



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 870: N Columbine Ave Office Phone Number, if available: _____

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

225-257 Churchill Court (ISGS Site No. 3911-1)

City: Lombard State: IL Zip Code: _____

County: DuPage Township: _____

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

Latitude: 41.89327 Longitude: -88.03281

(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.): 216

II. Owner/Operator Information for Source Site

Site Owner

Name: Illinois Department of Transportation

Street Address: 201 W. Center Court

PO Box: _____

City: Schaumburg State: IL

Zip Code: 60196 Phone: _____

Contact: Irma Romiti-Johnson

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

Site Operator

Name: Illinois Department of Transportation

Street Address: 201 W. Center Court

PO Box: _____

City: Schaumburg State: IL

Zip Code: 60196 Phone: _____

Contact: Irma Romiti-Johnson

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

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

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

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

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

LOCATIONS RP-1 through RP-4 WERE SAMPLED ADJACENT TO ISGS SITE No. 3911-1. SEE FIGURE 3-1 AND TABLE 4-1 OF THE FINAL PRELIMINARY SITE INVESTIGATION REPORT FOR SAMPLING DETAILS.

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

TESTAMERICA ANALYTICAL REPORT - JOB ID: 500-184283-1.

ALSO SEE FIGURE 4-1 OF THE FINAL PRELIMINARY SITE INVESTIGATION REPORT.

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

I, Margaret Doheny-Skubic, 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 Plaza Circle; Suite 202
 City: Mundelein State: IL Zip Code: 60060
 Phone: (224) 864-7200

Margaret Doheny-Skubic, P.G.

Printed Name:



Licensed Professional Engineer or
 Licensed Professional Geologist Signature:

12/21/2020

Date:



Summary Table of ISGS Site No. 3911-001
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
Illinois Department of Transportation
FAP 870: IL Route 53 From Woodland Avenue to Meadow Avenue
Lombard, DuPage County, Illinois

Location	RP-1	RP-2	RP-3	RP-4	RP-4	Soil Reference Concentrations ^A
Sample Date	6/30/2020	6/30/2020	6/30/2020	6/30/2020	6/30/2020	
Field Sample ID	RP-1(0-4)-063020	RP-2(0-4)-063020	RP-3(0-4)-063020	RP-4(0-4)-063020	RP-4(0-4)-063020D	
Lab Sample ID	500-184283-7	500-184283-5	500-184283-3	500-184283-1	500-184283-9	
ISGS Site Number	3911-001	3911-001	3911-001	3911-001	3911-001	
Parameters						
Laboratory pH	8.5	8.9	8.6	8.8	8.9	<6.25; >9.0
VOCs						
Methylene chloride	ND	ND	0.0025 J	0.002 J	0.0041 J	0.02
SVOCs						
Anthracene	ND	ND	ND	ND	0.0067 J	12000
Benzo(a)anthracene	ND	0.0061 J	ND	ND	0.035 J	0.9 / 1.1 / 1.8
Benzo(a)pyrene	ND	ND	ND	ND	0.025 J	0.09 / 1.3 / 2.1
Benzo(b)fluoranthene	ND	0.0092 J	ND	ND	0.032 J	0.9 / 1.5 / 2.1
Benzo(g,h,i)perylene	ND	ND	ND	ND	0.015 J	---
Benzo(k)fluoranthene	ND	ND	ND	ND	0.014 J	9
Chrysene	ND	0.011 J	ND	ND	0.041	88.00001
Fluoranthene	ND	0.0076 J	ND	ND	0.068	3100
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	0.014 J	0.9 / 0.9 / 1.6
Phenanthrene	ND	0.0073 J	ND	ND	0.033 J	---
Pyrene	ND	0.0099 J	ND	ND	0.059	2300
Total Metals (mg/kg)						
Antimony, Total	1.5	1.4	1.4	1.3 J	1.4	5
Arsenic, Total	10	10	10	11 J	11	11.3 / 13.0
Barium, Total	60	50	49	49	53	1500
Beryllium, Total	1.1	0.97	0.96	1.1	1	22
Cadmium, Total	0.081 J	0.11 J	0.13	0.085 J	0.12	5.2
Calcium, Total	17000 B	26000 B	28000 B	19000 J	27000 B	---
Chromium, Total	25	21	22	22	22	21
Cobalt, Total	18	14	13	18 J	20	20
Copper, Total	29	31	24	29	31	2900
Iron, Total	24000	22000	22000	23000	23000	15000 / 15900
Lead, Total	21	23	16	20 J	22	107
Magnesium, Total	13000	17000	18000	13000	18000	325000
Manganese, Total	320	310	310	320 J	430	630 / 636
Mercury, Total	0.02	0.048	0.038	0.056 J	0.02 J	0.89
Nickel, Total	43	40	38	45	45	100
Potassium, Total	3700	3400	3700	3200	3600	---
Selenium, Total	0.48 J	0.39 J	ND	0.6 J	0.5 J	1.3
Sodium, Total	2400	1200	1700	2100 J	1800	---
Thallium, Total	ND	ND	ND	ND	0.33 J	2.6
Vanadium, Total	31 B	26 B	26 B	28 B	28 B	550
Zinc, Total	73 B	74 B	68 B	70 B	79 B	5100
TCLP Metals (mg/kg)						
Arsenic, TCLP	ND	ND	ND	ND	ND	0.05
Barium, TCLP	0.39 J	0.37 J	0.34 J	0.37 J	0.43 J	2
Beryllium, TCLP	ND	ND	ND	ND	ND	0.004
Cadmium, TCLP	ND	ND	ND	ND	ND	0.005
Chromium, TCLP	ND	ND	ND	ND	ND	0.1
Cobalt, TCLP	ND	ND	ND	ND	ND	1
Copper, TCLP	0.013 J	ND	ND	ND	ND	0.65
Iron, TCLP	ND	ND	ND	ND	ND	5
Lead, TCLP	ND	ND	ND	ND	ND	0.0075
Manganese, TCLP	0.77	0.74	0.065	0.059 J	0.1 J	0.15
Mercury, TCLP	ND	ND	ND	ND	ND	0.002
Nickel, TCLP	ND	ND	ND	ND	0.01 J	0.1
Selenium, TCLP	0.02 J	ND	ND	ND	ND	0.05
Zinc, TCLP	0.086 J	0.08 J	0.052 J	0.03 J	0.08 J	5
SPLP Metals (mg/kg)						
Arsenic, SPLP	0.12	0.095	0.095	0.1	0.11	0.05
Barium, SPLP	0.72	0.61	0.52	0.65	0.65	2
Beryllium, SPLP	0.012	0.0098	0.0082	0.01	0.01	0.004
Cadmium, SPLP	ND	ND	ND	ND	ND	0.005
Chromium, SPLP	0.23	0.2	0.17	0.2	0.21	0.1
Cobalt, SPLP	0.065	0.052	0.053	0.064	0.068	1
Copper, SPLP	0.27	0.23	0.22	0.25	0.26	0.65
Iron, SPLP	250	200	190	220	230	5
Lead, SPLP	0.13	0.11	0.098	0.16	0.12	0.0075
Manganese, SPLP	0.89	0.69	0.7	0.9	0.89	0.15
Mercury, SPLP	ND	ND	ND	ND	ND	0.002
Nickel, SPLP	0.31	0.25	0.23	0.28	0.29	0.1
Selenium, SPLP	ND	ND	ND	ND	ND	0.05
Zinc, SPLP	0.67	0.57	0.58	0.64	0.64	5

Notes:

--- - not applicable or value not available.

^A - Soil reference concentrations from MAC Table. Background values for Chicago corporate limits and MSA counties are included, as applicable.

J - Estimated concentration.

ND - Constituent not detected above the reporting limit.

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

ANALYTICAL REPORT

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

Laboratory Job ID: 500-184283-1

Client Project/Site: IDOT - Lombard - WO 012

For:

Weston Solutions, Inc.
300 Plaza Circle, Suite 202
Mundelein, Illinois 60060

Attn: Mr. Andris Slesers



Authorized for release by:
7/10/2020 5:30:13 PM

Richard Wright, Senior Project Manager
(708)746-0045
Richard.Wright@Eurofinset.com

LINKS

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

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

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

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: RP-4(0-4)-063020

Lab Sample ID: 500-184283-1

Date Collected: 06/30/20 08:30

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 83.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.0018		0.0018	0.00061	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00058	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00078	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
1,1-Dichloroethane	<0.0018		0.0018	0.00062	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
1,1-Dichloroethene	<0.0018		0.0018	0.00062	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
1,2-Dichloroethane	<0.0045		0.0045	0.0014	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
1,2-Dichloropropane	<0.0018		0.0018	0.00047	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00064	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
2-Hexanone	<0.0045		0.0045	0.0014	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
Acetone	<0.018		0.018	0.0079	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
Benzene	<0.0018		0.0018	0.00046	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
Bromodichloromethane	<0.0018		0.0018	0.00037	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
Bromoform	<0.0018		0.0018	0.00053	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
Bromomethane	<0.0045 *		0.0045	0.0017	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
Carbon disulfide	<0.0045		0.0045	0.00094	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
Carbon tetrachloride	<0.0018		0.0018	0.00052	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
Chlorobenzene	<0.0018		0.0018	0.00067	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
Chloroethane	<0.0045 *		0.0045	0.0013	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
Chloroform	<0.0018		0.0018	0.00063	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
Chloromethane	<0.0045		0.0045	0.0018	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00051	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00055	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
Dibromochloromethane	<0.0018		0.0018	0.00059	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
Ethylbenzene	<0.0018		0.0018	0.00087	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
Methyl Ethyl Ketone	<0.0045		0.0045	0.0020	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
methyl isobutyl ketone	<0.0045		0.0045	0.0013	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00053	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
Methylene Chloride	0.0041	J	0.0045	0.0018	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
Styrene	<0.0018		0.0018	0.00055	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
Tetrachloroethene	<0.0018		0.0018	0.00062	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
Toluene	<0.0018		0.0018	0.00046	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00080	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00064	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
Trichloroethene	<0.0018		0.0018	0.00061	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
Vinyl chloride	<0.0018		0.0018	0.00080	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
Xylenes, Total	<0.0036		0.0036	0.00058	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	85		70 - 134	06/30/20 17:51	07/02/20 11:03	1
4-Bromofluorobenzene (Surr)	98		75 - 131	06/30/20 17:51	07/02/20 11:03	1
Dibromofluoromethane	98		75 - 126	06/30/20 17:51	07/02/20 11:03	1
Toluene-d8 (Surr)	87		75 - 124	06/30/20 17:51	07/02/20 11:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20	F1 F2	0.20	0.043	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
1,2-Dichlorobenzene	<0.20	F1 F2	0.20	0.047	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
1,3-Dichlorobenzene	<0.20	F2	0.20	0.044	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
1,4-Dichlorobenzene	<0.20	F2	0.20	0.051	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: RP-4(0-4)-063020

Lab Sample ID: 500-184283-1

Date Collected: 06/30/20 08:30

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 83.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.090	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
2,4,6-Trichlorophenol	<0.39		0.39	0.14	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
2,4-Dichlorophenol	<0.39		0.39	0.094	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
2,4-Dinitrophenol	<0.80	F1	0.80	0.70	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
2,4-Dinitrotoluene	<0.20		0.20	0.063	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
2,6-Dinitrotoluene	<0.20		0.20	0.078	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
2-Chlorophenol	<0.20		0.20	0.067	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
2-Methylnaphthalene	<0.080	F2	0.080	0.0073	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
2-Nitrophenol	<0.39	F1 F2	0.39	0.093	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
3 & 4 Methylphenol	<0.20	F2	0.20	0.066	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
4,6-Dinitro-2-methylphenol	<0.80	F2	0.80	0.32	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
4-Chloro-3-methylphenol	<0.39	F1	0.39	0.13	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
4-Chloroaniline	<0.80	F1	0.80	0.19	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
4-Nitroaniline	<0.39		0.39	0.17	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
4-Nitrophenol	<0.80		0.80	0.38	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Acenaphthene	<0.039		0.039	0.0071	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Anthracene	0.0067	J	0.039	0.0066	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Benzo[a]anthracene	0.035	J	0.039	0.0053	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Benzo[a]pyrene	0.025	J	0.039	0.0076	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Benzo[b]fluoranthene	0.032	J F1 F2	0.039	0.0085	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Benzo[g,h,i]perylene	0.015	J F1 F2	0.039	0.013	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Benzo[k]fluoranthene	0.014	J	0.039	0.012	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Bis(2-chloroethyl)ether	<0.20	F2	0.20	0.059	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Butyl benzyl phthalate	<0.20		0.20	0.075	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Carbazole	<0.20		0.20	0.099	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Chrysene	0.041		0.039	0.011	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Dibenz(a,h)anthracene	<0.039	F1 F2	0.039	0.0076	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Diethyl phthalate	<0.20		0.20	0.067	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Dimethyl phthalate	<0.20		0.20	0.052	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Fluoranthene	0.068		0.039	0.0073	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Fluorene	<0.039		0.039	0.0056	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Hexachlorobenzene	<0.080		0.080	0.0092	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Hexachlorobutadiene	<0.20	F2	0.20	0.062	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Hexachlorocyclopentadiene	<0.80	F1	0.80	0.23	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Hexachloroethane	<0.20	F2	0.20	0.060	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: RP-4(0-4)-063020

Lab Sample ID: 500-184283-1

Date Collected: 06/30/20 08:30

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 83.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.014	J F1 F2	0.039	0.010	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Isophorone	<0.20	F2	0.20	0.044	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Naphthalene	<0.039	F1 F2	0.039	0.0061	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Nitrobenzene	<0.039	F2	0.039	0.0099	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
N-Nitrosodi-n-propylamine	<0.080	*	0.080	0.048	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
N-Nitrosodiphenylamine	<0.20	*	0.20	0.047	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Pentachlorophenol	<0.80	F2	0.80	0.63	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Phenanthrene	0.033	J	0.039	0.0055	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Phenol	<0.20		0.20	0.088	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Pyrene	0.059		0.039	0.0078	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	78		31 - 143				07/08/20 07:25	07/09/20 08:34	1
2-Fluorobiphenyl	79		43 - 145				07/08/20 07:25	07/09/20 08:34	1
2-Fluorophenol	79		31 - 166				07/08/20 07:25	07/09/20 08:34	1
Nitrobenzene-d5	72		37 - 147				07/08/20 07:25	07/09/20 08:34	1
Phenol-d5	79		30 - 153				07/08/20 07:25	07/09/20 08:34	1
Terphenyl-d14	102		42 - 157				07/08/20 07:25	07/09/20 08:34	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/09/20 17:11	07/09/20 23:04	1
Barium	0.37	J	0.50	0.050	mg/L		07/09/20 17:11	07/09/20 23:04	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/09/20 17:11	07/09/20 23:04	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 17:11	07/09/20 23:04	1
Chromium	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:04	1
Cobalt	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:04	1
Copper	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:04	1
Iron	<0.40		0.40	0.20	mg/L		07/09/20 17:11	07/09/20 23:04	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/09/20 17:11	07/09/20 23:04	1
Manganese	0.059		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:04	1
Nickel	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:04	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 17:11	07/09/20 23:04	1
Silver	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:04	1
Zinc	0.030	J	0.50	0.020	mg/L		07/09/20 17:11	07/09/20 23:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.10		0.050	0.010	mg/L		07/09/20 17:10	07/09/20 23:54	1
Barium	0.65		0.50	0.050	mg/L		07/09/20 17:10	07/09/20 23:54	1
Beryllium	0.010		0.0040	0.0040	mg/L		07/09/20 17:10	07/09/20 23:54	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 17:10	07/09/20 23:54	1
Chromium	0.20		0.025	0.010	mg/L		07/09/20 17:10	07/09/20 23:54	1
Cobalt	0.064		0.025	0.010	mg/L		07/09/20 17:10	07/09/20 23:54	1
Copper	0.25		0.025	0.010	mg/L		07/09/20 17:10	07/09/20 23:54	1
Iron	220		0.40	0.20	mg/L		07/09/20 17:10	07/09/20 23:54	1
Lead	0.16		0.0075	0.0075	mg/L		07/09/20 17:10	07/09/20 23:54	1
Manganese	0.90		0.025	0.010	mg/L		07/09/20 17:10	07/09/20 23:54	1
Nickel	0.28		0.025	0.010	mg/L		07/09/20 17:10	07/09/20 23:54	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 17:10	07/09/20 23:54	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: RP-4(0-4)-063020

