	mg/Kg	✳	07/24/23 09:38	07/26/23 22:49	5
Lead	13		0.28	0.13	mg/Kg	✳	07/24/23 09:38	07/25/23 20:08	1
Magnesium	40000	B	28	14	mg/Kg	✳	07/24/23 09:38	07/26/23 22:49	5
Manganese	490	B	0.55	0.080	mg/Kg	✳	07/24/23 09:38	07/25/23 20:08	1
Nickel	25		0.55	0.16	mg/Kg	✳	07/24/23 09:38	07/25/23 20:08	1
Potassium	2100		28	9.8	mg/Kg	✳	07/24/23 09:38	07/25/23 20:08	1
Selenium	0.43	J	0.55	0.32	mg/Kg	✳	07/24/23 09:38	07/25/23 20:08	1
Silver	0.37		0.28	0.071	mg/Kg	✳	07/24/23 09:38	07/25/23 20:08	1
Sodium	370		55	8.2	mg/Kg	✳	07/24/23 09:38	07/25/23 20:08	1
Thallium	<0.55		0.55	0.28	mg/Kg	✳	07/24/23 09:38	07/25/23 20:08	1
Vanadium	15		0.28	0.065	mg/Kg	✳	07/24/23 09:38	07/25/23 20:08	1
Zinc	48		1.1	0.49	mg/Kg	✳	07/24/23 09:38	07/25/23 20:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.011	J	0.050	0.010	mg/L		07/26/23 16:51	07/28/23 04:22	1
Barium	0.41	J	0.50	0.050	mg/L		07/26/23 16:51	07/28/23 04:22	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/26/23 16:51	07/28/23 04:22	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/26/23 16:51	07/28/23 04:22	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-15(6.5-13)-072023

Lab Sample ID: 500-237022-15

Date Collected: 07/20/23 12:40

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 84.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:22	1
Cobalt	0.013	J	0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:22	1
Copper	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:22	1
Iron	<0.40		0.40	0.20	mg/L		07/26/23 16:51	07/28/23 04:22	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/26/23 16:51	07/28/23 04:22	1
Manganese	2.1		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:22	1
Nickel	0.021	J	0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:22	1
Selenium	<0.050	^1+	0.050	0.020	mg/L		07/26/23 16:51	07/28/23 04:22	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:22	1
Zinc	<0.50		0.50	0.020	mg/L		07/26/23 16:51	07/28/23 04:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/26/23 16:52	07/28/23 02:02	1
Barium	<0.50		0.50	0.050	mg/L		07/26/23 16:52	07/28/23 02:02	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/26/23 16:52	07/28/23 02:02	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/26/23 16:52	07/28/23 02:02	1
Chromium	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 02:02	1
Cobalt	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 02:02	1
Copper	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 02:02	1
Iron	0.97		0.40	0.20	mg/L		08/02/23 08:00	08/02/23 18:18	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/26/23 16:52	07/28/23 02:02	1
Manganese	0.022	J	0.025	0.010	mg/L		07/26/23 16:52	07/28/23 02:02	1
Nickel	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 02:02	1
Selenium	<0.050		0.050	0.020	mg/L		07/26/23 16:52	07/28/23 02:02	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 02:02	1
Zinc	0.022	J	0.50	0.020	mg/L		07/26/23 16:52	07/28/23 18:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/27/23 13:25	07/28/23 14:26	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.022	B	0.017	0.0092	mg/Kg	☆	07/28/23 17:10	07/31/23 10:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.8		0.2	0.2	SU			07/26/23 20:51	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-15(13-20)-072023

Lab Sample ID: 500-237022-16

Date Collected: 07/20/23 12:45

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 88.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.019	*1	0.019	0.0083	mg/Kg	☼	07/21/23 18:05	07/26/23 20:37	1
Benzene	<0.0019		0.0019	0.00049	mg/Kg	☼	07/21/23 18:05	07/26/23 20:37	1
Bromodichloromethane	<0.0019		0.0019	0.00039	mg/Kg	☼	07/21/23 18:05	07/26/23 20:37	1
Bromoform	<0.0019		0.0019	0.00056	mg/Kg	☼	07/21/23 18:05	07/26/23 20:37	1
Bromomethane	<0.0048		0.0048	0.0018	mg/Kg	☼	07/21/23 18:05	07/26/23 20:37	1
Carbon disulfide	<0.0048		0.0048	0.00099	mg/Kg	☼	07/21/23 18:05	07/26/23 20:37	1
Carbon tetrachloride	<0.0019		0.0019	0.00055	mg/Kg	☼	07/21/23 18:05	07/26/23 20:37	1
Chlorobenzene	<0.0019		0.0019	0.00070	mg/Kg	☼	07/21/23 18:05	07/26/23 20:37	1
Chloroethane	<0.0048		0.0048	0.0014	mg/Kg	☼	07/21/23 18:05	07/26/23 20:37	1
Chloroform	<0.0019		0.0019	0.00066	mg/Kg	☼	07/21/23 18:05	07/26/23 20:37	1
Chloromethane	<0.0048	*-	0.0048	0.0019	mg/Kg	☼	07/21/23 18:05	07/26/23 20:37	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00053	mg/Kg	☼	07/21/23 18:05	07/26/23 20:37	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00057	mg/Kg	☼	07/21/23 18:05	07/26/23 20:37	1
Dibromochloromethane	<0.0019		0.0019	0.00062	mg/Kg	☼	07/21/23 18:05	07/26/23 20:37	1
1,1-Dichloroethane	<0.0019		0.0019	0.00065	mg/Kg	☼	07/21/23 18:05	07/26/23 20:37	1
1,2-Dichloroethane	<0.0048		0.0048	0.0015	mg/Kg	☼	07/21/23 18:05	07/26/23 20:37	1
1,1-Dichloroethene	<0.0019		0.0019	0.00066	mg/Kg	☼	07/21/23 18:05	07/26/23 20:37	1
1,2-Dichloropropane	<0.0019		0.0019	0.00049	mg/Kg	☼	07/21/23 18:05	07/26/23 20:37	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00067	mg/Kg	☼	07/21/23 18:05	07/26/23 20:37	1
Ethylbenzene	<0.0019		0.0019	0.00091	mg/Kg	☼	07/21/23 18:05	07/26/23 20:37	1
2-Hexanone	<0.0048		0.0048	0.0015	mg/Kg	☼	07/21/23 18:05	07/26/23 20:37	1
Methylene Chloride	<0.0048		0.0048	0.0019	mg/Kg	☼	07/21/23 18:05	07/26/23 20:37	1
Methyl Ethyl Ketone	<0.0048		0.0048	0.0021	mg/Kg	☼	07/21/23 18:05	07/26/23 20:37	1
methyl isobutyl ketone	<0.0048		0.0048	0.0014	mg/Kg	☼	07/21/23 18:05	07/26/23 20:37	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00056	mg/Kg	☼	07/21/23 18:05	07/26/23 20:37	1
Styrene	<0.0019		0.0019	0.00058	mg/Kg	☼	07/21/23 18:05	07/26/23 20:37	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00061	mg/Kg	☼	07/21/23 18:05	07/26/23 20:37	1
Tetrachloroethene	<0.0019		0.0019	0.00065	mg/Kg	☼	07/21/23 18:05	07/26/23 20:37	1
Toluene	<0.0019		0.0019	0.00048	mg/Kg	☼	07/21/23 18:05	07/26/23 20:37	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00084	mg/Kg	☼	07/21/23 18:05	07/26/23 20:37	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00067	mg/Kg	☼	07/21/23 18:05	07/26/23 20:37	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00064	mg/Kg	☼	07/21/23 18:05	07/26/23 20:37	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00082	mg/Kg	☼	07/21/23 18:05	07/26/23 20:37	1
Trichloroethene	<0.0019		0.0019	0.00064	mg/Kg	☼	07/21/23 18:05	07/26/23 20:37	1
Vinyl chloride	<0.0019		0.0019	0.00084	mg/Kg	☼	07/21/23 18:05	07/26/23 20:37	1
Xylenes, Total	<0.0038		0.0038	0.00061	mg/Kg	☼	07/21/23 18:05	07/26/23 20:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		75 - 131	07/21/23 18:05	07/26/23 20:37	1
Dibromofluoromethane (Surr)	118		75 - 126	07/21/23 18:05	07/26/23 20:37	1
1,2-Dichloroethane-d4 (Surr)	143	S1+	70 - 134	07/21/23 18:05	07/26/23 20:37	1
Toluene-d8 (Surr)	122		75 - 124	07/21/23 18:05	07/26/23 20:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.039	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
1,2-Dichlorobenzene	<0.18		0.18	0.044	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
1,3-Dichlorobenzene	<0.18		0.18	0.041	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
1,4-Dichlorobenzene	<0.18		0.18	0.047	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.042	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-15(13-20)-072023

Lab Sample ID: 500-237022-16

Date Collected: 07/20/23 12:45

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 88.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.36		0.36	0.083	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
2,4,6-Trichlorophenol	<0.36		0.36	0.13	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
2,4-Dichlorophenol	<0.36		0.36	0.087	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
2,4-Dimethylphenol	<0.36		0.36	0.14	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
2,4-Dinitrophenol	<0.74		0.74	0.64	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
2,4-Dinitrotoluene	<0.18		0.18	0.058	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
2,6-Dinitrotoluene	<0.18		0.18	0.072	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
2-Chloronaphthalene	<0.18		0.18	0.040	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
2-Chlorophenol	<0.18		0.18	0.062	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
2-Methylnaphthalene	0.062	J	0.074	0.0067	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
2-Methylphenol	<0.18		0.18	0.059	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
2-Nitroaniline	<0.18		0.18	0.049	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
2-Nitrophenol	<0.36		0.36	0.086	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
3 & 4 Methylphenol	<0.18		0.18	0.061	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.051	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
3-Nitroaniline	<0.36		0.36	0.11	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
4,6-Dinitro-2-methylphenol	<0.74		0.74	0.29	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.048	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
4-Chloro-3-methylphenol	<0.36		0.36	0.12	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
4-Chloroaniline	<0.74		0.74	0.17	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.043	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
4-Nitroaniline	<0.36		0.36	0.15	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
4-Nitrophenol	<0.74		0.74	0.35	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
Acenaphthene	<0.036		0.036	0.0066	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
Acenaphthylene	<0.036		0.036	0.0048	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
Anthracene	<0.036		0.036	0.0061	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
Benzo[a]anthracene	0.011	J	0.036	0.0049	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
Benzo[a]pyrene	<0.036		0.036	0.0071	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
Benzo[b]fluoranthene	<0.036		0.036	0.0079	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
Benzo[g,h,i]perylene	<0.036		0.036	0.012	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
Benzo[k]fluoranthene	<0.036		0.036	0.011	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.037	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.055	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.067	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
Butyl benzyl phthalate	<0.18		0.18	0.070	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
Carbazole	<0.18		0.18	0.091	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
Chrysene	<0.036		0.036	0.010	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
Dibenz(a,h)anthracene	<0.036		0.036	0.0071	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
Dibenzofuran	<0.18		0.18	0.043	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
Diethyl phthalate	<0.18		0.18	0.062	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
Dimethyl phthalate	<0.18		0.18	0.048	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
Di-n-butyl phthalate	<0.18		0.18	0.056	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
Di-n-octyl phthalate	<0.18		0.18	0.060	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
Fluoranthene	<0.036		0.036	0.0068	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
Fluorene	<0.036		0.036	0.0051	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
Hexachlorobenzene	<0.074		0.074	0.0085	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
Hexachlorobutadiene	<0.18		0.18	0.057	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
Hexachlorocyclopentadiene	<0.74		0.74	0.21	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1
Hexachloroethane	<0.18		0.18	0.056	mg/Kg	☼	07/25/23 07:32	07/26/23 16:46	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-15(13-20)-072023

Lab Sample ID: 500-237022-16

Date Collected: 07/20/23 12:45

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 88.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.036		0.036	0.0095	mg/Kg	✳	07/25/23 07:32	07/26/23 16:46	1
Isophorone	<0.18		0.18	0.041	mg/Kg	✳	07/25/23 07:32	07/26/23 16:46	1
Naphthalene	0.017	J	0.036	0.0056	mg/Kg	✳	07/25/23 07:32	07/26/23 16:46	1
Nitrobenzene	<0.036		0.036	0.0091	mg/Kg	✳	07/25/23 07:32	07/26/23 16:46	1
N-Nitrosodi-n-propylamine	<0.074		0.074	0.045	mg/Kg	✳	07/25/23 07:32	07/26/23 16:46	1
N-Nitrosodiphenylamine	<0.18		0.18	0.043	mg/Kg	✳	07/25/23 07:32	07/26/23 16:46	1
Pentachlorophenol	<0.74		0.74	0.59	mg/Kg	✳	07/25/23 07:32	07/26/23 16:46	1
Phenanthrene	0.038		0.036	0.0051	mg/Kg	✳	07/25/23 07:32	07/26/23 16:46	1
Phenol	<0.18		0.18	0.081	mg/Kg	✳	07/25/23 07:32	07/26/23 16:46	1
Pyrene	<0.036		0.036	0.0073	mg/Kg	✳	07/25/23 07:32	07/26/23 16:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	80		31 - 166				07/25/23 07:32	07/26/23 16:46	1
Phenol-d5 (Surr)	87		30 - 153				07/25/23 07:32	07/26/23 16:46	1
Nitrobenzene-d5 (Surr)	78		37 - 147				07/25/23 07:32	07/26/23 16:46	1
2-Fluorobiphenyl (Surr)	72		43 - 145				07/25/23 07:32	07/26/23 16:46	1
2,4,6-Tribromophenol (Surr)	50		31 - 143				07/25/23 07:32	07/26/23 16:46	1
Terphenyl-d14 (Surr)	89		42 - 157				07/25/23 07:32	07/26/23 16:46	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8900		11	4.3	mg/Kg	✳	07/24/23 09:38	07/25/23 20:11	1
Antimony	0.38	J	1.1	0.21	mg/Kg	✳	07/24/23 09:38	07/25/23 20:11	1
Arsenic	8.4		0.53	0.18	mg/Kg	✳	07/24/23 09:38	07/25/23 20:11	1
Barium	30		0.53	0.061	mg/Kg	✳	07/24/23 09:38	07/25/23 20:11	1
Beryllium	0.70		0.21	0.050	mg/Kg	✳	07/24/23 09:38	07/25/23 20:11	1
Cadmium	0.15	B	0.11	0.019	mg/Kg	✳	07/24/23 09:38	07/25/23 20:11	1
Calcium	66000	B	53	9.0	mg/Kg	✳	07/24/23 09:38	07/26/23 22:53	5
Chromium	13		0.53	0.26	mg/Kg	✳	07/24/23 09:38	07/25/23 20:11	1
Cobalt	16		0.27	0.070	mg/Kg	✳	07/24/23 09:38	07/25/23 20:11	1
Copper	24		0.53	0.15	mg/Kg	✳	07/24/23 09:38	07/25/23 20:11	1
Iron	18000		11	5.5	mg/Kg	✳	07/24/23 09:38	07/25/23 20:11	1
Lead	13		0.27	0.12	mg/Kg	✳	07/24/23 09:38	07/25/23 20:11	1
Magnesium	30000	B	5.3	2.6	mg/Kg	✳	07/24/23 09:38	07/25/23 20:11	1
Manganese	460	B	0.53	0.077	mg/Kg	✳	07/24/23 09:38	07/25/23 20:11	1
Nickel	29		0.53	0.15	mg/Kg	✳	07/24/23 09:38	07/25/23 20:11	1
Potassium	2600		27	9.4	mg/Kg	✳	07/24/23 09:38	07/25/23 20:11	1
Selenium	<0.53		0.53	0.31	mg/Kg	✳	07/24/23 09:38	07/25/23 20:11	1
Silver	0.38		0.27	0.069	mg/Kg	✳	07/24/23 09:38	07/25/23 20:11	1
Sodium	220		53	7.9	mg/Kg	✳	07/24/23 09:38	07/25/23 20:11	1
Thallium	<0.53		0.53	0.27	mg/Kg	✳	07/24/23 09:38	07/25/23 20:11	1
Vanadium	16		0.27	0.063	mg/Kg	✳	07/24/23 09:38	07/25/23 20:11	1
Zinc	47		1.1	0.47	mg/Kg	✳	07/24/23 09:38	07/25/23 20:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.013	J	0.050	0.010	mg/L		07/26/23 16:51	07/28/23 04:26	1
Barium	0.42	J	0.50	0.050	mg/L		07/26/23 16:51	07/28/23 04:26	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/26/23 16:51	07/28/23 04:26	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/26/23 16:51	07/28/23 04:26	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-15(13-20)-072023

Lab Sample ID: 500-237022-16

Date Collected: 07/20/23 12:45

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 88.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:26	1
Cobalt	0.024	J	0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:26	1
Copper	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:26	1
Iron	<0.40		0.40	0.20	mg/L		07/26/23 16:51	07/28/23 04:26	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/26/23 16:51	07/28/23 04:26	1
Manganese	2.6		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:26	1
Nickel	0.039		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:26	1
Selenium	<0.050	^1+	0.050	0.020	mg/L		07/26/23 16:51	07/28/23 04:26	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:26	1
Zinc	<0.50		0.50	0.020	mg/L		07/26/23 16:51	07/28/23 04:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/26/23 16:52	07/28/23 02:05	1
Barium	0.055	J	0.50	0.050	mg/L		07/26/23 16:52	07/28/23 02:05	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/26/23 16:52	07/28/23 02:05	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/26/23 16:52	07/28/23 02:05	1
Chromium	0.011	J	0.025	0.010	mg/L		07/26/23 16:52	07/28/23 02:05	1
Cobalt	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 02:05	1
Copper	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 02:05	1
Iron	2.3		0.40	0.20	mg/L		08/02/23 08:00	08/02/23 18:21	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/26/23 16:52	07/28/23 02:05	1
Manganese	0.066		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 02:05	1
Nickel	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 02:05	1
Selenium	<0.050		0.050	0.020	mg/L		07/26/23 16:52	07/28/23 02:05	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 02:05	1
Zinc	<0.50		0.50	0.020	mg/L		07/26/23 16:52	07/28/23 18:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/27/23 13:25	07/28/23 14:32	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.022	B	0.018	0.0095	mg/Kg	☆	07/28/23 17:10	07/31/23 10:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.9		0.2	0.2	SU			07/26/23 20:53	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-15(0-6.5)-072023D

Lab Sample ID: 500-237022-17

Date Collected: 07/20/23 12:35

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 88.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018	*1	0.018	0.0079	mg/Kg	☼	07/21/23 18:05	07/26/23 21:02	1
Benzene	<0.0018		0.0018	0.00047	mg/Kg	☼	07/21/23 18:05	07/26/23 21:02	1
Bromodichloromethane	<0.0018		0.0018	0.00037	mg/Kg	☼	07/21/23 18:05	07/26/23 21:02	1
Bromoform	<0.0018		0.0018	0.00053	mg/Kg	☼	07/21/23 18:05	07/26/23 21:02	1
Bromomethane	<0.0046		0.0046	0.0017	mg/Kg	☼	07/21/23 18:05	07/26/23 21:02	1
Carbon disulfide	<0.0046		0.0046	0.00095	mg/Kg	☼	07/21/23 18:05	07/26/23 21:02	1
Carbon tetrachloride	<0.0018		0.0018	0.00053	mg/Kg	☼	07/21/23 18:05	07/26/23 21:02	1
Chlorobenzene	<0.0018		0.0018	0.00067	mg/Kg	☼	07/21/23 18:05	07/26/23 21:02	1
Chloroethane	<0.0046		0.0046	0.0014	mg/Kg	☼	07/21/23 18:05	07/26/23 21:02	1
Chloroform	<0.0018		0.0018	0.00063	mg/Kg	☼	07/21/23 18:05	07/26/23 21:02	1
Chloromethane	<0.0046	*-	0.0046	0.0018	mg/Kg	☼	07/21/23 18:05	07/26/23 21:02	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00051	mg/Kg	☼	07/21/23 18:05	07/26/23 21:02	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00055	mg/Kg	☼	07/21/23 18:05	07/26/23 21:02	1
Dibromochloromethane	<0.0018		0.0018	0.00060	mg/Kg	☼	07/21/23 18:05	07/26/23 21:02	1
1,1-Dichloroethane	<0.0018		0.0018	0.00063	mg/Kg	☼	07/21/23 18:05	07/26/23 21:02	1
1,2-Dichloroethane	<0.0046		0.0046	0.0014	mg/Kg	☼	07/21/23 18:05	07/26/23 21:02	1
1,1-Dichloroethene	<0.0018		0.0018	0.00063	mg/Kg	☼	07/21/23 18:05	07/26/23 21:02	1
1,2-Dichloropropane	<0.0018		0.0018	0.00047	mg/Kg	☼	07/21/23 18:05	07/26/23 21:02	1
1,3-Dichloropropane, Total	<0.0018		0.0018	0.00064	mg/Kg	☼	07/21/23 18:05	07/26/23 21:02	1
Ethylbenzene	<0.0018		0.0018	0.00087	mg/Kg	☼	07/21/23 18:05	07/26/23 21:02	1
2-Hexanone	<0.0046		0.0046	0.0014	mg/Kg	☼	07/21/23 18:05	07/26/23 21:02	1
Methylene Chloride	<0.0046		0.0046	0.0018	mg/Kg	☼	07/21/23 18:05	07/26/23 21:02	1
Methyl Ethyl Ketone	<0.0046		0.0046	0.0020	mg/Kg	☼	07/21/23 18:05	07/26/23 21:02	1
methyl isobutyl ketone	<0.0046		0.0046	0.0014	mg/Kg	☼	07/21/23 18:05	07/26/23 21:02	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00054	mg/Kg	☼	07/21/23 18:05	07/26/23 21:02	1
Styrene	<0.0018		0.0018	0.00055	mg/Kg	☼	07/21/23 18:05	07/26/23 21:02	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00058	mg/Kg	☼	07/21/23 18:05	07/26/23 21:02	1
Tetrachloroethene	<0.0018		0.0018	0.00062	mg/Kg	☼	07/21/23 18:05	07/26/23 21:02	1
Toluene	<0.0018		0.0018	0.00046	mg/Kg	☼	07/21/23 18:05	07/26/23 21:02	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00081	mg/Kg	☼	07/21/23 18:05	07/26/23 21:02	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00064	mg/Kg	☼	07/21/23 18:05	07/26/23 21:02	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00061	mg/Kg	☼	07/21/23 18:05	07/26/23 21:02	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00078	mg/Kg	☼	07/21/23 18:05	07/26/23 21:02	1
Trichloroethene	<0.0018		0.0018	0.00062	mg/Kg	☼	07/21/23 18:05	07/26/23 21:02	1
Vinyl chloride	<0.0018		0.0018	0.00081	mg/Kg	☼	07/21/23 18:05	07/26/23 21:02	1
Xylenes, Total	<0.0037		0.0037	0.00058	mg/Kg	☼	07/21/23 18:05	07/26/23 21:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		75 - 131	07/21/23 18:05	07/26/23 21:02	1
Dibromofluoromethane (Surr)	117		75 - 126	07/21/23 18:05	07/26/23 21:02	1
1,2-Dichloroethane-d4 (Surr)	144	S1+	70 - 134	07/21/23 18:05	07/26/23 21:02	1
Toluene-d8 (Surr)	117		75 - 124	07/21/23 18:05	07/26/23 21:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.039	mg/Kg	☼	07/25/23 07:32	07/26/23 17:53	1
1,2-Dichlorobenzene	<0.18		0.18	0.043	mg/Kg	☼	07/25/23 07:32	07/26/23 17:53	1
1,3-Dichlorobenzene	<0.18		0.18	0.041	mg/Kg	☼	07/25/23 07:32	07/26/23 17:53	1
1,4-Dichlorobenzene	<0.18		0.18	0.047	mg/Kg	☼	07/25/23 07:32	07/26/23 17:53	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.042	mg/Kg	☼	07/25/23 07:32	07/26/23 17:53	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-15(0-6.5)-072023D

Lab Sample ID: 500-237022-17

Date Collected: 07/20/23 12:35

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 88.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.36		0.36	0.083	mg/Kg	✳	07/25/23 07:32	07/26/23 17:53	1
2,4,6-Trichlorophenol	<0.36		0.36	0.12	mg/Kg	✳	07/25/23 07:32	07/26/23 17:53	1
2,4-Dichlorophenol	<0.36		0.36	0.086	mg/Kg	✳	07/25/23 07:32	07/26/23 17:53	1
2,4-Dimethylphenol	<0.36		0.36	0.14	mg/Kg	✳	07/25/23 07:32	07/26/23 17:53	1
2,4-Dinitrophenol	<0.73		0.73	0.64	mg/Kg	✳	07/25/23 07:32	07/26/23 17:53	1
2,4-Dinitrotoluene	<0.18		0.18	0.058	mg/Kg	✳	07/25/23 07:32	07/26/23 17:53	1
2,6-Dinitrotoluene	<0.18		0.18	0.071	mg/Kg	✳	07/25/23 07:32	07/26/23 17:53	1
2-Chloronaphthalene	<0.18		0.18	0.040	mg/Kg	✳	07/25/23 07:32	07/26/23 17:53	1
2-Chlorophenol	<0.18		0.18	0.062	mg/Kg	✳	07/25/23 07:32	07/26/23 17:53	1
2-Methylnaphthalene	<0.073		0.073	0.0067	mg/Kg	✳	07/25/23 07:32	07/26/23 17:53	1
2-Methylphenol	<0.18		0.18	0.058	mg/Kg	✳	07/25/23 07:32	07/26/23 17:53	1
2-Nitroaniline	<0.18		0.18	0.049	mg/Kg	✳	07/25/23 07:32	07/26/23 17:53	1
2-Nitrophenol	<0.36		0.36	0.086	mg/Kg	✳	07/25/23 07:32	07/26/23 17:53	1
3 & 4 Methylphenol	<0.18		0.18	0.060	mg/Kg	✳	07/25/23 07:32	07/26/23 17:53	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.051	mg/Kg	✳	07/25/23 07:32	07/26/23 17:53	1
3-Nitroaniline	<0.36		0.36	0.11	mg/Kg	✳	07/25/23 07:32	07/26/23 17:53	1
4,6-Dinitro-2-methylphenol	<0.73		0.73	0.29	mg/Kg	✳	07/25/23 07:32	07/26/23 17:53	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.048	mg/Kg	✳	07/25/23 07:32	07/26/23 17:53	1
4-Chloro-3-methylphenol	<0.36		0.36	0.12	mg/Kg	✳	07/25/23 07:32	07/26/23 17:53	1
4-Chloroaniline	<0.73		0.73	0.17	mg/Kg	✳	07/25/23 07:32	07/26/23 17:53	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.042	mg/Kg	✳	07/25/23 07:32	07/26/23 17:53	1
4-Nitroaniline	<0.36		0.36	0.15	mg/Kg	✳	07/25/23 07:32	07/26/23 17:53	1
4-Nitrophenol	<0.73		0.73	0.34	mg/Kg	✳	07/25/23 07:32	07/26/23 17:53	1
Acenaphthene	<0.036		0.036	0.0065	mg/Kg	✳	07/25/23 07:32	07/26/23 17:53	1
Acenaphthylene	<0.036		0.036	0.0048	mg/Kg	✳	07/25/23 07:32	07/26/23 17:53	1
Anthracene	<0.036		0.036	0.0061	mg/Kg	✳	07/25/23 07:32	07/26/23 17:53	1
Benzo[a]anthracene	0.024	J	0.036	0.0049	mg/Kg	✳	07/25/23 07:32	07/26/23 17:53	1
Benzo[a]pyrene	0.029	J	0.036	0.0070	mg/Kg	✳	07/25/23 07:32	07/26/23 17:53	1
Benzo[b]fluoranthene	0.038		0.036	0.0078	mg/Kg	✳	07/25/23 07:32	07/26/23 17:53	1
Benzo[g,h,i]perylene	0.028	J	0.036	0.012	mg/Kg	✳	07/25/23 07:32	07/26/23 17:53	1
Benzo[k]fluoranthene	0.012	J	0.036	0.011	mg/Kg	✳	07/25/23 07:32	07/26/23 17:53	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.037	mg/Kg	✳	07/25/23 07:32	07/26/23 17:53	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.054	mg/Kg	✳	07/25/23 07:32	07/26/23 17:53	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.066	mg/Kg	✳	07/25/23 07:32	07/26/23 17:53	1
Butyl benzyl phthalate	<0.18		0.18	0.069	mg/Kg	✳	07/25/23 07:32	07/26/23 17:53	1
Carbazole	<0.18		0.18	0.091	mg/Kg	✳	07/25/23 07:32	07/26/23 17:53	1
Chrysene	0.024	J	0.036	0.0099	mg/Kg	✳	07/25/23 07:32	07/26/23 17:53	1
Dibenz(a,h)anthracene	<0.036		0.036	0.0070	mg/Kg	✳	07/25/23 07:32	07/26/23 17:53	1
Dibenzofuran	<0.18		0.18	0.042	mg/Kg	✳	07/25/23 07:32	07/26/23 17:53	1
Diethyl phthalate	<0.18		0.18	0.061	mg/Kg	✳	07/25/23 07:32	07/26/23 17:53	1
Dimethyl phthalate	<0.18		0.18	0.047	mg/Kg	✳	07/25/23 07:32	07/26/23 17:53	1
Di-n-butyl phthalate	<0.18		0.18	0.055	mg/Kg	✳	07/25/23 07:32	07/26/23 17:53	1
Di-n-octyl phthalate	<0.18		0.18	0.059	mg/Kg	✳	07/25/23 07:32	07/26/23 17:53	1
Fluoranthene	0.045		0.036	0.0067	mg/Kg	✳	07/25/23 07:32	07/26/23 17:53	1
Fluorene	<0.036		0.036	0.0051	mg/Kg	✳	07/25/23 07:32	07/26/23 17:53	1
Hexachlorobenzene	<0.073		0.073	0.0084	mg/Kg	✳	07/25/23 07:32	07/26/23 17:53	1
Hexachlorobutadiene	<0.18		0.18	0.057	mg/Kg	✳	07/25/23 07:32	07/26/23 17:53	1
Hexachlorocyclopentadiene	<0.73		0.73	0.21	mg/Kg	✳	07/25/23 07:32	07/26/23 17:53	1
Hexachloroethane	<0.18		0.18	0.055	mg/Kg	✳	07/25/23 07:32	07/26/23 17:53	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-15(0-6.5)-072023D

Lab Sample ID: 500-237022-17

Date Collected: 07/20/23 12:35

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 88.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.038		0.036	0.0094	mg/Kg	✱	07/25/23 07:32	07/26/23 17:53	1
Isophorone	<0.18		0.18	0.041	mg/Kg	✱	07/25/23 07:32	07/26/23 17:53	1
Naphthalene	<0.036		0.036	0.0056	mg/Kg	✱	07/25/23 07:32	07/26/23 17:53	1
Nitrobenzene	<0.036		0.036	0.0091	mg/Kg	✱	07/25/23 07:32	07/26/23 17:53	1
N-Nitrosodi-n-propylamine	<0.073		0.073	0.044	mg/Kg	✱	07/25/23 07:32	07/26/23 17:53	1
N-Nitrosodiphenylamine	<0.18		0.18	0.043	mg/Kg	✱	07/25/23 07:32	07/26/23 17:53	1
Pentachlorophenol	<0.73		0.73	0.58	mg/Kg	✱	07/25/23 07:32	07/26/23 17:53	1
Phenanthrene	0.021	J	0.036	0.0051	mg/Kg	✱	07/25/23 07:32	07/26/23 17:53	1
Phenol	<0.18		0.18	0.081	mg/Kg	✱	07/25/23 07:32	07/26/23 17:53	1
Pyrene	0.045		0.036	0.0072	mg/Kg	✱	07/25/23 07:32	07/26/23 17:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	59		31 - 166	07/25/23 07:32	07/26/23 17:53	1
Phenol-d5 (Surr)	71		30 - 153	07/25/23 07:32	07/26/23 17:53	1
Nitrobenzene-d5 (Surr)	59		37 - 147	07/25/23 07:32	07/26/23 17:53	1
2-Fluorobiphenyl (Surr)	59		43 - 145	07/25/23 07:32	07/26/23 17:53	1
2,4,6-Tribromophenol (Surr)	48		31 - 143	07/25/23 07:32	07/26/23 17:53	1
Terphenyl-d14 (Surr)	85		42 - 157	07/25/23 07:32	07/26/23 17:53	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8400		10	4.2	mg/Kg	✱	07/24/23 09:38	07/25/23 20:22	1
Antimony	0.36	J	1.0	0.20	mg/Kg	✱	07/24/23 09:38	07/25/23 20:22	1
Arsenic	6.4		0.52	0.18	mg/Kg	✱	07/24/23 09:38	07/25/23 20:22	1
Barium	170		2.6	0.29	mg/Kg	✱	07/24/23 09:38	07/26/23 22:56	5
Beryllium	0.58		0.21	0.048	mg/Kg	✱	07/24/23 09:38	07/25/23 20:22	1
Cadmium	0.21	B	0.10	0.019	mg/Kg	✱	07/24/23 09:38	07/25/23 20:22	1
Calcium	68000	B	52	8.8	mg/Kg	✱	07/24/23 09:38	07/26/23 22:56	5
Chromium	13		0.52	0.26	mg/Kg	✱	07/24/23 09:38	07/25/23 20:22	1
Cobalt	7.4		0.26	0.068	mg/Kg	✱	07/24/23 09:38	07/25/23 20:22	1
Copper	20		0.52	0.14	mg/Kg	✱	07/24/23 09:38	07/25/23 20:22	1
Iron	18000		52	27	mg/Kg	✱	07/24/23 09:38	07/26/23 22:56	5
Lead	44		0.26	0.12	mg/Kg	✱	07/24/23 09:38	07/25/23 20:22	1
Magnesium	38000	B	26	13	mg/Kg	✱	07/24/23 09:38	07/26/23 22:56	5
Manganese	360	B	0.52	0.075	mg/Kg	✱	07/24/23 09:38	07/25/23 20:22	1
Nickel	18		0.52	0.15	mg/Kg	✱	07/24/23 09:38	07/25/23 20:22	1
Potassium	1500		26	9.1	mg/Kg	✱	07/24/23 09:38	07/25/23 20:22	1
Selenium	<0.52		0.52	0.30	mg/Kg	✱	07/24/23 09:38	07/25/23 20:22	1
Silver	0.14	J	0.26	0.067	mg/Kg	✱	07/24/23 09:38	07/25/23 20:22	1
Sodium	1400		52	7.6	mg/Kg	✱	07/24/23 09:38	07/25/23 20:22	1
Thallium	<0.52		0.52	0.26	mg/Kg	✱	07/24/23 09:38	07/25/23 20:22	1
Vanadium	17		0.26	0.061	mg/Kg	✱	07/24/23 09:38	07/25/23 20:22	1
Zinc	61		1.0	0.45	mg/Kg	✱	07/24/23 09:38	07/25/23 20:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/26/23 16:51	07/28/23 04:30	1
Barium	0.34	J	0.50	0.050	mg/L		07/26/23 16:51	07/28/23 04:30	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/26/23 16:51	07/28/23 04:30	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/26/23 16:51	07/28/23 04:30	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-15(0-6.5)-072023D

Lab Sample ID: 500-237022-17

Date Collected: 07/20/23 12:35

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 88.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:30	1
Cobalt	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:30	1
Copper	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:30	1
Iron	<0.40		0.40	0.20	mg/L		07/26/23 16:51	07/28/23 04:30	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/26/23 16:51	07/28/23 04:30	1
Manganese	0.31		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:30	1
Nickel	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:30	1
Selenium	<0.050	^1+	0.050	0.020	mg/L		07/26/23 16:51	07/28/23 04:30	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:30	1
Zinc	0.022	J B	0.50	0.020	mg/L		07/26/23 16:51	07/28/23 04:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.038	J	0.050	0.010	mg/L		07/26/23 16:52	07/28/23 02:16	1
Barium	0.27	J	0.50	0.050	mg/L		07/26/23 16:52	07/28/23 02:16	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/26/23 16:52	07/28/23 02:16	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/26/23 16:52	07/28/23 02:16	1
Chromium	0.080		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 02:16	1
Cobalt	0.026		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 02:16	1
Copper	0.095		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 02:16	1
Iron	6.7		0.40	0.20	mg/L		08/02/23 08:00	08/02/23 18:25	1
Lead	0.081		0.0075	0.0075	mg/L		07/26/23 16:52	07/28/23 02:16	1
Manganese	0.49		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 02:16	1
Nickel	0.078		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 02:16	1
Selenium	<0.050		0.050	0.020	mg/L		07/26/23 16:52	07/28/23 02:16	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 02:16	1
Zinc	0.32	J	0.50	0.020	mg/L		07/26/23 16:52	07/28/23 02:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/27/23 13:25	07/28/23 14:34	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.013	J B	0.018	0.0094	mg/Kg	☆	07/28/23 17:10	07/31/23 10:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.7		0.2	0.2	SU			07/26/23 20:55	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-16(0-6.5)-072023

Lab Sample ID: 500-237022-18

Date Collected: 07/20/23 13:10

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 85.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017	*1	0.017	0.0072	mg/Kg	☼	07/21/23 18:05	07/26/23 21:26	1
Benzene	<0.0017		0.0017	0.00042	mg/Kg	☼	07/21/23 18:05	07/26/23 21:26	1
Bromodichloromethane	<0.0017		0.0017	0.00034	mg/Kg	☼	07/21/23 18:05	07/26/23 21:26	1
Bromoform	<0.0017		0.0017	0.00048	mg/Kg	☼	07/21/23 18:05	07/26/23 21:26	1
Bromomethane	<0.0041		0.0041	0.0016	mg/Kg	☼	07/21/23 18:05	07/26/23 21:26	1
Carbon disulfide	<0.0041		0.0041	0.00086	mg/Kg	☼	07/21/23 18:05	07/26/23 21:26	1
Carbon tetrachloride	<0.0017		0.0017	0.00048	mg/Kg	☼	07/21/23 18:05	07/26/23 21:26	1
Chlorobenzene	<0.0017		0.0017	0.00061	mg/Kg	☼	07/21/23 18:05	07/26/23 21:26	1
Chloroethane	<0.0041		0.0041	0.0012	mg/Kg	☼	07/21/23 18:05	07/26/23 21:26	1
Chloroform	<0.0017		0.0017	0.00057	mg/Kg	☼	07/21/23 18:05	07/26/23 21:26	1
Chloromethane	<0.0041	*-	0.0041	0.0017	mg/Kg	☼	07/21/23 18:05	07/26/23 21:26	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00046	mg/Kg	☼	07/21/23 18:05	07/26/23 21:26	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00050	mg/Kg	☼	07/21/23 18:05	07/26/23 21:26	1
Dibromochloromethane	<0.0017		0.0017	0.00054	mg/Kg	☼	07/21/23 18:05	07/26/23 21:26	1
1,1-Dichloroethane	<0.0017		0.0017	0.00057	mg/Kg	☼	07/21/23 18:05	07/26/23 21:26	1
1,2-Dichloroethane	<0.0041		0.0041	0.0013	mg/Kg	☼	07/21/23 18:05	07/26/23 21:26	1
1,1-Dichloroethene	<0.0017		0.0017	0.00057	mg/Kg	☼	07/21/23 18:05	07/26/23 21:26	1
1,2-Dichloropropane	<0.0017		0.0017	0.00043	mg/Kg	☼	07/21/23 18:05	07/26/23 21:26	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00058	mg/Kg	☼	07/21/23 18:05	07/26/23 21:26	1
Ethylbenzene	<0.0017		0.0017	0.00079	mg/Kg	☼	07/21/23 18:05	07/26/23 21:26	1
2-Hexanone	<0.0041		0.0041	0.0013	mg/Kg	☼	07/21/23 18:05	07/26/23 21:26	1
Methylene Chloride	<0.0041		0.0041	0.0016	mg/Kg	☼	07/21/23 18:05	07/26/23 21:26	1
Methyl Ethyl Ketone	<0.0041		0.0041	0.0018	mg/Kg	☼	07/21/23 18:05	07/26/23 21:26	1
methyl isobutyl ketone	<0.0041		0.0041	0.0012	mg/Kg	☼	07/21/23 18:05	07/26/23 21:26	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00048	mg/Kg	☼	07/21/23 18:05	07/26/23 21:26	1
Styrene	<0.0017		0.0017	0.00050	mg/Kg	☼	07/21/23 18:05	07/26/23 21:26	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00053	mg/Kg	☼	07/21/23 18:05	07/26/23 21:26	1
Tetrachloroethene	<0.0017		0.0017	0.00056	mg/Kg	☼	07/21/23 18:05	07/26/23 21:26	1
Toluene	<0.0017		0.0017	0.00042	mg/Kg	☼	07/21/23 18:05	07/26/23 21:26	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00073	mg/Kg	☼	07/21/23 18:05	07/26/23 21:26	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00058	mg/Kg	☼	07/21/23 18:05	07/26/23 21:26	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00055	mg/Kg	☼	07/21/23 18:05	07/26/23 21:26	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00071	mg/Kg	☼	07/21/23 18:05	07/26/23 21:26	1
Trichloroethene	<0.0017		0.0017	0.00056	mg/Kg	☼	07/21/23 18:05	07/26/23 21:26	1
Vinyl chloride	<0.0017		0.0017	0.00073	mg/Kg	☼	07/21/23 18:05	07/26/23 21:26	1
Xylenes, Total	<0.0033		0.0033	0.00053	mg/Kg	☼	07/21/23 18:05	07/26/23 21:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		75 - 131	07/21/23 18:05	07/26/23 21:26	1
Dibromofluoromethane (Surr)	120		75 - 126	07/21/23 18:05	07/26/23 21:26	1
1,2-Dichloroethane-d4 (Surr)	149	S1+	70 - 134	07/21/23 18:05	07/26/23 21:26	1
Toluene-d8 (Surr)	120		75 - 124	07/21/23 18:05	07/26/23 21:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	☼	07/25/23 07:32	07/26/23 17:08	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	☼	07/25/23 07:32	07/26/23 17:08	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	☼	07/25/23 07:32	07/26/23 17:08	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	☼	07/25/23 07:32	07/26/23 17:08	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	☼	07/25/23 07:32	07/26/23 17:08	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-16(0-6.5)-072023

Lab Sample ID: 500-237022-18

Date Collected: 07/20/23 13:10

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 85.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.087	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
2,4-Dichlorophenol	<0.38		0.38	0.091	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
2,4-Dimethylphenol	<0.38		0.38	0.14	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
2,4-Dinitrophenol	<0.77		0.77	0.67	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
2,4-Dinitrotoluene	<0.19		0.19	0.061	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
2,6-Dinitrotoluene	<0.19		0.19	0.075	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
2-Chlorophenol	<0.19		0.19	0.065	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
2-Methylnaphthalene	<0.077		0.077	0.0070	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
2-Methylphenol	<0.19		0.19	0.061	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
2-Nitrophenol	<0.38		0.38	0.090	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
3 & 4 Methylphenol	<0.19		0.19	0.064	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.053	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
4,6-Dinitro-2-methylphenol	<0.77		0.77	0.31	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
4-Chloroaniline	<0.77		0.77	0.18	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
4-Nitrophenol	<0.77		0.77	0.36	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
Acenaphthene	<0.038		0.038	0.0069	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
Acenaphthylene	<0.038		0.038	0.0050	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
Anthracene	<0.038		0.038	0.0064	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
Benzo[a]anthracene	0.042		0.038	0.0051	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
Benzo[a]pyrene	0.062		0.038	0.0074	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
Benzo[b]fluoranthene	0.11		0.038	0.0082	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
Benzo[g,h,i]perylene	0.071		0.038	0.012	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
Benzo[k]fluoranthene	0.036 J		0.038	0.011	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.057	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.070	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
Butyl benzyl phthalate	<0.19		0.19	0.073	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
Carbazole	<0.19		0.19	0.095	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
Chrysene	0.065		0.038	0.010	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
Dibenz(a,h)anthracene	0.035 J		0.038	0.0074	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
Diethyl phthalate	<0.19		0.19	0.065	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
Di-n-butyl phthalate	<0.19		0.19	0.058	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
Di-n-octyl phthalate	<0.19		0.19	0.062	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
Fluoranthene	0.086		0.038	0.0071	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
Fluorene	<0.038		0.038	0.0054	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
Hexachlorobenzene	<0.077		0.077	0.0089	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
Hexachlorobutadiene	<0.19		0.19	0.060	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
Hexachlorocyclopentadiene	<0.77		0.77	0.22	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
Hexachloroethane	<0.19		0.19	0.058	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-16(0-6.5)-072023

Lab Sample ID: 500-237022-18

Date Collected: 07/20/23 13:10

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 85.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.11		0.038	0.0099	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
Isophorone	<0.19		0.19	0.043	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
Naphthalene	<0.038		0.038	0.0059	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
Nitrobenzene	<0.038		0.038	0.0095	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
N-Nitrosodi-n-propylamine	<0.077		0.077	0.047	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
Pentachlorophenol	<0.77		0.77	0.61	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
Phenanthrene	0.031	J	0.038	0.0053	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
Phenol	<0.19		0.19	0.085	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
Pyrene	0.087		0.038	0.0076	mg/Kg	✳	07/25/23 07:32	07/26/23 17:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	64		31 - 166				07/25/23 07:32	07/26/23 17:08	1
Phenol-d5 (Surr)	70		30 - 153				07/25/23 07:32	07/26/23 17:08	1
Nitrobenzene-d5 (Surr)	66		37 - 147				07/25/23 07:32	07/26/23 17:08	1
2-Fluorobiphenyl (Surr)	63		43 - 145				07/25/23 07:32	07/26/23 17:08	1
2,4,6-Tribromophenol (Surr)	42		31 - 143				07/25/23 07:32	07/26/23 17:08	1
Terphenyl-d14 (Surr)	72		42 - 157				07/25/23 07:32	07/26/23 17:08	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9600		11	4.6	mg/Kg	✳	07/24/23 09:38	07/25/23 20:25	1
Antimony	0.40	J	1.1	0.22	mg/Kg	✳	07/24/23 09:38	07/25/23 20:25	1
Arsenic	6.5		0.56	0.19	mg/Kg	✳	07/24/23 09:38	07/25/23 20:25	1
Barium	30		0.56	0.064	mg/Kg	✳	07/24/23 09:38	07/25/23 20:25	1
Beryllium	0.72		0.22	0.052	mg/Kg	✳	07/24/23 09:38	07/25/23 20:25	1
Cadmium	0.30	B	0.11	0.020	mg/Kg	✳	07/24/23 09:38	07/25/23 20:25	1
Calcium	64000	B	56	9.5	mg/Kg	✳	07/24/23 09:38	07/26/23 23:00	5
Chromium	15		0.56	0.28	mg/Kg	✳	07/24/23 09:38	07/25/23 20:25	1
Cobalt	9.6		0.28	0.074	mg/Kg	✳	07/24/23 09:38	07/25/23 20:25	1
Copper	27		0.56	0.16	mg/Kg	✳	07/24/23 09:38	07/25/23 20:25	1
Iron	17000		11	5.8	mg/Kg	✳	07/24/23 09:38	07/25/23 20:25	1
Lead	14		0.28	0.13	mg/Kg	✳	07/24/23 09:38	07/25/23 20:25	1
Magnesium	28000	B	5.6	2.8	mg/Kg	✳	07/24/23 09:38	07/25/23 20:25	1
Manganese	400	B	0.56	0.081	mg/Kg	✳	07/24/23 09:38	07/25/23 20:25	1
Nickel	28		0.56	0.16	mg/Kg	✳	07/24/23 09:38	07/25/23 20:25	1
Potassium	2500		28	9.9	mg/Kg	✳	07/24/23 09:38	07/25/23 20:25	1
Selenium	<0.56		0.56	0.33	mg/Kg	✳	07/24/23 09:38	07/25/23 20:25	1
Silver	0.20	J	0.28	0.073	mg/Kg	✳	07/24/23 09:38	07/25/23 20:25	1
Sodium	600		56	8.3	mg/Kg	✳	07/24/23 09:38	07/25/23 20:25	1
Thallium	<0.56		0.56	0.28	mg/Kg	✳	07/24/23 09:38	07/25/23 20:25	1
Vanadium	17		0.28	0.066	mg/Kg	✳	07/24/23 09:38	07/25/23 20:25	1
Zinc	64		1.1	0.49	mg/Kg	✳	07/24/23 09:38	07/25/23 20:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/26/23 16:51	07/28/23 05:07	1
Barium	0.31	J	0.50	0.050	mg/L		07/26/23 16:51	07/28/23 05:07	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/26/23 16:51	07/28/23 05:07	1
Cadmium	0.0043	J	0.0050	0.0020	mg/L		07/26/23 16:51	07/28/23 05:07	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-16(0-6.5)-072023

Lab Sample ID: 500-237022-18

Date Collected: 07/20/23 13:10

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 85.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 05:07	1
Cobalt	0.027		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 05:07	1
Copper	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 05:07	1
Iron	<0.40		0.40	0.20	mg/L		07/26/23 16:51	07/28/23 05:07	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/26/23 16:51	07/28/23 05:07	1
Manganese	3.9		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 05:07	1
Nickel	0.031		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 05:07	1
Selenium	<0.050	^1+	0.050	0.020	mg/L		07/26/23 16:51	07/28/23 05:07	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 05:07	1
Zinc	0.046	J	0.50	0.020	mg/L		07/26/23 16:51	07/28/23 05:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.065		0.050	0.010	mg/L		07/26/23 16:52	07/28/23 02:20	1
Barium	0.24	J	0.50	0.050	mg/L		07/26/23 16:52	07/28/23 02:20	1
Beryllium	0.0053		0.0040	0.0040	mg/L		07/26/23 16:52	07/28/23 02:20	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/26/23 16:52	07/28/23 02:20	1
Chromium	0.099		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 02:20	1
Cobalt	0.031		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 02:20	1
Copper	0.14		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 02:20	1
Iron	8.6		0.40	0.20	mg/L		08/02/23 08:00	08/02/23 18:28	1
Lead	0.059		0.0075	0.0075	mg/L		07/26/23 16:52	07/28/23 02:20	1
Manganese	0.40		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 02:20	1
Nickel	0.13		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 02:20	1
Selenium	<0.050		0.050	0.020	mg/L		07/26/23 16:52	07/28/23 02:20	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 02:20	1
Zinc	0.37	J	0.50	0.020	mg/L		07/26/23 16:52	07/28/23 02:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/27/23 13:25	07/28/23 14:49	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.024	B	0.019	0.0098	mg/Kg	☆	07/28/23 17:10	07/31/23 10:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.6		0.2	0.2	SU			07/26/23 20:58	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-16(6.5-13)-072023

Lab Sample ID: 500-237022-19

Date Collected: 07/20/23 13:15

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 88.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0067	J*1	0.015	0.0064	mg/Kg	☼	07/21/23 18:05	07/26/23 21:50	1
Benzene	<0.0015		0.0015	0.00037	mg/Kg	☼	07/21/23 18:05	07/26/23 21:50	1
Bromodichloromethane	<0.0015		0.0015	0.00030	mg/Kg	☼	07/21/23 18:05	07/26/23 21:50	1
Bromoform	<0.0015		0.0015	0.00043	mg/Kg	☼	07/21/23 18:05	07/26/23 21:50	1
Bromomethane	<0.0037		0.0037	0.0014	mg/Kg	☼	07/21/23 18:05	07/26/23 21:50	1
Carbon disulfide	<0.0037		0.0037	0.00076	mg/Kg	☼	07/21/23 18:05	07/26/23 21:50	1
Carbon tetrachloride	<0.0015		0.0015	0.00042	mg/Kg	☼	07/21/23 18:05	07/26/23 21:50	1
Chlorobenzene	<0.0015		0.0015	0.00054	mg/Kg	☼	07/21/23 18:05	07/26/23 21:50	1
Chloroethane	<0.0037		0.0037	0.0011	mg/Kg	☼	07/21/23 18:05	07/26/23 21:50	1
Chloroform	<0.0015		0.0015	0.00051	mg/Kg	☼	07/21/23 18:05	07/26/23 21:50	1
Chloromethane	<0.0037	*	0.0037	0.0015	mg/Kg	☼	07/21/23 18:05	07/26/23 21:50	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00041	mg/Kg	☼	07/21/23 18:05	07/26/23 21:50	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00044	mg/Kg	☼	07/21/23 18:05	07/26/23 21:50	1
Dibromochloromethane	<0.0015		0.0015	0.00048	mg/Kg	☼	07/21/23 18:05	07/26/23 21:50	1
1,1-Dichloroethane	<0.0015		0.0015	0.00050	mg/Kg	☼	07/21/23 18:05	07/26/23 21:50	1
1,2-Dichloroethane	<0.0037		0.0037	0.0011	mg/Kg	☼	07/21/23 18:05	07/26/23 21:50	1
1,1-Dichloroethene	<0.0015		0.0015	0.00050	mg/Kg	☼	07/21/23 18:05	07/26/23 21:50	1
1,2-Dichloropropane	<0.0015		0.0015	0.00038	mg/Kg	☼	07/21/23 18:05	07/26/23 21:50	1
1,3-Dichloropropene, Total	<0.0015		0.0015	0.00051	mg/Kg	☼	07/21/23 18:05	07/26/23 21:50	1
Ethylbenzene	<0.0015		0.0015	0.00070	mg/Kg	☼	07/21/23 18:05	07/26/23 21:50	1
2-Hexanone	<0.0037		0.0037	0.0011	mg/Kg	☼	07/21/23 18:05	07/26/23 21:50	1
Methylene Chloride	<0.0037		0.0037	0.0014	mg/Kg	☼	07/21/23 18:05	07/26/23 21:50	1
Methyl Ethyl Ketone	<0.0037		0.0037	0.0016	mg/Kg	☼	07/21/23 18:05	07/26/23 21:50	1
methyl isobutyl ketone	<0.0037		0.0037	0.0011	mg/Kg	☼	07/21/23 18:05	07/26/23 21:50	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00043	mg/Kg	☼	07/21/23 18:05	07/26/23 21:50	1
Styrene	<0.0015		0.0015	0.00044	mg/Kg	☼	07/21/23 18:05	07/26/23 21:50	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00047	mg/Kg	☼	07/21/23 18:05	07/26/23 21:50	1
Tetrachloroethene	<0.0015		0.0015	0.00050	mg/Kg	☼	07/21/23 18:05	07/26/23 21:50	1
Toluene	<0.0015		0.0015	0.00037	mg/Kg	☼	07/21/23 18:05	07/26/23 21:50	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00065	mg/Kg	☼	07/21/23 18:05	07/26/23 21:50	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00051	mg/Kg	☼	07/21/23 18:05	07/26/23 21:50	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00049	mg/Kg	☼	07/21/23 18:05	07/26/23 21:50	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00063	mg/Kg	☼	07/21/23 18:05	07/26/23 21:50	1
Trichloroethene	<0.0015		0.0015	0.00049	mg/Kg	☼	07/21/23 18:05	07/26/23 21:50	1
Vinyl chloride	<0.0015		0.0015	0.00065	mg/Kg	☼	07/21/23 18:05	07/26/23 21:50	1
Xylenes, Total	<0.0029		0.0029	0.00047	mg/Kg	☼	07/21/23 18:05	07/26/23 21:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		75 - 131	07/21/23 18:05	07/26/23 21:50	1
Dibromofluoromethane (Surr)	116		75 - 126	07/21/23 18:05	07/26/23 21:50	1
1,2-Dichloroethane-d4 (Surr)	145	S1+	70 - 134	07/21/23 18:05	07/26/23 21:50	1
Toluene-d8 (Surr)	120		75 - 124	07/21/23 18:05	07/26/23 21:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
1,2-Dichlorobenzene	<0.19		0.19	0.044	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-16(6.5-13)-072023

Lab Sample ID: 500-237022-19

Date Collected: 07/20/23 13:15

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 88.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.085	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
2,4-Dichlorophenol	<0.37		0.37	0.088	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
2,4-Dinitrophenol	<0.75		0.75	0.66	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
2,4-Dinitrotoluene	<0.19		0.19	0.059	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
2,6-Dinitrotoluene	<0.19		0.19	0.073	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
2-Chlorophenol	<0.19		0.19	0.064	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
2-Methylnaphthalene	0.11		0.075	0.0068	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
2-Nitrophenol	<0.37		0.37	0.088	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
3 & 4 Methylphenol	<0.19		0.19	0.062	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.052	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.30	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
4-Chloroaniline	<0.75		0.75	0.17	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.043	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
4-Nitrophenol	<0.75		0.75	0.35	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
Acenaphthene	<0.037		0.037	0.0067	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
Acenaphthylene	0.0071	J	0.037	0.0049	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
Anthracene	<0.037		0.037	0.0062	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
Benzo[a]anthracene	0.0091	J	0.037	0.0050	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
Benzo[a]pyrene	<0.037		0.037	0.0072	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
Benzo[b]fluoranthene	<0.037		0.037	0.0080	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
Benzo[g,h,i]perylene	0.028	J	0.037	0.012	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
Benzo[k]fluoranthene	<0.037		0.037	0.011	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.068	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
Butyl benzyl phthalate	<0.19		0.19	0.071	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
Carbazole	<0.19		0.19	0.093	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
Chrysene	0.022	J	0.037	0.010	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
Dibenz(a,h)anthracene	<0.037		0.037	0.0072	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
Diethyl phthalate	<0.19		0.19	0.063	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
Fluoranthene	<0.037		0.037	0.0069	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
Fluorene	<0.037		0.037	0.0052	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
Hexachlorobenzene	<0.075		0.075	0.0086	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
Hexachlorobutadiene	<0.19		0.19	0.058	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
Hexachlorocyclopentadiene	<0.75		0.75	0.21	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1
Hexachloroethane	<0.19		0.19	0.057	mg/Kg	☼	07/31/23 07:42	07/31/23 22:17	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-16(6.5-13)-072023

Lab Sample ID: 500-237022-19

Date Collected: 07/20/23 13:15

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 88.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.037		0.037	0.0096	mg/Kg	☆	07/31/23 07:42	07/31/23 22:17	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☆	07/31/23 07:42	07/31/23 22:17	1
Naphthalene	0.023	J	0.037	0.0057	mg/Kg	☆	07/31/23 07:42	07/31/23 22:17	1
Nitrobenzene	<0.037		0.037	0.0093	mg/Kg	☆	07/31/23 07:42	07/31/23 22:17	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.045	mg/Kg	☆	07/31/23 07:42	07/31/23 22:17	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☆	07/31/23 07:42	07/31/23 22:17	1
Pentachlorophenol	<0.75		0.75	0.60	mg/Kg	☆	07/31/23 07:42	07/31/23 22:17	1
Phenanthrene	0.078		0.037	0.0052	mg/Kg	☆	07/31/23 07:42	07/31/23 22:17	1
Phenol	<0.19		0.19	0.083	mg/Kg	☆	07/31/23 07:42	07/31/23 22:17	1
Pyrene	0.0095	J	0.037	0.0074	mg/Kg	☆	07/31/23 07:42	07/31/23 22:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	63		31 - 166	07/31/23 07:42	07/31/23 22:17	1
Phenol-d5 (Surr)	61		30 - 153	07/31/23 07:42	07/31/23 22:17	1
Nitrobenzene-d5 (Surr)	60		37 - 147	07/31/23 07:42	07/31/23 22:17	1
2-Fluorobiphenyl (Surr)	69		43 - 145	07/31/23 07:42	07/31/23 22:17	1
2,4,6-Tribromophenol (Surr)	79		31 - 143	07/31/23 07:42	07/31/23 22:17	1
Terphenyl-d14 (Surr)	91		42 - 157	07/31/23 07:42	07/31/23 22:17	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9400		11	4.4	mg/Kg	☆	07/24/23 09:38	07/25/23 20:29	1
Antimony	0.55	J	1.1	0.21	mg/Kg	☆	07/24/23 09:38	07/25/23 20:29	1
Arsenic	8.7		0.54	0.19	mg/Kg	☆	07/24/23 09:38	07/25/23 20:29	1
Barium	36		2.7	0.31	mg/Kg	☆	07/24/23 09:38	07/26/23 23:14	5
Beryllium	0.75		0.22	0.051	mg/Kg	☆	07/24/23 09:38	07/25/23 20:29	1
Cadmium	0.18	B	0.11	0.020	mg/Kg	☆	07/24/23 09:38	07/25/23 20:29	1
Calcium	76000	B	54	9.2	mg/Kg	☆	07/24/23 09:38	07/26/23 23:14	5
Chromium	16		0.54	0.27	mg/Kg	☆	07/24/23 09:38	07/25/23 20:29	1
Cobalt	12		0.27	0.071	mg/Kg	☆	07/24/23 09:38	07/25/23 20:29	1
Copper	26		0.54	0.15	mg/Kg	☆	07/24/23 09:38	07/25/23 20:29	1
Iron	26000		54	28	mg/Kg	☆	07/24/23 09:38	07/26/23 23:14	5
Lead	14		0.27	0.13	mg/Kg	☆	07/24/23 09:38	07/25/23 20:29	1
Magnesium	40000	B	27	13	mg/Kg	☆	07/24/23 09:38	07/26/23 23:14	5
Manganese	400	B	0.54	0.079	mg/Kg	☆	07/24/23 09:38	07/25/23 20:29	1
Nickel	29		0.54	0.16	mg/Kg	☆	07/24/23 09:38	07/25/23 20:29	1
Potassium	2900		27	9.6	mg/Kg	☆	07/24/23 09:38	07/25/23 20:29	1
Selenium	0.60		0.54	0.32	mg/Kg	☆	07/24/23 09:38	07/25/23 20:29	1
Silver	0.25	J	0.27	0.070	mg/Kg	☆	07/24/23 09:38	07/25/23 20:29	1
Sodium	160		54	8.0	mg/Kg	☆	07/24/23 09:38	07/25/23 20:29	1
Thallium	<0.54		0.54	0.27	mg/Kg	☆	07/24/23 09:38	07/25/23 20:29	1
Vanadium	17		0.27	0.064	mg/Kg	☆	07/24/23 09:38	07/25/23 20:29	1
Zinc	48		1.1	0.48	mg/Kg	☆	07/24/23 09:38	07/25/23 20:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/26/23 16:51	07/28/23 04:33	1
Barium	0.47	J	0.50	0.050	mg/L		07/26/23 16:51	07/28/23 04:33	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/26/23 16:51	07/28/23 04:33	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/26/23 16:51	07/28/23 04:33	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-16(6.5-13)-072023

Lab Sample ID: 500-237022-19

Date Collected: 07/20/23 13:15

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 88.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:33	1
Cobalt	0.027		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:33	1
Copper	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:33	1
Iron	<0.40		0.40	0.20	mg/L		07/26/23 16:51	07/28/23 04:33	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/26/23 16:51	07/28/23 04:33	1
Manganese	2.1		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:33	1
Nickel	0.066		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:33	1
Selenium	<0.050	^1+	0.050	0.020	mg/L		07/26/23 16:51	07/28/23 04:33	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:33	1
Zinc	<0.50		0.50	0.020	mg/L		07/26/23 16:51	07/28/23 04:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/26/23 16:52	07/28/23 02:23	1
Barium	<0.50		0.50	0.050	mg/L		07/26/23 16:52	07/28/23 02:23	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/26/23 16:52	07/28/23 02:23	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/26/23 16:52	07/28/23 02:23	1
Chromium	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 02:23	1
Cobalt	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 02:23	1
Copper	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 02:23	1
Iron	1.2		0.40	0.20	mg/L		08/02/23 08:00	08/02/23 18:39	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/26/23 16:52	07/28/23 02:23	1
Manganese	0.043		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 02:23	1
Nickel	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 02:23	1
Selenium	<0.050		0.050	0.020	mg/L		07/26/23 16:52	07/28/23 02:23	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 02:23	1
Zinc	<0.50		0.50	0.020	mg/L		07/26/23 16:52	07/28/23 02:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/27/23 13:25	07/28/23 14:37	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.024	B	0.018	0.0095	mg/Kg	☆	07/28/23 17:10	07/31/23 11:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.9		0.2	0.2	SU			07/26/23 21:03	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-16(13-20)-072023

Lab Sample ID: 500-237022-20

Date Collected: 07/20/23 13:20

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 87.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018	*1	0.018	0.0079	mg/Kg	☼	07/21/23 18:05	07/26/23 22:15	1
Benzene	<0.0018		0.0018	0.00046	mg/Kg	☼	07/21/23 18:05	07/26/23 22:15	1
Bromodichloromethane	<0.0018		0.0018	0.00037	mg/Kg	☼	07/21/23 18:05	07/26/23 22:15	1
Bromoform	<0.0018		0.0018	0.00053	mg/Kg	☼	07/21/23 18:05	07/26/23 22:15	1
Bromomethane	<0.0046		0.0046	0.0017	mg/Kg	☼	07/21/23 18:05	07/26/23 22:15	1
Carbon disulfide	<0.0046		0.0046	0.00095	mg/Kg	☼	07/21/23 18:05	07/26/23 22:15	1
Carbon tetrachloride	<0.0018		0.0018	0.00053	mg/Kg	☼	07/21/23 18:05	07/26/23 22:15	1
Chlorobenzene	<0.0018		0.0018	0.00067	mg/Kg	☼	07/21/23 18:05	07/26/23 22:15	1
Chloroethane	<0.0046		0.0046	0.0013	mg/Kg	☼	07/21/23 18:05	07/26/23 22:15	1
Chloroform	<0.0018		0.0018	0.00063	mg/Kg	☼	07/21/23 18:05	07/26/23 22:15	1
Chloromethane	<0.0046	*-	0.0046	0.0018	mg/Kg	☼	07/21/23 18:05	07/26/23 22:15	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00051	mg/Kg	☼	07/21/23 18:05	07/26/23 22:15	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00055	mg/Kg	☼	07/21/23 18:05	07/26/23 22:15	1
Dibromochloromethane	<0.0018		0.0018	0.00060	mg/Kg	☼	07/21/23 18:05	07/26/23 22:15	1
1,1-Dichloroethane	<0.0018		0.0018	0.00062	mg/Kg	☼	07/21/23 18:05	07/26/23 22:15	1
1,2-Dichloroethane	<0.0046		0.0046	0.0014	mg/Kg	☼	07/21/23 18:05	07/26/23 22:15	1
1,1-Dichloroethene	<0.0018		0.0018	0.00063	mg/Kg	☼	07/21/23 18:05	07/26/23 22:15	1
1,2-Dichloropropane	<0.0018		0.0018	0.00047	mg/Kg	☼	07/21/23 18:05	07/26/23 22:15	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00064	mg/Kg	☼	07/21/23 18:05	07/26/23 22:15	1
Ethylbenzene	<0.0018		0.0018	0.00087	mg/Kg	☼	07/21/23 18:05	07/26/23 22:15	1
2-Hexanone	<0.0046		0.0046	0.0014	mg/Kg	☼	07/21/23 18:05	07/26/23 22:15	1
Methylene Chloride	<0.0046		0.0046	0.0018	mg/Kg	☼	07/21/23 18:05	07/26/23 22:15	1
Methyl Ethyl Ketone	<0.0046		0.0046	0.0020	mg/Kg	☼	07/21/23 18:05	07/26/23 22:15	1
methyl isobutyl ketone	<0.0046		0.0046	0.0013	mg/Kg	☼	07/21/23 18:05	07/26/23 22:15	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00053	mg/Kg	☼	07/21/23 18:05	07/26/23 22:15	1
Styrene	<0.0018		0.0018	0.00055	mg/Kg	☼	07/21/23 18:05	07/26/23 22:15	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00058	mg/Kg	☼	07/21/23 18:05	07/26/23 22:15	1
Tetrachloroethene	<0.0018		0.0018	0.00062	mg/Kg	☼	07/21/23 18:05	07/26/23 22:15	1
Toluene	<0.0018		0.0018	0.00046	mg/Kg	☼	07/21/23 18:05	07/26/23 22:15	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00081	mg/Kg	☼	07/21/23 18:05	07/26/23 22:15	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00064	mg/Kg	☼	07/21/23 18:05	07/26/23 22:15	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00061	mg/Kg	☼	07/21/23 18:05	07/26/23 22:15	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00078	mg/Kg	☼	07/21/23 18:05	07/26/23 22:15	1
Trichloroethene	<0.0018		0.0018	0.00062	mg/Kg	☼	07/21/23 18:05	07/26/23 22:15	1
Vinyl chloride	<0.0018		0.0018	0.00081	mg/Kg	☼	07/21/23 18:05	07/26/23 22:15	1
Xylenes, Total	<0.0036		0.0036	0.00058	mg/Kg	☼	07/21/23 18:05	07/26/23 22:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		75 - 131	07/21/23 18:05	07/26/23 22:15	1
Dibromofluoromethane (Surr)	119		75 - 126	07/21/23 18:05	07/26/23 22:15	1
1,2-Dichloroethane-d4 (Surr)	146	S1+	70 - 134	07/21/23 18:05	07/26/23 22:15	1
Toluene-d8 (Surr)	124		75 - 124	07/21/23 18:05	07/26/23 22:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-16(13-20)-072023