Lab Sample ID: 500-184283-1

Date Collected: 06/30/20 08:30

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 83.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		07/09/20 17:10	07/09/20 23:54	1
Zinc	0.64		0.50	0.020	mg/L		07/09/20 17:10	07/09/20 23:54	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.3	F1	1.1	0.22	mg/Kg	☼	07/07/20 17:08	07/08/20 08:38	1
Arsenic	11	F1	0.56	0.19	mg/Kg	☼	07/07/20 17:08	07/08/20 08:38	1
Barium	49		0.56	0.064	mg/Kg	☼	07/07/20 17:08	07/08/20 08:38	1
Beryllium	1.1		0.23	0.053	mg/Kg	☼	07/07/20 17:08	07/08/20 08:38	1
Cadmium	0.085	J	0.11	0.020	mg/Kg	☼	07/07/20 17:08	07/08/20 08:38	1
Calcium	19000	B	11	1.9	mg/Kg	☼	07/07/20 17:08	07/08/20 08:38	1
Chromium	22		0.56	0.28	mg/Kg	☼	07/07/20 17:08	07/08/20 08:38	1
Cobalt	18		0.28	0.074	mg/Kg	☼	07/07/20 17:08	07/08/20 08:38	1
Copper	29		0.56	0.16	mg/Kg	☼	07/07/20 17:08	07/08/20 08:38	1
Iron	23000		11	5.9	mg/Kg	☼	07/07/20 17:08	07/08/20 08:38	1
Lead	20	F1	0.28	0.13	mg/Kg	☼	07/07/20 17:08	07/08/20 08:38	1
Magnesium	13000		5.6	2.8	mg/Kg	☼	07/07/20 17:08	07/08/20 08:38	1
Manganese	320		0.56	0.082	mg/Kg	☼	07/07/20 17:08	07/08/20 08:38	1
Nickel	45		0.56	0.16	mg/Kg	☼	07/07/20 17:08	07/08/20 08:38	1
Potassium	3200		28	10	mg/Kg	☼	07/07/20 17:08	07/08/20 08:38	1
Selenium	0.60	F1	0.56	0.33	mg/Kg	☼	07/07/20 17:08	07/08/20 08:38	1
Silver	<0.28		0.28	0.073	mg/Kg	☼	07/07/20 17:08	07/08/20 08:38	1
Sodium	2100	F1	56	8.4	mg/Kg	☼	07/07/20 17:08	07/08/20 08:38	1
Thallium	<0.56		0.56	0.28	mg/Kg	☼	07/07/20 17:08	07/08/20 08:38	1
Vanadium	28	B	0.28	0.067	mg/Kg	☼	07/07/20 17:08	07/08/20 08:38	1
Zinc	70	B	1.1	0.50	mg/Kg	☼	07/07/20 17:08	07/08/20 08:38	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/20 12:40	07/10/20 09:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0010		0.0010	0.0010	mg/L		07/09/20 12:40	07/10/20 10:44	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.056		0.020	0.0066	mg/Kg	☼	07/08/20 01:35	07/09/20 08:00	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.8		0.1	0.1	SU			07/02/20 12:39	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: RP-3(0-4)-063020

Lab Sample ID: 500-184283-3

Date Collected: 06/30/20 08:50

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 83.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.0016		0.0016	0.00055	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00052	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00070	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
1,1-Dichloroethane	<0.0016		0.0016	0.00056	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
1,1-Dichloroethene	<0.0016		0.0016	0.00056	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
1,2-Dichloroethane	<0.0041		0.0041	0.0013	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
1,2-Dichloropropane	<0.0016		0.0016	0.00042	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00057	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
2-Hexanone	<0.0041		0.0041	0.0013	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
Acetone	<0.016		0.016	0.0071	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
Benzene	<0.0016		0.0016	0.00042	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
Bromodichloromethane	<0.0016		0.0016	0.00033	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
Bromoform	<0.0016		0.0016	0.00048	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
Bromomethane	<0.0041	*	0.0041	0.0015	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
Carbon disulfide	<0.0041		0.0041	0.00085	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
Carbon tetrachloride	<0.0016		0.0016	0.00047	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
Chlorobenzene	<0.0016		0.0016	0.00060	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
Chloroethane	<0.0041	*	0.0041	0.0012	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
Chloroform	<0.0016		0.0016	0.00057	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
Chloromethane	<0.0041		0.0041	0.0016	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00046	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00049	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
Dibromochloromethane	<0.0016		0.0016	0.00053	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
Ethylbenzene	<0.0016		0.0016	0.00078	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
Methyl Ethyl Ketone	<0.0041		0.0041	0.0018	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
methyl isobutyl ketone	<0.0041		0.0041	0.0012	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00048	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
Methylene Chloride	0.0025	J	0.0041	0.0016	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
Styrene	<0.0016		0.0016	0.00049	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
Tetrachloroethene	<0.0016		0.0016	0.00056	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
Toluene	<0.0016		0.0016	0.00041	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00072	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00057	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
Trichloroethene	<0.0016		0.0016	0.00055	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
Vinyl chloride	<0.0016		0.0016	0.00072	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
Xylenes, Total	<0.0033		0.0033	0.00052	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	84		70 - 134	06/30/20 17:51	07/02/20 11:54	1
4-Bromofluorobenzene (Surr)	100		75 - 131	06/30/20 17:51	07/02/20 11:54	1
Dibromofluoromethane	95		75 - 126	06/30/20 17:51	07/02/20 11:54	1
Toluene-d8 (Surr)	88		75 - 124	06/30/20 17:51	07/02/20 11:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.043	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
1,3-Dichlorobenzene	<0.20		0.20	0.045	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
1,4-Dichlorobenzene	<0.20		0.20	0.051	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: RP-3(0-4)-063020

Lab Sample ID: 500-184283-3

Date Collected: 06/30/20 08:50

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 83.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.091	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
2,4,6-Trichlorophenol	<0.39		0.39	0.14	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
2,4-Dichlorophenol	<0.39		0.39	0.094	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
2,4-Dinitrophenol	<0.80		0.80	0.70	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
2,4-Dinitrotoluene	<0.20		0.20	0.063	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
2,6-Dinitrotoluene	<0.20		0.20	0.078	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
2-Chlorophenol	<0.20		0.20	0.068	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
2-Methylnaphthalene	<0.080		0.080	0.0073	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
2-Methylphenol	<0.20		0.20	0.064	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
2-Nitrophenol	<0.39		0.39	0.094	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
3 & 4 Methylphenol	<0.20		0.20	0.066	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.056	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
4,6-Dinitro-2-methylphenol	<0.80		0.80	0.32	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
4-Chloroaniline	<0.80		0.80	0.19	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
4-Nitroaniline	<0.39		0.39	0.17	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
4-Nitrophenol	<0.80		0.80	0.38	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Acenaphthene	<0.039		0.039	0.0071	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Anthracene	<0.039		0.039	0.0066	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Benzo[a]anthracene	<0.039		0.039	0.0053	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Benzo[a]pyrene	<0.039		0.039	0.0077	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Benzo[b]fluoranthene	<0.039		0.039	0.0086	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Benzo[g,h,i]perylene	<0.039		0.039	0.013	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Benzo[k]fluoranthene	<0.039		0.039	0.012	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Butyl benzyl phthalate	<0.20		0.20	0.075	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Carbazole	<0.20		0.20	0.099	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Chrysene	<0.039		0.039	0.011	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Dibenz(a,h)anthracene	<0.039		0.039	0.0077	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Diethyl phthalate	<0.20		0.20	0.067	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Dimethyl phthalate	<0.20		0.20	0.052	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Di-n-octyl phthalate	<0.20		0.20	0.065	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Fluoranthene	<0.039		0.039	0.0074	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Fluorene	<0.039		0.039	0.0056	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Hexachlorobenzene	<0.080		0.080	0.0092	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Hexachlorocyclopentadiene	<0.80		0.80	0.23	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Hexachloroethane	<0.20		0.20	0.060	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: RP-3(0-4)-063020

Lab Sample ID: 500-184283-3

Date Collected: 06/30/20 08:50

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 83.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.039		0.039	0.010	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Isophorone	<0.20		0.20	0.045	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Naphthalene	<0.039		0.039	0.0061	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Nitrobenzene	<0.039		0.039	0.0099	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
N-Nitrosodi-n-propylamine	<0.080	*	0.080	0.048	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
N-Nitrosodiphenylamine	<0.20	*	0.20	0.047	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Pentachlorophenol	<0.80		0.80	0.64	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Phenanthrene	<0.039		0.039	0.0055	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Phenol	<0.20		0.20	0.088	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Pyrene	<0.039		0.039	0.0079	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	97		31 - 143				07/08/20 07:25	07/09/20 02:31	1
2-Fluorobiphenyl	83		43 - 145				07/08/20 07:25	07/09/20 02:31	1
2-Fluorophenol	77		31 - 166				07/08/20 07:25	07/09/20 02:31	1
Nitrobenzene-d5	67		37 - 147				07/08/20 07:25	07/09/20 02:31	1
Phenol-d5	82		30 - 153				07/08/20 07:25	07/09/20 02:31	1
Terphenyl-d14	108		42 - 157				07/08/20 07:25	07/09/20 02:31	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/09/20 17:11	07/09/20 23:16	1
Barium	0.34	J	0.50	0.050	mg/L		07/09/20 17:11	07/09/20 23:16	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/09/20 17:11	07/09/20 23:16	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 17:11	07/09/20 23:16	1
Chromium	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:16	1
Cobalt	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:16	1
Copper	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:16	1
Iron	<0.40		0.40	0.20	mg/L		07/09/20 17:11	07/09/20 23:16	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/09/20 17:11	07/09/20 23:16	1
Manganese	0.065		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:16	1
Nickel	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:16	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 17:11	07/09/20 23:16	1
Silver	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:16	1
Zinc	0.052	J	0.50	0.020	mg/L		07/09/20 17:11	07/09/20 23:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.095		0.050	0.010	mg/L		07/09/20 17:10	07/10/20 00:02	1
Barium	0.52		0.50	0.050	mg/L		07/09/20 17:10	07/10/20 00:02	1
Beryllium	0.0082		0.0040	0.0040	mg/L		07/09/20 17:10	07/10/20 00:02	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 17:10	07/10/20 00:02	1
Chromium	0.17		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:02	1
Cobalt	0.053		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:02	1
Copper	0.22		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:02	1
Iron	190		0.40	0.20	mg/L		07/09/20 17:10	07/10/20 00:02	1
Lead	0.098		0.0075	0.0075	mg/L		07/09/20 17:10	07/10/20 00:02	1
Manganese	0.70		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:02	1
Nickel	0.23		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:02	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 17:10	07/10/20 00:02	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: RP-3(0-4)-063020

Lab Sample ID: 500-184283-3

Date Collected: 06/30/20 08:50

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 83.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:02	1
Zinc	0.58		0.50	0.020	mg/L		07/09/20 17:10	07/10/20 00:02	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.4		1.1	0.22	mg/Kg	☼	07/07/20 17:08	07/08/20 09:02	1
Arsenic	10		0.55	0.19	mg/Kg	☼	07/07/20 17:08	07/08/20 09:02	1
Barium	49		0.55	0.063	mg/Kg	☼	07/07/20 17:08	07/08/20 09:02	1
Beryllium	0.96		0.22	0.052	mg/Kg	☼	07/07/20 17:08	07/08/20 09:02	1
Cadmium	0.13		0.11	0.020	mg/Kg	☼	07/07/20 17:08	07/08/20 09:02	1
Calcium	28000	B	11	1.9	mg/Kg	☼	07/07/20 17:08	07/08/20 09:02	1
Chromium	22		0.55	0.27	mg/Kg	☼	07/07/20 17:08	07/08/20 09:02	1
Cobalt	13		0.28	0.072	mg/Kg	☼	07/07/20 17:08	07/08/20 09:02	1
Copper	24		0.55	0.15	mg/Kg	☼	07/07/20 17:08	07/08/20 09:02	1
Iron	22000		11	5.7	mg/Kg	☼	07/07/20 17:08	07/08/20 09:02	1
Lead	16		0.28	0.13	mg/Kg	☼	07/07/20 17:08	07/08/20 09:02	1
Magnesium	18000		5.5	2.7	mg/Kg	☼	07/07/20 17:08	07/08/20 09:02	1
Manganese	310		0.55	0.080	mg/Kg	☼	07/07/20 17:08	07/08/20 09:02	1
Nickel	38		0.55	0.16	mg/Kg	☼	07/07/20 17:08	07/08/20 09:02	1
Potassium	3700		28	9.8	mg/Kg	☼	07/07/20 17:08	07/08/20 09:02	1
Selenium	<0.55		0.55	0.33	mg/Kg	☼	07/07/20 17:08	07/08/20 09:02	1
Silver	<0.28		0.28	0.071	mg/Kg	☼	07/07/20 17:08	07/08/20 09:02	1
Sodium	1700		55	8.2	mg/Kg	☼	07/07/20 17:08	07/08/20 09:02	1
Thallium	<0.55		0.55	0.28	mg/Kg	☼	07/07/20 17:08	07/08/20 09:02	1
Vanadium	26	B	0.28	0.065	mg/Kg	☼	07/07/20 17:08	07/08/20 09:02	1
Zinc	68	B	1.1	0.49	mg/Kg	☼	07/07/20 17:08	07/08/20 09:02	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/20 12:40	07/10/20 09:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0010		0.0010	0.0010	mg/L		07/09/20 12:40	07/10/20 10:48	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.038		0.019	0.0064	mg/Kg	☼	07/08/20 01:35	07/09/20 08:04	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.6		0.1	0.1	SU			07/02/20 12:49	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: RP-2(0-4)-063020

Lab Sample ID: 500-184283-5

Date Collected: 06/30/20 09:10

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 83.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.0018		0.0018	0.00061	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00058	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00078	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
1,1-Dichloroethane	<0.0018		0.0018	0.00062	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
1,1-Dichloroethene	<0.0018		0.0018	0.00063	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
1,2-Dichloroethane	<0.0045		0.0045	0.0014	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
1,2-Dichloropropane	<0.0018		0.0018	0.00047	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00064	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
2-Hexanone	<0.0045		0.0045	0.0014	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
Acetone	<0.018		0.018	0.0079	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
Benzene	<0.0018		0.0018	0.00046	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
Bromodichloromethane	<0.0018		0.0018	0.00037	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
Bromoform	<0.0018		0.0018	0.00053	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
Bromomethane	<0.0045 *		0.0045	0.0017	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
Carbon disulfide	<0.0045		0.0045	0.00095	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
Carbon tetrachloride	<0.0018		0.0018	0.00053	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
Chlorobenzene	<0.0018		0.0018	0.00067	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
Chloroethane	<0.0045 *		0.0045	0.0013	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
Chloroform	<0.0018		0.0018	0.00063	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
Chloromethane	<0.0045		0.0045	0.0018	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00051	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00055	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
Dibromochloromethane	<0.0018		0.0018	0.00060	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
Ethylbenzene	<0.0018		0.0018	0.00087	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
Methyl Ethyl Ketone	<0.0045		0.0045	0.0020	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
methyl isobutyl ketone	<0.0045		0.0045	0.0013	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00053	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
Methylene Chloride	<0.0045		0.0045	0.0018	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
Styrene	<0.0018		0.0018	0.00055	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
Tetrachloroethene	<0.0018		0.0018	0.00062	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
Toluene	<0.0018		0.0018	0.00046	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00081	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00064	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
Trichloroethene	<0.0018		0.0018	0.00062	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
Vinyl chloride	<0.0018		0.0018	0.00081	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
Xylenes, Total	<0.0036		0.0036	0.00058	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	84		70 - 134	06/30/20 17:51	07/02/20 12:45	1
4-Bromofluorobenzene (Surr)	98		75 - 131	06/30/20 17:51	07/02/20 12:45	1
Dibromofluoromethane	95		75 - 126	06/30/20 17:51	07/02/20 12:45	1
Toluene-d8 (Surr)	88		75 - 124	06/30/20 17:51	07/02/20 12:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.042	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
1,4-Dichlorobenzene	<0.20		0.20	0.050	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.045	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: RP-2(0-4)-063020

Lab Sample ID: 500-184283-5

Date Collected: 06/30/20 09:10

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 83.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.090	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
2,4,6-Trichlorophenol	<0.39		0.39	0.13	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
2,4-Dichlorophenol	<0.39		0.39	0.093	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
2,4-Dinitrophenol	<0.79		0.79	0.69	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
2,4-Dinitrotoluene	<0.20		0.20	0.062	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
2,6-Dinitrotoluene	<0.20		0.20	0.077	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
2-Chloronaphthalene	<0.20		0.20	0.043	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
2-Chlorophenol	<0.20		0.20	0.067	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
2-Methylnaphthalene	<0.079		0.079	0.0072	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
2-Nitrophenol	<0.39		0.39	0.093	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
3 & 4 Methylphenol	<0.20		0.20	0.065	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.32	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
4-Chloroaniline	<0.79		0.79	0.18	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
4-Nitroaniline	<0.39		0.39	0.16	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
4-Nitrophenol	<0.79		0.79	0.37	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Acenaphthene	<0.039		0.039	0.0071	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Anthracene	<0.039		0.039	0.0066	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Benzo[a]anthracene	0.0061	J	0.039	0.0053	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Benzo[a]pyrene	<0.039		0.039	0.0076	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Benzo[b]fluoranthene	0.0092	J	0.039	0.0085	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Benzo[g,h,i]perylene	<0.039		0.039	0.013	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Benzo[k]fluoranthene	<0.039		0.039	0.012	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Butyl benzyl phthalate	<0.20		0.20	0.075	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Carbazole	<0.20		0.20	0.098	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Chrysene	0.011	J	0.039	0.011	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Dibenz(a,h)anthracene	<0.039		0.039	0.0076	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Diethyl phthalate	<0.20		0.20	0.067	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Dimethyl phthalate	<0.20		0.20	0.051	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Fluoranthene	0.0076	J	0.039	0.0073	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Fluorene	<0.039		0.039	0.0055	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Hexachlorobenzene	<0.079		0.079	0.0091	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Hexachlorocyclopentadiene	<0.79		0.79	0.23	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Hexachloroethane	<0.20		0.20	0.060	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: RP-2(0-4)-063020

Lab Sample ID: 500-184283-5

Date Collected: 06/30/20 09:10

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 83.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.039		0.039	0.010	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Naphthalene	<0.039		0.039	0.0060	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Nitrobenzene	<0.039		0.039	0.0098	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
N-Nitrosodi-n-propylamine	<0.079	*	0.079	0.048	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
N-Nitrosodiphenylamine	<0.20	*	0.20	0.046	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Pentachlorophenol	<0.79		0.79	0.63	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Phenanthrene	0.0073	J	0.039	0.0055	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Phenol	<0.20		0.20	0.087	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Pyrene	0.0099	J	0.039	0.0078	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	86		31 - 143				07/08/20 07:25	07/09/20 03:16	1
2-Fluorobiphenyl	81		43 - 145				07/08/20 07:25	07/09/20 03:16	1
2-Fluorophenol	73		31 - 166				07/08/20 07:25	07/09/20 03:16	1
Nitrobenzene-d5	66		37 - 147				07/08/20 07:25	07/09/20 03:16	1
Phenol-d5	77		30 - 153				07/08/20 07:25	07/09/20 03:16	1
Terphenyl-d14	97		42 - 157				07/08/20 07:25	07/09/20 03:16	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/09/20 17:11	07/09/20 23:22	1
Barium	0.37	J	0.50	0.050	mg/L		07/09/20 17:11	07/09/20 23:22	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/09/20 17:11	07/09/20 23:22	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 17:11	07/09/20 23:22	1
Chromium	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:22	1
Cobalt	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:22	1
Copper	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:22	1
Iron	<0.40		0.40	0.20	mg/L		07/09/20 17:11	07/09/20 23:22	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/09/20 17:11	07/09/20 23:22	1
Manganese	0.74		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:22	1
Nickel	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:22	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 17:11	07/09/20 23:22	1
Silver	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:22	1
Zinc	0.080	J	0.50	0.020	mg/L		07/09/20 17:11	07/09/20 23:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.095		0.050	0.010	mg/L		07/09/20 17:10	07/10/20 00:10	1
Barium	0.61		0.50	0.050	mg/L		07/09/20 17:10	07/10/20 00:10	1
Beryllium	0.0098		0.0040	0.0040	mg/L		07/09/20 17:10	07/10/20 00:10	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 17:10	07/10/20 00:10	1
Chromium	0.20		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:10	1
Cobalt	0.052		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:10	1
Copper	0.23		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:10	1
Iron	200		0.40	0.20	mg/L		07/09/20 17:10	07/10/20 00:10	1
Lead	0.11		0.0075	0.0075	mg/L		07/09/20 17:10	07/10/20 00:10	1
Manganese	0.69		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:10	1
Nickel	0.25		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:10	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 17:10	07/10/20 00:10	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: RP-2(0-4)-063020

Lab Sample ID: 500-184283-5

Date Collected: 06/30/20 09:10

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 83.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:10	1
Zinc	0.57		0.50	0.020	mg/L		07/09/20 17:10	07/10/20 00:10	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.4		1.2	0.23	mg/Kg	☼	07/07/20 17:08	07/08/20 09:18	1
Arsenic	10		0.59	0.20	mg/Kg	☼	07/07/20 17:08	07/08/20 09:18	1
Barium	50		0.59	0.067	mg/Kg	☼	07/07/20 17:08	07/08/20 09:18	1
Beryllium	0.97		0.24	0.055	mg/Kg	☼	07/07/20 17:08	07/08/20 09:18	1
Cadmium	0.11	J	0.12	0.021	mg/Kg	☼	07/07/20 17:08	07/08/20 09:18	1
Calcium	26000	B	12	2.0	mg/Kg	☼	07/07/20 17:08	07/08/20 09:18	1
Chromium	21		0.59	0.29	mg/Kg	☼	07/07/20 17:08	07/08/20 09:18	1
Cobalt	14		0.30	0.078	mg/Kg	☼	07/07/20 17:08	07/08/20 09:18	1
Copper	31		0.59	0.17	mg/Kg	☼	07/07/20 17:08	07/08/20 09:18	1
Iron	22000		12	6.2	mg/Kg	☼	07/07/20 17:08	07/08/20 09:18	1
Lead	23		0.30	0.14	mg/Kg	☼	07/07/20 17:08	07/08/20 09:18	1
Magnesium	17000		5.9	2.9	mg/Kg	☼	07/07/20 17:08	07/08/20 09:18	1
Manganese	310		0.59	0.086	mg/Kg	☼	07/07/20 17:08	07/08/20 09:18	1
Nickel	40		0.59	0.17	mg/Kg	☼	07/07/20 17:08	07/08/20 09:18	1
Potassium	3400		30	10	mg/Kg	☼	07/07/20 17:08	07/08/20 09:18	1
Selenium	0.39	J	0.59	0.35	mg/Kg	☼	07/07/20 17:08	07/08/20 09:18	1
Silver	<0.30		0.30	0.076	mg/Kg	☼	07/07/20 17:08	07/08/20 09:18	1
Sodium	1200		59	8.8	mg/Kg	☼	07/07/20 17:08	07/08/20 09:18	1
Thallium	<0.59		0.59	0.30	mg/Kg	☼	07/07/20 17:08	07/08/20 09:18	1
Vanadium	26	B	0.30	0.070	mg/Kg	☼	07/07/20 17:08	07/08/20 09:18	1
Zinc	74	B	1.2	0.52	mg/Kg	☼	07/07/20 17:08	07/08/20 09:18	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/20 12:40	07/10/20 10:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0010		0.0010	0.0010	mg/L		07/09/20 12:40	07/10/20 10:51	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.048		0.017	0.0058	mg/Kg	☼	07/08/20 01:35	07/09/20 08:08	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.9		0.1	0.1	SU			07/02/20 12:52	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: RP-1(0-4)-063020

Lab Sample ID: 500-184283-7

Date Collected: 06/30/20 09:25

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 81.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.0020		0.0020	0.00067	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00064	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00086	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
1,1-Dichloroethane	<0.0020		0.0020	0.00069	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
1,1-Dichloroethene	<0.0020		0.0020	0.00069	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
1,2-Dichloroethane	<0.0050		0.0050	0.0016	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00071	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
2-Hexanone	<0.0050		0.0050	0.0016	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
Acetone	<0.020		0.020	0.0088	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
Benzene	<0.0020		0.0020	0.00051	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
Bromodichloromethane	<0.0020		0.0020	0.00041	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
Bromoform	<0.0020		0.0020	0.00059	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
Bromomethane	<0.0050 *		0.0050	0.0019	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
Carbon disulfide	<0.0050		0.0050	0.0010	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
Carbon tetrachloride	<0.0020		0.0020	0.00058	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
Chlorobenzene	<0.0020		0.0020	0.00074	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
Chloroethane	<0.0050 *		0.0050	0.0015	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
Chloroform	<0.0020		0.0020	0.00070	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
Chloromethane	<0.0050		0.0050	0.0020	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00056	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00061	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
Dibromochloromethane	<0.0020		0.0020	0.00066	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
Ethylbenzene	<0.0020		0.0020	0.00096	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0022	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
methyl isobutyl ketone	<0.0050		0.0050	0.0015	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00059	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
Methylene Chloride	<0.0050		0.0050	0.0020	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
Styrene	<0.0020		0.0020	0.00061	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
Tetrachloroethene	<0.0020		0.0020	0.00068	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
Toluene	<0.0020		0.0020	0.00051	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00089	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00071	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
Trichloroethene	<0.0020		0.0020	0.00068	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
Vinyl chloride	<0.0020		0.0020	0.00089	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
Xylenes, Total	<0.0040		0.0040	0.00064	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		70 - 134	06/30/20 17:51	07/02/20 13:36	1
4-Bromofluorobenzene (Surr)	97		75 - 131	06/30/20 17:51	07/02/20 13:36	1
Dibromofluoromethane	96		75 - 126	06/30/20 17:51	07/02/20 13:36	1
Toluene-d8 (Surr)	89		75 - 124	06/30/20 17:51	07/02/20 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.042	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
1,4-Dichlorobenzene	<0.20		0.20	0.050	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: RP-1(0-4)-063020

Lab Sample ID: 500-184283-7

Date Collected: 06/30/20 09:25

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 81.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.090	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
2,4,6-Trichlorophenol	<0.39		0.39	0.13	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
2,4-Dichlorophenol	<0.39		0.39	0.093	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
2,4-Dinitrophenol	<0.79		0.79	0.69	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
2,4-Dinitrotoluene	<0.20		0.20	0.062	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
2,6-Dinitrotoluene	<0.20		0.20	0.077	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
2-Chloronaphthalene	<0.20		0.20	0.043	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
2-Chlorophenol	<0.20		0.20	0.067	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
2-Methylnaphthalene	<0.079		0.079	0.0072	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
2-Nitrophenol	<0.39		0.39	0.093	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
3 & 4 Methylphenol	<0.20		0.20	0.065	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.32	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
4-Chloroaniline	<0.79		0.79	0.18	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
4-Nitroaniline	<0.39		0.39	0.16	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
4-Nitrophenol	<0.79		0.79	0.37	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Acenaphthene	<0.039		0.039	0.0071	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Anthracene	<0.039		0.039	0.0066	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Benzo[a]anthracene	<0.039		0.039	0.0053	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Benzo[a]pyrene	<0.039		0.039	0.0076	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Benzo[b]fluoranthene	<0.039		0.039	0.0085	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Benzo[g,h,i]perylene	<0.039		0.039	0.013	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Benzo[k]fluoranthene	<0.039		0.039	0.012	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Butyl benzyl phthalate	<0.20		0.20	0.075	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Carbazole	<0.20		0.20	0.098	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Chrysene	<0.039		0.039	0.011	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Dibenz(a,h)anthracene	<0.039		0.039	0.0076	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Diethyl phthalate	<0.20		0.20	0.067	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Dimethyl phthalate	<0.20		0.20	0.051	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Fluoranthene	<0.039		0.039	0.0073	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Fluorene	<0.039		0.039	0.0055	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Hexachlorobenzene	<0.079		0.079	0.0091	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Hexachlorocyclopentadiene	<0.79		0.79	0.23	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Hexachloroethane	<0.20		0.20	0.060	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: RP-1(0-4)-063020

Lab Sample ID: 500-184283-7

Date Collected: 06/30/20 09:25

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 81.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.039		0.039	0.010	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Naphthalene	<0.039		0.039	0.0060	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Nitrobenzene	<0.039		0.039	0.0098	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
N-Nitrosodi-n-propylamine	<0.079	*	0.079	0.048	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
N-Nitrosodiphenylamine	<0.20	*	0.20	0.046	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Pentachlorophenol	<0.79		0.79	0.63	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Phenanthrene	<0.039		0.039	0.0055	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Phenol	<0.20		0.20	0.087	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Pyrene	<0.039		0.039	0.0078	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	63		31 - 143				07/08/20 07:25	07/09/20 04:02	1
2-Fluorobiphenyl	50		43 - 145				07/08/20 07:25	07/09/20 04:02	1
2-Fluorophenol	57		31 - 166				07/08/20 07:25	07/09/20 04:02	1
Nitrobenzene-d5	47		37 - 147				07/08/20 07:25	07/09/20 04:02	1
Phenol-d5	61		30 - 153				07/08/20 07:25	07/09/20 04:02	1
Terphenyl-d14	94		42 - 157				07/08/20 07:25	07/09/20 04:02	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/09/20 17:11	07/09/20 23:28	1
Barium	0.39	J	0.50	0.050	mg/L		07/09/20 17:11	07/09/20 23:28	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/09/20 17:11	07/09/20 23:28	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 17:11	07/09/20 23:28	1
Chromium	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:28	1
Cobalt	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:28	1
Copper	0.013	J	0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:28	1
Iron	<0.40		0.40	0.20	mg/L		07/09/20 17:11	07/09/20 23:28	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/09/20 17:11	07/09/20 23:28	1
Manganese	0.77		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:28	1
Nickel	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:28	1
Selenium	0.020	J	0.050	0.020	mg/L		07/09/20 17:11	07/09/20 23:28	1
Silver	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:28	1
Zinc	0.086	J	0.50	0.020	mg/L		07/09/20 17:11	07/09/20 23:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.12		0.050	0.010	mg/L		07/09/20 17:10	07/10/20 00:18	1
Barium	0.72		0.50	0.050	mg/L		07/09/20 17:10	07/10/20 00:18	1
Beryllium	0.012		0.0040	0.0040	mg/L		07/09/20 17:10	07/10/20 00:18	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 17:10	07/10/20 00:18	1
Chromium	0.23		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:18	1
Cobalt	0.065		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:18	1
Copper	0.27		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:18	1
Iron	250		0.40	0.20	mg/L		07/09/20 17:10	07/10/20 00:18	1
Lead	0.13		0.0075	0.0075	mg/L		07/09/20 17:10	07/10/20 00:18	1
Manganese	0.89		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:18	1
Nickel	0.31		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:18	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 17:10	07/10/20 00:18	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: RP-1(0-4)-063020

Lab Sample ID: 500-184283-7

Date Collected: 06/30/20 09:25

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 81.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:18	1
Zinc	0.67		0.50	0.020	mg/L		07/09/20 17:10	07/10/20 00:18	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.5		1.2	0.24	mg/Kg	☼	07/07/20 17:08	07/08/20 09:26	1
Arsenic	10		0.61	0.21	mg/Kg	☼	07/07/20 17:08	07/08/20 09:26	1
Barium	60		0.61	0.069	mg/Kg	☼	07/07/20 17:08	07/08/20 09:26	1
Beryllium	1.1		0.24	0.057	mg/Kg	☼	07/07/20 17:08	07/08/20 09:26	1
Cadmium	0.081	J	0.12	0.022	mg/Kg	☼	07/07/20 17:08	07/08/20 09:26	1
Calcium	17000	B	12	2.1	mg/Kg	☼	07/07/20 17:08	07/08/20 09:26	1
Chromium	25		0.61	0.30	mg/Kg	☼	07/07/20 17:08	07/08/20 09:26	1
Cobalt	18		0.30	0.080	mg/Kg	☼	07/07/20 17:08	07/08/20 09:26	1
Copper	29		0.61	0.17	mg/Kg	☼	07/07/20 17:08	07/08/20 09:26	1
Iron	24000		12	6.3	mg/Kg	☼	07/07/20 17:08	07/08/20 09:26	1
Lead	21		0.30	0.14	mg/Kg	☼	07/07/20 17:08	07/08/20 09:26	1
Magnesium	13000		6.1	3.0	mg/Kg	☼	07/07/20 17:08	07/08/20 09:26	1
Manganese	320		0.61	0.088	mg/Kg	☼	07/07/20 17:08	07/08/20 09:26	1
Nickel	43		0.61	0.18	mg/Kg	☼	07/07/20 17:08	07/08/20 09:26	1
Potassium	3700		30	11	mg/Kg	☼	07/07/20 17:08	07/08/20 09:26	1
Selenium	0.48	J	0.61	0.36	mg/Kg	☼	07/07/20 17:08	07/08/20 09:26	1
Silver	<0.30		0.30	0.079	mg/Kg	☼	07/07/20 17:08	07/08/20 09:26	1
Sodium	2400		61	9.0	mg/Kg	☼	07/07/20 17:08	07/08/20 09:26	1
Thallium	<0.61		0.61	0.30	mg/Kg	☼	07/07/20 17:08	07/08/20 09:26	1
Vanadium	31	B	0.30	0.072	mg/Kg	☼	07/07/20 17:08	07/08/20 09:26	1
Zinc	73	B	1.2	0.53	mg/Kg	☼	07/07/20 17:08	07/08/20 09:26	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/20 12:40	07/10/20 10:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0010		0.0010	0.0010	mg/L		07/09/20 12:40	07/10/20 10:54	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.020		0.020	0.0066	mg/Kg	☼	07/08/20 01:35	07/09/20 08:13	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.5		0.1	0.1	SU			07/02/20 12:55	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: RP-4(0-4)-063020D

Lab Sample ID: 500-184283-9

Date Collected: 06/30/20 08:30

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 82.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.0019		0.0019	0.00063	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00060	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00081	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
1,1-Dichloroethane	<0.0019		0.0019	0.00064	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
1,1-Dichloroethene	<0.0019		0.0019	0.00065	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
1,2-Dichloroethane	<0.0047		0.0047	0.0015	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
1,2-Dichloropropane	<0.0019		0.0019	0.00049	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00066	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
2-Hexanone	<0.0047		0.0047	0.0015	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
Acetone	<0.019		0.019	0.0082	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
Benzene	<0.0019		0.0019	0.00048	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
Bromodichloromethane	<0.0019		0.0019	0.00038	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
Bromoform	<0.0019		0.0019	0.00055	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
Bromomethane	<0.0047 *		0.0047	0.0018	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
Carbon disulfide	<0.0047		0.0047	0.00098	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
Carbon tetrachloride	<0.0019		0.0019	0.00055	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
Chlorobenzene	<0.0019		0.0019	0.00069	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
Chloroethane	<0.0047 *		0.0047	0.0014	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
Chloroform	<0.0019		0.0019	0.00065	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
Chloromethane	<0.0047		0.0047	0.0019	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00053	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00057	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
Dibromochloromethane	<0.0019		0.0019	0.00061	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
Ethylbenzene	<0.0019		0.0019	0.00090	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
Methyl Ethyl Ketone	<0.0047		0.0047	0.0021	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
methyl isobutyl ketone	<0.0047		0.0047	0.0014	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00055	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
Methylene Chloride	0.0020 J		0.0047	0.0019	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
Styrene	<0.0019		0.0019	0.00057	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
Tetrachloroethene	<0.0019		0.0019	0.00064	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
Toluene	<0.0019		0.0019	0.00047	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00083	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00066	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
Trichloroethene	<0.0019		0.0019	0.00064	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
Vinyl chloride	<0.0019		0.0019	0.00083	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
Xylenes, Total	<0.0038		0.0038	0.00060	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	84		70 - 134	06/30/20 17:51	07/02/20 14:27	1
4-Bromofluorobenzene (Surr)	95		75 - 131	06/30/20 17:51	07/02/20 14:27	1
Dibromofluoromethane	98		75 - 126	06/30/20 17:51	07/02/20 14:27	1
Toluene-d8 (Surr)	87		75 - 124	06/30/20 17:51	07/02/20 14:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.043	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
1,2-Dichlorobenzene	<0.20		0.20	0.048	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
1,3-Dichlorobenzene	<0.20		0.20	0.045	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
1,4-Dichlorobenzene	<0.20		0.20	0.051	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.047	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: RP-4(0-4)-063020D