Lab Sample ID: 500-237022-20

Date Collected: 07/20/23 13:20

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 87.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.085	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
2,4-Dichlorophenol	<0.37		0.37	0.089	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
2,4-Dinitrophenol	<0.75		0.75	0.66	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
2,4-Dinitrotoluene	<0.19		0.19	0.059	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
2,6-Dinitrotoluene	<0.19		0.19	0.073	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
2-Chlorophenol	<0.19		0.19	0.064	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
2-Methylnaphthalene	0.035	J	0.075	0.0069	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
2-Nitrophenol	<0.37		0.37	0.088	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
3 & 4 Methylphenol	<0.19		0.19	0.062	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.052	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.30	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
4-Chloroaniline	<0.75		0.75	0.18	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
4-Nitrophenol	<0.75		0.75	0.35	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
Acenaphthene	<0.037		0.037	0.0067	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
Acenaphthylene	<0.037		0.037	0.0049	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
Anthracene	<0.037		0.037	0.0062	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
Benzo[a]anthracene	<0.037		0.037	0.0050	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
Benzo[a]pyrene	<0.037		0.037	0.0072	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
Benzo[b]fluoranthene	<0.037		0.037	0.0080	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
Benzo[g,h,i]perylene	<0.037		0.037	0.012	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
Benzo[k]fluoranthene	<0.037		0.037	0.011	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.068	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
Butyl benzyl phthalate	<0.19		0.19	0.071	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
Carbazole	<0.19		0.19	0.093	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
Chrysene	<0.037		0.037	0.010	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
Dibenz(a,h)anthracene	<0.037		0.037	0.0072	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
Diethyl phthalate	<0.19		0.19	0.063	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
Fluoranthene	<0.037		0.037	0.0069	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
Fluorene	<0.037		0.037	0.0052	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
Hexachlorobenzene	<0.075		0.075	0.0086	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
Hexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
Hexachlorocyclopentadiene	<0.75		0.75	0.21	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1
Hexachloroethane	<0.19		0.19	0.057	mg/Kg	☼	07/25/23 07:32	07/26/23 12:16	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-16(13-20)-072023

Lab Sample ID: 500-237022-20

Date Collected: 07/20/23 13:20

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 87.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.037		0.037	0.0097	mg/Kg	✳	07/25/23 07:32	07/26/23 12:16	1
Isophorone	<0.19		0.19	0.042	mg/Kg	✳	07/25/23 07:32	07/26/23 12:16	1
Naphthalene	0.013	J	0.037	0.0057	mg/Kg	✳	07/25/23 07:32	07/26/23 12:16	1
Nitrobenzene	<0.037		0.037	0.0093	mg/Kg	✳	07/25/23 07:32	07/26/23 12:16	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.046	mg/Kg	✳	07/25/23 07:32	07/26/23 12:16	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	✳	07/25/23 07:32	07/26/23 12:16	1
Pentachlorophenol	<0.75		0.75	0.60	mg/Kg	✳	07/25/23 07:32	07/26/23 12:16	1
Phenanthrene	0.023	J	0.037	0.0052	mg/Kg	✳	07/25/23 07:32	07/26/23 12:16	1
Phenol	<0.19		0.19	0.083	mg/Kg	✳	07/25/23 07:32	07/26/23 12:16	1
Pyrene	<0.037		0.037	0.0074	mg/Kg	✳	07/25/23 07:32	07/26/23 12:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	68		31 - 166	07/25/23 07:32	07/26/23 12:16	1
Phenol-d5 (Surr)	76		30 - 153	07/25/23 07:32	07/26/23 12:16	1
Nitrobenzene-d5 (Surr)	68		37 - 147	07/25/23 07:32	07/26/23 12:16	1
2-Fluorobiphenyl (Surr)	66		43 - 145	07/25/23 07:32	07/26/23 12:16	1
2,4,6-Tribromophenol (Surr)	43		31 - 143	07/25/23 07:32	07/26/23 12:16	1
Terphenyl-d14 (Surr)	79		42 - 157	07/25/23 07:32	07/26/23 12:16	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	10000		11	4.5	mg/Kg	✳	07/24/23 09:38	07/25/23 20:32	1
Antimony	0.51	J	1.1	0.21	mg/Kg	✳	07/24/23 09:38	07/25/23 20:32	1
Arsenic	6.2		0.55	0.19	mg/Kg	✳	07/24/23 09:38	07/25/23 20:32	1
Barium	41		0.55	0.062	mg/Kg	✳	07/24/23 09:38	07/25/23 20:32	1
Beryllium	0.75		0.22	0.051	mg/Kg	✳	07/24/23 09:38	07/25/23 20:32	1
Cadmium	0.16	B	0.11	0.020	mg/Kg	✳	07/24/23 09:38	07/25/23 20:32	1
Calcium	72000	B	55	9.2	mg/Kg	✳	07/24/23 09:38	07/26/23 23:17	5
Chromium	15		0.55	0.27	mg/Kg	✳	07/24/23 09:38	07/25/23 20:32	1
Cobalt	11		0.27	0.071	mg/Kg	✳	07/24/23 09:38	07/25/23 20:32	1
Copper	22		0.55	0.15	mg/Kg	✳	07/24/23 09:38	07/25/23 20:32	1
Iron	17000		11	5.7	mg/Kg	✳	07/24/23 09:38	07/25/23 20:32	1
Lead	11		0.27	0.13	mg/Kg	✳	07/24/23 09:38	07/25/23 20:32	1
Magnesium	29000	B	5.5	2.7	mg/Kg	✳	07/24/23 09:38	07/25/23 20:32	1
Manganese	360	B	0.55	0.079	mg/Kg	✳	07/24/23 09:38	07/25/23 20:32	1
Nickel	29		0.55	0.16	mg/Kg	✳	07/24/23 09:38	07/25/23 20:32	1
Potassium	3000		27	9.7	mg/Kg	✳	07/24/23 09:38	07/25/23 20:32	1
Selenium	<0.55		0.55	0.32	mg/Kg	✳	07/24/23 09:38	07/25/23 20:32	1
Silver	0.23	J	0.27	0.070	mg/Kg	✳	07/24/23 09:38	07/25/23 20:32	1
Sodium	170		55	8.1	mg/Kg	✳	07/24/23 09:38	07/25/23 20:32	1
Thallium	<0.55		0.55	0.27	mg/Kg	✳	07/24/23 09:38	07/25/23 20:32	1
Vanadium	18		0.27	0.064	mg/Kg	✳	07/24/23 09:38	07/25/23 20:32	1
Zinc	51		1.1	0.48	mg/Kg	✳	07/24/23 09:38	07/25/23 20:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.014	J	0.050	0.010	mg/L		07/26/23 16:51	07/28/23 04:44	1
Barium	0.64		0.50	0.050	mg/L		07/26/23 16:51	07/28/23 04:44	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/26/23 16:51	07/28/23 04:44	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/26/23 16:51	07/28/23 04:44	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Client Sample ID: ROW-16(13-20)-072023

Lab Sample ID: 500-237022-20

Date Collected: 07/20/23 13:20

Matrix: Solid

Date Received: 07/21/23 12:05

Percent Solids: 87.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:44	1
Cobalt	0.019	J	0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:44	1
Copper	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:44	1
Iron	<0.40		0.40	0.20	mg/L		07/26/23 16:51	07/28/23 04:44	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/26/23 16:51	07/28/23 04:44	1
Manganese	2.0		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:44	1
Nickel	0.044		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:44	1
Selenium	<0.050	^1+	0.050	0.020	mg/L		07/26/23 16:51	07/28/23 04:44	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:51	07/28/23 04:44	1
Zinc	0.024	J B	0.50	0.020	mg/L		07/26/23 16:51	07/28/23 04:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/26/23 16:52	07/28/23 02:27	1
Barium	0.052	J	0.50	0.050	mg/L		07/26/23 16:52	07/28/23 02:27	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/26/23 16:52	07/28/23 02:27	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/26/23 16:52	07/28/23 02:27	1
Chromium	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 02:27	1
Cobalt	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 02:27	1
Copper	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 02:27	1
Iron	4.1		0.40	0.20	mg/L		08/02/23 08:00	08/02/23 18:42	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/26/23 16:52	07/28/23 02:27	1
Manganese	0.046		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 02:27	1
Nickel	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 02:27	1
Selenium	<0.050		0.050	0.020	mg/L		07/26/23 16:52	07/28/23 02:27	1
Silver	<0.025		0.025	0.010	mg/L		07/26/23 16:52	07/28/23 02:27	1
Zinc	<0.50		0.50	0.020	mg/L		07/26/23 16:52	07/28/23 02:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/27/23 13:25	07/28/23 14:39	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.021	B	0.018	0.0096	mg/Kg	☆	07/28/23 17:10	07/31/23 11:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.9		0.2	0.2	SU			07/26/23 21:08	1

Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

Metals

Qualifier	Qualifier Description
^1+	Initial Calibration Verification (ICV) 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 Chicago

Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237022-1

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

1

2

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Address _____



500-237022 COC

Chain of Custody Record

667774



Environment Testing America

TAL-8210

Regulatory Program: DW NPDES RCRA Other

Client Contact		Project Manager: A. Slesers		Site Contact: C. Davids		Date: 07/20/23		COC No				
Company Name: Weston Solutions		Tel/Email		Lab Contact: J. Knapp		Carrier		1 of 4 COCs				
Address: 300 Knightsbridge Pkwy		Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below: _____ <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Filtered Sample (Y/N) Perform MS/MSD (Y/N) VOCs SVOCs PCBs Total Metals TCLP/SPL Metals pH				For Lab Use Only Walk-in Client Lab Sampling Job / SDG No 056 500-237022				
City/State/Zip: Lincolnshire, IL 60069												
Phone												
Fax												
Project Name: 056 IL68												
Site												
P O #												
Sample Identification		Sample Date	Sample Time	Sample Type (G=Comp, G=Grab)	Matrix	# of Cont.	Sample Specific Notes					
1	ROW-11 (0-6.5)-072023	07/20/23	0910	G	S	6	X	X	X	X	X	
2	ROW-11 (6.5-13)-072023		0915									
3	ROW-11 (13-20)-072023		0920									
4	ROW-12 (0-6.5)-072023		1015									
5	ROW-12 (0-6.5)-072023(D)		1015									
6	ROW-12 (6.5-13)-072023		1020									
7	ROW-12 (13-20)-072023		1025									
8	ROW-13 (0-6.5)-072023		1050									
9	ROW-13 (6.5-13)-072023		1055									
10	ROW-13 (13-20)-072023		1100									
11	ROW-14 (0-6.5)-072023		1200									
12	ROW-14 (6.5-13)-072023		1205									

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

Special Instructions/QC Requirements & Comments: **5.7+4.6, 4.7+4.3, 5.8+4.7**

Custody Seals Intact: Yes No

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

Relinquished by: <i>[Signature]</i>	Company: Weston	Date/Time: 07/20/23 1450	Received by: <i>[Signature]</i>	Company: EETA	Date/Time: 7/26/2023 1040
Relinquished by: <i>[Signature]</i>	Company: EETA 7/21	Date/Time: 1205	Received by: <i>[Signature]</i>	Company: EETA	Date/Time: 7/21/23 1205
Relinquished by: <i>[Signature]</i>	Company: _____	Date/Time: _____	Received in Laboratory by: Stephanie Hommes	Company: EETA	Date/Time: 7/21/23 1205

Chain of Custody Record

667775



Environment Testing
America

Address _____

Regulatory Program: DW NPDES RCRA Other

TAL-8210

Client Contact		Project Manager: A Slesers		Site Contact: C. DAVIDS		Date: 07/20/2023		COC No 667795			
Company Name Weston Solutions		Tel/Email:		Lab Contact: J. Knapp		Carrier:		2 of 4 COCs			
Address 300 knightsbridge Pkwy		Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Filtered Sample (Y/N)		Perform MS / MSD (Y / N)		Sampler			
City/State/Zip: Lincolnshire, IL 60069											
Phone		TAT if different from Below: _____		VOCs		SVOCs		Total Metals			
Fax		<input type="checkbox"/> 2 weeks									
Project Name 056 14-68		<input type="checkbox"/> 1 week									
Site		<input type="checkbox"/> 2 days									
PO #		<input type="checkbox"/> 1 day		TCLP/SPL/Particulates		PH		For Lab Use Only:			
								Walk-in Client			
								Lab Sampling			
								Job / SDG No 056			
								500-937 022			
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Sample Specific Notes				
ROW-14 (13-20)-072023		07/20/23	1210	G	S	6	X	X	X	X	
ROW-15 (0-6.5)-072023			1235								
ROW-15 (6.5-13)-072023			1240								
ROW-15 (13-20)-072023			1245								
ROW-15 (0-6.5)-072023			1235								
ROW-16 (0-6.5)-072023			1310								
ROW-16 (6.5-13)-072023			1315								
ROW-16 (13-20)-072023			1320								
ROW-17 (0-6.5)-072023			1345								
ROW-17 (0-6.5)-072023			1345								
ROW-17 (6.5-13)-072023			1350								
ROW-17 (13-20)-072023			1355								
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other											
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample					Sample Disposal (* fee may be assessed if samples are retained longer than 1 month)						
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown					<input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months						
Special Instructions/QC Requirements & Comments:											
Custody Seals Intact. <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temp (°C) Obs'd _____ Corr'd _____		Therm ID No _____					
Relinquished by [Signature]		Company: Weston		Date/Time: 07/20/23 1650		Received by [Signature]		Company: EETA			
Relinquished by [Signature]		Company: EETA		Date/Time: 7/21 1205		Received by		Company: EETA			
Relinquished by [Signature]		Company: EETA		Date/Time: 7/21/23 1205		Received in Laboratory by Stephanie Hemondy		Company: EETA			





Illinois Environmental Protection Agency

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

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

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

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

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

I. Source Location Information

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

Project Name: FAP 342 - IL 53: From IL 68 to W. Lake Cook Road Office Phone Number, if available: _____

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

Residential Building, Southwest corner of Lake Cook Road and IL53 (ISGS Site No. 3799V-5)

City: Palatine and Arlington Heights State: IL Zip Code: _____

County: Cook Township: _____

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

Latitude: 42.15304 Longitude: - 88.01801

(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.): 76

II. Owner/Operator Information for Source Site

Site Owner

Name: Illinois Department of Transportation

Street Address: 201 W. Center Court

PO Box: _____

City: Schaumburg State: IL

Zip Code: 60196 Phone: 847-705-4627

Contact: Vanessa Ruiz

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

Site Operator

Name: Illinois Department of Transportation

Street Address: 201 W. Center Court

PO Box: _____

City: Schaumburg State: IL

Zip Code: 60196 Phone: 847-705-4627

Contact: Vanessa Ruiz

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

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

Uncontaminated Soil Certification

III. Basis for Certification and Attachments

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

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

LOCATIONS RB5-3 AND RB5-4 WERE SAMPLED ALONG ISGS SITE 3799V-5. SEE FIGURE 3-2, AND TABLE 4-1 OF THE PRELIMINARY SITE INVESTIGATION REPORT FOR SAMPLING DETAILS.

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

EUROFINS ANALYTICAL REPORTS - JOB IDS: 500-237047-1 AND 500-236922-1. ALSO SEE FIGURE 4-2 OF THE PRELIMINARY SITE INVESTIGATION REPORT.


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

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

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

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

Michael A. Castillo, P.G.
Printed Name:


Licensed Professional Engineer or
Licensed Professional Geologist Signature:

20 December 2023
Date:



**Summary Table - Residential Buildings (ISGS Site: 3799V-5)
 FAP 342 - IL 53: From IL 68 (Dundee Road) to W. Lake Cook Road
 Palatine and Arlington Heights, Cook County, Illinois**

Location	Soil Reference Concentrations (MAC Table)	RB5-3	RB5-3	RB5-3	RB5-3	RB5-4	RB5-4	RB5-4
Sample Date		RB5-3(0-6.5)-	RB5-3(0-6.5)-	RB5-3(13-20)-	RB5-3(6.5-13)-072123	RB5-4(0-6.5)-	RB5-4(13-20)-	RB5-4(6.5-13)-071923
Field Sample ID		072123	072123D	072123	072123	071923	071923	071923
ISGS Site No.		7/21/2023	7/21/2023	7/21/2023	7/21/2023	7/19/2023	7/19/2023	7/19/2023
Laboratory pH	<6.25; >9.0	8.5	8.7	7.9	8.6	7.9	8.2	7.9
VOCs (mg/kg)		No Exceedances						
SVOCs (mg/kg)		No Exceedances						
Total Metals (mg/kg)								
Aluminum, Total	---	5300	6800	8300	6400	5300	13000	7200
Antimony, Total	5	0.43 J	0.47 J	0.49 J	0.55 J	0.47 J	0.65 J	0.49 J
Arsenic, Total	11.3 / 13.0	7.3	8.2	9.1	2.1	7.9 J	7.1	9.1
Barium, Total	1500	29	41	30	24	16	55	26
Beryllium, Total	22	0.53	0.61	0.76	0.44	0.49	0.96	0.64
Cadmium, Total	5.2	0.2 J	0.23	0.53	0.16 J	0.28 J	ND	0.23 J
Calcium, Total	---	63000 B	49000 B	55000 B	89000 B	64000 B	52000 B	60000 B
Chromium, Total	21	9.4	11	14	12	9.3	20	13
Cobalt, Total	20	8.4	12	12	5.7	8.8	15	11
Copper, Total	2900	18	21	27	75	24	25	28
Iron, Total	15000 / 15900	14000 B	16000 B	19000 B	10000 B	15000	21000	17000
Lead, Total	107	10	14	14	7.8	13	14	13
Magnesium, Total	325000	40000 B	30000 B	32000 B	39000 B	36000 B	29000 B	33000 B
Manganese, Total	630 / 636	420 B	470 B	410 B	260 B	410 J	440 B	390 B
Mercury, Total	0.89	0.014 J	0.015 J	0.016 J	0.014 J	0.021	0.024	0.021
Nickel, Total	100	17	24	30	15	21	36	28
Potassium, Total	---	1300	1700	2600	1900	1300 J	3600	2100
Selenium, Total	1.3	ND	ND	ND	ND	ND	0.85 J	0.78 J
Silver, Total	4.4	ND	ND	ND	ND	ND	ND	ND
Sodium, Total	---	280	340	160	190	120	220	160
Thallium, Total	2.6	ND	ND	ND	ND	ND	ND	ND
Vanadium, Total	550	13	16	16	13	12	22	14
Zinc, Total	5100	41	45	100	27	43 J	56	58
TCLP Metals (mg/l)								
Arsenic, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND
Barium, TCLP	2	0.46 J	0.65	ND	0.59	0.23 J	0.73	0.46 J
Beryllium, TCLP	0.004	ND	ND	ND	ND	ND	ND	ND
Cadmium, TCLP	0.005	ND	0.0021 J	ND	ND	0.0022 J	ND	ND
Chromium, TCLP	0.1	ND	ND	ND	ND	ND	ND	ND
Cobalt, TCLP	1	0.017 J	0.026	ND	0.036	0.059	0.068	0.019 J
Copper, TCLP	0.65	0.011 J	0.01 J	0.026	0.012 J	0.047	0.12	ND
Iron, TCLP	5	ND	ND	3.1	ND	ND	0.22 J	ND
Lead, TCLP	0.0075	ND	ND	ND	ND	ND	0.024	ND
Manganese, TCLP	0.15	2.3	2.8	0.013 J	2.5	4.4	5.3	1.8
Mercury, TCLP	0.002	ND	ND	ND	ND	ND	ND	ND
Nickel, TCLP	0.1	0.043	0.053	ND	0.086	0.085	0.11	0.045
Selenium, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND
Silver, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND
Zinc, TCLP	5	0.023 J	ND	0.026 J	ND	0.044 J	2.7	ND
SPLP Metals (mg/l)								
Arsenic, SPLP	0.05	0.033 J	0.062	ND	0.022 J	ND	0.017 J	ND
Barium, SPLP	2	0.12 J	0.4 J	ND	0.16 J	ND	0.22 J	ND
Beryllium, SPLP	0.004	ND	0.0063	ND	ND	ND	0.004	ND
Cadmium, SPLP	0.005	ND	ND	ND	ND	ND	ND	ND
Chromium, SPLP	0.1	0.049 J	0.12 J	0.012 J	0.06	ND	0.074	ND
Cobalt, SPLP	1	0.019 J	0.039	ND	0.025	ND	0.031	ND
Copper, SPLP	0.65	0.072 J	0.13 J	0.011 J	0.074	ND	0.047	ND
Iron, SPLP	5	59 J	120 J	7.1	53	2.4	46	3.7
Lead, SPLP	0.0075	0.028 J	0.055 J	ND	0.028	ND	0.023	ND
Manganese, SPLP	0.15	0.28	0.43	0.068	0.41	0.018 J	0.49	0.039
Mercury, SPLP	0.002	ND	ND	ND	ND	ND	ND	ND
Nickel, SPLP	0.1	0.052 J	0.12 J	ND	0.071	ND	0.075	ND
Selenium, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND
Silver, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND
Zinc, SPLP	5	0.17 J	0.33 J	ND	0.15 J	ND	0.093 J	ND

Notes:

- - not applicable or value not available.
- Reference concentrations from MAC Table include background values for Chicago corporate limits and MSA counties, as applicable.
- ND - Constituent not detected above the reporting limit.
- B - Compound was found in the blank and the investigative sample.
- J - Estimated concentration.
- Shaded values indicate concentration exceeds MAC Table Reference Concentration.



ANALYTICAL REPORT

PREPARED FOR

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

Generated 8/1/2023 4:32:23 PM

JOB DESCRIPTION

IDOT - FAP 342 IL 53 - WO 056

JOB NUMBER

500-237047-1

Eurofins Chicago

Job Notes

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

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

Authorization



Generated
8/1/2023 4:32:23 PM

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

Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237047-1

Client Sample ID: RB5-3(0-6.5)-072123

Lab Sample ID: 500-237047-8

Date Collected: 07/21/23 11:10

Matrix: Solid

Date Received: 07/21/23 16:30

Percent Solids: 84.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.024		0.024	0.011	mg/Kg	✳	07/21/23 18:05	07/26/23 05:04	1
Benzene	<0.0024		0.0024	0.00062	mg/Kg	✳	07/21/23 18:05	07/26/23 05:04	1
Bromodichloromethane	<0.0024		0.0024	0.00049	mg/Kg	✳	07/21/23 18:05	07/26/23 05:04	1
Bromoform	<0.0024		0.0024	0.00071	mg/Kg	✳	07/21/23 18:05	07/26/23 05:04	1
Bromomethane	<0.0060		0.0060	0.0023	mg/Kg	✳	07/21/23 18:05	07/26/23 05:04	1
Carbon disulfide	<0.0060		0.0060	0.0013	mg/Kg	✳	07/21/23 18:05	07/26/23 05:04	1
Carbon tetrachloride	<0.0024		0.0024	0.00070	mg/Kg	✳	07/21/23 18:05	07/26/23 05:04	1
Chlorobenzene	<0.0024		0.0024	0.00089	mg/Kg	✳	07/21/23 18:05	07/26/23 05:04	1
Chloroethane	<0.0060		0.0060	0.0018	mg/Kg	✳	07/21/23 18:05	07/26/23 05:04	1
Chloroform	<0.0024		0.0024	0.00084	mg/Kg	✳	07/21/23 18:05	07/26/23 05:04	1
Chloromethane	<0.0060	+	0.0060	0.0024	mg/Kg	✳	07/21/23 18:05	07/26/23 05:04	1
cis-1,2-Dichloroethene	<0.0024		0.0024	0.00068	mg/Kg	✳	07/21/23 18:05	07/26/23 05:04	1
cis-1,3-Dichloropropene	<0.0024		0.0024	0.00073	mg/Kg	✳	07/21/23 18:05	07/26/23 05:04	1
Dibromochloromethane	<0.0024		0.0024	0.00079	mg/Kg	✳	07/21/23 18:05	07/26/23 05:04	1
1,1-Dichloroethane	<0.0024		0.0024	0.00083	mg/Kg	✳	07/21/23 18:05	07/26/23 05:04	1
1,2-Dichloroethane	<0.0060		0.0060	0.0019	mg/Kg	✳	07/21/23 18:05	07/26/23 05:04	1
1,1-Dichloroethene	<0.0024		0.0024	0.00083	mg/Kg	✳	07/21/23 18:05	07/26/23 05:04	1
1,2-Dichloropropane	<0.0024		0.0024	0.00062	mg/Kg	✳	07/21/23 18:05	07/26/23 05:04	1
1,3-Dichloropropene, Total	<0.0024		0.0024	0.00085	mg/Kg	✳	07/21/23 18:05	07/26/23 05:04	1
Ethylbenzene	<0.0024		0.0024	0.0012	mg/Kg	✳	07/21/23 18:05	07/26/23 05:04	1
2-Hexanone	<0.0060		0.0060	0.0019	mg/Kg	✳	07/21/23 18:05	07/26/23 05:04	1
Methylene Chloride	<0.0060		0.0060	0.0024	mg/Kg	✳	07/21/23 18:05	07/26/23 05:04	1
Methyl Ethyl Ketone	<0.0060		0.0060	0.0027	mg/Kg	✳	07/21/23 18:05	07/26/23 05:04	1
methyl isobutyl ketone	<0.0060		0.0060	0.0018	mg/Kg	✳	07/21/23 18:05	07/26/23 05:04	1
Methyl tert-butyl ether	<0.0024		0.0024	0.00071	mg/Kg	✳	07/21/23 18:05	07/26/23 05:04	1
Styrene	<0.0024		0.0024	0.00073	mg/Kg	✳	07/21/23 18:05	07/26/23 05:04	1
1,1,2,2-Tetrachloroethane	<0.0024		0.0024	0.00077	mg/Kg	✳	07/21/23 18:05	07/26/23 05:04	1
Tetrachloroethene	<0.0024		0.0024	0.00082	mg/Kg	✳	07/21/23 18:05	07/26/23 05:04	1
Toluene	<0.0024		0.0024	0.00061	mg/Kg	✳	07/21/23 18:05	07/26/23 05:04	1
trans-1,2-Dichloroethene	<0.0024		0.0024	0.0011	mg/Kg	✳	07/21/23 18:05	07/26/23 05:04	1
trans-1,3-Dichloropropene	<0.0024		0.0024	0.00085	mg/Kg	✳	07/21/23 18:05	07/26/23 05:04	1
1,1,1-Trichloroethane	<0.0024		0.0024	0.00081	mg/Kg	✳	07/21/23 18:05	07/26/23 05:04	1
1,1,2-Trichloroethane	<0.0024		0.0024	0.0010	mg/Kg	✳	07/21/23 18:05	07/26/23 05:04	1
Trichloroethene	<0.0024		0.0024	0.00082	mg/Kg	✳	07/21/23 18:05	07/26/23 05:04	1
Vinyl chloride	<0.0024		0.0024	0.0011	mg/Kg	✳	07/21/23 18:05	07/26/23 05:04	1
Xylenes, Total	<0.0048		0.0048	0.00077	mg/Kg	✳	07/21/23 18:05	07/26/23 05:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		75 - 131	07/21/23 18:05	07/26/23 05:04	1
Dibromofluoromethane (Surr)	100		75 - 126	07/21/23 18:05	07/26/23 05:04	1
1,2-Dichloroethane-d4 (Surr)	98		70 - 134	07/21/23 18:05	07/26/23 05:04	1
Toluene-d8 (Surr)	87		75 - 124	07/21/23 18:05	07/26/23 05:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237047-1

Client Sample ID: RB5-3(0-6.5)-072123

Lab Sample ID: 500-237047-8

Date Collected: 07/21/23 11:10

Matrix: Solid

Date Received: 07/21/23 16:30

Percent Solids: 84.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.086	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
2,4-Dichlorophenol	<0.37		0.37	0.090	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
2,4-Dinitrophenol	<0.76		0.76	0.66	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
2,4-Dinitrotoluene	<0.19		0.19	0.060	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
2,6-Dinitrotoluene	<0.19		0.19	0.074	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
2-Chlorophenol	<0.19		0.19	0.064	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
2-Methylnaphthalene	<0.076		0.076	0.0069	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
2-Nitrophenol	<0.37		0.37	0.089	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
3 & 4 Methylphenol	<0.19		0.19	0.063	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.053	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.30	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
4-Chloroaniline	<0.76		0.76	0.18	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
4-Nitrophenol	<0.76		0.76	0.36	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
Acenaphthene	<0.037		0.037	0.0068	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
Acenaphthylene	<0.037		0.037	0.0050	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
Anthracene	<0.037		0.037	0.0063	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
Benzo[a]anthracene	<0.037		0.037	0.0051	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
Benzo[a]pyrene	0.021	J	0.037	0.0073	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
Benzo[b]fluoranthene	0.019	J	0.037	0.0081	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
Benzo[g,h,i]perylene	0.018	J	0.037	0.012	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
Benzo[k]fluoranthene	<0.037		0.037	0.011	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.069	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
Butyl benzyl phthalate	<0.19		0.19	0.072	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
Carbazole	<0.19		0.19	0.094	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
Chrysene	<0.037		0.037	0.010	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
Dibenz(a,h)anthracene	<0.037		0.037	0.0073	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
Diethyl phthalate	<0.19		0.19	0.064	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
Fluoranthene	<0.037		0.037	0.0070	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
Fluorene	<0.037		0.037	0.0053	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
Hexachlorobenzene	<0.076		0.076	0.0087	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
Hexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
Hexachlorocyclopentadiene	<0.76		0.76	0.22	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1
Hexachloroethane	<0.19		0.19	0.057	mg/Kg	✳	07/26/23 07:34	07/27/23 17:05	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237047-1

Client Sample ID: RB5-3(0-6.5)-072123

Lab Sample ID: 500-237047-8

Date Collected: 07/21/23 11:10

Matrix: Solid

Date Received: 07/21/23 16:30

Percent Solids: 84.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.021	J	0.037	0.0098	mg/Kg	✱	07/26/23 07:34	07/27/23 17:05	1
Isophorone	<0.19		0.19	0.042	mg/Kg	✱	07/26/23 07:34	07/27/23 17:05	1
Naphthalene	<0.037		0.037	0.0058	mg/Kg	✱	07/26/23 07:34	07/27/23 17:05	1
Nitrobenzene	<0.037		0.037	0.0094	mg/Kg	✱	07/26/23 07:34	07/27/23 17:05	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.046	mg/Kg	✱	07/26/23 07:34	07/27/23 17:05	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	✱	07/26/23 07:34	07/27/23 17:05	1
Pentachlorophenol	<0.76		0.76	0.60	mg/Kg	✱	07/26/23 07:34	07/27/23 17:05	1
Phenanthrene	<0.037		0.037	0.0053	mg/Kg	✱	07/26/23 07:34	07/27/23 17:05	1
Phenol	<0.19		0.19	0.084	mg/Kg	✱	07/26/23 07:34	07/27/23 17:05	1
Pyrene	<0.037		0.037	0.0075	mg/Kg	✱	07/26/23 07:34	07/27/23 17:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	52		31 - 166	07/26/23 07:34	07/27/23 17:05	1
Phenol-d5 (Surr)	52		30 - 153	07/26/23 07:34	07/27/23 17:05	1
Nitrobenzene-d5 (Surr)	46		37 - 147	07/26/23 07:34	07/27/23 17:05	1
2-Fluorobiphenyl (Surr)	54		43 - 145	07/26/23 07:34	07/27/23 17:05	1
2,4,6-Tribromophenol (Surr)	66		31 - 143	07/26/23 07:34	07/27/23 17:05	1
Terphenyl-d14 (Surr)	73		42 - 157	07/26/23 07:34	07/27/23 17:05	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5300		21	8.7	mg/Kg	✱	07/25/23 15:14	07/26/23 16:12	1
Antimony	0.43	J	2.1	0.41	mg/Kg	✱	07/25/23 15:14	07/26/23 16:12	1
Arsenic	7.3		1.1	0.36	mg/Kg	✱	07/25/23 15:14	07/26/23 16:12	1
Barium	29		1.1	0.12	mg/Kg	✱	07/25/23 15:14	07/26/23 16:12	1
Beryllium	0.53		0.43	0.099	mg/Kg	✱	07/25/23 15:14	07/26/23 16:12	1
Cadmium	0.20	J	0.21	0.038	mg/Kg	✱	07/25/23 15:14	07/26/23 16:12	1
Calcium	63000	B	21	3.6	mg/Kg	✱	07/25/23 15:14	07/26/23 16:12	1
Chromium	9.4		1.1	0.53	mg/Kg	✱	07/25/23 15:14	07/26/23 16:12	1
Cobalt	8.4		0.53	0.14	mg/Kg	✱	07/25/23 15:14	07/26/23 16:12	1
Copper	18		1.1	0.30	mg/Kg	✱	07/25/23 15:14	07/26/23 16:12	1
Iron	14000	B	21	11	mg/Kg	✱	07/25/23 15:14	07/26/23 16:12	1
Lead	10		0.53	0.25	mg/Kg	✱	07/25/23 15:14	07/26/23 16:12	1
Magnesium	40000	B	11	5.3	mg/Kg	✱	07/25/23 15:14	07/26/23 16:12	1
Manganese	420	B	1.1	0.15	mg/Kg	✱	07/25/23 15:14	07/26/23 16:12	1
Nickel	17		1.1	0.31	mg/Kg	✱	07/25/23 15:14	07/26/23 16:12	1
Potassium	1300		53	19	mg/Kg	✱	07/25/23 15:14	07/26/23 16:12	1
Selenium	<1.1		1.1	0.63	mg/Kg	✱	07/25/23 15:14	07/26/23 16:12	1
Silver	<0.53		0.53	0.14	mg/Kg	✱	07/25/23 15:14	07/26/23 16:12	1
Sodium	280		110	16	mg/Kg	✱	07/25/23 15:14	07/26/23 16:12	1
Thallium	<1.1		1.1	0.53	mg/Kg	✱	07/25/23 15:14	07/26/23 16:12	1
Vanadium	13		0.53	0.13	mg/Kg	✱	07/25/23 15:14	07/26/23 16:12	1
Zinc	41		2.1	0.93	mg/Kg	✱	07/25/23 15:14	07/26/23 16:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/27/23 17:02	07/28/23 18:09	1
Barium	0.46	J	0.50	0.050	mg/L		07/27/23 17:02	07/28/23 18:09	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/27/23 17:02	07/28/23 18:09	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/27/23 17:02	07/28/23 18:09	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237047-1