Lab Sample ID: 500-184283-9

Date Collected: 06/30/20 08:30

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 82.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.40		0.40	0.092	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
2,4,6-Trichlorophenol	<0.40		0.40	0.14	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
2,4-Dichlorophenol	<0.40		0.40	0.095	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
2,4-Dimethylphenol	<0.40		0.40	0.15	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
2,4-Dinitrophenol	<0.81		0.81	0.71	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
2,4-Dinitrotoluene	<0.20		0.20	0.064	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
2,6-Dinitrotoluene	<0.20		0.20	0.079	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
2-Chlorophenol	<0.20		0.20	0.069	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
2-Methylnaphthalene	<0.081		0.081	0.0074	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
2-Methylphenol	<0.20		0.20	0.064	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
2-Nitroaniline	<0.20		0.20	0.054	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
2-Nitrophenol	<0.40		0.40	0.095	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
3 & 4 Methylphenol	<0.20		0.20	0.067	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.056	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
3-Nitroaniline	<0.40		0.40	0.12	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
4,6-Dinitro-2-methylphenol	<0.81		0.81	0.32	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.053	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
4-Chloro-3-methylphenol	<0.40		0.40	0.14	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
4-Chloroaniline	<0.81		0.81	0.19	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.047	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
4-Nitroaniline	<0.40		0.40	0.17	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
4-Nitrophenol	<0.81		0.81	0.38	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Acenaphthene	<0.040		0.040	0.0072	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Acenaphthylene	<0.040		0.040	0.0053	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Anthracene	<0.040		0.040	0.0067	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Benzo[a]anthracene	<0.040		0.040	0.0054	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Benzo[a]pyrene	<0.040		0.040	0.0078	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Benzo[b]fluoranthene	<0.040		0.040	0.0087	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Benzo[g,h,i]perylene	<0.040		0.040	0.013	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Benzo[k]fluoranthene	<0.040		0.040	0.012	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.041	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.060	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.073	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Butyl benzyl phthalate	<0.20		0.20	0.076	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Carbazole	<0.20		0.20	0.10	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Chrysene	<0.040		0.040	0.011	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Dibenz(a,h)anthracene	<0.040		0.040	0.0078	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Dibenzofuran	<0.20		0.20	0.047	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Diethyl phthalate	<0.20		0.20	0.068	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Dimethyl phthalate	<0.20		0.20	0.052	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Di-n-butyl phthalate	<0.20		0.20	0.061	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Di-n-octyl phthalate	<0.20		0.20	0.066	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Fluoranthene	<0.040		0.040	0.0074	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Fluorene	<0.040		0.040	0.0056	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Hexachlorobenzene	<0.081		0.081	0.0093	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Hexachlorobutadiene	<0.20		0.20	0.063	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Hexachlorocyclopentadiene	<0.81		0.81	0.23	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Hexachloroethane	<0.20		0.20	0.061	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: RP-4(0-4)-063020D

Lab Sample ID: 500-184283-9

Date Collected: 06/30/20 08:30

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 82.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.040		0.040	0.010	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Isophorone	<0.20		0.20	0.045	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Naphthalene	<0.040		0.040	0.0062	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Nitrobenzene	<0.040		0.040	0.010	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
N-Nitrosodi-n-propylamine	<0.081	*	0.081	0.049	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
N-Nitrosodiphenylamine	<0.20	*	0.20	0.047	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Pentachlorophenol	<0.81		0.81	0.64	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Phenanthrene	<0.040		0.040	0.0056	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Phenol	<0.20		0.20	0.089	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Pyrene	<0.040		0.040	0.0080	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	34		31 - 143	07/08/20 07:25	07/09/20 04:47	1
2-Fluorobiphenyl	36	X	43 - 145	07/08/20 07:25	07/09/20 04:47	1
2-Fluorophenol	40		31 - 166	07/08/20 07:25	07/09/20 04:47	1
Nitrobenzene-d5	37		37 - 147	07/08/20 07:25	07/09/20 04:47	1
Phenol-d5	35		30 - 153	07/08/20 07:25	07/09/20 04:47	1
Terphenyl-d14	43		42 - 157	07/08/20 07:25	07/09/20 04:47	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/09/20 17:11	07/09/20 23:33	1
Barium	0.43	J	0.50	0.050	mg/L		07/09/20 17:11	07/09/20 23:33	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/09/20 17:11	07/09/20 23:33	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 17:11	07/09/20 23:33	1
Chromium	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:33	1
Cobalt	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:33	1
Copper	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:33	1
Iron	<0.40		0.40	0.20	mg/L		07/09/20 17:11	07/09/20 23:33	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/09/20 17:11	07/09/20 23:33	1
Manganese	0.10		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:33	1
Nickel	0.010	J	0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:33	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 17:11	07/09/20 23:33	1
Silver	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:33	1
Zinc	0.080	J	0.50	0.020	mg/L		07/09/20 17:11	07/09/20 23:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.11		0.050	0.010	mg/L		07/09/20 17:10	07/10/20 00:26	1
Barium	0.65		0.50	0.050	mg/L		07/09/20 17:10	07/10/20 00:26	1
Beryllium	0.010		0.0040	0.0040	mg/L		07/09/20 17:10	07/10/20 00:26	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 17:10	07/10/20 00:26	1
Chromium	0.21		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:26	1
Cobalt	0.068		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:26	1
Copper	0.26		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:26	1
Iron	230		0.40	0.20	mg/L		07/09/20 17:10	07/10/20 00:26	1
Lead	0.12		0.0075	0.0075	mg/L		07/09/20 17:10	07/10/20 00:26	1
Manganese	0.89		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:26	1
Nickel	0.29		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:26	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 17:10	07/10/20 00:26	1

Euofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: RP-4(0-4)-063020D

Lab Sample ID: 500-184283-9

Date Collected: 06/30/20 08:30

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 82.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:26	1
Zinc	0.64		0.50	0.020	mg/L		07/09/20 17:10	07/10/20 00:26	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.4		1.2	0.23	mg/Kg	☼	07/07/20 17:08	07/08/20 09:34	1
Arsenic	11		0.59	0.20	mg/Kg	☼	07/07/20 17:08	07/08/20 09:34	1
Barium	53		0.59	0.067	mg/Kg	☼	07/07/20 17:08	07/08/20 09:34	1
Beryllium	1.0		0.24	0.055	mg/Kg	☼	07/07/20 17:08	07/08/20 09:34	1
Cadmium	0.12		0.12	0.021	mg/Kg	☼	07/07/20 17:08	07/08/20 09:34	1
Calcium	27000	B	12	2.0	mg/Kg	☼	07/07/20 17:08	07/08/20 09:34	1
Chromium	22		0.59	0.29	mg/Kg	☼	07/07/20 17:08	07/08/20 09:34	1
Cobalt	20		0.30	0.078	mg/Kg	☼	07/07/20 17:08	07/08/20 09:34	1
Copper	31		0.59	0.17	mg/Kg	☼	07/07/20 17:08	07/08/20 09:34	1
Iron	23000		12	6.2	mg/Kg	☼	07/07/20 17:08	07/08/20 09:34	1
Lead	22		0.30	0.14	mg/Kg	☼	07/07/20 17:08	07/08/20 09:34	1
Magnesium	18000		5.9	2.9	mg/Kg	☼	07/07/20 17:08	07/08/20 09:34	1
Manganese	430		0.59	0.086	mg/Kg	☼	07/07/20 17:08	07/08/20 09:34	1
Nickel	45		0.59	0.17	mg/Kg	☼	07/07/20 17:08	07/08/20 09:34	1
Potassium	3600		30	10	mg/Kg	☼	07/07/20 17:08	07/08/20 09:34	1
Selenium	0.50	J	0.59	0.35	mg/Kg	☼	07/07/20 17:08	07/08/20 09:34	1
Silver	<0.30		0.30	0.076	mg/Kg	☼	07/07/20 17:08	07/08/20 09:34	1
Sodium	1800		59	8.8	mg/Kg	☼	07/07/20 17:08	07/08/20 09:34	1
Thallium	0.33	J	0.59	0.30	mg/Kg	☼	07/07/20 17:08	07/08/20 09:34	1
Vanadium	28	B	0.30	0.070	mg/Kg	☼	07/07/20 17:08	07/08/20 09:34	1
Zinc	79	B	1.2	0.52	mg/Kg	☼	07/07/20 17:08	07/08/20 09:34	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/20 12:40	07/10/20 10:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0010		0.0010	0.0010	mg/L		07/09/20 12:40	07/10/20 10:57	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.020		0.019	0.0064	mg/Kg	☼	07/08/20 01:35	07/09/20 08:26	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.9		0.1	0.1	SU			07/02/20 12:58	1

Definitions/Glossary

Client: Weston Solutions, Inc.
 Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

Metals

Qualifier	Qualifier Description
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F3	Duplicate RPD exceeds the control limit
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL.
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

Eurofins TestAmerica, Chicago

Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Glossary (Continued)

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

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Accreditation/Certification Summary

Client: Weston Solutions, Inc.
 Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Laboratory: Eurofins TestAmerica, Chicago

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

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	IL00035	04-30-20 *

Laboratory: Eurofins TestAmerica, Cedar Falls

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

Authority	Program	Identification Number	Expiration Date
AIHA-LAP, LLC	Industrial Hygiene Laboratory Accreditation Program (IHLAP)	101044	11-01-20
Colorado	Petroleum Storage Tank Program	IA100001 (OR)	09-29-20
Georgia	State	IA100001 (OR)	09-29-20
Illinois	NELAP	200024	11-29-20
Iowa	State	007	12-01-21
Kansas	NELAP	E-10341	01-31-21
Minnesota	NELAP	019-999-319	12-31-20
Minnesota (Petrofund)	State	3349	08-22-21
North Dakota	State	R-186	09-30-20
Oregon	NELAP	IA100001	09-29-20
USDA	US Federal Programs	P330-19-00003	01-02-22

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



Address: _____

Regulatory Program: DW NPDES RCRA Other:

Client Contact		Project Manager: <u>Andris Slesers</u>		Site Contact: <u>T. Oberman</u>		Date: <u>6/30/20</u>		COC No:	
Company Name: <u>Weston</u>		Tel/Email:		Lab Contact: <u>D. Wright</u>		Carrier:		<u>1</u> of <u>3</u> COCs	
Address: <u>300 Plaza Cr</u>		Analysis Turnaround Time							
City/State/Zip: <u>Mundelein, IL 60060</u>		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS							
Phone: <u>224-864-7201</u>		TAT if different from Below							
Fax:		<input type="checkbox"/> 2 weeks <u>standard</u>							
Project Name: <u>Lombard 012</u>		<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.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Sample Specific Notes:
1	RP-4(0-4)-063020	6/30/20	0830	G	S	6			
2	RP-4(4-7)-063020		0840						
3	RP-3(0-4)-063020		0850						
4	RP-3(4-7)-063020		0855						
5	RP-2(0-4)-063020		0910						
6	RP-2(4-7)-063020		0915						
7	RP-1(0-4)-063020		0925						
8	RP-1(4-7)-063020		0930						
9	RP-4(0-4)-063020		0830						
10	GW-1(0-5)-063020		1000						
11	GW-1(5-10)-063020		1005						
12	GW-1(10-15)-063020		1010						
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other							Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.							<input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months		
<input checked="" type="checkbox"/> Non-Hazardous <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown									
Special Instructions/QC Requirements & Comments:									
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.: <u>1300</u>		Cooler Temp. (°C): Obs'd: _____		Corr'd: <u>11.4, 11.0, 8.3</u>		Therm ID No.:	
Relinquished by: <u>Janet Gorman</u>		Company: <u>Weston</u>		Date/Time: <u>6/30/20 1300</u>		Received by: <u>P. Neal</u>		Company: <u>TA</u>	
Relinquished by: <u>P. Neal</u>		Company: <u>TA</u>		Date/Time: <u>6/30/20 1410</u>		Received by: _____		Company: _____	
Relinquished by: _____		Company: _____		Date/Time: _____		Received in Laboratory by: <u>Adam Smith</u>		Company: <u>TA-CHE</u>	



Illinois Environmental Protection Agency

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

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

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

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

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

I. Source Location Information

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

Project Name: FAP 870: N Columbine Ave Office Phone Number, if available: _____

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

200-250 Troy Lane (ISGS Site No. 3911-2)

City: Lombard State: IL Zip Code: _____

County: DuPage Township: _____

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

Latitude: 41.89357 Longitude: -88.03264
(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.): 100

II. Owner/Operator Information for Source Site

Site Owner

Name: Illinois Department of Transportation

Street Address: 201 W. Center Court

PO Box: _____

City: Schaumburg State: IL

Zip Code: 60196 Phone: _____

Contact: Irma Romiti-Johnson

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

Site Operator

Name: Illinois Department of Transportation

Street Address: 201 W. Center Court

PO Box: _____

City: Schaumburg State: IL

Zip Code: 60196 Phone: _____

Contact: Irma Romiti-Johnson

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

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

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

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

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

LOCATIONS RB-1, RB-2, AND RB-4 WERE SAMPLED ADJACENT TO ISGS SITE No. 3911-2. SEE FIGURE 3-1 AND TABLE 4-1 OF THE FINAL PRELIMINARY SITE INVESTIGATION REPORT FOR SAMPLING DETAILS.

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

TESTAMERICA ANALYTICAL REPORT - JOB IDs: 500-184238-1 and 500-184242-1.

ALSO SEE FIGURE 4-1 OF THE FINAL PRELIMINARY SITE INVESTIGATION REPORT.

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

I, Margaret Doheny-Skubic, 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 Plaza Circle; Suite 202
 City: Mundelein State: IL Zip Code: 60060
 Phone: (224) 864-7200

Margaret Doheny-Skubic, P.G.

Printed Name:



Licensed Professional Engineer or
 Licensed Professional Geologist Signature:

12/21/2020

Date:



P.E or L.P.G. Seal:

Summary Table of ISGS Site No. 3911-002
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
Illinois Department of Transportation
FAP 870: IL Route 53 From Woodland Avenue to Meadow Avenue
Lombard, DuPage County, Illinois

Location	RB-1	RB-2	RB-4	Soil Reference Concentrations ^A
Sample Date	6/29/2020	6/29/2020	6/29/2020	
Field Sample ID	RB-1(0-4)-062920	RB-2(0-4)-062920	RB-4(0-4)-062920	
Lab Sample ID	500-184238-16	500-184238-18	500-184242-4	
ISGS Site Number	3911-002	3911-002	3911-002	
Parameters				
Laboratory pH	9.0	8.8	7.9	<6.25; >9.0
VOCs				
Acetone	ND	ND	0.017 J	25
SVOCs				
Anthracene	0.0085 J	ND	ND	12000
Benzo(a)anthracene	0.035 J	0.025 J	0.0091 J	0.9 / 1.1 / 1.8
Benzo(a)pyrene	0.039 J	0.03 J	0.0098 J	0.09 / 1.3 / 2.1
Benzo(b)fluoranthene	0.044	0.034 J	0.016 J	0.9 / 1.5 / 2.1
Benzo(g,h,i)perylene	0.022 J	0.02 J	0.013 J	---
Benzo(k)fluoranthene	0.014 J	0.014 J	ND	9
Chrysene	0.034 J	0.027 J	0.021 J	88.00001
Fluoranthene	0.074	0.05	0.02 J	3100
Indeno(1,2,3-cd)pyrene	0.019 J	0.017 J	ND	0.9 / 0.9 / 1.6
Phenanthrene	0.036 J	0.017 J	0.027 J	---
Pyrene	0.064	0.045	0.019 J	2300
Total Metals (mg/kg)				
Antimony, Total	1.1 J	1.2	1.1 J	5
Arsenic, Total	9.7	9.5	10	11.3 / 13.0
Barium, Total	51	62	47	1500
Beryllium, Total	0.87	0.86	0.9	22
Cadmium, Total	0.2	0.16	0.066 J	5.2
Calcium, Total	22000 B	24000 B	25000	---
Chromium, Total	24	24	21	21
Cobalt, Total	19	24	15	20
Copper, Total	29	28	26	2900
Iron, Total	22000 B	22000 B	24000	15000 / 15900
Lead, Total	40	44	18	107
Magnesium, Total	15000	16000	16000	325000
Manganese, Total	300	400	320	630 / 636
Mercury, Total	0.056	0.045	0.048	0.89
Nickel, Total	42	48	40	100
Potassium, Total	3500	3700	2900	---
Selenium, Total	0.57 J	0.41 J	ND	1.3
Sodium, Total	1900	2000	1000	---
Vanadium, Total	29	29	23	550
Zinc, Total	81	78	67	5100
TCLP Metals (mg/kg)				
Arsenic, TCLP	ND	ND	ND	0.05
Barium, TCLP	0.29 J	0.35 J	0.5	2
Beryllium, TCLP	ND	ND	ND	0.004
Cadmium, TCLP	ND	ND	ND	0.005
Chromium, TCLP	ND	ND	ND	0.1
Cobalt, TCLP	ND	ND	ND	1
Copper, TCLP	ND	ND	ND	0.65
Iron, TCLP	ND	ND	ND	5
Lead, TCLP	ND	ND	ND	0.0075
Manganese, TCLP	1.3	0.55	4.9	0.15
Mercury, TCLP	ND	ND	ND	0.002
Nickel, TCLP	ND	ND	ND	0.1
Selenium, TCLP	ND	ND	0.022 J	0.05
Zinc, TCLP	0.064 J	ND	0.065 J	5
SPLP Metals (mg/kg)				
Arsenic, SPLP	0.11	0.11	0.073	0.05
Barium, SPLP	0.59	0.71	0.53	2
Beryllium, SPLP	0.012	0.011	0.007	0.004
Cadmium, SPLP	ND	ND	ND	0.005
Chromium, SPLP	0.24	0.22	0.14	0.1
Cobalt, SPLP	0.093	0.079	0.075	1
Copper, SPLP	0.28	0.26	0.17	0.65
Iron, SPLP	250	230	150	5
Lead, SPLP	0.17	0.2	0.096	0.0075
Manganese, SPLP	1.4	1.1	1.5	0.15
Mercury, SPLP	ND	ND	ND	0.002
Nickel, SPLP	0.34	0.33	0.21	0.1
Selenium, SPLP	ND	ND	ND	0.05
Zinc, SPLP	0.65	0.64	0.35 J	5

Notes:

--- - not applicable or value not available.