Client Sample ID: RB5-3(0-6.5)-072123

Lab Sample ID: 500-237047-8

Date Collected: 07/21/23 11:10

Matrix: Solid

Date Received: 07/21/23 16:30

Percent Solids: 84.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/27/23 17:02	07/28/23 18:09	1
Cobalt	0.017	J	0.025	0.010	mg/L		07/27/23 17:02	07/28/23 18:09	1
Copper	0.011	J	0.025	0.010	mg/L		07/27/23 17:02	07/28/23 18:09	1
Iron	<0.40		0.40	0.20	mg/L		07/27/23 17:02	07/28/23 18:09	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/27/23 17:02	07/28/23 18:09	1
Manganese	2.3		0.025	0.010	mg/L		07/27/23 17:02	07/28/23 18:09	1
Nickel	0.043		0.025	0.010	mg/L		07/27/23 17:02	07/28/23 18:09	1
Selenium	0.028	J B *+	0.050	0.020	mg/L		07/27/23 17:02	07/28/23 18:09	1
Silver	<0.025		0.025	0.010	mg/L		07/27/23 17:02	07/28/23 18:09	1
Zinc	0.023	J	0.50	0.020	mg/L		07/27/23 17:02	07/28/23 18:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.033	J	0.050	0.010	mg/L		07/27/23 17:03	07/28/23 13:47	1
Barium	0.12	J	0.50	0.050	mg/L		07/27/23 17:03	07/28/23 13:47	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/27/23 17:03	07/28/23 13:47	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/27/23 17:03	07/28/23 13:47	1
Chromium	0.049		0.025	0.010	mg/L		07/27/23 17:03	07/28/23 13:47	1
Cobalt	0.019	J	0.025	0.010	mg/L		07/27/23 17:03	07/28/23 13:47	1
Copper	0.072		0.025	0.010	mg/L		07/27/23 17:03	07/28/23 13:47	1
Iron	59		0.40	0.20	mg/L		07/27/23 17:03	07/28/23 13:47	1
Lead	0.028		0.0075	0.0075	mg/L		07/27/23 17:03	07/28/23 13:47	1
Manganese	0.28		0.025	0.010	mg/L		07/27/23 17:03	07/28/23 13:47	1
Nickel	0.052		0.025	0.010	mg/L		07/27/23 17:03	07/28/23 13:47	1
Selenium	<0.050		0.050	0.020	mg/L		07/27/23 17:03	07/28/23 13:47	1
Silver	<0.025		0.025	0.010	mg/L		07/27/23 17:03	07/28/23 13:47	1
Zinc	0.17	J	0.50	0.020	mg/L		07/27/23 17:03	07/28/23 13:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/28/23 12:30	07/31/23 09:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/27/23 13:25	07/28/23 13:18	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.014	J	0.019	0.0098	mg/Kg	☼	07/31/23 16:50	08/01/23 10:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.5		0.2	0.2	SU			07/26/23 18:56	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237047-1

Client Sample ID: RB5-3(6.5-13)-072123

Lab Sample ID: 500-237047-9

Date Collected: 07/21/23 11:15

Matrix: Solid

Date Received: 07/21/23 16:30

Percent Solids: 89.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0069	mg/Kg	☼	07/21/23 18:05	07/26/23 05:30	1
Benzene	<0.0016		0.0016	0.00040	mg/Kg	☼	07/21/23 18:05	07/26/23 05:30	1
Bromodichloromethane	<0.0016		0.0016	0.00032	mg/Kg	☼	07/21/23 18:05	07/26/23 05:30	1
Bromoform	<0.0016		0.0016	0.00046	mg/Kg	☼	07/21/23 18:05	07/26/23 05:30	1
Bromomethane	<0.0039		0.0039	0.0015	mg/Kg	☼	07/21/23 18:05	07/26/23 05:30	1
Carbon disulfide	<0.0039		0.0039	0.00082	mg/Kg	☼	07/21/23 18:05	07/26/23 05:30	1
Carbon tetrachloride	<0.0016		0.0016	0.00046	mg/Kg	☼	07/21/23 18:05	07/26/23 05:30	1
Chlorobenzene	<0.0016		0.0016	0.00058	mg/Kg	☼	07/21/23 18:05	07/26/23 05:30	1
Chloroethane	<0.0039		0.0039	0.0012	mg/Kg	☼	07/21/23 18:05	07/26/23 05:30	1
Chloroform	<0.0016		0.0016	0.00055	mg/Kg	☼	07/21/23 18:05	07/26/23 05:30	1
Chloromethane	<0.0039	*+	0.0039	0.0016	mg/Kg	☼	07/21/23 18:05	07/26/23 05:30	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00044	mg/Kg	☼	07/21/23 18:05	07/26/23 05:30	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00048	mg/Kg	☼	07/21/23 18:05	07/26/23 05:30	1
Dibromochloromethane	<0.0016		0.0016	0.00052	mg/Kg	☼	07/21/23 18:05	07/26/23 05:30	1
1,1-Dichloroethane	<0.0016		0.0016	0.00054	mg/Kg	☼	07/21/23 18:05	07/26/23 05:30	1
1,2-Dichloroethane	<0.0039		0.0039	0.0012	mg/Kg	☼	07/21/23 18:05	07/26/23 05:30	1
1,1-Dichloroethene	<0.0016		0.0016	0.00054	mg/Kg	☼	07/21/23 18:05	07/26/23 05:30	1
1,2-Dichloropropane	<0.0016		0.0016	0.00041	mg/Kg	☼	07/21/23 18:05	07/26/23 05:30	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00055	mg/Kg	☼	07/21/23 18:05	07/26/23 05:30	1
Ethylbenzene	<0.0016		0.0016	0.00076	mg/Kg	☼	07/21/23 18:05	07/26/23 05:30	1
2-Hexanone	<0.0039		0.0039	0.0012	mg/Kg	☼	07/21/23 18:05	07/26/23 05:30	1
Methylene Chloride	<0.0039		0.0039	0.0016	mg/Kg	☼	07/21/23 18:05	07/26/23 05:30	1
Methyl Ethyl Ketone	<0.0039		0.0039	0.0018	mg/Kg	☼	07/21/23 18:05	07/26/23 05:30	1
methyl isobutyl ketone	<0.0039		0.0039	0.0012	mg/Kg	☼	07/21/23 18:05	07/26/23 05:30	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00046	mg/Kg	☼	07/21/23 18:05	07/26/23 05:30	1
Styrene	<0.0016		0.0016	0.00048	mg/Kg	☼	07/21/23 18:05	07/26/23 05:30	1
1,1,2,2-Tetrachloroethane	<0.0016	*3	0.0016	0.00050	mg/Kg	☼	07/21/23 18:05	07/26/23 05:30	1
Tetrachloroethene	<0.0016		0.0016	0.00054	mg/Kg	☼	07/21/23 18:05	07/26/23 05:30	1
Toluene	<0.0016		0.0016	0.00040	mg/Kg	☼	07/21/23 18:05	07/26/23 05:30	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00070	mg/Kg	☼	07/21/23 18:05	07/26/23 05:30	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00055	mg/Kg	☼	07/21/23 18:05	07/26/23 05:30	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00053	mg/Kg	☼	07/21/23 18:05	07/26/23 05:30	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00068	mg/Kg	☼	07/21/23 18:05	07/26/23 05:30	1
Trichloroethene	<0.0016		0.0016	0.00053	mg/Kg	☼	07/21/23 18:05	07/26/23 05:30	1
Vinyl chloride	<0.0016		0.0016	0.00070	mg/Kg	☼	07/21/23 18:05	07/26/23 05:30	1
Xylenes, Total	<0.0032		0.0032	0.00051	mg/Kg	☼	07/21/23 18:05	07/26/23 05:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	148	*3 S1+	75 - 131	07/21/23 18:05	07/26/23 05:30	1
Dibromofluoromethane (Surr)	103		75 - 126	07/21/23 18:05	07/26/23 05:30	1
1,2-Dichloroethane-d4 (Surr)	105		70 - 134	07/21/23 18:05	07/26/23 05:30	1
Toluene-d8 (Surr)	104		75 - 124	07/21/23 18:05	07/26/23 05:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.039	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
1,2-Dichlorobenzene	<0.18		0.18	0.043	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
1,3-Dichlorobenzene	<0.18		0.18	0.041	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
1,4-Dichlorobenzene	<0.18		0.18	0.046	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.042	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237047-1

Client Sample ID: RB5-3(6.5-13)-072123

Lab Sample ID: 500-237047-9

Date Collected: 07/21/23 11:15

Matrix: Solid

Date Received: 07/21/23 16:30

Percent Solids: 89.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.36		0.36	0.083	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
2,4,6-Trichlorophenol	<0.36		0.36	0.12	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
2,4-Dichlorophenol	<0.36		0.36	0.086	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
2,4-Dimethylphenol	<0.36		0.36	0.14	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
2,4-Dinitrophenol	<0.73		0.73	0.64	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
2,4-Dinitrotoluene	<0.18		0.18	0.057	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
2,6-Dinitrotoluene	<0.18		0.18	0.071	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
2-Chloronaphthalene	<0.18		0.18	0.040	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
2-Chlorophenol	<0.18		0.18	0.062	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
2-Methylnaphthalene	<0.073		0.073	0.0067	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
2-Methylphenol	<0.18		0.18	0.058	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
2-Nitroaniline	<0.18		0.18	0.049	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
2-Nitrophenol	<0.36		0.36	0.085	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
3 & 4 Methylphenol	<0.18		0.18	0.060	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.051	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
3-Nitroaniline	<0.36		0.36	0.11	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
4,6-Dinitro-2-methylphenol	<0.73		0.73	0.29	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.048	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
4-Chloro-3-methylphenol	<0.36		0.36	0.12	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
4-Chloroaniline	<0.73		0.73	0.17	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.042	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
4-Nitroaniline	<0.36		0.36	0.15	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
4-Nitrophenol	<0.73		0.73	0.34	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
Acenaphthene	<0.036		0.036	0.0065	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
Acenaphthylene	<0.036		0.036	0.0048	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
Anthracene	<0.036		0.036	0.0060	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
Benzo[a]anthracene	0.0098	J	0.036	0.0049	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
Benzo[a]pyrene	<0.036		0.036	0.0070	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
Benzo[b]fluoranthene	<0.036		0.036	0.0078	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
Benzo[g,h,i]perylene	0.019	J	0.036	0.012	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
Benzo[k]fluoranthene	<0.036		0.036	0.011	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.037	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.054	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.066	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
Butyl benzyl phthalate	<0.18		0.18	0.069	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
Carbazole	<0.18		0.18	0.090	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
Chrysene	<0.036		0.036	0.0099	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
Dibenz(a,h)anthracene	<0.036		0.036	0.0070	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
Dibenzofuran	<0.18		0.18	0.042	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
Diethyl phthalate	<0.18		0.18	0.061	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
Dimethyl phthalate	<0.18		0.18	0.047	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
Di-n-butyl phthalate	<0.18		0.18	0.055	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
Di-n-octyl phthalate	<0.18		0.18	0.059	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
Fluoranthene	<0.036		0.036	0.0067	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
Fluorene	<0.036		0.036	0.0051	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
Hexachlorobenzene	<0.073		0.073	0.0084	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
Hexachlorobutadiene	<0.18		0.18	0.057	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
Hexachlorocyclopentadiene	<0.73		0.73	0.21	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1
Hexachloroethane	<0.18		0.18	0.055	mg/Kg	☼	07/26/23 07:34	07/27/23 21:03	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237047-1

Client Sample ID: RB5-3(6.5-13)-072123

Lab Sample ID: 500-237047-9

Date Collected: 07/21/23 11:15

Matrix: Solid

Date Received: 07/21/23 16:30

Percent Solids: 89.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.036		0.036	0.0094	mg/Kg	✳	07/26/23 07:34	07/27/23 21:03	1
Isophorone	<0.18		0.18	0.041	mg/Kg	✳	07/26/23 07:34	07/27/23 21:03	1
Naphthalene	<0.036		0.036	0.0056	mg/Kg	✳	07/26/23 07:34	07/27/23 21:03	1
Nitrobenzene	<0.036		0.036	0.0090	mg/Kg	✳	07/26/23 07:34	07/27/23 21:03	1
N-Nitrosodi-n-propylamine	<0.073		0.073	0.044	mg/Kg	✳	07/26/23 07:34	07/27/23 21:03	1
N-Nitrosodiphenylamine	<0.18		0.18	0.043	mg/Kg	✳	07/26/23 07:34	07/27/23 21:03	1
Pentachlorophenol	<0.73		0.73	0.58	mg/Kg	✳	07/26/23 07:34	07/27/23 21:03	1
Phenanthrene	<0.036		0.036	0.0050	mg/Kg	✳	07/26/23 07:34	07/27/23 21:03	1
Phenol	<0.18		0.18	0.080	mg/Kg	✳	07/26/23 07:34	07/27/23 21:03	1
Pyrene	<0.036		0.036	0.0072	mg/Kg	✳	07/26/23 07:34	07/27/23 21:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	81		31 - 166	07/26/23 07:34	07/27/23 21:03	1
Phenol-d5 (Surr)	74		30 - 153	07/26/23 07:34	07/27/23 21:03	1
Nitrobenzene-d5 (Surr)	73		37 - 147	07/26/23 07:34	07/27/23 21:03	1
2-Fluorobiphenyl (Surr)	85		43 - 145	07/26/23 07:34	07/27/23 21:03	1
2,4,6-Tribromophenol (Surr)	98		31 - 143	07/26/23 07:34	07/27/23 21:03	1
Terphenyl-d14 (Surr)	107		42 - 157	07/26/23 07:34	07/27/23 21:03	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6400		20	8.1	mg/Kg	✳	07/25/23 15:14	07/26/23 16:15	1
Antimony	0.55	J	2.0	0.38	mg/Kg	✳	07/25/23 15:14	07/26/23 16:15	1
Arsenic	2.1		0.99	0.34	mg/Kg	✳	07/25/23 15:14	07/26/23 16:15	1
Barium	24		0.99	0.11	mg/Kg	✳	07/25/23 15:14	07/26/23 16:15	1
Beryllium	0.44		0.40	0.092	mg/Kg	✳	07/25/23 15:14	07/26/23 16:15	1
Cadmium	0.16	J	0.20	0.036	mg/Kg	✳	07/25/23 15:14	07/26/23 16:15	1
Calcium	89000	B	99	17	mg/Kg	✳	07/25/23 15:14	07/27/23 23:46	5
Chromium	12		0.99	0.49	mg/Kg	✳	07/25/23 15:14	07/26/23 16:15	1
Cobalt	5.7		0.49	0.13	mg/Kg	✳	07/25/23 15:14	07/26/23 16:15	1
Copper	75		0.99	0.28	mg/Kg	✳	07/25/23 15:14	07/26/23 16:15	1
Iron	10000	B	20	10	mg/Kg	✳	07/25/23 15:14	07/26/23 16:15	1
Lead	7.8		0.49	0.23	mg/Kg	✳	07/25/23 15:14	07/26/23 16:15	1
Magnesium	39000	B	9.9	4.9	mg/Kg	✳	07/25/23 15:14	07/26/23 16:15	1
Manganese	260	B	0.99	0.14	mg/Kg	✳	07/25/23 15:14	07/26/23 16:15	1
Nickel	15		0.99	0.29	mg/Kg	✳	07/25/23 15:14	07/26/23 16:15	1
Potassium	1900		49	17	mg/Kg	✳	07/25/23 15:14	07/26/23 16:15	1
Selenium	<0.99		0.99	0.58	mg/Kg	✳	07/25/23 15:14	07/26/23 16:15	1
Silver	<0.49		0.49	0.13	mg/Kg	✳	07/25/23 15:14	07/26/23 16:15	1
Sodium	190		99	15	mg/Kg	✳	07/25/23 15:14	07/26/23 16:15	1
Thallium	<0.99		0.99	0.49	mg/Kg	✳	07/25/23 15:14	07/26/23 16:15	1
Vanadium	13		0.49	0.12	mg/Kg	✳	07/25/23 15:14	07/26/23 16:15	1
Zinc	27		2.0	0.87	mg/Kg	✳	07/25/23 15:14	07/26/23 16:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/27/23 17:02	07/28/23 18:13	1
Barium	0.59		0.50	0.050	mg/L		07/27/23 17:02	07/28/23 18:13	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/27/23 17:02	07/28/23 18:13	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/27/23 17:02	07/28/23 18:13	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237047-1

Client Sample ID: RB5-3(6.5-13)-072123

Lab Sample ID: 500-237047-9

Date Collected: 07/21/23 11:15

Matrix: Solid

Date Received: 07/21/23 16:30

Percent Solids: 89.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/27/23 17:02	07/28/23 18:13	1
Cobalt	0.036		0.025	0.010	mg/L		07/27/23 17:02	07/28/23 18:13	1
Copper	0.012	J	0.025	0.010	mg/L		07/27/23 17:02	07/28/23 18:13	1
Iron	<0.40		0.40	0.20	mg/L		07/27/23 17:02	07/28/23 18:13	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/27/23 17:02	07/28/23 18:13	1
Manganese	2.5		0.025	0.010	mg/L		07/27/23 17:02	07/28/23 18:13	1
Nickel	0.086		0.025	0.010	mg/L		07/27/23 17:02	07/28/23 18:13	1
Selenium	0.030	J B *+	0.050	0.020	mg/L		07/27/23 17:02	07/28/23 18:13	1
Silver	<0.025		0.025	0.010	mg/L		07/27/23 17:02	07/28/23 18:13	1
Zinc	<0.50		0.50	0.020	mg/L		07/27/23 17:02	07/28/23 18:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.022	J	0.050	0.010	mg/L		07/27/23 17:03	07/28/23 13:50	1
Barium	0.16	J	0.50	0.050	mg/L		07/27/23 17:03	07/28/23 13:50	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/27/23 17:03	07/28/23 13:50	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/27/23 17:03	07/28/23 13:50	1
Chromium	0.060		0.025	0.010	mg/L		07/27/23 17:03	07/28/23 13:50	1
Cobalt	0.025		0.025	0.010	mg/L		07/27/23 17:03	07/28/23 13:50	1
Copper	0.074		0.025	0.010	mg/L		07/27/23 17:03	07/28/23 13:50	1
Iron	53		0.40	0.20	mg/L		07/27/23 17:03	07/28/23 13:50	1
Lead	0.028		0.0075	0.0075	mg/L		07/27/23 17:03	07/28/23 13:50	1
Manganese	0.41		0.025	0.010	mg/L		07/27/23 17:03	07/28/23 13:50	1
Nickel	0.071		0.025	0.010	mg/L		07/27/23 17:03	07/28/23 13:50	1
Selenium	<0.050		0.050	0.020	mg/L		07/27/23 17:03	07/28/23 13:50	1
Silver	<0.025		0.025	0.010	mg/L		07/27/23 17:03	07/28/23 13:50	1
Zinc	0.15	J	0.50	0.020	mg/L		07/27/23 17:03	07/28/23 13:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/28/23 12:30	07/31/23 09:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/27/23 13:25	07/28/23 13:20	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.014	J	0.017	0.0092	mg/Kg	☼	07/31/23 16:50	08/01/23 10:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.6		0.2	0.2	SU			07/26/23 18:58	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237047-1

Client Sample ID: RB5-3(0-6.5)-072123D

Lab Sample ID: 500-237047-10

Date Collected: 07/21/23 11:10

Matrix: Solid

Date Received: 07/21/23 16:30

Percent Solids: 83.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0076	mg/Kg	☼	07/21/23 18:05	07/26/23 05:55	1
Benzene	<0.0017		0.0017	0.00044	mg/Kg	☼	07/21/23 18:05	07/26/23 05:55	1
Bromodichloromethane	<0.0017		0.0017	0.00035	mg/Kg	☼	07/21/23 18:05	07/26/23 05:55	1
Bromoform	<0.0017		0.0017	0.00051	mg/Kg	☼	07/21/23 18:05	07/26/23 05:55	1
Bromomethane	<0.0044		0.0044	0.0016	mg/Kg	☼	07/21/23 18:05	07/26/23 05:55	1
Carbon disulfide	<0.0044		0.0044	0.00090	mg/Kg	☼	07/21/23 18:05	07/26/23 05:55	1
Carbon tetrachloride	<0.0017		0.0017	0.00050	mg/Kg	☼	07/21/23 18:05	07/26/23 05:55	1
Chlorobenzene	<0.0017		0.0017	0.00064	mg/Kg	☼	07/21/23 18:05	07/26/23 05:55	1
Chloroethane	<0.0044		0.0044	0.0013	mg/Kg	☼	07/21/23 18:05	07/26/23 05:55	1
Chloroform	<0.0017		0.0017	0.00060	mg/Kg	☼	07/21/23 18:05	07/26/23 05:55	1
Chloromethane	<0.0044	*+	0.0044	0.0017	mg/Kg	☼	07/21/23 18:05	07/26/23 05:55	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00049	mg/Kg	☼	07/21/23 18:05	07/26/23 05:55	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00052	mg/Kg	☼	07/21/23 18:05	07/26/23 05:55	1
Dibromochloromethane	<0.0017		0.0017	0.00057	mg/Kg	☼	07/21/23 18:05	07/26/23 05:55	1
1,1-Dichloroethane	<0.0017		0.0017	0.00060	mg/Kg	☼	07/21/23 18:05	07/26/23 05:55	1
1,2-Dichloroethane	<0.0044		0.0044	0.0014	mg/Kg	☼	07/21/23 18:05	07/26/23 05:55	1
1,1-Dichloroethene	<0.0017		0.0017	0.00060	mg/Kg	☼	07/21/23 18:05	07/26/23 05:55	1
1,2-Dichloropropane	<0.0017		0.0017	0.00045	mg/Kg	☼	07/21/23 18:05	07/26/23 05:55	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00061	mg/Kg	☼	07/21/23 18:05	07/26/23 05:55	1
Ethylbenzene	<0.0017		0.0017	0.00083	mg/Kg	☼	07/21/23 18:05	07/26/23 05:55	1
2-Hexanone	<0.0044		0.0044	0.0014	mg/Kg	☼	07/21/23 18:05	07/26/23 05:55	1
Methylene Chloride	<0.0044		0.0044	0.0017	mg/Kg	☼	07/21/23 18:05	07/26/23 05:55	1
Methyl Ethyl Ketone	<0.0044		0.0044	0.0019	mg/Kg	☼	07/21/23 18:05	07/26/23 05:55	1
methyl isobutyl ketone	<0.0044		0.0044	0.0013	mg/Kg	☼	07/21/23 18:05	07/26/23 05:55	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00051	mg/Kg	☼	07/21/23 18:05	07/26/23 05:55	1
Styrene	<0.0017		0.0017	0.00053	mg/Kg	☼	07/21/23 18:05	07/26/23 05:55	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00056	mg/Kg	☼	07/21/23 18:05	07/26/23 05:55	1
Tetrachloroethene	<0.0017		0.0017	0.00059	mg/Kg	☼	07/21/23 18:05	07/26/23 05:55	1
Toluene	<0.0017		0.0017	0.00044	mg/Kg	☼	07/21/23 18:05	07/26/23 05:55	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00077	mg/Kg	☼	07/21/23 18:05	07/26/23 05:55	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00061	mg/Kg	☼	07/21/23 18:05	07/26/23 05:55	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00058	mg/Kg	☼	07/21/23 18:05	07/26/23 05:55	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00075	mg/Kg	☼	07/21/23 18:05	07/26/23 05:55	1
Trichloroethene	<0.0017		0.0017	0.00059	mg/Kg	☼	07/21/23 18:05	07/26/23 05:55	1
Vinyl chloride	<0.0017		0.0017	0.00077	mg/Kg	☼	07/21/23 18:05	07/26/23 05:55	1
Xylenes, Total	<0.0035		0.0035	0.00056	mg/Kg	☼	07/21/23 18:05	07/26/23 05:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		75 - 131	07/21/23 18:05	07/26/23 05:55	1
Dibromofluoromethane (Surr)	109		75 - 126	07/21/23 18:05	07/26/23 05:55	1
1,2-Dichloroethane-d4 (Surr)	116		70 - 134	07/21/23 18:05	07/26/23 05:55	1
Toluene-d8 (Surr)	85		75 - 124	07/21/23 18:05	07/26/23 05:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	☼	07/26/23 07:34	07/27/23 20:42	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	☼	07/26/23 07:34	07/27/23 20:42	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	☼	07/26/23 07:34	07/27/23 20:42	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	☼	07/26/23 07:34	07/27/23 20:42	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	☼	07/26/23 07:34	07/27/23 20:42	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237047-1

Client Sample ID: RB5-3(0-6.5)-072123D

Lab Sample ID: 500-237047-10

Date Collected: 07/21/23 11:10

Matrix: Solid

Date Received: 07/21/23 16:30

Percent Solids: 83.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.087	mg/Kg	✳	07/26/23 07:34	07/27/23 20:42	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	✳	07/26/23 07:34	07/27/23 20:42	1
2,4-Dichlorophenol	<0.38		0.38	0.091	mg/Kg	✳	07/26/23 07:34	07/27/23 20:42	1
2,4-Dimethylphenol	<0.38		0.38	0.15	mg/Kg	✳	07/26/23 07:34	07/27/23 20:42	1
2,4-Dinitrophenol	<0.77		0.77	0.67	mg/Kg	✳	07/26/23 07:34	07/27/23 20:42	1
2,4-Dinitrotoluene	<0.19		0.19	0.061	mg/Kg	✳	07/26/23 07:34	07/27/23 20:42	1
2,6-Dinitrotoluene	<0.19		0.19	0.075	mg/Kg	✳	07/26/23 07:34	07/27/23 20:42	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	✳	07/26/23 07:34	07/27/23 20:42	1
2-Chlorophenol	<0.19		0.19	0.065	mg/Kg	✳	07/26/23 07:34	07/27/23 20:42	1
2-Methylnaphthalene	<0.077		0.077	0.0070	mg/Kg	✳	07/26/23 07:34	07/27/23 20:42	1
2-Methylphenol	<0.19		0.19	0.061	mg/Kg	✳	07/26/23 07:34	07/27/23 20:42	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	✳	07/26/23 07:34	07/27/23 20:42	1
2-Nitrophenol	<0.38		0.38	0.090	mg/Kg	✳	07/26/23 07:34	07/27/23 20:42	1
3 & 4 Methylphenol	<0.19		0.19	0.064	mg/Kg	✳	07/26/23 07:34	07/27/23 20:42	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.054	mg/Kg	✳	07/26/23 07:34	07/27/23 20:42	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	✳	07/26/23 07:34	07/27/23 20:42	1
4,6-Dinitro-2-methylphenol	<0.77		0.77	0.31	mg/Kg	✳	07/26/23 07:34	07/27/23 20:42	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	✳	07/26/23 07:34	07/27/23 20:42	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	✳	07/26/23 07:34	07/27/23 20:42	1
4-Chloroaniline	<0.77		0.77	0.18	mg/Kg	✳	07/26/23 07:34	07/27/23 20:42	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	✳	07/26/23 07:34	07/27/23 20:42	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	✳	07/26/23 07:34	07/27/23 20:42	1
4-Nitrophenol	<0.77		0.77	0.36	mg/Kg	✳	07/26/23 07:34	07/27/23 20:42	1
Acenaphthene	<0.038		0.038	0.0069	mg/Kg	✳	07/26/23 07:34	07/27/23 20:42	1
Acenaphthylene	<0.038		0.038	0.0050	mg/Kg	✳	07/26/23 07:34	07/27/23 20:42	1
Anthracene	<0.038		0.038	0.0064	mg/Kg	✳	07/26/23 07:34	07/27/23 20:42	1
Benzo[a]anthracene	0.0087	J	0.038	0.0051	mg/Kg	✳	07/26/23 07:34	07/27/23 20:42	1
Benzo[a]pyrene	0.021	J	0.038	0.0074	mg/Kg	✳	07/26/23 07:34	07/27/23 20:42	1
Benzo[b]fluoranthene	0.019	J	0.038	0.0083	mg/Kg	✳	07/26/23 07:34	07/27/23 20:42	1
Benzo[g,h,i]perylene	0.020	J	0.038	0.012	mg/Kg	✳	07/26/23 07:34	07/27/23 20:42	1
Benzo[k]fluoranthene	<0.038		0.038	0.011	mg/Kg	✳	07/26/23 07:34	07/27/23 20:42	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	✳	07/26/23 07:34	07/27/23 20:42	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.057	mg/Kg	✳	07/26/23 07:34	07/27/23 20:42	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.070	mg/Kg	✳	07/26/23 07:34	07/27/23 20:42	1
Butyl benzyl phthalate	<0.19		0.19	0.073	mg/Kg	✳	07/26/23 07:34	07/27/23 20:42	1
Carbazole	<0.19		0.19	0.096	mg/Kg	✳	07/26/23 07:34	07/27/23 20:42	1
Chrysene	<0.038		0.038	0.010	mg/Kg	✳	07/26/23 07:34	07/27/23 20:42	1
Dibenz(a,h)anthracene	<0.038		0.038	0.0074	mg/Kg	✳	07/26/23 07:34	07/27/23 20:42	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	✳	07/26/23 07:34	07/27/23 20:42	1
Diethyl phthalate	<0.19		0.19	0.065	mg/Kg	✳	07/26/23 07:34	07/27/23 20:42	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	✳	07/26/23 07:34	07/27/23 20:42	1
Di-n-butyl phthalate	<0.19		0.19	0.058	mg/Kg	✳	07/26/23 07:34	07/27/23 20:42	1
Di-n-octyl phthalate	<0.19		0.19	0.062	mg/Kg	✳	07/26/23 07:34	07/27/23 20:42	1
Fluoranthene	<0.038		0.038	0.0071	mg/Kg	✳	07/26/23 07:34	07/27/23 20:42	1
Fluorene	<0.038		0.038	0.0054	mg/Kg	✳	07/26/23 07:34	07/27/23 20:42	1
Hexachlorobenzene	<0.077		0.077	0.0089	mg/Kg	✳	07/26/23 07:34	07/27/23 20:42	1
Hexachlorobutadiene	<0.19		0.19	0.060	mg/Kg	✳	07/26/23 07:34	07/27/23 20:42	1
Hexachlorocyclopentadiene	<0.77		0.77	0.22	mg/Kg	✳	07/26/23 07:34	07/27/23 20:42	1
Hexachloroethane	<0.19		0.19	0.058	mg/Kg	✳	07/26/23 07:34	07/27/23 20:42	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237047-1

Client Sample ID: RB5-3(0-6.5)-072123D

Lab Sample ID: 500-237047-10

Date Collected: 07/21/23 11:10

Matrix: Solid

Date Received: 07/21/23 16:30

Percent Solids: 83.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.021	J	0.038	0.0099	mg/Kg	☼	07/26/23 07:34	07/27/23 20:42	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	07/26/23 07:34	07/27/23 20:42	1
Naphthalene	<0.038		0.038	0.0059	mg/Kg	☼	07/26/23 07:34	07/27/23 20:42	1
Nitrobenzene	<0.038		0.038	0.0095	mg/Kg	☼	07/26/23 07:34	07/27/23 20:42	1
N-Nitrosodi-n-propylamine	<0.077		0.077	0.047	mg/Kg	☼	07/26/23 07:34	07/27/23 20:42	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	☼	07/26/23 07:34	07/27/23 20:42	1
Pentachlorophenol	<0.77		0.77	0.61	mg/Kg	☼	07/26/23 07:34	07/27/23 20:42	1
Phenanthrene	<0.038		0.038	0.0053	mg/Kg	☼	07/26/23 07:34	07/27/23 20:42	1
Phenol	<0.19		0.19	0.085	mg/Kg	☼	07/26/23 07:34	07/27/23 20:42	1
Pyrene	<0.038		0.038	0.0076	mg/Kg	☼	07/26/23 07:34	07/27/23 20:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	76		31 - 166	07/26/23 07:34	07/27/23 20:42	1
Phenol-d5 (Surr)	72		30 - 153	07/26/23 07:34	07/27/23 20:42	1
Nitrobenzene-d5 (Surr)	68		37 - 147	07/26/23 07:34	07/27/23 20:42	1
2-Fluorobiphenyl (Surr)	79		43 - 145	07/26/23 07:34	07/27/23 20:42	1
2,4,6-Tribromophenol (Surr)	88		31 - 143	07/26/23 07:34	07/27/23 20:42	1
Terphenyl-d14 (Surr)	95		42 - 157	07/26/23 07:34	07/27/23 20:42	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6800		21	8.6	mg/Kg	☼	07/25/23 15:14	07/26/23 16:19	1
Antimony	0.47	J	2.1	0.41	mg/Kg	☼	07/25/23 15:14	07/26/23 16:19	1
Arsenic	8.2		1.0	0.36	mg/Kg	☼	07/25/23 15:14	07/26/23 16:19	1
Barium	41		1.0	0.12	mg/Kg	☼	07/25/23 15:14	07/26/23 16:19	1
Beryllium	0.61		0.42	0.098	mg/Kg	☼	07/25/23 15:14	07/26/23 16:19	1
Cadmium	0.23		0.21	0.038	mg/Kg	☼	07/25/23 15:14	07/26/23 16:19	1
Calcium	49000	B	21	3.6	mg/Kg	☼	07/25/23 15:14	07/26/23 16:19	1
Chromium	11		1.0	0.52	mg/Kg	☼	07/25/23 15:14	07/26/23 16:19	1
Cobalt	12		0.52	0.14	mg/Kg	☼	07/25/23 15:14	07/26/23 16:19	1
Copper	21		1.0	0.29	mg/Kg	☼	07/25/23 15:14	07/26/23 16:19	1
Iron	16000	B	21	11	mg/Kg	☼	07/25/23 15:14	07/26/23 16:19	1
Lead	14		0.52	0.24	mg/Kg	☼	07/25/23 15:14	07/26/23 16:19	1
Magnesium	30000	B	10	5.2	mg/Kg	☼	07/25/23 15:14	07/26/23 16:19	1
Manganese	470	B	1.0	0.15	mg/Kg	☼	07/25/23 15:14	07/26/23 16:19	1
Nickel	24		1.0	0.31	mg/Kg	☼	07/25/23 15:14	07/26/23 16:19	1
Potassium	1700		52	19	mg/Kg	☼	07/25/23 15:14	07/26/23 16:19	1
Selenium	<1.0		1.0	0.62	mg/Kg	☼	07/25/23 15:14	07/26/23 16:19	1
Silver	<0.52		0.52	0.14	mg/Kg	☼	07/25/23 15:14	07/26/23 16:19	1
Sodium	340		100	16	mg/Kg	☼	07/25/23 15:14	07/26/23 16:19	1
Thallium	<1.0		1.0	0.52	mg/Kg	☼	07/25/23 15:14	07/26/23 16:19	1
Vanadium	16		0.52	0.12	mg/Kg	☼	07/25/23 15:14	07/26/23 16:19	1
Zinc	45		2.1	0.92	mg/Kg	☼	07/25/23 15:14	07/26/23 16:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/27/23 17:02	07/28/23 18:16	1
Barium	0.65		0.50	0.050	mg/L		07/27/23 17:02	07/28/23 18:16	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/27/23 17:02	07/28/23 18:16	1
Cadmium	0.0021	J	0.0050	0.0020	mg/L		07/27/23 17:02	07/28/23 18:16	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237047-1

Client Sample ID: RB5-3(0-6.5)-072123D

Lab Sample ID: 500-237047-10

Date Collected: 07/21/23 11:10

Matrix: Solid

Date Received: 07/21/23 16:30

Percent Solids: 83.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/27/23 17:02	07/28/23 18:16	1
Cobalt	0.026		0.025	0.010	mg/L		07/27/23 17:02	07/28/23 18:16	1
Copper	0.010	J	0.025	0.010	mg/L		07/27/23 17:02	07/28/23 18:16	1
Iron	<0.40		0.40	0.20	mg/L		07/27/23 17:02	07/28/23 18:16	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/27/23 17:02	07/28/23 18:16	1
Manganese	2.8		0.025	0.010	mg/L		07/27/23 17:02	07/28/23 18:16	1
Nickel	0.053		0.025	0.010	mg/L		07/27/23 17:02	07/28/23 18:16	1
Selenium	0.022	J B *+	0.050	0.020	mg/L		07/27/23 17:02	07/28/23 18:16	1
Silver	<0.025		0.025	0.010	mg/L		07/27/23 17:02	07/28/23 18:16	1
Zinc	<0.50		0.50	0.020	mg/L		07/27/23 17:02	07/28/23 18:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.062		0.050	0.010	mg/L		07/27/23 17:03	07/28/23 13:54	1
Barium	0.40	J	0.50	0.050	mg/L		07/27/23 17:03	07/28/23 13:54	1
Beryllium	0.0063		0.0040	0.0040	mg/L		07/27/23 17:03	07/28/23 13:54	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/27/23 17:03	07/28/23 13:54	1
Chromium	0.12		0.025	0.010	mg/L		07/27/23 17:03	07/28/23 13:54	1
Cobalt	0.039		0.025	0.010	mg/L		07/27/23 17:03	07/28/23 13:54	1
Copper	0.13		0.025	0.010	mg/L		07/27/23 17:03	07/28/23 13:54	1
Iron	120		0.40	0.20	mg/L		07/27/23 17:03	07/28/23 13:54	1
Lead	0.055		0.0075	0.0075	mg/L		07/27/23 17:03	07/28/23 13:54	1
Manganese	0.43		0.025	0.010	mg/L		07/27/23 17:03	07/28/23 13:54	1
Nickel	0.12		0.025	0.010	mg/L		07/27/23 17:03	07/28/23 13:54	1
Selenium	<0.050		0.050	0.020	mg/L		07/27/23 17:03	07/28/23 13:54	1
Silver	<0.025		0.025	0.010	mg/L		07/27/23 17:03	07/28/23 13:54	1
Zinc	0.33	J	0.50	0.020	mg/L		07/27/23 17:03	07/28/23 13:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/28/23 12:30	07/31/23 09:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/27/23 13:25	07/28/23 13:22	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.015	J	0.018	0.0095	mg/Kg	☼	07/31/23 16:50	08/01/23 10:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.7		0.2	0.2	SU			07/26/23 19:01	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237047-1

Client Sample ID: RB5-3(13-20)-072123

Lab Sample ID: 500-237047-11

Date Collected: 07/21/23 11:20

Matrix: Solid

Date Received: 07/21/23 16:30

Percent Solids: 85.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015		0.015	0.0066	mg/Kg	☼	07/21/23 18:05	07/26/23 06:20	1
Benzene	<0.0015		0.0015	0.00039	mg/Kg	☼	07/21/23 18:05	07/26/23 06:20	1
Bromodichloromethane	<0.0015		0.0015	0.00031	mg/Kg	☼	07/21/23 18:05	07/26/23 06:20	1
Bromoform	<0.0015		0.0015	0.00044	mg/Kg	☼	07/21/23 18:05	07/26/23 06:20	1
Bromomethane	<0.0038		0.0038	0.0014	mg/Kg	☼	07/21/23 18:05	07/26/23 06:20	1
Carbon disulfide	<0.0038		0.0038	0.00079	mg/Kg	☼	07/21/23 18:05	07/26/23 06:20	1
Carbon tetrachloride	<0.0015		0.0015	0.00044	mg/Kg	☼	07/21/23 18:05	07/26/23 06:20	1
Chlorobenzene	<0.0015		0.0015	0.00056	mg/Kg	☼	07/21/23 18:05	07/26/23 06:20	1
Chloroethane	<0.0038		0.0038	0.0011	mg/Kg	☼	07/21/23 18:05	07/26/23 06:20	1
Chloroform	<0.0015		0.0015	0.00053	mg/Kg	☼	07/21/23 18:05	07/26/23 06:20	1
Chloromethane	<0.0038	*+	0.0038	0.0015	mg/Kg	☼	07/21/23 18:05	07/26/23 06:20	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00042	mg/Kg	☼	07/21/23 18:05	07/26/23 06:20	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00046	mg/Kg	☼	07/21/23 18:05	07/26/23 06:20	1
Dibromochloromethane	<0.0015		0.0015	0.00050	mg/Kg	☼	07/21/23 18:05	07/26/23 06:20	1
1,1-Dichloroethane	<0.0015		0.0015	0.00052	mg/Kg	☼	07/21/23 18:05	07/26/23 06:20	1
1,2-Dichloroethane	<0.0038		0.0038	0.0012	mg/Kg	☼	07/21/23 18:05	07/26/23 06:20	1
1,1-Dichloroethene	<0.0015		0.0015	0.00052	mg/Kg	☼	07/21/23 18:05	07/26/23 06:20	1
1,2-Dichloropropane	<0.0015		0.0015	0.00039	mg/Kg	☼	07/21/23 18:05	07/26/23 06:20	1
1,3-Dichloropropene, Total	<0.0015		0.0015	0.00053	mg/Kg	☼	07/21/23 18:05	07/26/23 06:20	1
Ethylbenzene	<0.0015		0.0015	0.00073	mg/Kg	☼	07/21/23 18:05	07/26/23 06:20	1
2-Hexanone	<0.0038		0.0038	0.0012	mg/Kg	☼	07/21/23 18:05	07/26/23 06:20	1
Methylene Chloride	<0.0038		0.0038	0.0015	mg/Kg	☼	07/21/23 18:05	07/26/23 06:20	1
Methyl Ethyl Ketone	<0.0038		0.0038	0.0017	mg/Kg	☼	07/21/23 18:05	07/26/23 06:20	1
methyl isobutyl ketone	<0.0038		0.0038	0.0011	mg/Kg	☼	07/21/23 18:05	07/26/23 06:20	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00045	mg/Kg	☼	07/21/23 18:05	07/26/23 06:20	1
Styrene	<0.0015		0.0015	0.00046	mg/Kg	☼	07/21/23 18:05	07/26/23 06:20	1
1,1,2,2-Tetrachloroethane	<0.0015	*3	0.0015	0.00049	mg/Kg	☼	07/21/23 18:05	07/26/23 06:20	1
Tetrachloroethene	<0.0015		0.0015	0.00052	mg/Kg	☼	07/21/23 18:05	07/26/23 06:20	1
Toluene	<0.0015		0.0015	0.00038	mg/Kg	☼	07/21/23 18:05	07/26/23 06:20	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00067	mg/Kg	☼	07/21/23 18:05	07/26/23 06:20	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00053	mg/Kg	☼	07/21/23 18:05	07/26/23 06:20	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00051	mg/Kg	☼	07/21/23 18:05	07/26/23 06:20	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00065	mg/Kg	☼	07/21/23 18:05	07/26/23 06:20	1
Trichloroethene	<0.0015		0.0015	0.00051	mg/Kg	☼	07/21/23 18:05	07/26/23 06:20	1
Vinyl chloride	<0.0015		0.0015	0.00067	mg/Kg	☼	07/21/23 18:05	07/26/23 06:20	1
Xylenes, Total	<0.0030		0.0030	0.00049	mg/Kg	☼	07/21/23 18:05	07/26/23 06:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	149	*3 S1+	75 - 131	07/21/23 18:05	07/26/23 06:20	1
Dibromofluoromethane (Surr)	111		75 - 126	07/21/23 18:05	07/26/23 06:20	1
1,2-Dichloroethane-d4 (Surr)	109		70 - 134	07/21/23 18:05	07/26/23 06:20	1
Toluene-d8 (Surr)	104		75 - 124	07/21/23 18:05	07/26/23 06:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	☼	07/26/23 07:34	07/27/23 21:46	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	☼	07/26/23 07:34	07/27/23 21:46	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	07/26/23 07:34	07/27/23 21:46	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	☼	07/26/23 07:34	07/27/23 21:46	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	☼	07/26/23 07:34	07/27/23 21:46	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237047-1

Client Sample ID: RB5-3(13-20)-072123

Lab Sample ID: 500-237047-11

Date Collected: 07/21/23 11:20

Matrix: Solid

Date Received: 07/21/23 16:30

Percent Solids: 85.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.086	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
2,4-Dichlorophenol	<0.37		0.37	0.089	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
2,4-Dinitrophenol	<0.76		0.76	0.66	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
2,4-Dinitrotoluene	<0.19		0.19	0.060	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
2,6-Dinitrotoluene	<0.19		0.19	0.074	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
2-Chlorophenol	<0.19		0.19	0.064	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
2-Methylnaphthalene	0.014	J	0.076	0.0069	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
2-Nitrophenol	<0.37		0.37	0.089	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
3 & 4 Methylphenol	<0.19		0.19	0.063	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.053	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.30	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
4-Chloroaniline	<0.76		0.76	0.18	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
4-Nitrophenol	<0.76		0.76	0.36	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
Acenaphthene	<0.037		0.037	0.0068	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
Acenaphthylene	<0.037		0.037	0.0050	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
Anthracene	<0.037		0.037	0.0063	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
Benzo[a]anthracene	0.010	J	0.037	0.0051	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
Benzo[a]pyrene	<0.037		0.037	0.0073	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
Benzo[b]fluoranthene	0.017	J	0.037	0.0081	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
Benzo[g,h,i]perylene	0.028	J	0.037	0.012	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
Benzo[k]fluoranthene	<0.037		0.037	0.011	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.069	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
Butyl benzyl phthalate	<0.19		0.19	0.072	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
Carbazole	<0.19		0.19	0.094	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
Chrysene	0.012	J	0.037	0.010	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
Dibenz(a,h)anthracene	<0.037		0.037	0.0073	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
Diethyl phthalate	<0.19		0.19	0.064	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
Fluoranthene	<0.037		0.037	0.0070	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
Fluorene	<0.037		0.037	0.0053	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
Hexachlorobenzene	<0.076		0.076	0.0087	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
Hexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
Hexachlorocyclopentadiene	<0.76		0.76	0.22	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
Hexachloroethane	<0.19		0.19	0.057	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237047-1

Client Sample ID: RB5-3(13-20)-072123

Lab Sample ID: 500-237047-11

Date Collected: 07/21/23 11:20

Matrix: Solid

Date Received: 07/21/23 16:30

Percent Solids: 85.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.037		0.037	0.0098	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
Isophorone	<0.19		0.19	0.042	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
Naphthalene	<0.037		0.037	0.0058	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
Nitrobenzene	<0.037		0.037	0.0094	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.046	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
Pentachlorophenol	<0.76		0.76	0.60	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
Phenanthrene	0.031	J	0.037	0.0052	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
Phenol	<0.19		0.19	0.084	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1
Pyrene	0.0082	J	0.037	0.0075	mg/Kg	✳	07/26/23 07:34	07/27/23 21:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	71		31 - 166	07/26/23 07:34	07/27/23 21:46	1
Phenol-d5 (Surr)	67		30 - 153	07/26/23 07:34	07/27/23 21:46	1
Nitrobenzene-d5 (Surr)	68		37 - 147	07/26/23 07:34	07/27/23 21:46	1
2-Fluorobiphenyl (Surr)	80		43 - 145	07/26/23 07:34	07/27/23 21:46	1
2,4,6-Tribromophenol (Surr)	71		31 - 143	07/26/23 07:34	07/27/23 21:46	1
Terphenyl-d14 (Surr)	91		42 - 157	07/26/23 07:34	07/27/23 21:46	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8300		20	8.3	mg/Kg	✳	07/25/23 15:14	07/26/23 16:22	1
Antimony	0.49	J	2.0	0.40	mg/Kg	✳	07/25/23 15:14	07/26/23 16:22	1
Arsenic	9.1		1.0	0.35	mg/Kg	✳	07/25/23 15:14	07/26/23 16:22	1
Barium	30		1.0	0.12	mg/Kg	✳	07/25/23 15:14	07/26/23 16:22	1
Beryllium	0.76		0.41	0.095	mg/Kg	✳	07/25/23 15:14	07/26/23 16:22	1
Cadmium	0.53		0.20	0.037	mg/Kg	✳	07/25/23 15:14	07/26/23 16:22	1
Calcium	55000	B	20	3.4	mg/Kg	✳	07/25/23 15:14	07/26/23 16:22	1
Chromium	14		1.0	0.50	mg/Kg	✳	07/25/23 15:14	07/26/23 16:22	1
Cobalt	12		0.51	0.13	mg/Kg	✳	07/25/23 15:14	07/26/23 16:22	1
Copper	27		1.0	0.28	mg/Kg	✳	07/25/23 15:14	07/26/23 16:22	1
Iron	19000	B	20	11	mg/Kg	✳	07/25/23 15:14	07/26/23 16:22	1
Lead	14		0.51	0.24	mg/Kg	✳	07/25/23 15:14	07/26/23 16:22	1
Magnesium	32000	B	10	5.0	mg/Kg	✳	07/25/23 15:14	07/26/23 16:22	1
Manganese	410	B	1.0	0.15	mg/Kg	✳	07/25/23 15:14	07/26/23 16:22	1
Nickel	30		1.0	0.30	mg/Kg	✳	07/25/23 15:14	07/26/23 16:22	1
Potassium	2600		51	18	mg/Kg	✳	07/25/23 15:14	07/26/23 16:22	1
Selenium	<1.0		1.0	0.60	mg/Kg	✳	07/25/23 15:14	07/26/23 16:22	1
Silver	<0.51		0.51	0.13	mg/Kg	✳	07/25/23 15:14	07/26/23 16:22	1
Sodium	160		100	15	mg/Kg	✳	07/25/23 15:14	07/26/23 16:22	1
Thallium	<1.0		1.0	0.51	mg/Kg	✳	07/25/23 15:14	07/26/23 16:22	1
Vanadium	16		0.51	0.12	mg/Kg	✳	07/25/23 15:14	07/26/23 16:22	1
Zinc	100		2.0	0.89	mg/Kg	✳	07/25/23 15:14	07/26/23 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/27/23 17:02	07/28/23 18:20	1
Barium	<0.50		0.50	0.050	mg/L		07/27/23 17:02	07/28/23 18:20	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/27/23 17:02	07/28/23 18:20	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/27/23 17:02	07/28/23 18:20	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237047-1

Client Sample ID: RB5-3(13-20)-072123

Lab Sample ID: 500-237047-11

Date Collected: 07/21/23 11:20

Matrix: Solid

Date Received: 07/21/23 16:30

Percent Solids: 85.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/27/23 17:02	07/28/23 18:20	1
Cobalt	<0.025		0.025	0.010	mg/L		07/27/23 17:02	07/28/23 18:20	1
Copper	0.026		0.025	0.010	mg/L		07/27/23 17:02	07/28/23 18:20	1
Iron	3.1		0.40	0.20	mg/L		07/27/23 17:02	07/28/23 18:20	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/27/23 17:02	07/28/23 18:20	1
Manganese	0.013	J	0.025	0.010	mg/L		07/27/23 17:02	07/28/23 18:20	1
Nickel	<0.025		0.025	0.010	mg/L		07/27/23 17:02	07/28/23 18:20	1
Selenium	0.029	J B *+	0.050	0.020	mg/L		07/27/23 17:02	07/28/23 18:20	1
Silver	<0.025		0.025	0.010	mg/L		07/27/23 17:02	07/28/23 18:20	1
Zinc	0.026	J	0.50	0.020	mg/L		07/27/23 17:02	07/28/23 18:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/27/23 17:03	07/28/23 13:57	1
Barium	<0.50		0.50	0.050	mg/L		07/27/23 17:03	07/28/23 13:57	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/27/23 17:03	07/28/23 13:57	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/27/23 17:03	07/28/23 13:57	1
Chromium	0.012	J	0.025	0.010	mg/L		07/27/23 17:03	07/28/23 13:57	1
Cobalt	<0.025		0.025	0.010	mg/L		07/27/23 17:03	07/28/23 13:57	1
Copper	0.011	J	0.025	0.010	mg/L		07/27/23 17:03	07/28/23 13:57	1
Iron	7.1		0.40	0.20	mg/L		07/27/23 17:03	07/28/23 13:57	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/27/23 17:03	07/28/23 13:57	1
Manganese	0.068		0.025	0.010	mg/L		07/27/23 17:03	07/28/23 13:57	1
Nickel	<0.025		0.025	0.010	mg/L		07/27/23 17:03	07/28/23 13:57	1
Selenium	<0.050		0.050	0.020	mg/L		07/27/23 17:03	07/28/23 13:57	1
Silver	<0.025		0.025	0.010	mg/L		07/27/23 17:03	07/28/23 13:57	1
Zinc	<0.50		0.50	0.020	mg/L		07/27/23 17:03	07/28/23 13:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/28/23 12:30	07/31/23 09:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/27/23 13:25	07/28/23 13:24	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.016	J	0.018	0.0094	mg/Kg	☼	07/31/23 16:50	08/01/23 10:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.9		0.2	0.2	SU			07/26/23 19:03	1

Definitions/Glossary

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237047-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

Metals

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

Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237047-1

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

667778



Environment Testing
America

Address _____



500-237047 COC

Regulatory Program: DW NPDES RCRA Other

TAL-8210

Client Contact		Project Manager A. Skesers		Site Contact C. Davids		Date 07/21/23		COC No 667778				
Company Name Weston Solutions		Tel/Email		Lab Contact J. Knapp		Carrier		1 of 3 COCs				
Address 300 Knightsbridge Pkwy		Analysis Turnaround Time										
City/State/Zip Lincolnshire, IL 60069		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____										
Phone		<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) VOCs SVOCs Total Metals PCB/SPLP Metals pH										
Project Name 056 IL-68												
Site												
P O #												
Sampler:		Job / SDG No 056 500-237047										
For Lab Use Only												
Walk-in Client Lab Sampling												
Sample Specific Notes												
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.						
1	RB5-1(0-6.5)-072123	07/21/23	1000	G	S	6	X	X	X	X	X	
2	RB5-1(0-6.5)-072123D		1000									
3	RB5-1(6.5-13)-072123		1005									
4	RB5-1(13-20)-072123		1010									
5	RB5-2(0-6.5)-072123		1035									
6	RB5-2(6.5-13)-071223		1040									
7	RB5-2(13-20)-071223		1045									
8	RB5-3(0-6.5)-071223		1110									
9	RB5-3(6.5-13)-071223		1115									
10	RB5-3(0-6.5)-071223		1110									
11	RB5-3(13-20)-071223		1120									
Preservation Used: 1=Ice, 2=HCl; 3=H2SO4; 4=HNO3; 5=NaOH; 6=Other												
Possible Hazard Identification. Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)						
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown						<input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months						
Special Instructions/QC Requirements & Comments:												
Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temp. (°C) Obs'd		Corr'd		Therm ID No				
Relinquished by <i>[Signature]</i>		Company Weston		Date/Time 07/21/23 5:29		Received by <i>[Signature]</i>		Company EEEA		Date/Time 7/21/23 1530		
Relinquished by <i>[Signature]</i>		Company EEEA		Date/Time 7/21/23 1630		Received by		Company		Date/Time		
Relinquished by		Company		Date/Time		Received in Laboratory by <i>[Signature]</i>		Company EEEA		Date/Time 7/21/23 1630		



Chain of Custody Record

667779



Environment Testing America

Address _____

Regulatory Program: DW NPDES RCRA Other

TAL-8210

Client Contact		Project Manager: A. Skesers		Site Contact: C. Davids		Date: 07/21/2023		COC No 66779	
Company Name Weston Solutions		Tel/Email:		Lab Contact: J. Knapp		Carrier:		2 of 8 COCs	
Address 300 Knightsbridge Pkwy		Analysis Turnaround Time		Filtered Sample (Y/N) Perform MS / MSD (Y/N) VOCs SVOCs Trace Metals TCLP / PLP Metals pH				Sampler	
City/State/Zip Lincolnshire, IL 60069		<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						For Lab Use Only:	
Phone								Walk-in Client	
Fax								Lab Sampling	
Project Name 056 IL-68						Job / SDG No 056			
Site						500-137047			
PO #								Sample Specific Notes	
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.			
12	ROW-22 (0-6.5)-072123	07/21/23	1140	G	S	6	X	X	X
13	ROW-22 (0-6.5)-072123(D)		1140						
14	ROW-22 (6.5-13)-072123		1145						
15	ROW-22 (13-20)-072123		1150						
	RB6-1 (0-6.5)-072123		1220						
	RB6-1 (6.5-13)-072123		1225						
	RB6-1 (13-20)-072123		1230						
	RB6-2 (0-6.5)-072123		1325						
	RB6-2 (6.5-13)-072123		1330						
	RB6-2 (13-20)-072123		1335						
	RB6-3 (0-6.5)-072123		1355						
	RB6-3 (0-6.5)-072123(D)		1355						
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other									
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)				
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown					<input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months				
Special Instructions/QC Requirements & Comments:									
Custody Seals Intact. <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temp (°C) Obs'd _____ Corr'd _____		Therm ID No _____			
Relinquished by <i>[Signature]</i>		Company Weston		Date/Time 07/21/23 1535		Received by <i>[Signature]</i>		Company EETA Date/Time 7/21/23 1530	
Relinquished by <i>[Signature]</i>		Company EETA		Date/Time 7/21/23 1630		Received by		Company	
Relinquished by		Company		Date/Time		Received in Laboratory by <i>[Signature]</i>		Company EETA Date/Time 7/21/23 1630	



ANALYTICAL REPORT

PREPARED FOR

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

Generated 8/2/2023 11:57:53 AM

JOB DESCRIPTION

IDOT - FAP 342 IL 53 - WO 056

JOB NUMBER

500-236922-1

Eurofins Chicago

Job Notes

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

Authorization



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8/2/2023 11:57:53 AM

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

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

Client Sample ID: RB5-4(0-6.5)-071923

Lab Sample ID: 500-236922-1

Date Collected: 07/19/23 11:10

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 85.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.019		0.019	0.0081	mg/Kg	☼	07/20/23 18:51	07/24/23 22:46	1
Benzene	<0.0019		0.0019	0.00047	mg/Kg	☼	07/20/23 18:51	07/24/23 22:46	1
Bromodichloromethane	<0.0019		0.0019	0.00038	mg/Kg	☼	07/20/23 18:51	07/24/23 22:46	1
Bromoform	<0.0019		0.0019	0.00054	mg/Kg	☼	07/20/23 18:51	07/24/23 22:46	1
Bromomethane	<0.0046		0.0046	0.0018	mg/Kg	☼	07/20/23 18:51	07/24/23 22:46	1
Carbon disulfide	<0.0046		0.0046	0.00096	mg/Kg	☼	07/20/23 18:51	07/24/23 22:46	1
Carbon tetrachloride	<0.0019		0.0019	0.00054	mg/Kg	☼	07/20/23 18:51	07/24/23 22:46	1
Chlorobenzene	<0.0019		0.0019	0.00068	mg/Kg	☼	07/20/23 18:51	07/24/23 22:46	1
Chloroethane	<0.0046		0.0046	0.0014	mg/Kg	☼	07/20/23 18:51	07/24/23 22:46	1
Chloroform	<0.0019		0.0019	0.00064	mg/Kg	☼	07/20/23 18:51	07/24/23 22:46	1
Chloromethane	<0.0046		0.0046	0.0019	mg/Kg	☼	07/20/23 18:51	07/24/23 22:46	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00052	mg/Kg	☼	07/20/23 18:51	07/24/23 22:46	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00056	mg/Kg	☼	07/20/23 18:51	07/24/23 22:46	1
Dibromochloromethane	<0.0019		0.0019	0.00061	mg/Kg	☼	07/20/23 18:51	07/24/23 22:46	1
1,1-Dichloroethane	<0.0019		0.0019	0.00063	mg/Kg	☼	07/20/23 18:51	07/24/23 22:46	1
1,2-Dichloroethane	<0.0046		0.0046	0.0014	mg/Kg	☼	07/20/23 18:51	07/24/23 22:46	1
1,1-Dichloroethene	<0.0019		0.0019	0.00064	mg/Kg	☼	07/20/23 18:51	07/24/23 22:46	1
1,2-Dichloropropane	<0.0019		0.0019	0.00048	mg/Kg	☼	07/20/23 18:51	07/24/23 22:46	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00065	mg/Kg	☼	07/20/23 18:51	07/24/23 22:46	1
Ethylbenzene	<0.0019		0.0019	0.00089	mg/Kg	☼	07/20/23 18:51	07/24/23 22:46	1
2-Hexanone	<0.0046		0.0046	0.0014	mg/Kg	☼	07/20/23 18:51	07/24/23 22:46	1
Methylene Chloride	<0.0046		0.0046	0.0018	mg/Kg	☼	07/20/23 18:51	07/24/23 22:46	1
Methyl Ethyl Ketone	<0.0046		0.0046	0.0021	mg/Kg	☼	07/20/23 18:51	07/24/23 22:46	1
methyl isobutyl ketone	<0.0046		0.0046	0.0014	mg/Kg	☼	07/20/23 18:51	07/24/23 22:46	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00054	mg/Kg	☼	07/20/23 18:51	07/24/23 22:46	1
Styrene	<0.0019		0.0019	0.00056	mg/Kg	☼	07/20/23 18:51	07/24/23 22:46	1
1,1,2,2-Tetrachloroethane	<0.0019	*3	0.0019	0.00059	mg/Kg	☼	07/20/23 18:51	07/24/23 22:46	1
Tetrachloroethene	<0.0019		0.0019	0.00063	mg/Kg	☼	07/20/23 18:51	07/24/23 22:46	1
Toluene	<0.0019		0.0019	0.00047	mg/Kg	☼	07/20/23 18:51	07/24/23 22:46	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00082	mg/Kg	☼	07/20/23 18:51	07/24/23 22:46	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00065	mg/Kg	☼	07/20/23 18:51	07/24/23 22:46	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00062	mg/Kg	☼	07/20/23 18:51	07/24/23 22:46	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00079	mg/Kg	☼	07/20/23 18:51	07/24/23 22:46	1
Trichloroethene	<0.0019		0.0019	0.00063	mg/Kg	☼	07/20/23 18:51	07/24/23 22:46	1
Vinyl chloride	<0.0019		0.0019	0.00082	mg/Kg	☼	07/20/23 18:51	07/24/23 22:46	1
Xylenes, Total	<0.0037		0.0037	0.00059	mg/Kg	☼	07/20/23 18:51	07/24/23 22:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	196	S1+ *3	75 - 131	07/20/23 18:51	07/24/23 22:46	1
Dibromofluoromethane (Surr)	126		75 - 126	07/20/23 18:51	07/24/23 22:46	1
1,2-Dichloroethane-d4 (Surr)	141	S1+	70 - 134	07/20/23 18:51	07/24/23 22:46	1
Toluene-d8 (Surr)	145	S1+	75 - 124	07/20/23 18:51	07/24/23 22:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	07/21/23 07:29	07/24/23 19:39	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	☼	07/21/23 07:29	07/24/23 19:39	1
1,3-Dichlorobenzene	<0.19	F2	0.19	0.044	mg/Kg	☼	07/21/23 07:29	07/24/23 19:39	1
1,4-Dichlorobenzene	<0.19	F2	0.19	0.050	mg/Kg	☼	07/21/23 07:29	07/24/23 19:39	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.045	mg/Kg	☼	07/21/23 07:29	07/24/23 19:39	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

Client Sample ID: RB5-4(0-6.5)-071923

Lab Sample ID: 500-236922-1

Date Collected: 07/19/23 11:10

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 85.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.088	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
2,4-Dichlorophenol	<0.38		0.38	0.092	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
2,4-Dimethylphenol	<0.38		0.38	0.15	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
2,4-Dinitrophenol	<0.78		0.78	0.68	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
2,4-Dinitrotoluene	<0.19		0.19	0.061	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
2,6-Dinitrotoluene	<0.19		0.19	0.076	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
2-Chloronaphthalene	<0.19	F1	0.19	0.043	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
2-Chlorophenol	<0.19		0.19	0.066	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
2-Methylnaphthalene	<0.078		0.078	0.0071	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
2-Methylphenol	<0.19		0.19	0.062	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
2-Nitroaniline	<0.19		0.19	0.052	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
2-Nitrophenol	<0.38		0.38	0.091	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
3 & 4 Methylphenol	<0.19		0.19	0.064	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.054	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
4,6-Dinitro-2-methylphenol	<0.78		0.78	0.31	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.051	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
4-Chloroaniline	<0.78		0.78	0.18	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
4-Nitrophenol	<0.78		0.78	0.37	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
Acenaphthene	<0.038		0.038	0.0069	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
Acenaphthylene	<0.038		0.038	0.0051	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
Anthracene	<0.038	F1	0.038	0.0065	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
Benzo[a]anthracene	<0.038		0.038	0.0052	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
Benzo[a]pyrene	<0.038		0.038	0.0075	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
Benzo[b]fluoranthene	<0.038		0.038	0.0083	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
Benzo[g,h,i]perylene	<0.038		0.038	0.012	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
Benzo[k]fluoranthene	<0.038		0.038	0.011	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.058	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
Bis(2-ethylhexyl) phthalate	<0.19	F1	0.19	0.071	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
Butyl benzyl phthalate	<0.19	F1	0.19	0.074	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
Carbazole	<0.19		0.19	0.097	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
Chrysene	<0.038		0.038	0.011	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
Dibenz(a,h)anthracene	<0.038		0.038	0.0075	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
Dibenzofuran	<0.19	F1	0.19	0.045	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
Diethyl phthalate	<0.19		0.19	0.066	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
Dimethyl phthalate	<0.19		0.19	0.051	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
Di-n-butyl phthalate	<0.19		0.19	0.059	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
Di-n-octyl phthalate	<0.19		0.19	0.063	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
Fluoranthene	<0.038		0.038	0.0072	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
Fluorene	<0.038		0.038	0.0054	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
Hexachlorobenzene	<0.078		0.078	0.0090	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
Hexachlorobutadiene	<0.19		0.19	0.061	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
Hexachlorocyclopentadiene	<0.78	F1	0.78	0.22	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
Hexachloroethane	<0.19	F1	0.19	0.059	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

Client Sample ID: RB5-4(0-6.5)-071923

Lab Sample ID: 500-236922-1

Date Collected: 07/19/23 11:10

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 85.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.038		0.038	0.010	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
Isophorone	<0.19		0.19	0.043	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
Naphthalene	<0.038		0.038	0.0059	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
Nitrobenzene	<0.038		0.038	0.0096	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
N-Nitrosodi-n-propylamine	<0.078		0.078	0.047	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
N-Nitrosodiphenylamine	<0.19	F1	0.19	0.046	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
Pentachlorophenol	<0.78		0.78	0.62	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
Phenanthrene	<0.038		0.038	0.0054	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
Phenol	<0.19		0.19	0.086	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1
Pyrene	0.0093	J	0.038	0.0077	mg/Kg	✳	07/21/23 07:29	07/24/23 19:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	64		31 - 166	07/21/23 07:29	07/24/23 19:39	1
Phenol-d5 (Surr)	69		30 - 153	07/21/23 07:29	07/24/23 19:39	1
Nitrobenzene-d5 (Surr)	62		37 - 147	07/21/23 07:29	07/24/23 19:39	1
2-Fluorobiphenyl (Surr)	70		43 - 145	07/21/23 07:29	07/24/23 19:39	1
2,4,6-Tribromophenol (Surr)	47		31 - 143	07/21/23 07:29	07/24/23 19:39	1
Terphenyl-d14 (Surr)	78		42 - 157	07/21/23 07:29	07/24/23 19:39	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5300		23	9.2	mg/Kg	✳	07/21/23 15:18	07/24/23 23:20	1
Antimony	0.47	J F1	2.3	0.44	mg/Kg	✳	07/21/23 15:18	07/24/23 23:20	1
Arsenic	7.9	F1	1.1	0.39	mg/Kg	✳	07/21/23 15:18	07/24/23 23:20	1
Barium	16		1.1	0.13	mg/Kg	✳	07/21/23 15:18	07/24/23 23:20	1
Beryllium	0.49		0.45	0.11	mg/Kg	✳	07/21/23 15:18	07/24/23 23:20	1
Cadmium	0.28	B	0.23	0.041	mg/Kg	✳	07/21/23 15:18	07/24/23 23:20	1
Calcium	64000	B	23	3.8	mg/Kg	✳	07/21/23 15:18	07/24/23 23:20	1
Chromium	9.3		1.1	0.56	mg/Kg	✳	07/21/23 15:18	07/24/23 23:20	1
Cobalt	8.8		0.56	0.15	mg/Kg	✳	07/21/23 15:18	07/24/23 23:20	1
Copper	24		1.1	0.32	mg/Kg	✳	07/21/23 15:18	07/24/23 23:20	1
Iron	15000		23	12	mg/Kg	✳	07/21/23 15:18	07/24/23 23:20	1
Lead	13		0.56	0.26	mg/Kg	✳	07/21/23 15:18	07/24/23 23:20	1
Magnesium	36000	B	11	5.6	mg/Kg	✳	07/21/23 15:18	07/24/23 23:20	1
Manganese	410	B F2	1.1	0.16	mg/Kg	✳	07/21/23 15:18	07/24/23 23:20	1
Nickel	21		1.1	0.33	mg/Kg	✳	07/21/23 15:18	07/24/23 23:20	1
Potassium	1300	F1	56	20	mg/Kg	✳	07/21/23 15:18	07/24/23 23:20	1
Selenium	<1.1		1.1	0.66	mg/Kg	✳	07/21/23 15:18	07/24/23 23:20	1
Silver	<0.56	F1	0.56	0.15	mg/Kg	✳	07/21/23 15:18	07/24/23 23:20	1
Sodium	120		110	17	mg/Kg	✳	07/21/23 15:18	07/24/23 23:20	1
Thallium	<1.1	F1	1.1	0.56	mg/Kg	✳	07/21/23 15:18	07/24/23 23:20	1
Vanadium	12		0.56	0.13	mg/Kg	✳	07/21/23 15:18	07/24/23 23:20	1
Zinc	43	F1	2.3	0.99	mg/Kg	✳	07/21/23 15:18	07/24/23 23:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/24/23 16:07	07/25/23 16:15	1
Barium	0.23	J	0.50	0.050	mg/L		07/24/23 16:07	07/25/23 16:15	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/24/23 16:07	07/25/23 16:15	1
Cadmium	0.0022	J	0.0050	0.0020	mg/L		07/24/23 16:07	07/25/23 16:15	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