^A - Soil reference concentrations from MAC Table. Background values for Chicago corporate limits and J - Estimated concentration.

ND - Constituent not detected above the reporting limit.

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

ANALYTICAL REPORT

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

Laboratory Job ID: 500-184238-1

Client Project/Site: IDOT - Lombard - WO 012

For:

Weston Solutions, Inc.
300 Plaza Circle, Suite 202
Mundelein, Illinois 60060

Attn: Mr. Andris Slesers



Authorized for release by:
7/10/2020 1:59:13 PM

Richard Wright, Senior Project Manager
(708)746-0045
Richard.Wright@Eurofinset.com

LINKS

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

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

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

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: RB-1(0-4)-062920

Lab Sample ID: 500-184238-16

Date Collected: 06/29/20 13:05

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 82.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.0017		0.0017	0.00056	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00053	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00072	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
1,1-Dichloroethane	<0.0017		0.0017	0.00057	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
1,1-Dichloroethene	<0.0017		0.0017	0.00058	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
1,2-Dichloroethane	<0.0042		0.0042	0.0013	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
1,2-Dichloropropane	<0.0017		0.0017	0.00043	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00059	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
2-Hexanone	<0.0042		0.0042	0.0013	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
Acetone	<0.017		0.017	0.0073	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
Benzene	<0.0017		0.0017	0.00043	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
Bromodichloromethane	<0.0017		0.0017	0.00034	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
Bromoform	<0.0017		0.0017	0.00049	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
Bromomethane	<0.0042 *		0.0042	0.0016	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
Carbon disulfide	<0.0042		0.0042	0.00087	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
Carbon tetrachloride	<0.0017		0.0017	0.00049	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
Chlorobenzene	<0.0017		0.0017	0.00062	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
Chloroethane	<0.0042 * *1		0.0042	0.0012	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
Chloroform	<0.0017		0.0017	0.00058	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
Chloromethane	<0.0042		0.0042	0.0017	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00047	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00050	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
Dibromochloromethane	<0.0017		0.0017	0.00055	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
Ethylbenzene	<0.0017		0.0017	0.00080	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
Methyl Ethyl Ketone	<0.0042		0.0042	0.0019	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
methyl isobutyl ketone	<0.0042		0.0042	0.0012	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00049	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
Methylene Chloride	<0.0042		0.0042	0.0016	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
Styrene	<0.0017		0.0017	0.00051	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
Tetrachloroethene	<0.0017		0.0017	0.00057	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
Toluene	<0.0017		0.0017	0.00042	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00074	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00059	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
Trichloroethene	<0.0017		0.0017	0.00057	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
Vinyl chloride	<0.0017		0.0017	0.00074	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
Xylenes, Total	<0.0033		0.0033	0.00054	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		70 - 134	06/30/20 17:51	07/01/20 13:22	1
4-Bromofluorobenzene (Surr)	96		75 - 131	06/30/20 17:51	07/01/20 13:22	1
Dibromofluoromethane	97		75 - 126	06/30/20 17:51	07/01/20 13:22	1
Toluene-d8 (Surr)	90		75 - 124	06/30/20 17:51	07/01/20 13:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
1,2-Dichlorobenzene	<0.20		0.20	0.048	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
1,3-Dichlorobenzene	<0.20		0.20	0.046	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
1,4-Dichlorobenzene	<0.20		0.20	0.052	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.047	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: RB-1(0-4)-062920

Lab Sample ID: 500-184238-16

Date Collected: 06/29/20 13:05

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 82.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.40		0.40	0.092	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
2,4,6-Trichlorophenol	<0.40		0.40	0.14	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
2,4-Dichlorophenol	<0.40		0.40	0.096	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
2,4-Dimethylphenol	<0.40		0.40	0.15	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
2,4-Dinitrophenol	<0.82		0.82	0.71	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
2,4-Dinitrotoluene	<0.20		0.20	0.064	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
2,6-Dinitrotoluene	<0.20		0.20	0.080	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
2-Chloronaphthalene	<0.20		0.20	0.045	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
2-Chlorophenol	<0.20		0.20	0.069	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
2-Methylnaphthalene	<0.082		0.082	0.0075	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
2-Methylphenol	<0.20		0.20	0.065	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
2-Nitroaniline	<0.20		0.20	0.055	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
2-Nitrophenol	<0.40		0.40	0.096	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
3 & 4 Methylphenol	<0.20		0.20	0.068	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.057	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
3-Nitroaniline	<0.40		0.40	0.13	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
4,6-Dinitro-2-methylphenol	<0.82		0.82	0.33	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.053	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
4-Chloro-3-methylphenol	<0.40		0.40	0.14	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
4-Chloroaniline	<0.82		0.82	0.19	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.047	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
4-Nitroaniline	<0.40		0.40	0.17	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
4-Nitrophenol	<0.82		0.82	0.39	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Acenaphthene	<0.040		0.040	0.0073	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Acenaphthylene	<0.040		0.040	0.0053	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Anthracene	0.0085	J	0.040	0.0068	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Benzo[a]anthracene	0.035	J	0.040	0.0055	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Benzo[a]pyrene	0.039	J	0.040	0.0078	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Benzo[b]fluoranthene	0.044		0.040	0.0087	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Benzo[g,h,i]perylene	0.022	J	0.040	0.013	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Benzo[k]fluoranthene	0.014	J	0.040	0.012	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.041	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.061	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.074	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Butyl benzyl phthalate	<0.20		0.20	0.077	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Carbazole	<0.20		0.20	0.10	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Chrysene	0.034	J	0.040	0.011	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Dibenz(a,h)anthracene	<0.040		0.040	0.0078	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Dibenzofuran	<0.20		0.20	0.047	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Diethyl phthalate	<0.20		0.20	0.069	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Dimethyl phthalate	<0.20		0.20	0.053	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Di-n-butyl phthalate	<0.20		0.20	0.062	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Di-n-octyl phthalate	<0.20		0.20	0.066	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Fluoranthene	0.074		0.040	0.0075	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Fluorene	<0.040		0.040	0.0057	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Hexachlorobenzene	<0.082		0.082	0.0094	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Hexachlorobutadiene	<0.20		0.20	0.064	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Hexachlorocyclopentadiene	<0.82		0.82	0.23	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Hexachloroethane	<0.20		0.20	0.062	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: RB-1(0-4)-062920

Lab Sample ID: 500-184238-16

Date Collected: 06/29/20 13:05

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 82.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.019	J	0.040	0.011	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Isophorone	<0.20		0.20	0.046	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Naphthalene	<0.040		0.040	0.0062	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Nitrobenzene	<0.040		0.040	0.010	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
N-Nitrosodi-n-propylamine	<0.082		0.082	0.050	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
N-Nitrosodiphenylamine	<0.20		0.20	0.048	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Pentachlorophenol	<0.82		0.82	0.65	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Phenanthrene	0.036	J	0.040	0.0056	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Phenol	<0.20		0.20	0.090	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Pyrene	0.064		0.040	0.0081	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	65		31 - 143				07/07/20 08:43	07/08/20 16:33	1
2-Fluorobiphenyl	78		43 - 145				07/07/20 08:43	07/08/20 16:33	1
2-Fluorophenol	101		31 - 166				07/07/20 08:43	07/08/20 16:33	1
Nitrobenzene-d5	69		37 - 147				07/07/20 08:43	07/08/20 16:33	1
Phenol-d5	88		30 - 153				07/07/20 08:43	07/08/20 16:33	1
Terphenyl-d14	108		42 - 157				07/07/20 08:43	07/08/20 16:33	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/09/20 06:16	07/09/20 20:35	1
Barium	0.29	J	0.50	0.050	mg/L		07/09/20 06:16	07/09/20 20:35	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/09/20 06:16	07/09/20 20:35	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 06:16	07/09/20 20:35	1
Chromium	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 20:35	1
Cobalt	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 20:35	1
Copper	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 20:35	1
Iron	<0.40		0.40	0.20	mg/L		07/09/20 06:16	07/09/20 20:35	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/09/20 06:16	07/09/20 20:35	1
Manganese	1.3		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 20:35	1
Nickel	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 20:35	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 06:16	07/09/20 20:35	1
Silver	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 20:35	1
Zinc	0.064	J	0.50	0.020	mg/L		07/09/20 06:16	07/09/20 20:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.11		0.050	0.010	mg/L		07/09/20 06:13	07/09/20 21:06	1
Barium	0.59		0.50	0.050	mg/L		07/09/20 06:13	07/09/20 21:06	1
Beryllium	0.012		0.0040	0.0040	mg/L		07/09/20 06:13	07/09/20 21:06	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 06:13	07/09/20 21:06	1
Chromium	0.24		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 21:06	1
Cobalt	0.093		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 21:06	1
Copper	0.28		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 21:06	1
Iron	250		0.40	0.20	mg/L		07/09/20 06:13	07/09/20 21:06	1
Lead	0.17		0.0075	0.0075	mg/L		07/09/20 06:13	07/09/20 21:06	1
Manganese	1.4		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 21:06	1
Nickel	0.34		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 21:06	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 06:13	07/09/20 21:06	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: RB-1(0-4)-062920

Lab Sample ID: 500-184238-16

Date Collected: 06/29/20 13:05

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 82.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 21:06	1
Zinc	0.65		0.50	0.020	mg/L		07/09/20 06:13	07/09/20 21:06	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.1	J	1.2	0.23	mg/Kg	☼	07/06/20 17:00	07/07/20 12:43	1
Arsenic	9.7		0.58	0.20	mg/Kg	☼	07/06/20 17:00	07/07/20 12:43	1
Barium	51		0.58	0.066	mg/Kg	☼	07/06/20 17:00	07/07/20 12:43	1
Beryllium	0.87		0.23	0.054	mg/Kg	☼	07/06/20 17:00	07/07/20 22:54	1
Cadmium	0.20		0.12	0.021	mg/Kg	☼	07/06/20 17:00	07/07/20 12:43	1
Calcium	22000	B	12	2.0	mg/Kg	☼	07/06/20 17:00	07/07/20 12:43	1
Chromium	24		0.58	0.29	mg/Kg	☼	07/06/20 17:00	07/07/20 12:43	1
Cobalt	19		0.29	0.076	mg/Kg	☼	07/06/20 17:00	07/07/20 12:43	1
Copper	29		0.58	0.16	mg/Kg	☼	07/06/20 17:00	07/07/20 12:43	1
Iron	22000	B	12	6.1	mg/Kg	☼	07/06/20 17:00	07/07/20 12:43	1
Lead	40		0.29	0.13	mg/Kg	☼	07/06/20 17:00	07/07/20 12:43	1
Magnesium	15000		5.8	2.9	mg/Kg	☼	07/06/20 17:00	07/07/20 22:54	1
Manganese	300		0.58	0.084	mg/Kg	☼	07/06/20 17:00	07/07/20 12:43	1
Nickel	42		0.58	0.17	mg/Kg	☼	07/06/20 17:00	07/07/20 12:43	1
Potassium	3500		29	10	mg/Kg	☼	07/06/20 17:00	07/07/20 12:43	1
Selenium	0.57	J	0.58	0.34	mg/Kg	☼	07/06/20 17:00	07/07/20 12:43	1
Silver	<0.29		0.29	0.075	mg/Kg	☼	07/06/20 17:00	07/07/20 12:43	1
Sodium	1900		58	8.6	mg/Kg	☼	07/06/20 17:00	07/07/20 12:43	1
Thallium	<0.58		0.58	0.29	mg/Kg	☼	07/06/20 17:00	07/07/20 12:43	1
Vanadium	29		0.29	0.069	mg/Kg	☼	07/06/20 17:00	07/07/20 12:43	1
Zinc	81		1.2	0.51	mg/Kg	☼	07/06/20 17:00	07/07/20 12:43	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/20 09:10	07/10/20 07:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0010		0.0010	0.0010	mg/L		07/09/20 09:10	07/10/20 09:23	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.056		0.020	0.0066	mg/Kg	☼	07/07/20 13:20	07/08/20 08:16	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	9.0		0.1	0.1	SU			07/02/20 11:26	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: RB-2(0-4)-062920

Lab Sample ID: 500-184238-18

Date Collected: 06/29/20 13:30

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 81.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.0016		0.0016	0.00053	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00051	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00068	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
1,1-Dichloroethane	<0.0016		0.0016	0.00054	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
1,1-Dichloroethene	<0.0016		0.0016	0.00055	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
1,2-Dichloroethane	<0.0040		0.0040	0.0012	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
1,2-Dichloropropane	<0.0016		0.0016	0.00041	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00056	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
2-Hexanone	<0.0040		0.0040	0.0012	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
Acetone	<0.016		0.016	0.0069	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
Benzene	<0.0016		0.0016	0.00040	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
Bromodichloromethane	<0.0016		0.0016	0.00032	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
Bromoform	<0.0016		0.0016	0.00046	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
Bromomethane	<0.0040 *		0.0040	0.0015	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
Carbon disulfide	<0.0040		0.0040	0.00083	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
Carbon tetrachloride	<0.0016		0.0016	0.00046	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
Chlorobenzene	<0.0016		0.0016	0.00059	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
Chloroethane	<0.0040 * *1		0.0040	0.0012	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
Chloroform	<0.0016		0.0016	0.00055	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
Chloromethane	<0.0040		0.0040	0.0016	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00044	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00048	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
Dibromochloromethane	<0.0016		0.0016	0.00052	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
Ethylbenzene	<0.0016		0.0016	0.00076	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
Methyl Ethyl Ketone	<0.0040		0.0040	0.0018	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
methyl isobutyl ketone	<0.0040		0.0040	0.0012	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00047	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
Methylene Chloride	<0.0040		0.0040	0.0016	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
Styrene	<0.0016		0.0016	0.00048	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
Tetrachloroethene	<0.0016		0.0016	0.00054	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
Toluene	<0.0016		0.0016	0.00040	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00070	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00056	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
Trichloroethene	<0.0016		0.0016	0.00054	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
Vinyl chloride	<0.0016		0.0016	0.00070	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
Xylenes, Total	<0.0032		0.0032	0.00051	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		70 - 134	06/30/20 17:51	07/01/20 14:13	1
4-Bromofluorobenzene (Surr)	93		75 - 131	06/30/20 17:51	07/01/20 14:13	1
Dibromofluoromethane	99		75 - 126	06/30/20 17:51	07/01/20 14:13	1
Toluene-d8 (Surr)	90		75 - 124	06/30/20 17:51	07/01/20 14:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
1,2-Dichlorobenzene	<0.20		0.20	0.049	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
1,3-Dichlorobenzene	<0.20		0.20	0.046	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
1,4-Dichlorobenzene	<0.20		0.20	0.052	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.047	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: RB-2(0-4)-062920

Lab Sample ID: 500-184238-18

Date Collected: 06/29/20 13:30

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 81.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.40		0.40	0.093	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
2,4,6-Trichlorophenol	<0.40		0.40	0.14	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
2,4-Dichlorophenol	<0.40		0.40	0.097	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
2,4-Dimethylphenol	<0.40		0.40	0.15	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
2,4-Dinitrophenol	<0.82		0.82	0.72	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
2,4-Dinitrotoluene	<0.20		0.20	0.065	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
2,6-Dinitrotoluene	<0.20		0.20	0.080	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
2-Chloronaphthalene	<0.20		0.20	0.045	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
2-Chlorophenol	<0.20		0.20	0.069	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
2-Methylnaphthalene	<0.082		0.082	0.0075	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
2-Methylphenol	<0.20		0.20	0.065	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
2-Nitroaniline	<0.20		0.20	0.055	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
2-Nitrophenol	<0.40		0.40	0.096	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
3 & 4 Methylphenol	<0.20		0.20	0.068	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.057	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
3-Nitroaniline	<0.40		0.40	0.13	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
4,6-Dinitro-2-methylphenol	<0.82		0.82	0.33	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.054	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
4-Chloro-3-methylphenol	<0.40		0.40	0.14	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
4-Chloroaniline	<0.82		0.82	0.19	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.048	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
4-Nitroaniline	<0.40		0.40	0.17	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
4-Nitrophenol	<0.82		0.82	0.39	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Acenaphthene	<0.040		0.040	0.0073	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Acenaphthylene	<0.040		0.040	0.0054	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Anthracene	<0.040		0.040	0.0068	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Benzo[a]anthracene	0.025	J	0.040	0.0055	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Benzo[a]pyrene	0.030	J	0.040	0.0079	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Benzo[b]fluoranthene	0.034	J	0.040	0.0088	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Benzo[g,h,i]perylene	0.020	J	0.040	0.013	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Benzo[k]fluoranthene	0.014	J	0.040	0.012	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.042	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.061	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.074	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Butyl benzyl phthalate	<0.20		0.20	0.077	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Carbazole	<0.20		0.20	0.10	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Chrysene	0.027	J	0.040	0.011	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Dibenz(a,h)anthracene	<0.040		0.040	0.0079	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Dibenzofuran	<0.20		0.20	0.048	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Diethyl phthalate	<0.20		0.20	0.069	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Dimethyl phthalate	<0.20		0.20	0.053	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Di-n-butyl phthalate	<0.20		0.20	0.062	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Di-n-octyl phthalate	<0.20		0.20	0.066	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Fluoranthene	0.050		0.040	0.0075	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Fluorene	<0.040		0.040	0.0057	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Hexachlorobenzene	<0.082		0.082	0.0094	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Hexachlorobutadiene	<0.20		0.20	0.064	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Hexachlorocyclopentadiene	<0.82		0.82	0.23	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Hexachloroethane	<0.20		0.20	0.062	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: RB-2(0-4)-062920