Client Sample ID: RB5-4(0-6.5)-071923

Lab Sample ID: 500-236922-1

Date Collected: 07/19/23 11:10

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 85.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 16:15	1
Cobalt	0.059		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 16:15	1
Copper	0.047		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 16:15	1
Iron	<0.40		0.40	0.20	mg/L		07/24/23 16:07	07/25/23 16:15	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/24/23 16:07	07/25/23 16:15	1
Manganese	4.4		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 16:15	1
Nickel	0.085		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 16:15	1
Selenium	<0.050		0.050	0.020	mg/L		07/24/23 16:07	07/25/23 16:15	1
Silver	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 16:15	1
Zinc	0.044 J		0.50	0.020	mg/L		07/24/23 16:07	07/25/23 16:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/24/23 16:08	07/25/23 23:46	1
Barium	<0.50		0.50	0.050	mg/L		07/24/23 16:08	07/25/23 23:46	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/24/23 16:08	07/25/23 23:46	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/24/23 16:08	07/25/23 23:46	1
Chromium	<0.025		0.025	0.010	mg/L		07/24/23 16:08	07/25/23 23:46	1
Cobalt	<0.025		0.025	0.010	mg/L		07/24/23 16:08	07/25/23 23:46	1
Copper	<0.025		0.025	0.010	mg/L		07/24/23 16:08	07/25/23 23:46	1
Iron	2.4		0.40	0.20	mg/L		07/24/23 16:08	07/25/23 23:46	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/24/23 16:08	07/25/23 23:46	1
Manganese	0.018 J		0.025	0.010	mg/L		07/24/23 16:08	07/25/23 23:46	1
Nickel	<0.025		0.025	0.010	mg/L		07/24/23 16:08	07/25/23 23:46	1
Selenium	<0.050		0.050	0.020	mg/L		07/24/23 16:08	07/25/23 23:46	1
Silver	<0.025		0.025	0.010	mg/L		07/24/23 16:08	07/25/23 23:46	1
Zinc	<0.50		0.50	0.020	mg/L		07/24/23 16:08	07/25/23 23:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/25/23 10:20	07/26/23 09:27	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.021		0.019	0.0098	mg/Kg	☆	07/28/23 17:10	07/31/23 11:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.9		0.2	0.2	SU			07/24/23 20:02	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

Client Sample ID: RB5-4(6.5-13)-071923

Lab Sample ID: 500-236922-2

Date Collected: 07/19/23 11:15

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 89.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017	*+ *1	0.017	0.0073	mg/Kg	☼	07/20/23 18:51	07/25/23 13:41	1
Benzene	<0.0017		0.0017	0.00043	mg/Kg	☼	07/20/23 18:51	07/25/23 13:41	1
Bromodichloromethane	<0.0017		0.0017	0.00034	mg/Kg	☼	07/20/23 18:51	07/25/23 13:41	1
Bromoform	<0.0017		0.0017	0.00049	mg/Kg	☼	07/20/23 18:51	07/25/23 13:41	1
Bromomethane	<0.0042		0.0042	0.0016	mg/Kg	☼	07/20/23 18:51	07/25/23 13:41	1
Carbon disulfide	<0.0042		0.0042	0.00088	mg/Kg	☼	07/20/23 18:51	07/25/23 13:41	1
Carbon tetrachloride	<0.0017		0.0017	0.00049	mg/Kg	☼	07/20/23 18:51	07/25/23 13:41	1
Chlorobenzene	<0.0017		0.0017	0.00062	mg/Kg	☼	07/20/23 18:51	07/25/23 13:41	1
Chloroethane	<0.0042		0.0042	0.0012	mg/Kg	☼	07/20/23 18:51	07/25/23 13:41	1
Chloroform	<0.0017		0.0017	0.00058	mg/Kg	☼	07/20/23 18:51	07/25/23 13:41	1
Chloromethane	<0.0042		0.0042	0.0017	mg/Kg	☼	07/20/23 18:51	07/25/23 13:41	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00047	mg/Kg	☼	07/20/23 18:51	07/25/23 13:41	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00051	mg/Kg	☼	07/20/23 18:51	07/25/23 13:41	1
Dibromochloromethane	<0.0017		0.0017	0.00055	mg/Kg	☼	07/20/23 18:51	07/25/23 13:41	1
1,1-Dichloroethane	<0.0017		0.0017	0.00058	mg/Kg	☼	07/20/23 18:51	07/25/23 13:41	1
1,2-Dichloroethane	<0.0042		0.0042	0.0013	mg/Kg	☼	07/20/23 18:51	07/25/23 13:41	1
1,1-Dichloroethene	<0.0017		0.0017	0.00058	mg/Kg	☼	07/20/23 18:51	07/25/23 13:41	1
1,2-Dichloropropane	<0.0017		0.0017	0.00044	mg/Kg	☼	07/20/23 18:51	07/25/23 13:41	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00059	mg/Kg	☼	07/20/23 18:51	07/25/23 13:41	1
Ethylbenzene	<0.0017		0.0017	0.00081	mg/Kg	☼	07/20/23 18:51	07/25/23 13:41	1
2-Hexanone	<0.0042		0.0042	0.0013	mg/Kg	☼	07/20/23 18:51	07/25/23 13:41	1
Methylene Chloride	<0.0042		0.0042	0.0017	mg/Kg	☼	07/20/23 18:51	07/25/23 13:41	1
Methyl Ethyl Ketone	<0.0042	*1	0.0042	0.0019	mg/Kg	☼	07/20/23 18:51	07/25/23 13:41	1
methyl isobutyl ketone	<0.0042		0.0042	0.0012	mg/Kg	☼	07/20/23 18:51	07/25/23 13:41	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00049	mg/Kg	☼	07/20/23 18:51	07/25/23 13:41	1
Styrene	<0.0017		0.0017	0.00051	mg/Kg	☼	07/20/23 18:51	07/25/23 13:41	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00054	mg/Kg	☼	07/20/23 18:51	07/25/23 13:41	1
Tetrachloroethene	<0.0017		0.0017	0.00057	mg/Kg	☼	07/20/23 18:51	07/25/23 13:41	1
Toluene	<0.0017		0.0017	0.00043	mg/Kg	☼	07/20/23 18:51	07/25/23 13:41	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00075	mg/Kg	☼	07/20/23 18:51	07/25/23 13:41	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00059	mg/Kg	☼	07/20/23 18:51	07/25/23 13:41	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00057	mg/Kg	☼	07/20/23 18:51	07/25/23 13:41	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00072	mg/Kg	☼	07/20/23 18:51	07/25/23 13:41	1
Trichloroethene	<0.0017		0.0017	0.00057	mg/Kg	☼	07/20/23 18:51	07/25/23 13:41	1
Vinyl chloride	<0.0017		0.0017	0.00075	mg/Kg	☼	07/20/23 18:51	07/25/23 13:41	1
Xylenes, Total	<0.0034		0.0034	0.00054	mg/Kg	☼	07/20/23 18:51	07/25/23 13:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	142	S1+	75 - 131	07/20/23 18:51	07/25/23 13:41	1
Dibromofluoromethane (Surr)	112		75 - 126	07/20/23 18:51	07/25/23 13:41	1
1,2-Dichloroethane-d4 (Surr)	120		70 - 134	07/20/23 18:51	07/25/23 13:41	1
Toluene-d8 (Surr)	123		75 - 124	07/20/23 18:51	07/25/23 13:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.039	mg/Kg	☼	07/31/23 13:03	08/01/23 12:15	1
1,2-Dichlorobenzene	<0.18		0.18	0.043	mg/Kg	☼	07/31/23 13:03	08/01/23 12:15	1
1,3-Dichlorobenzene	<0.18		0.18	0.040	mg/Kg	☼	07/31/23 13:03	08/01/23 12:15	1
1,4-Dichlorobenzene	<0.18		0.18	0.046	mg/Kg	☼	07/31/23 13:03	08/01/23 12:15	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.042	mg/Kg	☼	07/31/23 13:03	08/01/23 12:15	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

Client Sample ID: RB5-4(6.5-13)-071923

Lab Sample ID: 500-236922-2

Date Collected: 07/19/23 11:15

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 89.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.36		0.36	0.082	mg/Kg	✳	07/31/23 13:03	08/01/23 12:15	1
2,4,6-Trichlorophenol	<0.36		0.36	0.12	mg/Kg	✳	07/31/23 13:03	08/01/23 12:15	1
2,4-Dichlorophenol	<0.36		0.36	0.085	mg/Kg	✳	07/31/23 13:03	08/01/23 12:15	1
2,4-Dimethylphenol	<0.36		0.36	0.14	mg/Kg	✳	07/31/23 13:03	08/01/23 12:15	1
2,4-Dinitrophenol	<0.72		0.72	0.63	mg/Kg	✳	07/31/23 13:03	08/01/23 12:15	1
2,4-Dinitrotoluene	<0.18		0.18	0.057	mg/Kg	✳	07/31/23 13:03	08/01/23 12:15	1
2,6-Dinitrotoluene	<0.18		0.18	0.070	mg/Kg	✳	07/31/23 13:03	08/01/23 12:15	1
2-Chloronaphthalene	<0.18		0.18	0.040	mg/Kg	✳	07/31/23 13:03	08/01/23 12:15	1
2-Chlorophenol	<0.18		0.18	0.061	mg/Kg	✳	07/31/23 13:03	08/01/23 12:15	1
2-Methylnaphthalene	0.0078	J	0.072	0.0066	mg/Kg	✳	07/31/23 13:03	08/01/23 12:15	1
2-Methylphenol	<0.18		0.18	0.058	mg/Kg	✳	07/31/23 13:03	08/01/23 12:15	1
2-Nitroaniline	<0.18		0.18	0.048	mg/Kg	✳	07/31/23 13:03	08/01/23 12:15	1
2-Nitrophenol	<0.36		0.36	0.085	mg/Kg	✳	07/31/23 13:03	08/01/23 12:15	1
3 & 4 Methylphenol	<0.18		0.18	0.060	mg/Kg	✳	07/31/23 13:03	08/01/23 12:15	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.050	mg/Kg	✳	07/31/23 13:03	08/01/23 12:15	1
3-Nitroaniline	<0.36		0.36	0.11	mg/Kg	✳	07/31/23 13:03	08/01/23 12:15	1
4,6-Dinitro-2-methylphenol	<0.72		0.72	0.29	mg/Kg	✳	07/31/23 13:03	08/01/23 12:15	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.047	mg/Kg	✳	07/31/23 13:03	08/01/23 12:15	1
4-Chloro-3-methylphenol	<0.36		0.36	0.12	mg/Kg	✳	07/31/23 13:03	08/01/23 12:15	1
4-Chloroaniline	<0.72		0.72	0.17	mg/Kg	✳	07/31/23 13:03	08/01/23 12:15	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.042	mg/Kg	✳	07/31/23 13:03	08/01/23 12:15	1
4-Nitroaniline	<0.36		0.36	0.15	mg/Kg	✳	07/31/23 13:03	08/01/23 12:15	1
4-Nitrophenol	<0.72		0.72	0.34	mg/Kg	✳	07/31/23 13:03	08/01/23 12:15	1
Acenaphthene	<0.036		0.036	0.0064	mg/Kg	✳	07/31/23 13:03	08/01/23 12:15	1
Acenaphthylene	<0.036		0.036	0.0047	mg/Kg	✳	07/31/23 13:03	08/01/23 12:15	1
Anthracene	<0.036		0.036	0.0060	mg/Kg	✳	07/31/23 13:03	08/01/23 12:15	1
Benzo[a]anthracene	0.0087	J	0.036	0.0048	mg/Kg	✳	07/31/23 13:03	08/01/23 12:15	1
Benzo[a]pyrene	<0.036		0.036	0.0069	mg/Kg	✳	07/31/23 13:03	08/01/23 12:15	1
Benzo[b]fluoranthene	<0.036		0.036	0.0077	mg/Kg	✳	07/31/23 13:03	08/01/23 12:15	1
Benzo[g,h,i]perylene	0.022	J	0.036	0.012	mg/Kg	✳	07/31/23 13:03	08/01/23 12:15	1
Benzo[k]fluoranthene	<0.036		0.036	0.011	mg/Kg	✳	07/31/23 13:03	08/01/23 12:15	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.037	mg/Kg	✳	07/31/23 13:03	08/01/23 12:15	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.054	mg/Kg	✳	07/31/23 13:03	08/01/23 12:15	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.066	mg/Kg	✳	07/31/23 13:03	08/01/23 12:15	1
Butyl benzyl phthalate	<0.18		0.18	0.068	mg/Kg	✳	07/31/23 13:03	08/01/23 12:15	1
Carbazole	<0.18		0.18	0.090	mg/Kg	✳	07/31/23 13:03	08/01/23 12:15	1
Chrysene	<0.036		0.036	0.0098	mg/Kg	✳	07/31/23 13:03	08/01/23 12:15	1
Dibenz(a,h)anthracene	<0.036		0.036	0.0069	mg/Kg	✳	07/31/23 13:03	08/01/23 12:15	1
Dibenzofuran	<0.18		0.18	0.042	mg/Kg	✳	07/31/23 13:03	08/01/23 12:15	1
Diethyl phthalate	<0.18		0.18	0.061	mg/Kg	✳	07/31/23 13:03	08/01/23 12:15	1
Dimethyl phthalate	<0.18		0.18	0.047	mg/Kg	✳	07/31/23 13:03	08/01/23 12:15	1
Di-n-butyl phthalate	<0.18		0.18	0.055	mg/Kg	✳	07/31/23 13:03	08/01/23 12:15	1
Di-n-octyl phthalate	<0.18		0.18	0.059	mg/Kg	✳	07/31/23 13:03	08/01/23 12:15	1
Fluoranthene	<0.036		0.036	0.0066	mg/Kg	✳	07/31/23 13:03	08/01/23 12:15	1
Fluorene	<0.036		0.036	0.0050	mg/Kg	✳	07/31/23 13:03	08/01/23 12:15	1
Hexachlorobenzene	<0.072		0.072	0.0083	mg/Kg	✳	07/31/23 13:03	08/01/23 12:15	1
Hexachlorobutadiene	<0.18		0.18	0.056	mg/Kg	✳	07/31/23 13:03	08/01/23 12:15	1
Hexachlorocyclopentadiene	<0.72		0.72	0.21	mg/Kg	✳	07/31/23 13:03	08/01/23 12:15	1
Hexachloroethane	<0.18		0.18	0.055	mg/Kg	✳	07/31/23 13:03	08/01/23 12:15	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

Client Sample ID: RB5-4(6.5-13)-071923

Lab Sample ID: 500-236922-2

Date Collected: 07/19/23 11:15

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 89.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.036		0.036	0.0093	mg/Kg	☼	07/31/23 13:03	08/01/23 12:15	1
Isophorone	<0.18		0.18	0.040	mg/Kg	☼	07/31/23 13:03	08/01/23 12:15	1
Naphthalene	<0.036		0.036	0.0055	mg/Kg	☼	07/31/23 13:03	08/01/23 12:15	1
Nitrobenzene	<0.036		0.036	0.0089	mg/Kg	☼	07/31/23 13:03	08/01/23 12:15	1
N-Nitrosodi-n-propylamine	<0.072		0.072	0.044	mg/Kg	☼	07/31/23 13:03	08/01/23 12:15	1
N-Nitrosodiphenylamine	<0.18		0.18	0.042	mg/Kg	☼	07/31/23 13:03	08/01/23 12:15	1
Pentachlorophenol	<0.72		0.72	0.58	mg/Kg	☼	07/31/23 13:03	08/01/23 12:15	1
Phenanthrene	0.026	J	0.036	0.0050	mg/Kg	☼	07/31/23 13:03	08/01/23 12:15	1
Phenol	<0.18		0.18	0.080	mg/Kg	☼	07/31/23 13:03	08/01/23 12:15	1
Pyrene	<0.036		0.036	0.0071	mg/Kg	☼	07/31/23 13:03	08/01/23 12:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	53		31 - 166	07/31/23 13:03	08/01/23 12:15	1
Phenol-d5 (Surr)	52		30 - 153	07/31/23 13:03	08/01/23 12:15	1
Nitrobenzene-d5 (Surr)	47		37 - 147	07/31/23 13:03	08/01/23 12:15	1
2-Fluorobiphenyl (Surr)	56		43 - 145	07/31/23 13:03	08/01/23 12:15	1
2,4,6-Tribromophenol (Surr)	76		31 - 143	07/31/23 13:03	08/01/23 12:15	1
Terphenyl-d14 (Surr)	72		42 - 157	07/31/23 13:03	08/01/23 12:15	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7200		20	8.3	mg/Kg	☼	07/21/23 15:18	07/24/23 23:38	1
Antimony	0.49	J	2.0	0.40	mg/Kg	☼	07/21/23 15:18	07/24/23 23:38	1
Arsenic	9.1		1.0	0.35	mg/Kg	☼	07/21/23 15:18	07/24/23 23:38	1
Barium	26		1.0	0.12	mg/Kg	☼	07/21/23 15:18	07/24/23 23:38	1
Beryllium	0.64		0.41	0.095	mg/Kg	☼	07/21/23 15:18	07/24/23 23:38	1
Cadmium	0.23	B	0.20	0.037	mg/Kg	☼	07/21/23 15:18	07/24/23 23:38	1
Calcium	60000	B	20	3.5	mg/Kg	☼	07/21/23 15:18	07/24/23 23:38	1
Chromium	13		1.0	0.51	mg/Kg	☼	07/21/23 15:18	07/24/23 23:38	1
Cobalt	11		0.51	0.13	mg/Kg	☼	07/21/23 15:18	07/24/23 23:38	1
Copper	28		1.0	0.29	mg/Kg	☼	07/21/23 15:18	07/24/23 23:38	1
Iron	17000		20	11	mg/Kg	☼	07/21/23 15:18	07/24/23 23:38	1
Lead	13		0.51	0.24	mg/Kg	☼	07/21/23 15:18	07/24/23 23:38	1
Magnesium	33000	B	10	5.1	mg/Kg	☼	07/21/23 15:18	07/24/23 23:38	1
Manganese	390	B	1.0	0.15	mg/Kg	☼	07/21/23 15:18	07/24/23 23:38	1
Nickel	28		1.0	0.30	mg/Kg	☼	07/21/23 15:18	07/24/23 23:38	1
Potassium	2100		51	18	mg/Kg	☼	07/21/23 15:18	07/24/23 23:38	1
Selenium	0.78	J	1.0	0.60	mg/Kg	☼	07/21/23 15:18	07/24/23 23:38	1
Silver	<0.51		0.51	0.13	mg/Kg	☼	07/21/23 15:18	07/24/23 23:38	1
Sodium	160		100	15	mg/Kg	☼	07/21/23 15:18	07/24/23 23:38	1
Thallium	<1.0		1.0	0.51	mg/Kg	☼	07/21/23 15:18	07/24/23 23:38	1
Vanadium	14		0.51	0.12	mg/Kg	☼	07/21/23 15:18	07/24/23 23:38	1
Zinc	58		2.0	0.90	mg/Kg	☼	07/21/23 15:18	07/24/23 23:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/24/23 16:07	07/25/23 14:51	1
Barium	0.46	J	0.50	0.050	mg/L		07/24/23 16:07	07/25/23 14:51	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/24/23 16:07	07/25/23 14:51	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/24/23 16:07	07/25/23 14:51	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

Client Sample ID: RB5-4(6.5-13)-071923

Lab Sample ID: 500-236922-2

Date Collected: 07/19/23 11:15

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 89.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 14:51	1
Cobalt	0.019	J	0.025	0.010	mg/L		07/24/23 16:07	07/25/23 14:51	1
Copper	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 14:51	1
Iron	<0.40		0.40	0.20	mg/L		07/24/23 16:07	07/25/23 14:51	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/24/23 16:07	07/25/23 14:51	1
Manganese	1.8		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 14:51	1
Nickel	0.045		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 14:51	1
Selenium	<0.050		0.050	0.020	mg/L		07/24/23 16:07	07/25/23 14:51	1
Silver	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 14:51	1
Zinc	<0.50		0.50	0.020	mg/L		07/24/23 16:07	07/25/23 14:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/24/23 16:08	07/25/23 23:50	1
Barium	<0.50		0.50	0.050	mg/L		07/24/23 16:08	07/25/23 23:50	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/24/23 16:08	07/25/23 23:50	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/24/23 16:08	07/25/23 23:50	1
Chromium	<0.025		0.025	0.010	mg/L		07/24/23 16:08	07/25/23 23:50	1
Cobalt	<0.025		0.025	0.010	mg/L		07/24/23 16:08	07/25/23 23:50	1
Copper	<0.025		0.025	0.010	mg/L		07/24/23 16:08	07/25/23 23:50	1
Iron	3.7		0.40	0.20	mg/L		07/24/23 16:08	07/25/23 23:50	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/24/23 16:08	07/25/23 23:50	1
Manganese	0.039		0.025	0.010	mg/L		07/24/23 16:08	07/25/23 23:50	1
Nickel	<0.025		0.025	0.010	mg/L		07/24/23 16:08	07/25/23 23:50	1
Selenium	<0.050		0.050	0.020	mg/L		07/24/23 16:08	07/25/23 23:50	1
Silver	<0.025		0.025	0.010	mg/L		07/24/23 16:08	07/25/23 23:50	1
Zinc	<0.50		0.50	0.020	mg/L		07/24/23 16:08	07/25/23 23:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/25/23 10:20	07/26/23 08:41	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.021		0.017	0.0092	mg/Kg	☆	07/28/23 17:10	07/31/23 11:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.9		0.2	0.2	SU			07/24/23 20:04	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

Client Sample ID: RB5-4(13-20)-071923

Lab Sample ID: 500-236922-3

Date Collected: 07/19/23 11:20

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 82.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018		0.018	0.0078	mg/Kg	✳	07/20/23 18:51	07/24/23 23:35	1
Benzene	<0.0018		0.0018	0.00046	mg/Kg	✳	07/20/23 18:51	07/24/23 23:35	1
Bromodichloromethane	<0.0018		0.0018	0.00037	mg/Kg	✳	07/20/23 18:51	07/24/23 23:35	1
Bromoform	<0.0018		0.0018	0.00053	mg/Kg	✳	07/20/23 18:51	07/24/23 23:35	1
Bromomethane	<0.0045		0.0045	0.0017	mg/Kg	✳	07/20/23 18:51	07/24/23 23:35	1
Carbon disulfide	<0.0045		0.0045	0.00094	mg/Kg	✳	07/20/23 18:51	07/24/23 23:35	1
Carbon tetrachloride	<0.0018		0.0018	0.00052	mg/Kg	✳	07/20/23 18:51	07/24/23 23:35	1
Chlorobenzene	<0.0018		0.0018	0.00066	mg/Kg	✳	07/20/23 18:51	07/24/23 23:35	1
Chloroethane	<0.0045		0.0045	0.0013	mg/Kg	✳	07/20/23 18:51	07/24/23 23:35	1
Chloroform	<0.0018		0.0018	0.00063	mg/Kg	✳	07/20/23 18:51	07/24/23 23:35	1
Chloromethane	<0.0045		0.0045	0.0018	mg/Kg	✳	07/20/23 18:51	07/24/23 23:35	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00050	mg/Kg	✳	07/20/23 18:51	07/24/23 23:35	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00054	mg/Kg	✳	07/20/23 18:51	07/24/23 23:35	1
Dibromochloromethane	<0.0018		0.0018	0.00059	mg/Kg	✳	07/20/23 18:51	07/24/23 23:35	1
1,1-Dichloroethane	<0.0018		0.0018	0.00062	mg/Kg	✳	07/20/23 18:51	07/24/23 23:35	1
1,2-Dichloroethane	<0.0045		0.0045	0.0014	mg/Kg	✳	07/20/23 18:51	07/24/23 23:35	1
1,1-Dichloroethene	<0.0018		0.0018	0.00062	mg/Kg	✳	07/20/23 18:51	07/24/23 23:35	1
1,2-Dichloropropane	<0.0018		0.0018	0.00047	mg/Kg	✳	07/20/23 18:51	07/24/23 23:35	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00063	mg/Kg	✳	07/20/23 18:51	07/24/23 23:35	1
Ethylbenzene	<0.0018		0.0018	0.00086	mg/Kg	✳	07/20/23 18:51	07/24/23 23:35	1
2-Hexanone	<0.0045		0.0045	0.0014	mg/Kg	✳	07/20/23 18:51	07/24/23 23:35	1
Methylene Chloride	<0.0045		0.0045	0.0018	mg/Kg	✳	07/20/23 18:51	07/24/23 23:35	1
Methyl Ethyl Ketone	<0.0045		0.0045	0.0020	mg/Kg	✳	07/20/23 18:51	07/24/23 23:35	1
methyl isobutyl ketone	<0.0045		0.0045	0.0013	mg/Kg	✳	07/20/23 18:51	07/24/23 23:35	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00053	mg/Kg	✳	07/20/23 18:51	07/24/23 23:35	1
Styrene	<0.0018		0.0018	0.00054	mg/Kg	✳	07/20/23 18:51	07/24/23 23:35	1
1,1,2,2-Tetrachloroethane	<0.0018	*3	0.0018	0.00058	mg/Kg	✳	07/20/23 18:51	07/24/23 23:35	1
Tetrachloroethene	<0.0018		0.0018	0.00061	mg/Kg	✳	07/20/23 18:51	07/24/23 23:35	1
Toluene	<0.0018		0.0018	0.00045	mg/Kg	✳	07/20/23 18:51	07/24/23 23:35	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00080	mg/Kg	✳	07/20/23 18:51	07/24/23 23:35	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00063	mg/Kg	✳	07/20/23 18:51	07/24/23 23:35	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00060	mg/Kg	✳	07/20/23 18:51	07/24/23 23:35	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00077	mg/Kg	✳	07/20/23 18:51	07/24/23 23:35	1
Trichloroethene	<0.0018		0.0018	0.00061	mg/Kg	✳	07/20/23 18:51	07/24/23 23:35	1
Vinyl chloride	<0.0018		0.0018	0.00080	mg/Kg	✳	07/20/23 18:51	07/24/23 23:35	1
Xylenes, Total	<0.0036		0.0036	0.00058	mg/Kg	✳	07/20/23 18:51	07/24/23 23:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	209	S1+ *3	75 - 131	07/20/23 18:51	07/24/23 23:35	1
Dibromofluoromethane (Surr)	124		75 - 126	07/20/23 18:51	07/24/23 23:35	1
1,2-Dichloroethane-d4 (Surr)	140	S1+	70 - 134	07/20/23 18:51	07/24/23 23:35	1
Toluene-d8 (Surr)	149	S1+	75 - 124	07/20/23 18:51	07/24/23 23:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.042	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
1,4-Dichlorobenzene	<0.20		0.20	0.050	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

Client Sample ID: RB5-4(13-20)-071923

Lab Sample ID: 500-236922-3

Date Collected: 07/19/23 11:20

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 82.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.090	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
2,4,6-Trichlorophenol	<0.39		0.39	0.13	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
2,4-Dichlorophenol	<0.39		0.39	0.093	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
2,4-Dinitrophenol	<0.79		0.79	0.69	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
2,4-Dinitrotoluene	<0.20		0.20	0.062	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
2,6-Dinitrotoluene	<0.20		0.20	0.077	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
2-Chloronaphthalene	<0.20		0.20	0.043	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
2-Chlorophenol	<0.20		0.20	0.067	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
2-Methylnaphthalene	0.022	J	0.079	0.0072	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
2-Nitrophenol	<0.39		0.39	0.093	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
3 & 4 Methylphenol	<0.20		0.20	0.066	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.32	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
4-Chloroaniline	<0.79		0.79	0.18	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
4-Nitroaniline	<0.39		0.39	0.16	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
4-Nitrophenol	<0.79		0.79	0.37	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
Acenaphthene	<0.039		0.039	0.0071	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
Anthracene	<0.039		0.039	0.0066	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
Benzo[a]anthracene	0.0082	J	0.039	0.0053	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
Benzo[a]pyrene	<0.039		0.039	0.0076	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
Benzo[b]fluoranthene	<0.039		0.039	0.0085	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
Benzo[g,h,i]perylene	0.019	J	0.039	0.013	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
Benzo[k]fluoranthene	<0.039		0.039	0.012	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
Butyl benzyl phthalate	<0.20		0.20	0.075	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
Carbazole	<0.20		0.20	0.098	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
Chrysene	<0.039		0.039	0.011	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
Dibenz(a,h)anthracene	<0.039		0.039	0.0076	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
Diethyl phthalate	<0.20		0.20	0.067	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
Dimethyl phthalate	<0.20		0.20	0.051	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
Fluoranthene	<0.039		0.039	0.0073	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
Fluorene	<0.039		0.039	0.0055	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
Hexachlorobenzene	<0.079		0.079	0.0091	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
Hexachlorocyclopentadiene	<0.79		0.79	0.23	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
Hexachloroethane	<0.20		0.20	0.060	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

Client Sample ID: RB5-4(13-20)-071923

Lab Sample ID: 500-236922-3

Date Collected: 07/19/23 11:20

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 82.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.039		0.039	0.010	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
Isophorone	<0.20		0.20	0.044	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
Naphthalene	0.0079	J	0.039	0.0060	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
Nitrobenzene	<0.039		0.039	0.0098	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.048	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
N-Nitrosodiphenylamine	<0.20		0.20	0.046	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
Pentachlorophenol	<0.79		0.79	0.63	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
Phenanthrene	0.018	J	0.039	0.0055	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
Phenol	<0.20		0.20	0.087	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1
Pyrene	<0.039		0.039	0.0078	mg/Kg	✳	07/31/23 13:03	08/01/23 12:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	52		31 - 166	07/31/23 13:03	08/01/23 12:37	1
Phenol-d5 (Surr)	51		30 - 153	07/31/23 13:03	08/01/23 12:37	1
Nitrobenzene-d5 (Surr)	48		37 - 147	07/31/23 13:03	08/01/23 12:37	1
2-Fluorobiphenyl (Surr)	56		43 - 145	07/31/23 13:03	08/01/23 12:37	1
2,4,6-Tribromophenol (Surr)	77		31 - 143	07/31/23 13:03	08/01/23 12:37	1
Terphenyl-d14 (Surr)	76		42 - 157	07/31/23 13:03	08/01/23 12:37	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	13000		23	9.3	mg/Kg	✳	07/21/23 15:18	07/24/23 23:49	1
Antimony	0.65	J	2.3	0.44	mg/Kg	✳	07/21/23 15:18	07/24/23 23:49	1
Arsenic	7.1		1.1	0.39	mg/Kg	✳	07/21/23 15:18	07/24/23 23:49	1
Barium	55		1.1	0.13	mg/Kg	✳	07/21/23 15:18	07/24/23 23:49	1
Beryllium	0.96		0.45	0.11	mg/Kg	✳	07/21/23 15:18	07/24/23 23:49	1
Cadmium	0.15	J B	0.23	0.041	mg/Kg	✳	07/21/23 15:18	07/24/23 23:49	1
Calcium	52000	B	23	3.9	mg/Kg	✳	07/21/23 15:18	07/24/23 23:49	1
Chromium	20		1.1	0.56	mg/Kg	✳	07/21/23 15:18	07/24/23 23:49	1
Cobalt	15		0.57	0.15	mg/Kg	✳	07/21/23 15:18	07/24/23 23:49	1
Copper	25		1.1	0.32	mg/Kg	✳	07/21/23 15:18	07/24/23 23:49	1
Iron	21000		23	12	mg/Kg	✳	07/21/23 15:18	07/24/23 23:49	1
Lead	14		0.57	0.26	mg/Kg	✳	07/21/23 15:18	07/24/23 23:49	1
Magnesium	29000	B	11	5.6	mg/Kg	✳	07/21/23 15:18	07/24/23 23:49	1
Manganese	440	B	1.1	0.16	mg/Kg	✳	07/21/23 15:18	07/24/23 23:49	1
Nickel	36		1.1	0.33	mg/Kg	✳	07/21/23 15:18	07/24/23 23:49	1
Potassium	3600		57	20	mg/Kg	✳	07/21/23 15:18	07/24/23 23:49	1
Selenium	0.85	J	1.1	0.67	mg/Kg	✳	07/21/23 15:18	07/24/23 23:49	1
Silver	<0.57		0.57	0.15	mg/Kg	✳	07/21/23 15:18	07/24/23 23:49	1
Sodium	220		110	17	mg/Kg	✳	07/21/23 15:18	07/24/23 23:49	1
Thallium	<1.1		1.1	0.57	mg/Kg	✳	07/21/23 15:18	07/24/23 23:49	1
Vanadium	22		0.57	0.13	mg/Kg	✳	07/21/23 15:18	07/24/23 23:49	1
Zinc	56		2.3	1.0	mg/Kg	✳	07/21/23 15:18	07/24/23 23:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/24/23 16:07	07/25/23 16:19	1
Barium	0.73		0.50	0.050	mg/L		07/24/23 16:07	07/25/23 16:19	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/24/23 16:07	07/25/23 16:19	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/24/23 16:07	07/25/23 16:19	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

Client Sample ID: RB5-4(13-20)-071923

Lab Sample ID: 500-236922-3

Date Collected: 07/19/23 11:20

Matrix: Solid

Date Received: 07/20/23 13:30

Percent Solids: 82.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 16:19	1
Cobalt	0.068		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 16:19	1
Copper	0.12		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 16:19	1
Iron	0.22	J	0.40	0.20	mg/L		07/24/23 16:07	07/25/23 16:19	1
Lead	0.024		0.0075	0.0075	mg/L		07/24/23 16:07	07/25/23 16:19	1
Manganese	5.3		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 16:19	1
Nickel	0.11		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 16:19	1
Selenium	<0.050		0.050	0.020	mg/L		07/24/23 16:07	07/25/23 16:19	1
Silver	<0.025		0.025	0.010	mg/L		07/24/23 16:07	07/25/23 16:19	1
Zinc	2.7		0.50	0.020	mg/L		07/24/23 16:07	07/25/23 16:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.017	J	0.050	0.010	mg/L		07/24/23 16:08	07/26/23 00:00	1
Barium	0.22	J	0.50	0.050	mg/L		07/24/23 16:08	07/26/23 00:00	1
Beryllium	0.0040		0.0040	0.0040	mg/L		07/24/23 16:08	07/26/23 00:00	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/24/23 16:08	07/26/23 00:00	1
Chromium	0.074		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:00	1
Cobalt	0.031		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:00	1
Copper	0.047		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:00	1
Iron	46		0.40	0.20	mg/L		07/24/23 16:08	07/26/23 00:00	1
Lead	0.023		0.0075	0.0075	mg/L		07/24/23 16:08	07/26/23 00:00	1
Manganese	0.49		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:00	1
Nickel	0.075		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:00	1
Selenium	<0.050		0.050	0.020	mg/L		07/24/23 16:08	07/26/23 00:00	1
Silver	<0.025		0.025	0.010	mg/L		07/24/23 16:08	07/26/23 00:00	1
Zinc	0.093	J	0.50	0.020	mg/L		07/24/23 16:08	07/26/23 00:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/25/23 10:20	07/26/23 09:29	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.024		0.018	0.0096	mg/Kg	☆	07/28/23 17:10	07/31/23 11:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.2		0.2	0.2	SU			07/24/23 20:07	1