Lab Sample ID: 500-184238-18

Date Collected: 06/29/20 13:30

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 81.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.017	J	0.040	0.011	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Isophorone	<0.20		0.20	0.046	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Naphthalene	<0.040		0.040	0.0063	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Nitrobenzene	<0.040		0.040	0.010	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
N-Nitrosodi-n-propylamine	<0.082		0.082	0.050	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
N-Nitrosodiphenylamine	<0.20		0.20	0.048	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Pentachlorophenol	<0.82		0.82	0.65	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Phenanthrene	0.017	J	0.040	0.0057	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Phenol	<0.20		0.20	0.090	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Pyrene	0.045		0.040	0.0081	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	65		31 - 143				07/07/20 08:43	07/08/20 17:32	1
2-Fluorobiphenyl	82		43 - 145				07/07/20 08:43	07/08/20 17:32	1
2-Fluorophenol	105		31 - 166				07/07/20 08:43	07/08/20 17:32	1
Nitrobenzene-d5	72		37 - 147				07/07/20 08:43	07/08/20 17:32	1
Phenol-d5	90		30 - 153				07/07/20 08:43	07/08/20 17:32	1
Terphenyl-d14	107		42 - 157				07/07/20 08:43	07/08/20 17:32	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/09/20 06:16	07/09/20 20:41	1
Barium	0.35	J	0.50	0.050	mg/L		07/09/20 06:16	07/09/20 20:41	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/09/20 06:16	07/09/20 20:41	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 06:16	07/09/20 20:41	1
Chromium	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 20:41	1
Cobalt	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 20:41	1
Copper	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 20:41	1
Iron	<0.40		0.40	0.20	mg/L		07/09/20 06:16	07/09/20 20:41	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/09/20 06:16	07/09/20 20:41	1
Manganese	0.55		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 20:41	1
Nickel	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 20:41	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 06:16	07/09/20 20:41	1
Silver	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 20:41	1
Zinc	<0.50		0.50	0.020	mg/L		07/09/20 06:16	07/09/20 20:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.11		0.050	0.010	mg/L		07/09/20 06:13	07/09/20 21:14	1
Barium	0.71		0.50	0.050	mg/L		07/09/20 06:13	07/09/20 21:14	1
Beryllium	0.011		0.0040	0.0040	mg/L		07/09/20 06:13	07/09/20 21:14	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 06:13	07/09/20 21:14	1
Chromium	0.22		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 21:14	1
Cobalt	0.079		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 21:14	1
Copper	0.26		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 21:14	1
Iron	230		0.40	0.20	mg/L		07/09/20 06:13	07/09/20 21:14	1
Lead	0.20		0.0075	0.0075	mg/L		07/09/20 06:13	07/09/20 21:14	1
Manganese	1.1		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 21:14	1
Nickel	0.33		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 21:14	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 06:13	07/09/20 21:14	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: RB-2(0-4)-062920

Lab Sample ID: 500-184238-18

Date Collected: 06/29/20 13:30

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 81.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 21:14	1
Zinc	0.64		0.50	0.020	mg/L		07/09/20 06:13	07/09/20 21:14	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.2		1.2	0.23	mg/Kg	☼	07/06/20 17:00	07/07/20 13:12	1
Arsenic	9.5		0.58	0.20	mg/Kg	☼	07/06/20 17:00	07/07/20 13:12	1
Barium	62		0.58	0.067	mg/Kg	☼	07/06/20 17:00	07/07/20 13:12	1
Beryllium	0.86		0.23	0.055	mg/Kg	☼	07/06/20 17:00	07/07/20 23:02	1
Cadmium	0.16		0.12	0.021	mg/Kg	☼	07/06/20 17:00	07/07/20 13:12	1
Calcium	24000	B	12	2.0	mg/Kg	☼	07/06/20 17:00	07/07/20 13:12	1
Chromium	24		0.58	0.29	mg/Kg	☼	07/06/20 17:00	07/07/20 13:12	1
Cobalt	24		0.29	0.077	mg/Kg	☼	07/06/20 17:00	07/07/20 13:12	1
Copper	28		0.58	0.16	mg/Kg	☼	07/06/20 17:00	07/07/20 13:12	1
Iron	22000	B	12	6.1	mg/Kg	☼	07/06/20 17:00	07/07/20 13:12	1
Lead	44		0.29	0.14	mg/Kg	☼	07/06/20 17:00	07/07/20 13:12	1
Magnesium	16000		5.8	2.9	mg/Kg	☼	07/06/20 17:00	07/07/20 23:02	1
Manganese	400		0.58	0.085	mg/Kg	☼	07/06/20 17:00	07/07/20 13:12	1
Nickel	48		0.58	0.17	mg/Kg	☼	07/06/20 17:00	07/07/20 13:12	1
Potassium	3700		29	10	mg/Kg	☼	07/06/20 17:00	07/07/20 13:12	1
Selenium	0.41	J	0.58	0.34	mg/Kg	☼	07/06/20 17:00	07/07/20 13:12	1
Silver	<0.29		0.29	0.075	mg/Kg	☼	07/06/20 17:00	07/07/20 13:12	1
Sodium	2000		58	8.7	mg/Kg	☼	07/06/20 17:00	07/07/20 13:12	1
Thallium	<0.58		0.58	0.29	mg/Kg	☼	07/06/20 17:00	07/07/20 13:12	1
Vanadium	29		0.29	0.069	mg/Kg	☼	07/06/20 17:00	07/07/20 13:12	1
Zinc	78		1.2	0.51	mg/Kg	☼	07/06/20 17:00	07/07/20 13:12	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/20 09:10	07/10/20 07:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0010		0.0010	0.0010	mg/L		07/09/20 09:10	07/10/20 09:30	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.045		0.019	0.0063	mg/Kg	☼	07/07/20 13:20	07/08/20 08:20	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.8		0.1	0.1	SU			07/02/20 12:28	1

Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
*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.

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

Glossary

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

Accreditation/Certification Summary

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Laboratory: Eurofins TestAmerica, Chicago

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

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	IL00035	04-30-20 *

Laboratory: Eurofins TestAmerica, Cedar Falls

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


Authority	Program	Identification Number	Expiration Date
AIHA-LAP, LLC	Industrial Hygiene Laboratory Accreditation Program (IHLAP)	101044	11-01-20
Colorado	Petroleum Storage Tank Program	IA100001 (OR)	09-29-20
Georgia	State	IA100001 (OR)	09-29-20
Illinois	NELAP	200024	11-29-20
Iowa	State	007	12-01-21
Kansas	NELAP	E-10341	01-31-21
Minnesota	NELAP	019-999-319	12-31-20
Minnesota (Petrofund)	State	3349	08-22-21
North Dakota	State	R-186	09-30-20
Oregon	NELAP	IA100001	09-29-20
USDA	US Federal Programs	P330-19-00003	01-02-22

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

Address: _____

Regulatory Program: DW NPDES RCRA Other:

TAL-8210

Client Contact		Project Manager: <u>Andris Slesers</u>		Site Contact: <u>F. Oberman</u>		Date: <u>6/29/20</u>		COC No: _____				
Company Name: <u>Weston</u>		Tel/Email: _____		Lab Contact: <u>D. Wright</u>		Carrier: _____		2 of 2 COCs				
Address: <u>300 Plaza Cr</u>		Analysis Turnaround Time										
City/State/Zip: <u>Mundelein, IL 60060</u>		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below <input type="checkbox"/> 2 weeks <u>Standard</u> <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day										
Phone: <u>224-864-7201</u>		Filtered Sample (Y/N) Perform MS / MSD (Y/N) VOCs SVOCs Total Metals TCLP/SLP Metals PH								Sampler: _____		
Fax: _____										For Lab Use Only:		
Project Name: _____										Walk-in Client: _____		
Site: _____										Lab Sampling: _____		
PO # _____		Job / SDG No.: <u>500-184238</u>										
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Sample Specific Notes:					
13	GW-2(25-30)-062920	6/29/20	1215	G	S	6	X	X	X	X	X	Elmhurst  503325
14	GW-2(30-34)-062920		1225		S	6						
15	GW-2(34-37)-062920		1230		S	6						
16	RB-1(0-4)-062920		1305		S	6						
17	RB-1(4-7)-062920		1315		S	6						
18	RB-2(0-4)-062920		1330		S	6						
19	RB-2(4-7)-062920		1340		S	6						
	RB-3(0-4)-062920		1405		S	6						
	RB-3(0-4)-062920(D)		1405		S	6						
	RB-3(4-7)-062920		1415		S	6						
	RB-4(0-4)-062920		1430		S	6						
	RB-4(4-7)-062920		1440		S	6						
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other							Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)					
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.							<input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months					
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown												
Special Instructions/QC Requirements & Comments:												
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.: _____		Cooler Temp. (°C): Obs'd: <u>58.53</u>		Therm ID No.: _____						
Relinquished by: <u>[Signature]</u>		Company: _____		Date/Time: <u>1500 6/29/20</u>		Received by: <u>[Signature]</u>		Company: <u>TD</u>				
Relinquished by: <u>[Signature]</u>		Company: <u>TA</u>		Date/Time: <u>0800 6/30/20</u>		Received by: <u>[Signature]</u>		Company: <u>TA</u>				
Relinquished by: <u>[Signature]</u>		Company: <u>TA</u>		Date/Time: <u>0950 6/30/20</u>		Received in Laboratory by: <u>[Signature]</u>		Company: <u>TA</u>				

Eurofins TestAmerica, Chicago

2417 Bond Street
 University Park, IL 60484
 Phone: 708-534-5200 Fax: 708-534-5211

Chain of Custody Record



Client Information (Sub Contract Lab)		Sampler:		Lab PM: Wright, Richard		Carrier Tracking No(s):		COC No: 500-136821.2			
Client Contact: Shipping/Receiving		Phone:		E-Mail: richard.wright@testamericainc.com		State of Origin: Illinois		Page: Page 2 of 3			
Company: TestAmerica Laboratories, Inc		Accreditations Required (See note): NELAP - Illinois		Job #: 500-184238-1							
Address: 3019 Venture Way,		Due Date Requested: 7/8/2020		Analysis Requested						Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Z - other (specify)	
City: Cedar Falls		TAT Requested (days):									
State, Zip: IA, 50613		PO #:		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		9045/DI_LEACH_NP_PH		Total Number of containers	
Phone: 319-277-2401(Tel) 319-277-2425(Fax)		WO #:									
Email:		Project #: 50017783		Project Name: IDOT - Lombard - WO 012		SSOW#:		Site:		Other:	
Sample Identification - Client ID (Lab ID)		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=waste/oli, BT=Tissue, A=Air)		Special Instructions/Note:	
GW-2(10-15)-062920 (500-184238-10)		6/29/20		11:50 Central		Solid		X		1	
GW-2(15-20)-062920 (500-184238-11)		6/29/20		12:00 Central		Solid		X		1	
GW-2(20-25)-062920 (500-184238-12)		6/29/20		12:10 Central		Solid		X		1	
GW-2(25-30)-062920 (500-184238-13)		6/29/20		12:15 Central		Solid		X		1	
GW-2(30-34)-062920 (500-184238-14)		6/29/20		12:25 Central		Solid		X		1	
GW-2(34-37)-062920 (500-184238-15)		6/29/20		12:30 Central		Solid		X		1	
RB-1(0-4)-062920 (500-184238-16)		6/29/20		13:05 Central		Solid		X		1	
RB-1(4-7)-062920 (500-184238-17)		6/29/20		13:15 Central		Solid		X		1	
RB-2(0-4)-062920 (500-184238-18)		6/29/20		13:30 Central		Solid		X		1	
Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins TestAmerica.											
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)					
Unconfirmed						<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months					
Deliverable Requested: I, II, III, IV, Other (specify)				Primary Deliverable Rank: 2		Special Instructions/QC Requirements:					
Empty Kit Relinquished by:			Date:		Time:		Method of Shipment:				
Relinquished by: <i>Stephanie Humandey</i>			Date/Time: <i>6/30/20 1630</i>		Company: <i>TA-CHI</i>		Received by: <i>Mr</i>		Date/Time: <i>7/1/20 1055</i>		Company:
Relinquished by:			Date/Time:		Company:		Received by:		Date/Time:		Company:
Relinquished by:			Date/Time:		Company:		Received by:		Date/Time:		Company:
Custody Seals Intact: Δ Yes Δ No		Custody Seal No.:				Cooler Temperature(s) °C and Other Remarks:					

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7/10/2020



ANALYTICAL REPORT

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

Laboratory Job ID: 500-184242-1

Client Project/Site: IDOT - Lombard - WO 012

For:

Weston Solutions, Inc.
300 Plaza Circle, Suite 202
Mundelein, Illinois 60060

Attn: Mr. Andris Slesers



Authorized for release by:
7/10/2020 5:26:06 PM

Richard Wright, Senior Project Manager
(708)746-0045
Richard.Wright@Eurofinset.com

LINKS

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TotalAccess

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www.eurofinsus.com/Env

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

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

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

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184242-1

Client Sample ID: RB-4(0-4)-062920

Lab Sample ID: 500-184242-4

Date Collected: 06/29/20 14:30

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 83.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.0018		0.0018	0.00060	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00057	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00076	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
1,1-Dichloroethane	<0.0018		0.0018	0.00061	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
1,1-Dichloroethene	<0.0018		0.0018	0.00061	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
1,2-Dichloroethane	<0.0044		0.0044	0.0014	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
1,2-Dichloropropane	<0.0018		0.0018	0.00046	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00062	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
2-Hexanone	<0.0044		0.0044	0.0014	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
Acetone	0.017	J	0.018	0.0077	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
Benzene	<0.0018		0.0018	0.00045	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
Bromodichloromethane	<0.0018		0.0018	0.00036	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
Bromoform	<0.0018		0.0018	0.00052	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
Bromomethane	<0.0044		0.0044	0.0017	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
Carbon disulfide	<0.0044		0.0044	0.00092	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
Carbon tetrachloride	<0.0018		0.0018	0.00052	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
Chlorobenzene	<0.0018		0.0018	0.00066	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
Chloroethane	<0.0044		0.0044	0.0013	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
Chloroform	<0.0018		0.0018	0.00062	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
Chloromethane	<0.0044		0.0044	0.0018	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00050	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00054	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
Dibromochloromethane	<0.0018		0.0018	0.00058	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
Ethylbenzene	<0.0018		0.0018	0.00085	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
Methyl Ethyl Ketone	<0.0044		0.0044	0.0020	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
methyl isobutyl ketone	<0.0044		0.0044	0.0013	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00052	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
Methylene Chloride	<0.0044		0.0044	0.0017	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
Styrene	<0.0018		0.0018	0.00054	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
Tetrachloroethene	<0.0018		0.0018	0.00060	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
Toluene	<0.0018		0.0018	0.00045	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00079	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00062	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
Trichloroethene	<0.0018		0.0018	0.00060	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
Vinyl chloride	<0.0018		0.0018	0.00079	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
Xylenes, Total	<0.0036		0.0036	0.00057	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		70 - 134	06/30/20 17:51	07/02/20 18:05	1
4-Bromofluorobenzene (Surr)	115		75 - 131	06/30/20 17:51	07/02/20 18:05	1
Dibromofluoromethane	99		75 - 126	06/30/20 17:51	07/02/20 18:05	1
Toluene-d8 (Surr)	99		75 - 124	06/30/20 17:51	07/02/20 18:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.043	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
1,3-Dichlorobenzene	<0.20		0.20	0.045	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
1,4-Dichlorobenzene	<0.20		0.20	0.051	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184242-1

Client Sample ID: RB-4(0-4)-062920

Lab Sample ID: 500-184242-4

Date Collected: 06/29/20 14:30

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 83.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.091	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
2,4,6-Trichlorophenol	<0.39		0.39	0.14	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
2,4-Dichlorophenol	<0.39		0.39	0.094	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
2,4-Dinitrophenol	<0.80		0.80	0.70	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
2,4-Dinitrotoluene	<0.20		0.20	0.063	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
2,6-Dinitrotoluene	<0.20		0.20	0.078	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
2-Chlorophenol	<0.20		0.20	0.068	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
2-Methylnaphthalene	<0.080		0.080	0.0073	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
2-Methylphenol	<0.20		0.20	0.064	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
2-Nitrophenol	<0.39		0.39	0.094	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
3 & 4 Methylphenol	<0.20		0.20	0.066	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.056	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
4,6-Dinitro-2-methylphenol	<0.80		0.80	0.32	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
4-Chloro-3-methylphenol	<0.39		0.39	0.14	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
4-Chloroaniline	<0.80		0.80	0.19	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
4-Nitroaniline	<0.39		0.39	0.17	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
4-Nitrophenol	<0.80		0.80	0.38	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Acenaphthene	<0.039		0.039	0.0071	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Anthracene	<0.039		0.039	0.0066	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Benzo[a]anthracene	0.0091	J	0.039	0.0053	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Benzo[a]pyrene	0.0098	J	0.039	0.0077	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Benzo[b]fluoranthene	0.016	J	0.039	0.0086	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Benzo[g,h,i]perylene	0.013	J	0.039	0.013	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Benzo[k]fluoranthene	<0.039		0.039	0.012	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.041	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.060	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.073	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Butyl benzyl phthalate	<0.20		0.20	0.076	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Carbazole	<0.20		0.20	0.099	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Chrysene	0.021	J	0.039	0.011	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Dibenz(a,h)anthracene	<0.039		0.039	0.0077	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Dibenzofuran	<0.20		0.20	0.047	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Diethyl phthalate	<0.20		0.20	0.067	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Dimethyl phthalate	<0.20		0.20	0.052	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Di-n-octyl phthalate	<0.20		0.20	0.065	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Fluoranthene	0.020	J	0.039	0.0074	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Fluorene	<0.039		0.039	0.0056	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Hexachlorobenzene	<0.080		0.080	0.0092	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Hexachlorocyclopentadiene	<0.80		0.80	0.23	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Hexachloroethane	<0.20		0.20	0.060	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184242-1

Client Sample ID: RB-4(0-4)-062920

Lab Sample ID: 500-184242-4

Date Collected: 06/29/20 14:30

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 83.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.039		0.039	0.010	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Isophorone	<0.20		0.20	0.045	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Naphthalene	<0.039		0.039	0.0061	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Nitrobenzene	<0.039		0.039	0.0099	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
N-Nitrosodi-n-propylamine	<0.080		0.080	0.049	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
N-Nitrosodiphenylamine	<0.20		0.20	0.047	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Pentachlorophenol	<0.80		0.80	0.64	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Phenanthrene	0.027	J	0.039	0.0055	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Phenol	<0.20		0.20	0.088	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Pyrene	0.019	J	0.039	0.0079	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	117		31 - 143				07/06/20 20:35	07/07/20 13:19	1
2-Fluorobiphenyl	102		43 - 145				07/06/20 20:35	07/07/20 13:19	1
2-Fluorophenol	91		31 - 166				07/06/20 20:35	07/07/20 13:19	1
Nitrobenzene-d5	92		37 - 147				07/06/20 20:35	07/07/20 13:19	1
Phenol-d5	102		30 - 153				07/06/20 20:35	07/07/20 13:19	1
Terphenyl-d14	120		42 - 157				07/06/20 20:35	07/07/20 13:19	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/09/20 06:18	07/09/20 21:17	1
Barium	0.50		0.50	0.050	mg/L		07/09/20 06:18	07/09/20 21:17	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/09/20 06:18	07/09/20 21:17	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 06:18	07/09/20 21:17	1
Chromium	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:17	1
Cobalt	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:17	1
Copper	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:17	1
Iron	<0.40		0.40	0.20	mg/L		07/09/20 06:18	07/09/20 21:17	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/09/20 06:18	07/09/20 21:17	1
Manganese	4.9		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:17	1
Nickel	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:17	1
Selenium	0.022	J	0.050	0.020	mg/L		07/09/20 06:18	07/09/20 21:17	1
Silver	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:17	1
Zinc	0.065	J	0.50	0.020	mg/L		07/09/20 06:18	07/09/20 21:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.073		0.050	0.010	mg/L		07/09/20 06:15	07/09/20 22:03	1
Barium	0.53		0.50	0.050	mg/L		07/09/20 06:15	07/09/20 22:03	1
Beryllium	0.0070		0.0040	0.0040	mg/L		07/09/20 06:15	07/09/20 22:03	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 06:15	07/09/20 22:03	1
Chromium	0.14		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:03	1
Cobalt	0.075		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:03	1
Copper	0.17		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:03	1
Iron	150		0.40	0.20	mg/L		07/09/20 06:15	07/09/20 22:03	1
Lead	0.096		0.0075	0.0075	mg/L		07/09/20 06:15	07/09/20 22:03	1
Manganese	1.5		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:03	1
Nickel	0.21		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:03	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 06:15	07/09/20 22:03	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184242-1

Client Sample ID: RB-4(0-4)-062920

Lab Sample ID: 500-184242-4

Date Collected: 06/29/20 14:30

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 83.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:03	1
Zinc	0.35	J	0.50	0.020	mg/L		07/09/20 06:15	07/09/20 22:03	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.1	J	1.2	0.23	mg/Kg	☼	07/07/20 07:32	07/07/20 20:48	1
Arsenic	10		0.59	0.20	mg/Kg	☼	07/07/20 07:32	07/07/20 20:48	1
Barium	47		0.59	0.068	mg/Kg	☼	07/07/20 07:32	07/07/20 20:48	1
Beryllium	0.90		0.24	0.056	mg/Kg	☼	07/07/20 07:32	07/07/20 20:48	1
Cadmium	0.066	J	0.12	0.021	mg/Kg	☼	07/07/20 07:32	07/07/20 20:48	1
Calcium	25000		12	2.0	mg/Kg	☼	07/07/20 07:32	07/07/20 20:48	1
Chromium	21		0.59	0.29	mg/Kg	☼	07/07/20 07:32	07/07/20 20:48	1
Cobalt	15		0.30	0.078	mg/Kg	☼	07/07/20 07:32	07/07/20 20:48	1
Copper	26		0.59	0.17	mg/Kg	☼	07/07/20 07:32	07/07/20 20:48	1
Iron	24000		12	6.2	mg/Kg	☼	07/07/20 07:32	07/07/20 20:48	1
Lead	18		0.30	0.14	mg/Kg	☼	07/07/20 07:32	07/07/20 20:48	1
Magnesium	16000		5.9	2.9	mg/Kg	☼	07/07/20 07:32	07/07/20 20:48	1
Manganese	320		0.59	0.086	mg/Kg	☼	07/07/20 07:32	07/07/20 20:48	1
Nickel	40		0.59	0.17	mg/Kg	☼	07/07/20 07:32	07/07/20 20:48	1
Potassium	2900		30	11	mg/Kg	☼	07/07/20 07:32	07/07/20 20:48	1
Selenium	<0.59		0.59	0.35	mg/Kg	☼	07/07/20 07:32	07/07/20 20:48	1
Silver	<0.30		0.30	0.077	mg/Kg	☼	07/07/20 07:32	07/07/20 20:48	1
Sodium	1000		59	8.8	mg/Kg	☼	07/07/20 07:32	07/07/20 20:48	1
Thallium	<0.59		0.59	0.30	mg/Kg	☼	07/07/20 07:32	07/07/20 20:48	1
Vanadium	23		0.30	0.070	mg/Kg	☼	07/07/20 07:32	07/07/20 20:48	1
Zinc	67		1.2	0.52	mg/Kg	☼	07/07/20 07:32	07/07/20 20:48	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/20 09:10	07/10/20 08:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00033		0.00033	0.00033	mg/L		07/09/20 09:10	07/10/20 07:59	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.048		0.019	0.0064	mg/Kg	☼	07/07/20 13:20	07/08/20 09:23	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.9		0.1	0.1	SU			07/02/20 12:36	1

Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184242-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
F3	Duplicate RPD exceeds the control limit
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Accreditation/Certification Summary

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184242-1

Laboratory: Eurofins TestAmerica, Chicago

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

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	IL00035	04-30-20 *

Laboratory: Eurofins TestAmerica, Cedar Falls

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

Authority	Program	Identification Number	Expiration Date
AIHA-LAP, LLC	Industrial Hygiene Laboratory Accreditation Program (IHLAP)	101044	11-01-20
Colorado	Petroleum Storage Tank Program	IA100001 (OR)	09-29-20
Georgia	State	IA100001 (OR)	09-29-20
Illinois	NELAP	200024	11-29-20
Iowa	State	007	12-01-21
Kansas	NELAP	E-10341	01-31-21
Minnesota	NELAP	019-999-319	12-31-20
Minnesota (Petrofund)	State	3349	08-22-21
North Dakota	State	R-186	09-30-20
Oregon	NELAP	IA100001	09-29-20
USDA	US Federal Programs	P330-19-00003	01-02-22

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

Chain of Custody Record

450000




Environment Testing
TestAmerica

TAL-8210

Address: _____

Regulatory Program: DW NPDES RCRA Other:

Client Contact		Project Manager: <u>Ardis Siegers</u>		Site Contact: <u>T. Ogerman</u>		Date: <u>6/29/20</u>		COC No:					
Company Name: <u>Weston</u>		Tel/Email:		Lab Contact: <u>D. Wright</u>		Carrier:		<u>2</u> of <u>2</u> COCs					
Address: <u>300 Plaza Cr</u>		Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below <input type="checkbox"/> 2 weeks <u>Standard</u> <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Filtered Sample (Y/N) Perform MS / MSD (Y/N) VOCs SVOCs Total Metals TCLP/SPL Metals PH		 500-184242 COC		Sampler: For Lab Use Only: Walk-in Client: _____ Lab Sampling: _____					
City/State/Zip: <u>Murderer, IL 60060</u>								Job / SDG No.: <u>500-184242</u>					
Phone: <u>224-864-7201</u>								Sample Specific Notes:					
Fax:													
Project Name:													
Site:													
P O #													
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	VOCs	SVOCs	Total Metals	TCLP/SPL Metals	PH
<u>GW-2(25-30)-062920</u>		<u>6/29/20</u>	<u>1215</u>	<u>G</u>	<u>S</u>	<u>6</u>			<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
<u>GW-2(30-34)-062920</u>			<u>1335</u>		<u>S</u>	<u>6</u>							
<u>GW-2(34-37)-062920</u>			<u>1230</u>		<u>S</u>	<u>6</u>							
<u>RB-1(0-4)-062920</u>			<u>1305</u>		<u>S</u>	<u>6</u>							
<u>RB-1(4-7)-062920</u>			<u>1315</u>		<u>S</u>	<u>6</u>							
<u>RB-2(0-4)-062920</u>			<u>1330</u>		<u>S</u>	<u>6</u>							
<u>RB-2(4-7)-062920</u>			<u>1340</u>		<u>S</u>	<u>6</u>							
<u>RB-3(0-4)-062920</u>			<u>1405</u>		<u>S</u>	<u>6</u>							
<u>RB-3(0-4)-062920</u>			<u>1405</u>		<u>S</u>	<u>6</u>							
<u>RB-3(4-7)-062920</u>			<u>1415</u>		<u>S</u>	<u>6</u>							
<u>RB-4(0-4)-062920</u>			<u>1430</u>		<u>S</u>	<u>6</u>							
<u>RB-4(4-7)-062920</u>			<u>1440</u>		<u>S</u>	<u>6</u>							
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other							Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months						
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample. <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown													
Special Instructions/QC Requirements & Comments:													
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No				Custody Seal No.:				Cooler Temp. (°C): Obs'd: <u>5.5</u> Cor'd:				Therm ID No.:	
Relinquished by: <u>T. Ogerman</u>				Company: <u>IA</u>		Date/Time: <u>6/29/20 1500</u>		Received by: <u>[Signature]</u>				Company: <u>IA</u>	
Relinquished by: <u>[Signature]</u>				Company: <u>IA</u>		Date/Time: <u>0800</u>		Received by: <u>[Signature]</u>				Company: <u>IA</u>	
Relinquished by: <u>[Signature]</u>				Company: <u>IA</u>		Date/Time: <u>0950</u>		Received in Laboratory by: <u>[Signature]</u>				Company: <u>IA</u>	



Illinois Environmental Protection Agency

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

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

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

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

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

I. Source Location Information

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

Project Name: FAP 870: N Columbine Ave Office Phone Number, if available: _____

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

200 Block of N Columbine Ave (ISGS Site No. 3911-3)

City: Lombard State: IL Zip Code: _____

County: DuPage Township: _____

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

Latitude: 41.89222 Longitude: - 88.03287
(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.): 478

II. Owner/Operator Information for Source Site

Site Owner

Name: Illinois Department of Transportation

Street Address: 201 W. Center Court

PO Box: _____

City: Schaumburg State: IL

Zip Code: 60196 Phone: _____

Contact: Irma Romiti-Johnson

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

Site Operator

Name: Illinois Department of Transportation

Street Address: 201 W. Center Court

PO Box: _____

City: Schaumburg State: IL

Zip Code: 60196 Phone: _____

Contact: Irma Romiti-Johnson

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

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

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

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

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

LOCATIONS RP-1, RP-2, RP-3, RP-4, RB-1, RB-2, RB-4, GW-1, VL-1, VL-2, BA-1, BA-2, R7-1, R7-2, R8-1, and R8-2 WERE SAMPLED ADJACENT TO ISGS SITE No. 3911-3. SEE FIGURE 3-1 AND TABLE 4-1 OF THE FINAL PRELIMINARY SITE INVESTIGATION REPORT FOR SAMPLING DETAILS.

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

TESTAMERICA ANALYTICAL REPORT - JOB ID: 500-184242-1, 500-184238-1, 500-184284-3, AND 500-184283-1. ALSO SEE FIGURE 4-1 OF THE FINAL PRELIMINARY SITE INVESTIGATION REPORT.

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

I, Margaret Doheny-Skubic, 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 Plaza Circle; Suite 202
 City: Mundelein State: IL Zip Code: 60060
 Phone: (224) 864-7200

Margaret Doheny-Skubic, P.G.

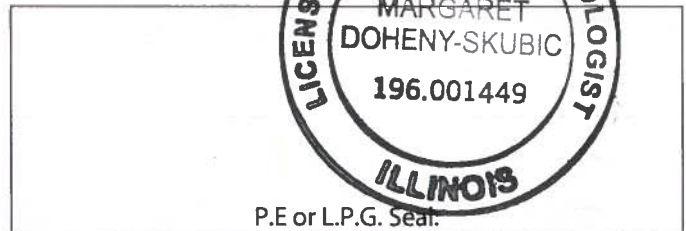
Printed Name:



Licensed Professional Engineer or
 Licensed Professional Geologist Signature:

12/21/2020

Date:



Summary Table of ISGS Site No. 3911-003
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
Illinois Department of Transportation
FAP 870: IL Route 53 From Woodland Avenue to Meadow Avenue
Lombard, DuPage County, Illinois

Location	RP-1	RP-2	RP-3	RP-4	RP-4	Soil Reference Concentrations ^A
Sample Date	6/30/2020	6/30/2020	6/30/2020	6/30/2020	6/30/2020	
Field Sample ID	RP-1(0-4)-063020	RP-2(0-4)-063020	RP-3(0-4)-063020	RP-4(0-4)-063020	RP-4(0-4)-063020D	
Lab Sample ID	500-184283-7	500-184283-5	500-184283-3	500-184283-1	500-184283-9	
ISGS Site Number	3911-001	3911-001	3911-001	3911-001	3911-001	
Parameters						
Laboratory pH	8.5	8.9	8.6	8.8	8.9	<6.25; >9.0
VOCs						
Acetone	ND	ND	ND	ND	ND	25
Methylene chloride	ND	ND	0.0025 J	0.002 J	0.0041 J	0.02
SVOCs						
2-Methylnaphthalene	ND	ND	ND	ND	ND	---
Acenaphthene	ND	ND	ND	ND	ND	570
Acenaphthylene	ND	ND	ND	ND	ND	---
Anthracene	ND	ND	ND	ND	0.0067 J	12000
Benzo(a)anthracene	ND	0.0061 J	ND	ND	0.035 J	0.9 / 1.1 / 1.8
Benzo(a)pyrene	ND	ND	ND	ND	0.025 J	0.09 / 1.3 / 2.1
Benzo(b)fluoranthene	ND	0.0092 J	ND	ND	0.032 J	0.9 / 1.5 / 2.1
Benzo(g,h,i)perylene	ND	ND	ND	ND	0.015 J	---
Benzo(k)fluoranthene	ND	ND	ND	ND	0.014 J	9
Chrysene	ND	0.011 J	ND	ND	0.041	88.00001
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	0.09 / 0.2 / 0.42
Fluoranthene	ND	0.0076 J	ND	ND	0.068	3100
Fluorene	ND	ND	ND	ND	ND	560
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	0.014 J	0.9 / 0.9 / 1.6
Phenanthrene	ND	0.0073 J	ND	ND	0.033 J	---
Pyrene	ND	0.0099 J	ND	ND	0.059	2300
Total Metals (mg/kg)						
Antimony, Total	1.5	1.4	1.4	1.3 J	1.4	5
Arsenic, Total	10	10	10	11 J	11	11.3 / 13.0
Barium, Total	60	50	49	49	53	1500
Beryllium, Total	1.1	0.97	0.96	1.1	1	22
Cadmium, Total	0.081 J	0.11 J	0.13	0.085 J	0.12	5.2
Calcium, Total	17000 B	26000 B	28000 B	19000 J	27000 B	---
Chromium, Total	25	21	22	22	22	21
Cobalt, Total	18	14	13	18 J	20	20
Copper, Total	29	31	24	29	31	2900
Iron, Total	24000	22000	22000	23000	23000	15000 / 15900
Lead, Total	21	23	16	20 J	22	107
Magnesium, Total	13000	17000	18000	13000	18000	325000
Manganese, Total	320	310	310	320 J	430	630 / 636
Mercury, Total	0.02	0.048	0.038	0.056 J	0.02 J	0.89
Nickel, Total	43	40	38	45	45	100
Potassium, Total	3700	3400	3700	3200	3600	---
Selenium, Total	0.48 J	0.39 J	ND	0.6 J	0.5 J	1.3
Sodium, Total	2400	1200	1700	2100 J	1800	---
Thallium, Total	ND	ND	ND	ND	0.33 J	2.6
Vanadium, Total	31 B	26 B	26 B	28 B	28 B	550
Zinc, Total	73 B	74 B	68 B	70 B	79 B	5100
TCLP Metals (mg/kg)						
Arsenic, TCLP	ND	ND	ND	ND	ND	0.05
Barium, TCLP	0.39 J	0.37 J	0.34 J	0.37 J	0.43 J	2
Beryllium, TCLP	ND	ND	ND	ND	ND	0.004
Cadmium, TCLP	ND	ND	ND	ND	ND	0.005
Chromium, TCLP	ND	ND	ND	ND	ND	0.1
Cobalt, TCLP	ND	ND	ND	ND	ND	1
Copper, TCLP	0.013 J	ND	ND	ND	ND	0.65
Iron, TCLP	ND	ND	ND	ND	ND	5
Lead, TCLP	ND	ND	ND	ND	ND	0.0075
Manganese, TCLP	0.77	0.74	0.065	0.059 J	0.1 J	0.15
Mercury, TCLP	ND	ND	ND	ND	ND	0.002
Nickel, TCLP	ND	ND	ND	ND	0.01 J	0.1
Selenium, TCLP	0.02 J	ND	ND	ND	ND	0.05
Zinc, TCLP	0.086 J	0.08 J	0.052 J	0.03 J	0.08 J	5
SPLP Metals (mg/kg)						
Arsenic, SPLP	0.12	0.095	0.095	0.1	0.11	0.05
Barium, SPLP	0.72	0.61	0.52	0.65	0.65	2
Beryllium, SPLP	0.012	0.0098	0.0082	0.01	0.01	0.004
Cadmium, SPLP	ND	ND	ND	ND	ND	0.005
Chromium, SPLP	0.23	0.2	0.17	0.2	0.21	0.1
Cobalt, SPLP	0.065	0.052	0.053	0.064	0.068	1
Copper, SPLP	0.27	0.23	0.22	0.25	0.26	0.65
Iron, SPLP	250	200	190	220	230	5
Lead, SPLP	0.13	0.11	0.098	0.16	0.12	0.0075
Manganese, SPLP	0.89	0.69	0.7	0.9	0.89	0.15
Mercury, SPLP	ND	ND	ND	ND	ND	0.002
Nickel, SPLP	0.31	0.25	0.23	0.28	0.29	0.1
Selenium, SPLP	ND	ND	ND	ND	ND	0.05
Zinc, SPLP	0.67	0.57	0.58	0.64	0.64	5