Definitions/Glossary

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

Metals

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

Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-236922-1

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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Address _____



Chain of Custody Record

667771



Environment Testing
America

500-236922 COC

Regulatory Program: DW NPDES RCRA Other

TAL-8210

Client Contact		Project Manager: Aslesers		Site Contact: C. Davids		Date: 07/19/2023		COC No: 667771																																																																																																																																																			
Company Name: Weston Solutions, Inc.		Tel/Email:		Lab Contact: J. Knapp		Carrier:		1 of 3 COCs																																																																																																																																																			
Address: 300 Knightsbridge Drwy		Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____ <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Filtered Sample (Y/N) Perform MS/MSD (Y/N) VOCS SVOCs TOTAL METALS TCO/SP/ METALS PH		Sampler: For Lab Use Only. Walk-in Client: <input type="checkbox"/> Lab Sampling: <input type="checkbox"/>		Job / SDG No: 056 500-236922																																																																																																																																																			
City/State/Zip: Lincolnshire, IL 60069										Sample Identification		Sample Specific Notes																																																																																																																																															
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Fax:		<table border="1"> <tr> <td>1</td> <td>RB5-4 (0-6.5)-071923</td> <td>07/19/23</td> <td>1110</td> <td>G</td> <td>S</td> <td>6</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> </tr> <tr> <td>2</td> <td>RB5-4 (6.5-13)-071923</td> <td></td> <td>1115</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td>RB5-4 (13-20)-071923</td> <td></td> <td>1120</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td>ROW-1 (0-6.5)-071923</td> <td></td> <td>1150</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>5</td> <td>ROW-1 (6.5-13)-071923</td> <td></td> <td>1155</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>6</td> <td>ROW-1 (13-20)-071923</td> <td></td> <td>1200</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>7</td> <td>ROW-2 (0-6.5)-071923</td> <td></td> <td>1220</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>8</td> <td>ROW-2 (6.5-13)-071923</td> <td></td> <td>1225</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>9</td> <td>ROW-2 (13-20)-071923</td> <td></td> <td>1230</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>10</td> <td>ROW-3 (0-6.5)-071923</td> <td></td> <td>1250</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>11</td> <td>ROW-3 (6.5-13)-071923</td> <td></td> <td>1255</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>12</td> <td>ROW-3 (13-20)-071923</td> <td></td> <td>1300</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>							1	RB5-4 (0-6.5)-071923	07/19/23	1110	G	S	6	X	X	X	X		2	RB5-4 (6.5-13)-071923		1115									3	RB5-4 (13-20)-071923		1120									4	ROW-1 (0-6.5)-071923		1150									5	ROW-1 (6.5-13)-071923		1155									6	ROW-1 (13-20)-071923		1200									7	ROW-2 (0-6.5)-071923		1220									8	ROW-2 (6.5-13)-071923		1225									9	ROW-2 (13-20)-071923		1230									10	ROW-3 (0-6.5)-071923		1250									11	ROW-3 (6.5-13)-071923		1255									12	ROW-3 (13-20)-071923		1300									Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other		
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Chain of Custody Record

667771



Environment Testing
America

Address _____

Regulatory Program: DW NPDES RCRA Other

TAL-8210

Client Contact		Project Manager: / 2/25/23		Site Contact C D 1015		Date: 1		COC No _____	
Company Name <u>Weston Solutions, Inc</u>		Tel/Email: _____		Lab Contact: _____		Carrier: _____		_____ of _____ COCs	
Address <u>20 K... ..</u>		Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____ <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day							
City/State/Zip <u>... ..</u>									
Phone _____									
Fax _____									
Project Name <u>... ..</u>									
Site _____		Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)		# of Cont.	
P O # _____		Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)		# of Cont.	
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)		# of Cont.	
RE - 11 (LS) 71923		11		11		C		6	
1.1 21 (15) 71923		11		11		C		1	
KBE 4/11 (C) 71923		11		12		C		1	
... 1 (C) 71923		11		15		C		1	
K... 1 (C 1) 71923		11		15		C		1	
K... 1 (C 1) 71923		11		15		C		1	
KOW-2 (C 6S) 71923		11		20		C		1	
P... (C 15) 71923		11		25		C		1	
K... 2 (13 20) 71923		11		20		C		1	
K... 3 (1 5) 71923		11		30		C		1	
K... 3 (5 15) 71923		11		30		C		1	
K... 3 (13-20) 71923		11		30		C		1	
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4=HNO3, 5=NaOH, 6= Other									
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)				
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown					<input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months				
Special Instructions/QC Requirements & Comments.									
55+44, 48+37, 26+22									
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>11/17</u>		Received by <u>[Signature]</u>		Company <u>EETA</u>	
Relinquished by <u>[Signature]</u>		Company <u>EETA 7/20</u>		Date/Time		Received by		Company	
Relinquished by <u>[Signature]</u>		Company		Date/Time		Received in Laboratory by <u>Stephanie Hernandez</u>		Company <u>EETA</u>	
								Date/Time <u>7/20/23 1330</u>	



Chain of Custody Record

667772



Environment Testing
America

Address _____

Regulatory Program: DW NPDES RCRA Other

TAL-8210

Client Contact		Project Manager: A. Siesers		Site Contact: C. Davids		Date: 07/19/2023		COC No 667772	
Company Name Weston Solutions Inc		Tel/Email:		Lab Contact: J. Knapp		Carrier:		2 of 3 COCs	
Address 300 Knig N Bridge Pkwy		Analysis Turnaround Time		Filtered Sample (Y/N) _____ Perform MS / MSD (Y/N) _____ VOCs _____ SVOCs _____ Total Metals _____ HPLC (SPLP Metals) _____ PH _____				Sampler _____ For Lab Use Only: Walk-in Client. <input type="checkbox"/> Lab Sampling <input type="checkbox"/> Job / SDG No 056 500-236977	
City/State/Zip Lincolnshire, IL 60069		<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 056 IL-68									
Site _____									
P O # _____									
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Sample Specific Notes		
13 Row-4 (0-6.5)-071923		07/19/23	1325	G	S	6			
14 Row-4 (6.5-13)-071923			1330						
15 Row-4 (13-20)-071923			1335						
16 Row-5 (0-6.5)-071923			1350						
17 Row-5 (6.5-13)-071923			1355						
18 Row-5 (13-20)-071923			1400						
Row-6 (0-6.5)-071923			1420						
Row-6 (6.5-13)-071923			1425						
Row-7 (0-6.5)-071923			1505						
Row-7 (6.5-13)-071923			1510						
Row-7 (13-20)-071923			1515						
Row-6 (0-6.5)-071923			1420						
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other									
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)				
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown					<input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months				
Special Instructions/QC Requirements & Comments:									
Custody Seals Intact. <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temp (°C) Obs'd		Corr'd		Therm ID No	
Relinquished by		Company Weston		Date/Time 07/19/23 1325		Received by		Company EETA	
Relinquished by		Company EETA		Date/Time 7/20 1350		Received by		Date/Time	
Relinquished by		Company		Date/Time		Received in Laboratory by Stephanie Hamandey		Company EETA	
								Date/Time 7/20/23 1330	



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: FAP 342 - IL 53: From IL 68 to W. Lake Cook Road Office Phone Number, if available: _____

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

Residential Building, Southeast corner of Lake Cook Road and IL53 (ISGS Site No. 3799V-6)

City: Palatine and Arlington Heights State: IL Zip Code: _____

County: Cook Township: _____

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

Latitude: 42.15351 Longitude: - 88.01354
(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.): 44

II. Owner/Operator Information for Source Site

Site Owner

Name: Illinois Department of Transportation

Street Address: 201 W. Center Court

PO Box: _____

City: Schaumburg State: IL

Zip Code: 60196 Phone: 847-705-4627

Contact: Vanessa Ruiz

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

Site Operator

Name: Illinois Department of Transportation

Street Address: 201 W. Center Court

PO Box: _____

City: Schaumburg State: IL

Zip Code: 60196 Phone: 847-705-4627

Contact: Vanessa Ruiz

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

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

Uncontaminated Soil Certification

III. Basis for Certification and Attachments

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

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

LOCATIONS RB6-2 WAS SAMPLED ALONG ISGS SITE 3799V-6. SEE FIGURE 3-2, AND TABLE 4-1 OF THE PRELIMINARY SITE INVESTIGATION REPORT FOR SAMPLING DETAILS.

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

EUROFINS ANALYTICAL REPORT - JOB ID: 500-237048-1. ALSO SEE FIGURE 4-2 OF THE PRELIMINARY SITE INVESTIGATION REPORT.

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

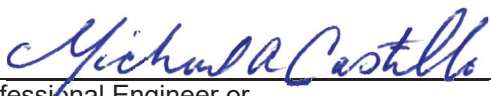
I, Michael A. Castillo, P.G. (name of licensed professional engineer or geologist) certify under penalty of law that the information submitted, including but not limited to, all attachments and other information, is to the best of my knowledge and belief, true, accurate and complete. In accordance with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

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

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

Michael A. Castillo, P.G.
Printed Name:

20 December 2023
Date:


Licensed Professional Engineer or
Licensed Professional Geologist Signature:



Summary Table - Residential Buildings (ISGS Site: 3799V-6)
FAP 342 - IL 53: From IL 68 (Dundee Road) to W. Lake Cook Road
Palatine and Arlington Heights, Cook County, Illinois

Location	Soil Reference Concentrations (MAC Table)	RB6-2	RB6-2	RB6-2
Sample Date		RB6-2(0-6.5)-072123	RB6-2(13-20)-072123	RB6-2(6.5-13)-072123
Field Sample ID		7/21/2023	7/21/2023	7/21/2023
ISGS Site No.		3799V-6	3799V-6	3799V-6
Laboratory pH	<6.25; >9.0	8.8	7.6	7.0
VOCs (mg/kg)		No Exceedances		
SVOCs (mg/kg)		No Exceedances		
Total Metals (mg/kg)				
Aluminum, Total	---	13000	8700	15000
Antimony, Total	5	0.49 J	ND	0.54 J
Arsenic, Total	11.3 / 13.0	6.5	7.3	6.9
Barium, Total	1500	53	35	93
Beryllium, Total	22	0.95	0.76	1.1
Cadmium, Total	5.2	ND	0.21 J	0.24 J
Calcium, Total	---	43000 B	55000 B	5500 B
Chromium, Total	21	19	15	21
Cobalt, Total	20	12	12	13
Copper, Total	2900	23	24	23
Iron, Total	15000 / 15900	21000	19000	21000
Lead, Total	107	13	13	20
Magnesium, Total	325000	25000	32000	5300
Manganese, Total	630 / 636	450	410	390
Mercury, Total	0.89	0.022	0.024	0.032
Nickel, Total	100	32	29	29
Potassium, Total	---	2700	2500	1800
Selenium, Total	1.3	0.73 J	ND	ND
Silver, Total	4.4	ND	ND	ND
Sodium, Total	---	1500	170	160
Thallium, Total	2.6	ND	ND	ND
Vanadium, Total	550	23	17	29
Zinc, Total	5100	54	56	65
TCLP Metals (mg/l)				
Arsenic, TCLP	0.05	ND	ND	0.011 J
Barium, TCLP	2	0.49 J	0.49 J	2.2
Beryllium, TCLP	0.004	ND	ND	ND
Cadmium, TCLP	0.005	0.0025 J	ND	0.0023 J
Chromium, TCLP	0.1	ND	ND	ND
Cobalt, TCLP	1	0.041	0.049	0.095
Copper, TCLP	0.65	ND	0.14	ND
Iron, TCLP	5	ND	0.21 J	0.21 J
Lead, TCLP	0.0075	ND	0.012	0.0089
Manganese, TCLP	0.15	7	4.7	42
Mercury, TCLP	0.002	ND	ND	ND
Nickel, TCLP	0.1	0.042	0.078	0.037
Selenium, TCLP	0.05	ND	ND	ND
Silver, TCLP	0.05	ND	ND	ND
Zinc, TCLP	5	0.026 J	0.055 J	0.05 J
SPLP Metals (mg/l)				
Arsenic, SPLP	0.05	0.078	ND	0.03 J
Barium, SPLP	2	0.66	ND	0.36 J
Beryllium, SPLP	0.004	0.011	ND	ND
Cadmium, SPLP	0.005	ND	ND	ND
Chromium, SPLP	0.1	0.21	ND	0.074
Cobalt, SPLP	1	0.062	ND	0.023 J
Copper, SPLP	0.65	0.22	ND	0.077
Iron, SPLP	5	210	1.2	61
Lead, SPLP	0.0075	0.11	ND	0.046
Manganese, SPLP	0.15	0.99	0.037	0.51
Mercury, SPLP	0.002	ND	ND	ND
Nickel, SPLP	0.1	0.24	ND	0.065
Selenium, SPLP	0.05	ND	ND	ND
Silver, SPLP	0.05	ND	ND	ND
Zinc, SPLP	5	0.56	ND	0.16 J

Notes:

--- - not applicable or value not available.

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

ND - Constituent not detected above the reporting limit.

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

J - Estimated concentration.

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

 **ANALYTICAL REPORT****PREPARED FOR**

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

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JOB DESCRIPTION

IDOT - FAP 342 IL 53 - WO 056

JOB NUMBER

500-237048-1

Eurofins Chicago

Job Notes

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

Authorization



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Authorized for release by
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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237048-1

Client Sample ID: RB6-2(0-6.5)-072123

Lab Sample ID: 500-237048-4

Date Collected: 07/21/23 13:25

Matrix: Solid

Date Received: 07/21/23 16:30

Percent Solids: 84.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018		0.018	0.0076	mg/Kg	☼	07/21/23 18:05	07/27/23 14:26	1
Benzene	<0.0018		0.0018	0.00045	mg/Kg	☼	07/21/23 18:05	07/27/23 14:26	1
Bromodichloromethane	<0.0018		0.0018	0.00036	mg/Kg	☼	07/21/23 18:05	07/27/23 14:26	1
Bromoform	<0.0018		0.0018	0.00051	mg/Kg	☼	07/21/23 18:05	07/27/23 14:26	1
Bromomethane	<0.0044		0.0044	0.0017	mg/Kg	☼	07/21/23 18:05	07/27/23 14:26	1
Carbon disulfide	<0.0044		0.0044	0.00091	mg/Kg	☼	07/21/23 18:05	07/27/23 14:26	1
Carbon tetrachloride	<0.0018		0.0018	0.00051	mg/Kg	☼	07/21/23 18:05	07/27/23 14:26	1
Chlorobenzene	<0.0018		0.0018	0.00065	mg/Kg	☼	07/21/23 18:05	07/27/23 14:26	1
Chloroethane	<0.0044		0.0044	0.0013	mg/Kg	☼	07/21/23 18:05	07/27/23 14:26	1
Chloroform	<0.0018		0.0018	0.00061	mg/Kg	☼	07/21/23 18:05	07/27/23 14:26	1
Chloromethane	<0.0044		0.0044	0.0018	mg/Kg	☼	07/21/23 18:05	07/27/23 14:26	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00049	mg/Kg	☼	07/21/23 18:05	07/27/23 14:26	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00053	mg/Kg	☼	07/21/23 18:05	07/27/23 14:26	1
Dibromochloromethane	<0.0018		0.0018	0.00057	mg/Kg	☼	07/21/23 18:05	07/27/23 14:26	1
1,1-Dichloroethane	<0.0018		0.0018	0.00060	mg/Kg	☼	07/21/23 18:05	07/27/23 14:26	1
1,2-Dichloroethane	<0.0044		0.0044	0.0014	mg/Kg	☼	07/21/23 18:05	07/27/23 14:26	1
1,1-Dichloroethene	<0.0018		0.0018	0.00060	mg/Kg	☼	07/21/23 18:05	07/27/23 14:26	1
1,2-Dichloropropane	<0.0018		0.0018	0.00045	mg/Kg	☼	07/21/23 18:05	07/27/23 14:26	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00062	mg/Kg	☼	07/21/23 18:05	07/27/23 14:26	1
Ethylbenzene	<0.0018		0.0018	0.00084	mg/Kg	☼	07/21/23 18:05	07/27/23 14:26	1
2-Hexanone	<0.0044		0.0044	0.0014	mg/Kg	☼	07/21/23 18:05	07/27/23 14:26	1
Methylene Chloride	<0.0044		0.0044	0.0017	mg/Kg	☼	07/21/23 18:05	07/27/23 14:26	1
Methyl Ethyl Ketone	<0.0044		0.0044	0.0019	mg/Kg	☼	07/21/23 18:05	07/27/23 14:26	1
methyl isobutyl ketone	<0.0044		0.0044	0.0013	mg/Kg	☼	07/21/23 18:05	07/27/23 14:26	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00052	mg/Kg	☼	07/21/23 18:05	07/27/23 14:26	1
Styrene	<0.0018		0.0018	0.00053	mg/Kg	☼	07/21/23 18:05	07/27/23 14:26	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00056	mg/Kg	☼	07/21/23 18:05	07/27/23 14:26	1
Tetrachloroethene	<0.0018		0.0018	0.00060	mg/Kg	☼	07/21/23 18:05	07/27/23 14:26	1
Toluene	<0.0018		0.0018	0.00044	mg/Kg	☼	07/21/23 18:05	07/27/23 14:26	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00078	mg/Kg	☼	07/21/23 18:05	07/27/23 14:26	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00062	mg/Kg	☼	07/21/23 18:05	07/27/23 14:26	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00059	mg/Kg	☼	07/21/23 18:05	07/27/23 14:26	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00075	mg/Kg	☼	07/21/23 18:05	07/27/23 14:26	1
Trichloroethene	<0.0018		0.0018	0.00059	mg/Kg	☼	07/21/23 18:05	07/27/23 14:26	1
Vinyl chloride	<0.0018		0.0018	0.00078	mg/Kg	☼	07/21/23 18:05	07/27/23 14:26	1
Xylenes, Total	<0.0035		0.0035	0.00056	mg/Kg	☼	07/21/23 18:05	07/27/23 14:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		75 - 131	07/21/23 18:05	07/27/23 14:26	1
Dibromofluoromethane (Surr)	110		75 - 126	07/21/23 18:05	07/27/23 14:26	1
1,2-Dichloroethane-d4 (Surr)	122		70 - 134	07/21/23 18:05	07/27/23 14:26	1
Toluene-d8 (Surr)	119		75 - 124	07/21/23 18:05	07/27/23 14:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.042	mg/Kg	☼	07/26/23 13:27	07/27/23 18:12	1
1,2-Dichlorobenzene	<0.20		0.20	0.046	mg/Kg	☼	07/26/23 13:27	07/27/23 18:12	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	07/26/23 13:27	07/27/23 18:12	1
1,4-Dichlorobenzene	<0.20		0.20	0.050	mg/Kg	☼	07/26/23 13:27	07/27/23 18:12	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.045	mg/Kg	☼	07/26/23 13:27	07/27/23 18:12	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237048-1

Client Sample ID: RB6-2(0-6.5)-072123

Lab Sample ID: 500-237048-4

Date Collected: 07/21/23 13:25

Matrix: Solid

Date Received: 07/21/23 16:30

Percent Solids: 84.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.089	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
2,4,6-Trichlorophenol	<0.39		0.39	0.13	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
2,4-Dichlorophenol	<0.39		0.39	0.092	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
2,4-Dinitrophenol	<0.78		0.78	0.69	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
2,4-Dinitrotoluene	<0.20		0.20	0.062	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
2,6-Dinitrotoluene	<0.20		0.20	0.076	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
2-Chloronaphthalene	<0.20		0.20	0.043	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
2-Chlorophenol	<0.20		0.20	0.066	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
2-Methylnaphthalene	<0.078		0.078	0.0072	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
2-Methylphenol	<0.20		0.20	0.062	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
2-Nitroaniline	<0.20		0.20	0.052	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
2-Nitrophenol	<0.39		0.39	0.092	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
3 & 4 Methylphenol	<0.20		0.20	0.065	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.054	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
4,6-Dinitro-2-methylphenol	<0.78		0.78	0.31	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.051	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
4-Chloroaniline	<0.78		0.78	0.18	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.045	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
4-Nitroaniline	<0.39		0.39	0.16	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
4-Nitrophenol	<0.78		0.78	0.37	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
Acenaphthene	<0.039		0.039	0.0070	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
Acenaphthylene	<0.039		0.039	0.0051	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
Anthracene	<0.039		0.039	0.0065	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
Benzo[a]anthracene	<0.039		0.039	0.0052	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
Benzo[a]pyrene	<0.039		0.039	0.0075	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
Benzo[b]fluoranthene	<0.039		0.039	0.0084	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
Benzo[g,h,i]perylene	<0.039		0.039	0.013	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
Benzo[k]fluoranthene	<0.039		0.039	0.011	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.058	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.071	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
Butyl benzyl phthalate	<0.20		0.20	0.074	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
Carbazole	<0.20		0.20	0.097	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
Chrysene	<0.039		0.039	0.011	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
Dibenz(a,h)anthracene	<0.039		0.039	0.0075	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
Diethyl phthalate	<0.20		0.20	0.066	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
Dimethyl phthalate	<0.20		0.20	0.051	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
Di-n-butyl phthalate	<0.20		0.20	0.059	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
Di-n-octyl phthalate	<0.20		0.20	0.063	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
Fluoranthene	0.015	J	0.039	0.0072	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
Fluorene	<0.039		0.039	0.0055	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
Hexachlorobenzene	<0.078		0.078	0.0090	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
Hexachlorobutadiene	<0.20		0.20	0.061	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
Hexachlorocyclopentadiene	<0.78		0.78	0.22	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
Hexachloroethane	<0.20		0.20	0.059	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237048-1

Client Sample ID: RB6-2(0-6.5)-072123

Lab Sample ID: 500-237048-4

Date Collected: 07/21/23 13:25

Matrix: Solid

Date Received: 07/21/23 16:30

Percent Solids: 84.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.039		0.039	0.010	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
Isophorone	<0.20		0.20	0.044	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
Naphthalene	<0.039		0.039	0.0060	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
Nitrobenzene	<0.039		0.039	0.0097	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
N-Nitrosodi-n-propylamine	<0.078		0.078	0.048	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
N-Nitrosodiphenylamine	<0.20		0.20	0.046	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
Pentachlorophenol	<0.78		0.78	0.62	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
Phenanthrene	<0.039		0.039	0.0054	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
Phenol	<0.20		0.20	0.086	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1
Pyrene	0.012	J	0.039	0.0077	mg/Kg	✳	07/26/23 13:27	07/27/23 18:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	78		31 - 166	07/26/23 13:27	07/27/23 18:12	1
Phenol-d5 (Surr)	85		30 - 153	07/26/23 13:27	07/27/23 18:12	1
Nitrobenzene-d5 (Surr)	88		37 - 147	07/26/23 13:27	07/27/23 18:12	1
2-Fluorobiphenyl (Surr)	80		43 - 145	07/26/23 13:27	07/27/23 18:12	1
2,4,6-Tribromophenol (Surr)	73		31 - 143	07/26/23 13:27	07/27/23 18:12	1
Terphenyl-d14 (Surr)	79		42 - 157	07/26/23 13:27	07/27/23 18:12	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	13000		23	9.2	mg/Kg	✳	07/25/23 15:14	07/26/23 13:45	1
Antimony	0.49	J	2.3	0.44	mg/Kg	✳	07/25/23 15:14	07/26/23 13:45	1
Arsenic	6.5		1.1	0.39	mg/Kg	✳	07/25/23 15:14	07/26/23 13:45	1
Barium	53		1.1	0.13	mg/Kg	✳	07/25/23 15:14	07/26/23 13:45	1
Beryllium	0.95		0.45	0.11	mg/Kg	✳	07/25/23 15:14	07/26/23 13:45	1
Cadmium	0.19	J B	0.23	0.041	mg/Kg	✳	07/25/23 15:14	07/26/23 13:45	1
Calcium	43000	B	23	3.8	mg/Kg	✳	07/25/23 15:14	07/26/23 13:45	1
Chromium	19		1.1	0.56	mg/Kg	✳	07/25/23 15:14	07/26/23 13:45	1
Cobalt	12		0.56	0.15	mg/Kg	✳	07/25/23 15:14	07/26/23 13:45	1
Copper	23		1.1	0.32	mg/Kg	✳	07/25/23 15:14	07/26/23 13:45	1
Iron	21000		23	12	mg/Kg	✳	07/25/23 15:14	07/26/23 13:45	1
Lead	13		0.56	0.26	mg/Kg	✳	07/25/23 15:14	07/26/23 13:45	1
Magnesium	25000		11	5.6	mg/Kg	✳	07/25/23 15:14	07/26/23 13:45	1
Manganese	450		1.1	0.16	mg/Kg	✳	07/25/23 15:14	07/26/23 13:45	1
Nickel	32		1.1	0.33	mg/Kg	✳	07/25/23 15:14	07/26/23 13:45	1
Potassium	2700		56	20	mg/Kg	✳	07/25/23 15:14	07/26/23 13:45	1
Selenium	0.73	J	1.1	0.66	mg/Kg	✳	07/25/23 15:14	07/26/23 13:45	1
Silver	<0.56		0.56	0.15	mg/Kg	✳	07/25/23 15:14	07/26/23 13:45	1
Sodium	1500		110	17	mg/Kg	✳	07/25/23 15:14	07/26/23 13:45	1
Thallium	<1.1		1.1	0.56	mg/Kg	✳	07/25/23 15:14	07/26/23 13:45	1
Vanadium	23		0.56	0.13	mg/Kg	✳	07/25/23 15:14	07/26/23 13:45	1
Zinc	54		2.3	0.99	mg/Kg	✳	07/25/23 15:14	07/26/23 13:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/25/23 16:12	07/26/23 17:16	1
Barium	0.49	J	0.50	0.050	mg/L		07/25/23 16:12	07/26/23 17:16	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/25/23 16:12	07/26/23 17:16	1
Cadmium	0.0025	J	0.0050	0.0020	mg/L		07/25/23 16:12	07/26/23 17:16	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237048-1

Client Sample ID: RB6-2(0-6.5)-072123

Lab Sample ID: 500-237048-4

Date Collected: 07/21/23 13:25

Matrix: Solid

Date Received: 07/21/23 16:30

Percent Solids: 84.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/25/23 16:12	07/26/23 17:16	1
Cobalt	0.041		0.025	0.010	mg/L		07/25/23 16:12	07/26/23 17:16	1
Copper	<0.025		0.025	0.010	mg/L		07/25/23 16:12	07/26/23 17:16	1
Iron	<0.40		0.40	0.20	mg/L		07/25/23 16:12	07/27/23 21:01	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/25/23 16:12	07/26/23 17:16	1
Manganese	7.0		0.025	0.010	mg/L		07/25/23 16:12	07/26/23 17:16	1
Nickel	0.042		0.025	0.010	mg/L		07/25/23 16:12	07/26/23 17:16	1
Selenium	<0.050		0.050	0.020	mg/L		07/25/23 16:12	07/26/23 17:16	1
Silver	<0.025		0.025	0.010	mg/L		07/25/23 16:12	07/26/23 17:16	1
Zinc	0.026 J		0.50	0.020	mg/L		07/25/23 16:12	07/26/23 17:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.078		0.050	0.010	mg/L		07/25/23 16:13	07/26/23 22:09	1
Barium	0.66		0.50	0.050	mg/L		07/25/23 16:13	07/26/23 22:09	1
Beryllium	0.011		0.0040	0.0040	mg/L		07/25/23 16:13	07/26/23 22:09	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/25/23 16:13	07/26/23 22:09	1
Chromium	0.21		0.025	0.010	mg/L		07/25/23 16:13	07/26/23 22:09	1
Cobalt	0.062		0.025	0.010	mg/L		07/25/23 16:13	07/26/23 22:09	1
Copper	0.22		0.025	0.010	mg/L		07/25/23 16:13	07/26/23 22:09	1
Iron	210		0.40	0.20	mg/L		07/25/23 16:13	07/26/23 22:09	1
Lead	0.11		0.0075	0.0075	mg/L		07/25/23 16:13	07/26/23 22:09	1
Manganese	0.99		0.025	0.010	mg/L		07/25/23 16:13	07/26/23 22:09	1
Nickel	0.24		0.025	0.010	mg/L		07/25/23 16:13	07/26/23 22:09	1
Selenium	<0.050		0.050	0.020	mg/L		07/25/23 16:13	07/26/23 22:09	1
Silver	<0.025		0.025	0.010	mg/L		07/25/23 16:13	07/26/23 22:09	1
Zinc	0.56		0.50	0.020	mg/L		07/25/23 16:13	07/26/23 22:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/26/23 10:05	07/27/23 09:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/31/23 12:20	08/01/23 11:01	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.022		0.018	0.0097	mg/Kg	☼	07/28/23 17:10	07/31/23 08:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.8		0.2	0.2	SU			07/26/23 19:27	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237048-1

Client Sample ID: RB6-2(6.5-13)-072123

Lab Sample ID: 500-237048-5

Date Collected: 07/21/23 13:30

Matrix: Solid

Date Received: 07/21/23 16:30

Percent Solids: 78.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.047		0.020	0.0087	mg/Kg	☼	07/21/23 18:05	07/27/23 15:15	1
Benzene	<0.0020		0.0020	0.00051	mg/Kg	☼	07/21/23 18:05	07/27/23 15:15	1
Bromodichloromethane	<0.0020		0.0020	0.00041	mg/Kg	☼	07/21/23 18:05	07/27/23 15:15	1
Bromoform	<0.0020		0.0020	0.00059	mg/Kg	☼	07/21/23 18:05	07/27/23 15:15	1
Bromomethane	<0.0050		0.0050	0.0019	mg/Kg	☼	07/21/23 18:05	07/27/23 15:15	1
Carbon disulfide	<0.0050		0.0050	0.0010	mg/Kg	☼	07/21/23 18:05	07/27/23 15:15	1
Carbon tetrachloride	<0.0020		0.0020	0.00058	mg/Kg	☼	07/21/23 18:05	07/27/23 15:15	1
Chlorobenzene	<0.0020		0.0020	0.00074	mg/Kg	☼	07/21/23 18:05	07/27/23 15:15	1
Chloroethane	<0.0050		0.0050	0.0015	mg/Kg	☼	07/21/23 18:05	07/27/23 15:15	1
Chloroform	<0.0020		0.0020	0.00070	mg/Kg	☼	07/21/23 18:05	07/27/23 15:15	1
Chloromethane	<0.0050		0.0050	0.0020	mg/Kg	☼	07/21/23 18:05	07/27/23 15:15	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00056	mg/Kg	☼	07/21/23 18:05	07/27/23 15:15	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00060	mg/Kg	☼	07/21/23 18:05	07/27/23 15:15	1
Dibromochloromethane	<0.0020		0.0020	0.00066	mg/Kg	☼	07/21/23 18:05	07/27/23 15:15	1
1,1-Dichloroethane	<0.0020		0.0020	0.00069	mg/Kg	☼	07/21/23 18:05	07/27/23 15:15	1
1,2-Dichloroethane	<0.0050		0.0050	0.0016	mg/Kg	☼	07/21/23 18:05	07/27/23 15:15	1
1,1-Dichloroethene	<0.0020		0.0020	0.00069	mg/Kg	☼	07/21/23 18:05	07/27/23 15:15	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg	☼	07/21/23 18:05	07/27/23 15:15	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00070	mg/Kg	☼	07/21/23 18:05	07/27/23 15:15	1
Ethylbenzene	<0.0020		0.0020	0.00096	mg/Kg	☼	07/21/23 18:05	07/27/23 15:15	1
2-Hexanone	<0.0050		0.0050	0.0016	mg/Kg	☼	07/21/23 18:05	07/27/23 15:15	1
Methylene Chloride	<0.0050		0.0050	0.0020	mg/Kg	☼	07/21/23 18:05	07/27/23 15:15	1
Methyl Ethyl Ketone	0.0082		0.0050	0.0022	mg/Kg	☼	07/21/23 18:05	07/27/23 15:15	1
methyl isobutyl ketone	<0.0050		0.0050	0.0015	mg/Kg	☼	07/21/23 18:05	07/27/23 15:15	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00059	mg/Kg	☼	07/21/23 18:05	07/27/23 15:15	1
Styrene	<0.0020		0.0020	0.00061	mg/Kg	☼	07/21/23 18:05	07/27/23 15:15	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00064	mg/Kg	☼	07/21/23 18:05	07/27/23 15:15	1
Tetrachloroethene	<0.0020		0.0020	0.00068	mg/Kg	☼	07/21/23 18:05	07/27/23 15:15	1
Toluene	<0.0020		0.0020	0.00051	mg/Kg	☼	07/21/23 18:05	07/27/23 15:15	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00089	mg/Kg	☼	07/21/23 18:05	07/27/23 15:15	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00070	mg/Kg	☼	07/21/23 18:05	07/27/23 15:15	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00067	mg/Kg	☼	07/21/23 18:05	07/27/23 15:15	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00086	mg/Kg	☼	07/21/23 18:05	07/27/23 15:15	1
Trichloroethene	<0.0020		0.0020	0.00068	mg/Kg	☼	07/21/23 18:05	07/27/23 15:15	1
Vinyl chloride	<0.0020		0.0020	0.00089	mg/Kg	☼	07/21/23 18:05	07/27/23 15:15	1
Xylenes, Total	<0.0040		0.0040	0.00064	mg/Kg	☼	07/21/23 18:05	07/27/23 15:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		75 - 131	07/21/23 18:05	07/27/23 15:15	1
Dibromofluoromethane (Surr)	114		75 - 126	07/21/23 18:05	07/27/23 15:15	1
1,2-Dichloroethane-d4 (Surr)	122		70 - 134	07/21/23 18:05	07/27/23 15:15	1
Toluene-d8 (Surr)	122		75 - 124	07/21/23 18:05	07/27/23 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.21		0.21	0.045	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
1,2-Dichlorobenzene	<0.21		0.21	0.050	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
1,3-Dichlorobenzene	<0.21		0.21	0.047	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
1,4-Dichlorobenzene	<0.21		0.21	0.054	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
2,2'-oxybis[1-chloropropane]	<0.21		0.21	0.049	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237048-1

Client Sample ID: RB6-2(6.5-13)-072123

Lab Sample ID: 500-237048-5

Date Collected: 07/21/23 13:30

Matrix: Solid

Date Received: 07/21/23 16:30

Percent Solids: 78.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.42		0.42	0.096	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
2,4,6-Trichlorophenol	<0.42		0.42	0.14	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
2,4-Dichlorophenol	<0.42		0.42	0.10	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
2,4-Dimethylphenol	<0.42		0.42	0.16	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
2,4-Dinitrophenol	<0.85		0.85	0.74	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
2,4-Dinitrotoluene	<0.21		0.21	0.067	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
2,6-Dinitrotoluene	<0.21		0.21	0.083	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
2-Chloronaphthalene	<0.21		0.21	0.046	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
2-Chlorophenol	<0.21		0.21	0.072	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
2-Methylnaphthalene	<0.085		0.085	0.0077	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
2-Methylphenol	<0.21		0.21	0.067	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
2-Nitroaniline	<0.21		0.21	0.056	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
2-Nitrophenol	<0.42		0.42	0.099	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
3 & 4 Methylphenol	<0.21		0.21	0.070	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
3,3'-Dichlorobenzidine	<0.21		0.21	0.059	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
3-Nitroaniline	<0.42		0.42	0.13	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
4,6-Dinitro-2-methylphenol	<0.85		0.85	0.34	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
4-Bromophenyl phenyl ether	<0.21		0.21	0.055	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
4-Chloro-3-methylphenol	<0.42		0.42	0.14	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
4-Chloroaniline	<0.85		0.85	0.20	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
4-Chlorophenyl phenyl ether	<0.21		0.21	0.049	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
4-Nitroaniline	<0.42		0.42	0.18	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
4-Nitrophenol	<0.85		0.85	0.40	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
Acenaphthene	<0.042		0.042	0.0075	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
Acenaphthylene	<0.042		0.042	0.0055	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
Anthracene	<0.042		0.042	0.0070	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
Benzo[a]anthracene	<0.042		0.042	0.0056	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
Benzo[a]pyrene	<0.042		0.042	0.0081	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
Benzo[b]fluoranthene	<0.042		0.042	0.0091	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
Benzo[g,h,i]perylene	<0.042		0.042	0.014	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
Benzo[k]fluoranthene	<0.042		0.042	0.012	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
Bis(2-chloroethoxy)methane	<0.21		0.21	0.043	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
Bis(2-chloroethyl)ether	<0.21		0.21	0.063	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
Bis(2-ethylhexyl) phthalate	<0.21		0.21	0.077	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
Butyl benzyl phthalate	<0.21		0.21	0.080	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
Carbazole	<0.21		0.21	0.10	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
Chrysene	<0.042		0.042	0.011	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
Dibenz(a,h)anthracene	<0.042		0.042	0.0081	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
Dibenzofuran	<0.21		0.21	0.049	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
Diethyl phthalate	<0.21		0.21	0.071	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
Dimethyl phthalate	<0.21		0.21	0.055	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
Di-n-butyl phthalate	<0.21		0.21	0.064	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
Di-n-octyl phthalate	<0.21		0.21	0.068	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
Fluoranthene	<0.042		0.042	0.0078	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
Fluorene	<0.042		0.042	0.0059	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
Hexachlorobenzene	<0.085		0.085	0.0097	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
Hexachlorobutadiene	<0.21		0.21	0.066	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
Hexachlorocyclopentadiene	<0.85		0.85	0.24	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1
Hexachloroethane	<0.21		0.21	0.064	mg/Kg	☼	07/26/23 13:27	07/27/23 15:17	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237048-1

Client Sample ID: RB6-2(6.5-13)-072123

Lab Sample ID: 500-237048-5

Date Collected: 07/21/23 13:30

Matrix: Solid

Date Received: 07/21/23 16:30

Percent Solids: 78.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.042		0.042	0.011	mg/Kg	✳	07/26/23 13:27	07/27/23 15:17	1
Isophorone	<0.21		0.21	0.047	mg/Kg	✳	07/26/23 13:27	07/27/23 15:17	1
Naphthalene	<0.042		0.042	0.0065	mg/Kg	✳	07/26/23 13:27	07/27/23 15:17	1
Nitrobenzene	<0.042		0.042	0.010	mg/Kg	✳	07/26/23 13:27	07/27/23 15:17	1
N-Nitrosodi-n-propylamine	<0.085		0.085	0.051	mg/Kg	✳	07/26/23 13:27	07/27/23 15:17	1
N-Nitrosodiphenylamine	<0.21		0.21	0.050	mg/Kg	✳	07/26/23 13:27	07/27/23 15:17	1
Pentachlorophenol	<0.85		0.85	0.67	mg/Kg	✳	07/26/23 13:27	07/27/23 15:17	1
Phenanthrene	<0.042		0.042	0.0059	mg/Kg	✳	07/26/23 13:27	07/27/23 15:17	1
Phenol	<0.21		0.21	0.093	mg/Kg	✳	07/26/23 13:27	07/27/23 15:17	1
Pyrene	<0.042		0.042	0.0083	mg/Kg	✳	07/26/23 13:27	07/27/23 15:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	65		31 - 166	07/26/23 13:27	07/27/23 15:17	1
Phenol-d5 (Surr)	71		30 - 153	07/26/23 13:27	07/27/23 15:17	1
Nitrobenzene-d5 (Surr)	72		37 - 147	07/26/23 13:27	07/27/23 15:17	1
2-Fluorobiphenyl (Surr)	65		43 - 145	07/26/23 13:27	07/27/23 15:17	1
2,4,6-Tribromophenol (Surr)	66		31 - 143	07/26/23 13:27	07/27/23 15:17	1
Terphenyl-d14 (Surr)	68		42 - 157	07/26/23 13:27	07/27/23 15:17	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	15000		23	9.6	mg/Kg	✳	07/25/23 15:14	07/26/23 13:49	1
Antimony	0.54	J	2.3	0.46	mg/Kg	✳	07/25/23 15:14	07/26/23 13:49	1
Arsenic	6.9		1.2	0.40	mg/Kg	✳	07/25/23 15:14	07/26/23 13:49	1
Barium	93		1.2	0.13	mg/Kg	✳	07/25/23 15:14	07/26/23 13:49	1
Beryllium	1.1		0.47	0.11	mg/Kg	✳	07/25/23 15:14	07/26/23 13:49	1
Cadmium	0.24	B	0.23	0.042	mg/Kg	✳	07/25/23 15:14	07/26/23 13:49	1
Calcium	5500	B	23	4.0	mg/Kg	✳	07/25/23 15:14	07/26/23 13:49	1
Chromium	21		1.2	0.58	mg/Kg	✳	07/25/23 15:14	07/26/23 13:49	1
Cobalt	13		0.59	0.15	mg/Kg	✳	07/25/23 15:14	07/26/23 13:49	1
Copper	23		1.2	0.33	mg/Kg	✳	07/25/23 15:14	07/26/23 13:49	1
Iron	21000		23	12	mg/Kg	✳	07/25/23 15:14	07/26/23 13:49	1
Lead	20		0.59	0.27	mg/Kg	✳	07/25/23 15:14	07/26/23 13:49	1
Magnesium	5300		12	5.8	mg/Kg	✳	07/25/23 15:14	07/26/23 13:49	1
Manganese	390		1.2	0.17	mg/Kg	✳	07/25/23 15:14	07/26/23 13:49	1
Nickel	29		1.2	0.34	mg/Kg	✳	07/25/23 15:14	07/26/23 13:49	1
Potassium	1800		59	21	mg/Kg	✳	07/25/23 15:14	07/26/23 13:49	1
Selenium	<1.2		1.2	0.69	mg/Kg	✳	07/25/23 15:14	07/26/23 13:49	1
Silver	<0.59		0.59	0.15	mg/Kg	✳	07/25/23 15:14	07/26/23 13:49	1
Sodium	160		120	17	mg/Kg	✳	07/25/23 15:14	07/26/23 13:49	1
Thallium	<1.2		1.2	0.58	mg/Kg	✳	07/25/23 15:14	07/26/23 13:49	1
Vanadium	29		0.59	0.14	mg/Kg	✳	07/25/23 15:14	07/26/23 13:49	1
Zinc	65		2.3	1.0	mg/Kg	✳	07/25/23 15:14	07/26/23 13:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.011	J	0.050	0.010	mg/L		07/25/23 16:12	07/26/23 16:03	1
Barium	2.2		0.50	0.050	mg/L		07/25/23 16:12	07/26/23 16:03	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/25/23 16:12	07/26/23 16:03	1
Cadmium	0.0023	J	0.0050	0.0020	mg/L		07/25/23 16:12	07/26/23 16:03	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237048-1

Client Sample ID: RB6-2(6.5-13)-072123

Lab Sample ID: 500-237048-5

Date Collected: 07/21/23 13:30

Matrix: Solid

Date Received: 07/21/23 16:30

Percent Solids: 78.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/25/23 16:12	07/26/23 16:03	1
Cobalt	0.095		0.025	0.010	mg/L		07/25/23 16:12	07/26/23 16:03	1
Copper	<0.025		0.025	0.010	mg/L		07/25/23 16:12	07/26/23 16:03	1
Iron	0.21	J	0.40	0.20	mg/L		07/27/23 17:03	07/28/23 16:45	1
Lead	0.0089		0.0075	0.0075	mg/L		07/25/23 16:12	07/26/23 16:03	1
Manganese	42		0.025	0.010	mg/L		07/25/23 16:12	07/26/23 16:03	1
Nickel	0.037		0.025	0.010	mg/L		07/25/23 16:12	07/26/23 16:03	1
Selenium	<0.050		0.050	0.020	mg/L		07/25/23 16:12	07/26/23 16:03	1
Silver	<0.025		0.025	0.010	mg/L		07/25/23 16:12	07/26/23 16:03	1
Zinc	0.050	J	0.50	0.020	mg/L		07/25/23 16:12	07/26/23 16:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.030	J	0.050	0.010	mg/L		07/25/23 16:13	07/26/23 22:12	1
Barium	0.36	J	0.50	0.050	mg/L		07/25/23 16:13	07/26/23 22:12	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/25/23 16:13	07/26/23 22:12	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/25/23 16:13	07/26/23 22:12	1
Chromium	0.074		0.025	0.010	mg/L		07/25/23 16:13	07/26/23 22:12	1
Cobalt	0.023	J	0.025	0.010	mg/L		07/25/23 16:13	07/26/23 22:12	1
Copper	0.077		0.025	0.010	mg/L		07/25/23 16:13	07/26/23 22:12	1
Iron	61		0.40	0.20	mg/L		07/25/23 16:13	07/26/23 22:12	1
Lead	0.046		0.0075	0.0075	mg/L		07/25/23 16:13	07/26/23 22:12	1
Manganese	0.51		0.025	0.010	mg/L		07/25/23 16:13	07/26/23 22:12	1
Nickel	0.065		0.025	0.010	mg/L		07/25/23 16:13	07/26/23 22:12	1
Selenium	<0.050		0.050	0.020	mg/L		07/25/23 16:13	07/26/23 22:12	1
Silver	<0.025		0.025	0.010	mg/L		07/25/23 16:13	07/26/23 22:12	1
Zinc	0.16	J	0.50	0.020	mg/L		07/25/23 16:13	07/26/23 22:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/26/23 10:05	07/27/23 08:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/31/23 12:20	08/01/23 11:08	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.032		0.020	0.011	mg/Kg	☼	07/28/23 17:10	07/31/23 08:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.0		0.2	0.2	SU			07/26/23 19:30	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237048-1

Client Sample ID: RB6-2(13-20)-072123

Lab Sample ID: 500-237048-6

Date Collected: 07/21/23 13:35

Matrix: Solid

Date Received: 07/21/23 16:30

Percent Solids: 85.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018		0.018	0.0076	mg/Kg	✳	07/21/23 18:05	07/27/23 15:39	1
Benzene	<0.0018		0.0018	0.00045	mg/Kg	✳	07/21/23 18:05	07/27/23 15:39	1
Bromodichloromethane	<0.0018		0.0018	0.00036	mg/Kg	✳	07/21/23 18:05	07/27/23 15:39	1
Bromoform	<0.0018		0.0018	0.00051	mg/Kg	✳	07/21/23 18:05	07/27/23 15:39	1
Bromomethane	<0.0044		0.0044	0.0017	mg/Kg	✳	07/21/23 18:05	07/27/23 15:39	1
Carbon disulfide	<0.0044		0.0044	0.00091	mg/Kg	✳	07/21/23 18:05	07/27/23 15:39	1
Carbon tetrachloride	<0.0018		0.0018	0.00051	mg/Kg	✳	07/21/23 18:05	07/27/23 15:39	1
Chlorobenzene	<0.0018		0.0018	0.00065	mg/Kg	✳	07/21/23 18:05	07/27/23 15:39	1
Chloroethane	<0.0044		0.0044	0.0013	mg/Kg	✳	07/21/23 18:05	07/27/23 15:39	1
Chloroform	<0.0018		0.0018	0.00061	mg/Kg	✳	07/21/23 18:05	07/27/23 15:39	1
Chloromethane	<0.0044		0.0044	0.0018	mg/Kg	✳	07/21/23 18:05	07/27/23 15:39	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00049	mg/Kg	✳	07/21/23 18:05	07/27/23 15:39	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00053	mg/Kg	✳	07/21/23 18:05	07/27/23 15:39	1
Dibromochloromethane	<0.0018		0.0018	0.00057	mg/Kg	✳	07/21/23 18:05	07/27/23 15:39	1
1,1-Dichloroethane	<0.0018		0.0018	0.00060	mg/Kg	✳	07/21/23 18:05	07/27/23 15:39	1
1,2-Dichloroethane	<0.0044		0.0044	0.0014	mg/Kg	✳	07/21/23 18:05	07/27/23 15:39	1
1,1-Dichloroethene	<0.0018		0.0018	0.00060	mg/Kg	✳	07/21/23 18:05	07/27/23 15:39	1
1,2-Dichloropropane	<0.0018		0.0018	0.00045	mg/Kg	✳	07/21/23 18:05	07/27/23 15:39	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00061	mg/Kg	✳	07/21/23 18:05	07/27/23 15:39	1
Ethylbenzene	<0.0018		0.0018	0.00084	mg/Kg	✳	07/21/23 18:05	07/27/23 15:39	1
2-Hexanone	<0.0044		0.0044	0.0014	mg/Kg	✳	07/21/23 18:05	07/27/23 15:39	1
Methylene Chloride	<0.0044		0.0044	0.0017	mg/Kg	✳	07/21/23 18:05	07/27/23 15:39	1
Methyl Ethyl Ketone	<0.0044		0.0044	0.0019	mg/Kg	✳	07/21/23 18:05	07/27/23 15:39	1
methyl isobutyl ketone	<0.0044		0.0044	0.0013	mg/Kg	✳	07/21/23 18:05	07/27/23 15:39	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00051	mg/Kg	✳	07/21/23 18:05	07/27/23 15:39	1
Styrene	<0.0018		0.0018	0.00053	mg/Kg	✳	07/21/23 18:05	07/27/23 15:39	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00056	mg/Kg	✳	07/21/23 18:05	07/27/23 15:39	1
Tetrachloroethene	<0.0018		0.0018	0.00060	mg/Kg	✳	07/21/23 18:05	07/27/23 15:39	1
Toluene	<0.0018		0.0018	0.00044	mg/Kg	✳	07/21/23 18:05	07/27/23 15:39	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00078	mg/Kg	✳	07/21/23 18:05	07/27/23 15:39	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00061	mg/Kg	✳	07/21/23 18:05	07/27/23 15:39	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00059	mg/Kg	✳	07/21/23 18:05	07/27/23 15:39	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00075	mg/Kg	✳	07/21/23 18:05	07/27/23 15:39	1
Trichloroethene	<0.0018		0.0018	0.00059	mg/Kg	✳	07/21/23 18:05	07/27/23 15:39	1
Vinyl chloride	<0.0018		0.0018	0.00077	mg/Kg	✳	07/21/23 18:05	07/27/23 15:39	1
Xylenes, Total	<0.0035		0.0035	0.00056	mg/Kg	✳	07/21/23 18:05	07/27/23 15:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		75 - 131	07/21/23 18:05	07/27/23 15:39	1
Dibromofluoromethane (Surr)	112		75 - 126	07/21/23 18:05	07/27/23 15:39	1
1,2-Dichloroethane-d4 (Surr)	119		70 - 134	07/21/23 18:05	07/27/23 15:39	1
Toluene-d8 (Surr)	124		75 - 124	07/21/23 18:05	07/27/23 15:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	✳	07/26/23 13:27	07/27/23 19:26	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	✳	07/26/23 13:27	07/27/23 19:26	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	✳	07/26/23 13:27	07/27/23 19:26	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	✳	07/26/23 13:27	07/27/23 19:26	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	✳	07/26/23 13:27	07/27/23 19:26	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237048-1

Client Sample ID: RB6-2(13-20)-072123

Lab Sample ID: 500-237048-6

Date Collected: 07/21/23 13:35

Matrix: Solid

Date Received: 07/21/23 16:30

Percent Solids: 85.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.087	mg/Kg	☼	07/26/23 13:27	07/27/23 19:26	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	☼	07/26/23 13:27	07/27/23 19:26	1
2,4-Dichlorophenol	<0.38		0.38	0.090	mg/Kg	☼	07/26/23 13:27	07/27/23 19:26	1
2,4-Dimethylphenol	<0.38		0.38	0.14	mg/Kg	☼	07/26/23 13:27	07/27/23 19:26	1
2,4-Dinitrophenol	<0.77		0.77	0.67	mg/Kg	☼	07/26/23 13:27	07/27/23 19:26	1
2,4-Dinitrotoluene	<0.19		0.19	0.060	mg/Kg	☼	07/26/23 13:27	07/27/23 19:26	1
2,6-Dinitrotoluene	<0.19		0.19	0.075	mg/Kg	☼	07/26/23 13:27	07/27/23 19:26	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	☼	07/26/23 13:27	07/27/23 19:26	1
2-Chlorophenol	<0.19		0.19	0.065	mg/Kg	☼	07/26/23 13:27	07/27/23 19:26	1
2-Methylnaphthalene	0.037	J	0.077	0.0070	mg/Kg	☼	07/26/23 13:27	07/27/23 19:26	1
2-Methylphenol	<0.19		0.19	0.061	mg/Kg	☼	07/26/23 13:27	07/27/23 19:26	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	☼	07/26/23 13:27	07/27/23 19:26	1
2-Nitrophenol	<0.38		0.38	0.090	mg/Kg	☼	07/26/23 13:27	07/27/23 19:26	1
3 & 4 Methylphenol	<0.19		0.19	0.063	mg/Kg	☼	07/26/23 13:27	07/27/23 19:26	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.053	mg/Kg	☼	07/26/23 13:27	07/27/23 19:26	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	☼	07/26/23 13:27	07/27/23 19:26	1
4,6-Dinitro-2-methylphenol	<0.77		0.77	0.31	mg/Kg	☼	07/26/23 13:27	07/27/23 19:26	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	☼	07/26/23 13:27	07/27/23 19:26	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	☼	07/26/23 13:27	07/27/23 19:26	1
4-Chloroaniline	<0.77		0.77	0.18	mg/Kg	☼	07/26/23 13:27	07/27/23 19:26	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	☼	07/26/23 13:27	07/27/23 19:26	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	☼	07/26/23 13:27	07/27/23 19:26	1
4-Nitrophenol	<0.77		0.77	0.36	mg/Kg	☼	07/26/23 13:27	07/27/23 19:26	1
Acenaphthene	<0.038		0.038	0.0068	mg/Kg	☼	07/26/23 13:27	07/27/23 19:26	1
Acenaphthylene	<0.038		0.038	0.0050	mg/Kg	☼	07/26/23 13:27	07/27/23 19:26	1
Anthracene	<0.038		0.038	0.0063	mg/Kg	☼	07/26/23 13:27	07/27/23 19:26	1
Benzo[a]anthracene	<0.038		0.038	0.0051	mg/Kg	☼	07/26/23 13:27	07/27/23 19:26	1
Benzo[a]pyrene	<0.038		0.038	0.0074	mg/Kg	☼	07/26/23 13:27	07/27/23 19:26	1
Benzo[b]fluoranthene	<0.038		0.038	0.0082	mg/Kg	☼	07/26/23 13:27	07/27/23 19:26	1
Benzo[g,h,i]perylene	<0.038		0.038	0.012	mg/Kg	☼	07/26/23 13:27	07/27/23 19:26	1
Benzo[k]fluoranthene	<0.038		0.038	0.011	mg/Kg	☼	07/26/23 13:27	07/27/23 19:26	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	☼	07/26/23 13:27	07/27/23 19:26	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.057	mg/Kg	☼	07/26/23 13:27	07/27/23 19:26	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.069	mg/Kg	☼	07/26/23 13:27	07/27/23 19:26	1
Butyl benzyl phthalate	<0.19		0.19	0.072	mg/Kg	☼	07/26/23 13:27	07/27/23 19:26	1
Carbazole	<0.19		0.19	0.095	mg/Kg	☼	07/26/23 13:27	07/27/23 19:26	1
Chrysene	<0.038		0.038	0.010	mg/Kg	☼	07/26/23 13:27	07/27/23 19:26	1
Dibenz(a,h)anthracene	<0.038		0.038	0.0073	mg/Kg	☼	07/26/23 13:27	07/27/23 19:26	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	☼	07/26/23 13:27	07/27/23 19:26	1
Diethyl phthalate	<0.19		0.19	0.064	mg/Kg	☼	07/26/23 13:27	07/27/23 19:26	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	☼	07/26/23 13:27	07/27/23 19:26	1
Di-n-butyl phthalate	<0.19		0.19	0.058	mg/Kg	☼	07/26/23 13:27	07/27/23 19:26	1
Di-n-octyl phthalate	<0.19		0.19	0.062	mg/Kg	☼	07/26/23 13:27	07/27/23 19:26	1
Fluoranthene	<0.038		0.038	0.0070	mg/Kg	☼	07/26/23 13:27	07/27/23 19:26	1
Fluorene	<0.038		0.038	0.0053	mg/Kg	☼	07/26/23 13:27	07/27/23 19:26	1
Hexachlorobenzene	<0.077		0.077	0.0088	mg/Kg	☼	07/26/23 13:27	07/27/23 19:26	1
Hexachlorobutadiene	<0.19		0.19	0.060	mg/Kg	☼	07/26/23 13:27	07/27/23 19:26	1
Hexachlorocyclopentadiene	<0.77		0.77	0.22	mg/Kg	☼	07/26/23 13:27	07/27/23 19:26	1
Hexachloroethane	<0.19		0.19	0.058	mg/Kg	☼	07/26/23 13:27	07/27/23 19:26	1

Eurofins Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237048-1

Client Sample ID: RB6-2(13-20)-072123

Lab Sample ID: 500-237048-6

Date Collected: 07/21/23 13:35

Matrix: Solid

Date Received: 07/21/23 16:30

Percent Solids: 85.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.038		0.038	0.0098	mg/Kg	✳	07/26/23 13:27	07/27/23 19:26	1
Isophorone	<0.19		0.19	0.043	mg/Kg	✳	07/26/23 13:27	07/27/23 19:26	1
Naphthalene	0.011	J	0.038	0.0058	mg/Kg	✳	07/26/23 13:27	07/27/23 19:26	1
Nitrobenzene	<0.038		0.038	0.0095	mg/Kg	✳	07/26/23 13:27	07/27/23 19:26	1
N-Nitrosodi-n-propylamine	<0.077		0.077	0.046	mg/Kg	✳	07/26/23 13:27	07/27/23 19:26	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	✳	07/26/23 13:27	07/27/23 19:26	1
Pentachlorophenol	<0.77		0.77	0.61	mg/Kg	✳	07/26/23 13:27	07/27/23 19:26	1
Phenanthrene	0.032	J	0.038	0.0053	mg/Kg	✳	07/26/23 13:27	07/27/23 19:26	1
Phenol	<0.19		0.19	0.084	mg/Kg	✳	07/26/23 13:27	07/27/23 19:26	1
Pyrene	<0.038		0.038	0.0075	mg/Kg	✳	07/26/23 13:27	07/27/23 19:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	72		31 - 166	07/26/23 13:27	07/27/23 19:26	1
Phenol-d5 (Surr)	78		30 - 153	07/26/23 13:27	07/27/23 19:26	1
Nitrobenzene-d5 (Surr)	80		37 - 147	07/26/23 13:27	07/27/23 19:26	1
2-Fluorobiphenyl (Surr)	73		43 - 145	07/26/23 13:27	07/27/23 19:26	1
2,4,6-Tribromophenol (Surr)	60		31 - 143	07/26/23 13:27	07/27/23 19:26	1
Terphenyl-d14 (Surr)	76		42 - 157	07/26/23 13:27	07/27/23 19:26	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8700		20	8.2	mg/Kg	✳	07/25/23 15:14	07/26/23 13:52	1
Antimony	<2.0		2.0	0.39	mg/Kg	✳	07/25/23 15:14	07/26/23 13:52	1
Arsenic	7.3		1.0	0.34	mg/Kg	✳	07/25/23 15:14	07/26/23 13:52	1
Barium	35		1.0	0.11	mg/Kg	✳	07/25/23 15:14	07/26/23 13:52	1
Beryllium	0.76		0.40	0.093	mg/Kg	✳	07/25/23 15:14	07/26/23 13:52	1
Cadmium	0.21	B	0.20	0.036	mg/Kg	✳	07/25/23 15:14	07/26/23 13:52	1
Calcium	55000	B	20	3.4	mg/Kg	✳	07/25/23 15:14	07/26/23 13:52	1
Chromium	15		1.0	0.49	mg/Kg	✳	07/25/23 15:14	07/26/23 13:52	1
Cobalt	12		0.50	0.13	mg/Kg	✳	07/25/23 15:14	07/26/23 13:52	1
Copper	24		1.0	0.28	mg/Kg	✳	07/25/23 15:14	07/26/23 13:52	1
Iron	19000		20	10	mg/Kg	✳	07/25/23 15:14	07/26/23 13:52	1
Lead	13		0.50	0.23	mg/Kg	✳	07/25/23 15:14	07/26/23 13:52	1
Magnesium	32000		10	5.0	mg/Kg	✳	07/25/23 15:14	07/26/23 13:52	1
Manganese	410		1.0	0.14	mg/Kg	✳	07/25/23 15:14	07/26/23 13:52	1
Nickel	29		1.0	0.29	mg/Kg	✳	07/25/23 15:14	07/26/23 13:52	1
Potassium	2500		50	18	mg/Kg	✳	07/25/23 15:14	07/26/23 13:52	1
Selenium	<1.0		1.0	0.59	mg/Kg	✳	07/25/23 15:14	07/26/23 13:52	1
Silver	<0.50		0.50	0.13	mg/Kg	✳	07/25/23 15:14	07/26/23 13:52	1
Sodium	170		100	15	mg/Kg	✳	07/25/23 15:14	07/26/23 13:52	1
Thallium	<1.0		1.0	0.50	mg/Kg	✳	07/25/23 15:14	07/26/23 13:52	1
Vanadium	17		0.50	0.12	mg/Kg	✳	07/25/23 15:14	07/26/23 13:52	1
Zinc	56		2.0	0.88	mg/Kg	✳	07/25/23 15:14	07/26/23 13:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/25/23 16:12	07/26/23 17:19	1
Barium	0.49	J	0.50	0.050	mg/L		07/25/23 16:12	07/26/23 17:19	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/25/23 16:12	07/26/23 17:19	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/25/23 16:12	07/26/23 17:19	1

Eurofins Chicago

Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237048-1

Client Sample ID: RB6-2(13-20)-072123

Lab Sample ID: 500-237048-6

Date Collected: 07/21/23 13:35

Matrix: Solid

Date Received: 07/21/23 16:30

Percent Solids: 85.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		07/25/23 16:12	07/26/23 17:19	1
Cobalt	0.049		0.025	0.010	mg/L		07/25/23 16:12	07/26/23 17:19	1
Copper	0.14		0.025	0.010	mg/L		07/25/23 16:12	07/26/23 17:19	1
Iron	0.21	J	0.40	0.20	mg/L		07/25/23 16:12	07/27/23 21:05	1
Lead	0.012		0.0075	0.0075	mg/L		07/25/23 16:12	07/26/23 17:19	1
Manganese	4.7		0.025	0.010	mg/L		07/25/23 16:12	07/26/23 17:19	1
Nickel	0.078		0.025	0.010	mg/L		07/25/23 16:12	07/26/23 17:19	1
Selenium	<0.050		0.050	0.020	mg/L		07/25/23 16:12	07/26/23 17:19	1
Silver	<0.025		0.025	0.010	mg/L		07/25/23 16:12	07/26/23 17:19	1
Zinc	0.055	J	0.50	0.020	mg/L		07/25/23 16:12	07/26/23 17:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/25/23 16:13	07/26/23 22:16	1
Barium	<0.50		0.50	0.050	mg/L		07/25/23 16:13	07/26/23 22:16	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/25/23 16:13	07/26/23 22:16	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/25/23 16:13	07/26/23 22:16	1
Chromium	<0.025		0.025	0.010	mg/L		07/25/23 16:13	07/26/23 22:16	1
Cobalt	<0.025		0.025	0.010	mg/L		07/25/23 16:13	07/26/23 22:16	1
Copper	<0.025		0.025	0.010	mg/L		07/25/23 16:13	07/26/23 22:16	1
Iron	1.2		0.40	0.20	mg/L		07/25/23 16:13	07/26/23 22:16	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/25/23 16:13	07/26/23 22:16	1
Manganese	0.037		0.025	0.010	mg/L		07/25/23 16:13	07/26/23 22:16	1
Nickel	<0.025		0.025	0.010	mg/L		07/25/23 16:13	07/26/23 22:16	1
Selenium	<0.050		0.050	0.020	mg/L		07/25/23 16:13	07/26/23 22:16	1
Silver	<0.025		0.025	0.010	mg/L		07/25/23 16:13	07/26/23 22:16	1
Zinc	<0.50		0.50	0.020	mg/L		07/25/23 16:13	07/26/23 22:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/26/23 10:05	07/27/23 09:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/31/23 12:20	08/01/23 11:10	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.024		0.017	0.0092	mg/Kg	☼	07/28/23 17:10	07/31/23 09:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.6		0.2	0.2	SU			07/26/23 19:32	1

Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: IDOT - FAP 342 IL 53 - WO 056

Job ID: 500-237048-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*3	ISTD response or retention time outside acceptable limits.
S1+	Surrogate recovery exceeds control limits, high biased.

GC/MS Semi VOA

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

Metals

Qualifier	Qualifier Description
^	Continuing Calibration Verification (CCV) is outside acceptance limits, low biased.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

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

667779



Environment Testing America

TAL-8210

Address _____



500-237048 COC

Regulatory Program: DW NPDES RCRA Other

Client Contact		Project Manager A. Stesers		Site Contact C. Davids		Date 07/21/2023		COC No 66779	
Company Name Weston Solutions		Tel/Email		Lab Contact J. Knapp		Carrier		2 of 3 COCs	
Address 300 Knightbridge Pkwy		Analysis Turnaround Time		Filtered Sample (Y/N) _____ Perform MS / MSD (Y/N) _____ VOCs _____ SVOCs _____ TOTAL METALS _____ TUP/SPL METALS _____ pH _____		Sampler: _____ For Lab Use Only Walk-in Client _____ Lab Sampling _____ Job / SDG No 056 500-237048-7121 500-237048 7121 23 SH Sample Specific Notes		Sampler	
City/State/Zip Lincolnshire, IL 60069		<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 056 IL-68									
Site _____									
PO# _____									
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.			
ROW-22 (0-6.5)-072123		07/21/23	1140	G	S	6	X	X	X
ROW-22 (0-6.5)-072123(D)			1140						
ROW-22 (6.5-13)-072123			1145						
ROW-22 (13-20)-072123			1150						
RB6-1 (0-6.5)-072123			1220						
RB6-1 (6.5-13)-072123			1225						
RB6-1 (13-20)-072123			1230						
RB6-2 (0-6.5)-072123			1325						
RB6-2 (6.5-13)-072123			1330						
RB6-2 (13-20)-072123			1335						
RB6-3 (0-6.5)-072123			1355						
RB6-3 (0-6.5)-072123(D)			1355						
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other									
Possible Hazard Identification					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)				
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample									
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown					<input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months				
Special Instructions/QC Requirements & Comments.									
5.2+4.1, 4.0+2.9									
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temp (°C) Obs'd		Corr'd		Therm ID No	
Relinquished by <i>[Signature]</i>		Company Weston		Date/Time 07/21/23 1535		Received by <i>[Signature]</i>		Company EETI	
Relinquished by <i>[Signature]</i>		Company EETI		Date/Time 7/23/23 1630		Received by <i>[Signature]</i>		Company EETI	
Relinquished by _____		Company _____		Date/Time _____		Received in Laboratory by <i>[Signature]</i>		Company EETI	

Chain of Custody Record

667780



Environment Testing
America

Address _____

Regulatory Program: DW NPDES RCRA Other

TAL-8210

Client Contact		Project Manager: A. Stesers		Site Contact C. Davids		Date 07-21-2023		COC No 667780				
Company Name Weston Solutions		Tel/Email		Lab Contact J. Knapp		Carrier		3 of 3 COCs				
Address 300 Knightsbridge Pkwy		Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____ <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Filtered Sample (Y/N) Perform MS / MSD (Y/N) VOCs SVOCs IntraMetals TCLP/SLP Metals PH				Sampler				
City/State/Zip Lincolnshire, IL 60069								For Lab Use Only				
Phone								Walk-in Client				
Fax								Lab Sampling				
Project Name 056-1268						Job / SDG No 056						
Site						500-237047-7121 23						
PO #						500-237048		SH				
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Sample Specific Notes					
9	RB6-3 (6.5-13) -072123	07/21/23	1400	G	S	6	X	X	X	X	X	
10	RB6-3 (13-20) -072123		1405									
11	RB6-4 (0-6.5) -072123		1425									
12	RB6-4 (6.5-13) -072123		1430									
13	RB6-4 (13-20) -072123		1435									
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other												
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample							Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)					
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown							<input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months					
Special Instructions/QC Requirements & Comments:												
Custody Seals Intact. <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temp (°C) Obs'd _____		Corr'd _____		Therm ID No _____				
Relinquished by <i>[Signature]</i>		Company Weston		Date/Time 07/21/23		Received by <i>[Signature]</i>		Company EETA		Date/Time 7/21/23 15:30		
Relinquished by <i>[Signature]</i>		Company EETA		Date/Time 7/21/23 16:30		Received by <i>[Signature]</i>		Company		Date/Time		
Relinquished by		Company		Date/Time		Received in Laboratory by <i>[Signature]</i>		Company EETA		Date/Time 7/21/23 16:30		