Summary Table of ISGS Site No. 3911-003
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
Illinois Department of Transportation
FAP 870: IL Route 53 From Woodland Avenue to Meadow Avenue
Lombard, DuPage County, Illinois

Location	RB-1	RB-2	RB-4	GW-1	VL-1	Soil Reference Concentrations ^A
Sample Date	6/29/2020	6/29/2020	6/29/2020	6/30/2020	6/30/2020	
Field Sample ID	RB-1(0-4)-062920	RB-2(0-4)-062920	RB-4(0-4)-062920	GW-1(0-5)-063020	VL-1(0-4)-063020	
Lab Sample ID	500-184238-16	500-184238-18	500-184242-4	500-184283-10	500-184284-1	
ISGS Site Number	3911-002	3911-002	3911-002	3911-004	3911-005	
Parameters						
Laboratory pH	9.0	8.8	7.9	9.0	8.5	<6.25; >9.0
VOCs						
Acetone	ND	ND	0.017 J	ND	ND	25
Methylene chloride	ND	ND	ND	0.0054	ND	0.02
SVOCs						
2-Methylnaphthalene	ND	ND	ND	ND	ND	---
Acenaphthene	ND	ND	ND	ND	ND	570
Acenaphthylene	ND	ND	ND	ND	ND	---
Anthracene	0.0085 J	ND	ND	ND	ND	12000
Benzo(a)anthracene	0.035 J	0.025 J	0.0091 J	0.012 J	0.011 J	0.9 / 1.1 / 1.8
Benzo(a)pyrene	0.039 J	0.03 J	0.0098 J	0.015 J	0.029 J	0.09 / 1.3 / 2.1
Benzo(b)fluoranthene	0.044	0.034 J	0.016 J	0.019 J	0.039	0.9 / 1.5 / 2.1
Benzo(g,h,i)perylene	0.022 J	0.02 J	0.013 J	0.015 J	0.013 J	---
Benzo(k)fluoranthene	0.014 J	0.014 J	ND	ND	ND	9
Chrysene	0.034 J	0.027 J	0.021 J	0.014 J	0.017 J	88.00001
Dibenzo(a,h)anthracene	ND	ND	ND	ND	0.029 J	0.09 / 0.2 / 0.42
Fluoranthene	0.074	0.05	0.02 J	0.02 J	0.015 J	3100
Fluorene	ND	ND	ND	ND	ND	560
Indeno(1,2,3-cd)pyrene	0.019 J	0.017 J	ND	0.011 J	0.031 J	0.9 / 0.9 / 1.6
Phenanthrene	0.036 J	0.017 J	0.027 J	0.0098 J	0.011 J	---
Pyrene	0.064	0.045	0.019 J	0.021 J	0.021 J	2300
Total Metals (mg/kg)						
Antimony, Total	1.1 J	1.2	1.1 J	1.2	1.4	5
Arsenic, Total	9.7	9.5	10	10	9.4	11.3 / 13.0
Barium, Total	51	62	47	62	46	1500
Beryllium, Total	0.87	0.86	0.9	0.94	0.86	22
Cadmium, Total	0.2	0.16	0.066 J	0.12	0.13	5.2
Calcium, Total	22000 B	24000 B	25000	25000 B	29000	---
Chromium, Total	24	24	21	21	19	21
Cobalt, Total	19	24	15	15	16	20
Copper, Total	29	28	26	29	26	2900
Iron, Total	22000 B	22000 B	24000	22000	22000	15000 / 15900
Lead, Total	40	44	18	27	21	107
Magnesium, Total	15000	16000	16000	16000	18000	325000
Manganese, Total	300	400	320	360	340	630 / 636
Mercury, Total	0.056	0.045	0.048	0.022	0.025	0.89
Nickel, Total	42	48	40	39	39	100
Potassium, Total	3500	3700	2900	3100	2900	---
Selenium, Total	0.57 J	0.41 J	ND	ND	ND	1.3
Sodium, Total	1900	2000	1000	1700	2300	---
Thallium, Total	ND	ND	ND	ND	ND	2.6
Vanadium, Total	29	29	23	26 B	22	550
Zinc, Total	81	78	67	73 B	71	5100
TCLP Metals (mg/kg)						
Arsenic, TCLP	ND	ND	ND	ND	ND	0.05
Barium, TCLP	0.29 J	0.35 J	0.5	0.51	0.35 J	2
Beryllium, TCLP	ND	ND	ND	ND	ND	0.004
Cadmium, TCLP	ND	ND	ND	ND	ND	0.005
Chromium, TCLP	ND	ND	ND	ND	ND	0.1
Cobalt, TCLP	ND	ND	ND	ND	ND	1
Copper, TCLP	ND	ND	ND	ND	ND	0.65
Iron, TCLP	ND	ND	ND	ND	ND	5
Lead, TCLP	ND	ND	ND	ND	ND	0.0075
Manganese, TCLP	1.3	0.55	4.9	0.46	0.25	0.15
Mercury, TCLP	ND	ND	ND	ND	ND	0.002
Nickel, TCLP	ND	ND	ND	ND	ND	0.1
Selenium, TCLP	ND	ND	0.022 J	ND	ND	0.05
Zinc, TCLP	0.064 J	ND	0.065 J	0.083 J	0.068 J	5
SPLP Metals (mg/kg)						
Arsenic, SPLP	0.11	0.11	0.073	0.13	0.12	0.05
Barium, SPLP	0.59	0.71	0.53	0.8	0.66	2
Beryllium, SPLP	0.012	0.011	0.007	0.012	0.012	0.004
Cadmium, SPLP	ND	ND	ND	ND	ND	0.005
Chromium, SPLP	0.24	0.22	0.14	0.24	0.23	0.1
Cobalt, SPLP	0.093	0.079	0.075	0.08	0.073	1
Copper, SPLP	0.28	0.26	0.17	0.31	0.3	0.65
Iron, SPLP	250	230	150	270	250	5
Lead, SPLP	0.17	0.2	0.096	0.18	0.13	0.0075
Manganese, SPLP	1.4	1.1	1.5	1.1	1.1	0.15
Mercury, SPLP	ND	ND	ND	ND	ND	0.002
Nickel, SPLP	0.34	0.33	0.21	0.34	0.31	0.1
Selenium, SPLP	ND	ND	ND	ND	ND	0.05
Zinc, SPLP	0.65	0.64	0.35 J	0.79	0.68	5

Summary Table of ISGS Site No. 3911-003
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
Illinois Department of Transportation
FAP 870: IL Route 53 From Woodland Avenue to Meadow Avenue
Lombard, DuPage County, Illinois

Location	VL-2	BA-1	BA-2	R7-1	Soil Reference Concentrations ^A
Sample Date	6/30/2020	6/29/2020	6/29/2020	6/30/2020	
Field Sample ID	VL-2(0-4)-063020	BA-1(0-4)-062920	BA-2(0-4)-062920	R7-1(0-2)-063020	
Lab Sample ID	500-184283-19	500-184238-3	500-184238-5	500-184284-5	
ISGS Site Number	3911-005	3911-006	3911-006	3911-007	
Parameters					
Laboratory pH	9.0	8.6	8.7	8.5	<6.25; >9.0
VOCs					
Acetone	ND	0.016 J	ND	ND	25
Methylene chloride	ND	ND	ND	0.0032 J	0.02
SVOCs					
2-Methylnaphthalene	ND	ND	ND	ND	---
Acenaphthene	ND	ND	ND	ND	570
Acenaphthylene	ND	ND	0.008 J	ND	---
Anthracene	ND	ND	0.0096 J	ND	12000
Benzo(a)anthracene	0.0074 J	ND	0.075	0.0069 J	0.9 / 1.1 / 1.8
Benzo(a)pyrene	ND	0.021 J	0.094	0.025 J	0.09 / 1.3 / 2.1
Benzo(b)fluoranthene	0.009 J	0.024 J	0.12	0.033 J	0.9 / 1.5 / 2.1
Benzo(g,h,i)perylene	ND	ND	0.047	ND	---
Benzo(k)fluoranthene	ND	ND	0.035 J	ND	9
Chrysene	ND	ND	0.087	0.013 J	88.00001
Dibenzo(a,h)anthracene	ND	ND	0.038 J	0.027 J	0.09 / 0.2 / 0.42
Fluoranthene	0.0091 J	ND	0.11	0.0096 J	3100
Fluorene	ND	ND	ND	ND	560
Indeno(1,2,3-cd)pyrene	ND	0.025 J	0.056	0.028 J	0.9 / 0.9 / 1.6
Phenanthrene	ND	ND	0.042	ND	---
Pyrene	0.0095 J	ND	0.15	0.012 J	2300
Total Metals (mg/kg)					
Antimony, Total	1.4	1.2	1.1 J	1.4	5
Arsenic, Total	9.4	11	9.1	9.7	11.3 / 13.0
Barium, Total	51	66	78	55	1500
Beryllium, Total	0.99	0.99	0.89	0.81	22
Cadmium, Total	0.12	0.078 J	0.14	0.1 J	5.2
Calcium, Total	26000 B	13000 B	34000 B	48000	---
Chromium, Total	22	24	22	18	21
Cobalt, Total	16	16	16	17	20
Copper, Total	26	28	25	27	2900
Iron, Total	21000	25000 B	21000 B	21000	15000 / 15900
Lead, Total	21	27	37	18	107
Magnesium, Total	17000	10000	21000	22000	325000
Manganese, Total	370	500	350	400	630 / 636
Mercury, Total	0.019	0.15	0.092	0.017 J	0.89
Nickel, Total	39	41	40	38	100
Potassium, Total	3600	3000	3400	3300	---
Selenium, Total	ND	0.65	0.41 J	ND	1.3
Sodium, Total	1800	2100	2400	2700	---
Thallium, Total	ND	ND	ND	ND	2.6
Vanadium, Total	29 B	33	29	22	550
Zinc, Total	69 B	73	78	67	5100
TCLP Metals (mg/kg)					
Arsenic, TCLP	ND	ND	ND	ND	0.05
Barium, TCLP	0.52 J	0.37 J	0.46 J	0.34 J	2
Beryllium, TCLP	ND	ND	ND	ND	0.004
Cadmium, TCLP	ND	ND	ND	ND	0.005
Chromium, TCLP	ND	ND	ND	ND	0.1
Cobalt, TCLP	0.013 J	ND	ND	ND	1
Copper, TCLP	ND	ND	ND	ND	0.65
Iron, TCLP	ND	ND	ND	ND	5
Lead, TCLP	ND	ND	ND	ND	0.0075
Manganese, TCLP	4.9	0.66	0.31	1.1 J	0.15
Mercury, TCLP	ND	ND	ND	ND	0.002
Nickel, TCLP	ND	ND	ND	ND	0.1
Selenium, TCLP	ND	ND	ND	ND	0.05
Zinc, TCLP	ND	0.049 J	0.037 J	0.081 J	5
SPLP Metals (mg/kg)					
Arsenic, SPLP	0.11	0.11	0.12	0.13	0.05
Barium, SPLP	0.69	0.68	0.83	0.66	2
Beryllium, SPLP	0.011	0.011	0.012	0.011	0.004
Cadmium, SPLP	ND	ND	ND	ND	0.005
Chromium, SPLP	0.22	0.23	0.24	0.21	0.1
Cobalt, SPLP	0.064	0.079	0.072	0.086	1
Copper, SPLP	0.27	0.27	0.3	0.31	0.65
Iron, SPLP	230	250	260	250	5
Lead, SPLP	0.13	0.14	0.21	0.14	0.0075
Manganese, SPLP	0.85	1.2	0.96	1.3	0.15
Mercury, SPLP	ND	ND	ND	ND	0.002
Nickel, SPLP	0.29	0.32	0.33	0.33	0.1
Selenium, SPLP	ND	ND	ND	ND	0.05
Zinc, SPLP	0.68	0.63	0.74	0.69	5

Summary Table of ISGS Site No. 3911-003
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
Illinois Department of Transportation
FAP 870: IL Route 53 From Woodland Avenue to Meadow Avenue
Lombard, DuPage County, Illinois

Location	R7-2	R7-2	R8-1	R8-2	Soil Reference Concentrations ^A
Sample Date	6/30/2020	6/30/2020	6/29/2020	6/29/2020	
Field Sample ID	R7-2(0-2)-063020	R7-2(0-2)-063020D	R8-1(0-3)-062920	R8-2(0-3)-062920	
Lab Sample ID	500-184284-3	500-184284-4	500-184238-1	500-184238-2	
ISGS Site Number	3911-007	3911-007	3911-008	3911-008	
Parameters					
Laboratory pH	9.0	9.0	8.5	8.9	<6.25; >9.0
VOCs					
Acetone	ND	ND	ND	ND	25
Methylene chloride	ND	0.0036 J	ND	ND	0.02
SVOCs					
2-Methylnaphthalene	0.0078 J	ND	ND	ND	---
Acenaphthene	0.017 J	ND	ND	ND	570
Acenaphthylene	0.011 J	0.0053 J	ND	ND	---
Anthracene	0.065	0.017 J	ND	ND	12000
Benzo(a)anthracene	0.37 J	0.15 J	ND	0.016 J	0.9 / 1.1 / 1.8
Benzo(a)pyrene	0.44 J	0.21 J	0.026 J	0.031 J	0.09 / 1.3 / 2.1
Benzo(b)fluoranthene	0.73 J	0.35 J	0.032 J	0.044	0.9 / 1.5 / 2.1
Benzo(g,h,i)perylene	0.18 J	0.086 J	ND	0.012 J	---
Benzo(k)fluoranthene	0.26 J	0.09 J	ND	ND	9
Chrysene	0.46 J	0.19 J	0.012 J	0.02 J	88.00001
Dibenzo(a,h)anthracene	0.074	0.048	ND	ND	0.09 / 0.2 / 0.42
Fluoranthene	0.57 J	0.23 J	0.012 J	0.026 J	3100
Fluorene	0.018 J	ND	ND	ND	560
Indeno(1,2,3-cd)pyrene	0.18 J	0.095 J	0.026 J	0.031 J	0.9 / 0.9 / 1.6
Phenanthrene	0.36 J	0.088 J	0.0066 J	0.013 J	---
Pyrene	1.1 J	0.29 J	0.017 J	0.036 J	2300
Total Metals (mg/kg)					
Antimony, Total	1.3	1.2	1.2	1.1 J	5
Arsenic, Total	11	9.3	10	11	11.3 / 13.0
Barium, Total	60	58	54	55	1500
Beryllium, Total	0.92	0.92	0.91	0.94	22
Cadmium, Total	0.24	0.29	0.12	0.13	5.2
Calcium, Total	20000	31000	23000 B	23000 B	---
Chromium, Total	22	24	22	22	21
Cobalt, Total	15	14	15	17	20
Copper, Total	33	30	32	32	2900
Iron, Total	24000	23000	23000 B	23000 B	15000 / 15900
Lead, Total	110	130	21	26	107
Magnesium, Total	14000	19000	16000	13000	325000
Manganese, Total	350	370	330	400	630 / 636
Mercury, Total	0.022	0.022	0.24	0.13	0.89
Nickel, Total	40	35	42	44	100
Potassium, Total	2400	2200	3300	3200	---
Selenium, Total	ND	ND	ND	0.52 J	1.3
Sodium, Total	1200	1300	1600	1800	---
Thallium, Total	0.31 J	ND	ND	ND	2.6
Vanadium, Total	23	22	27	31	550
Zinc, Total	94	99	79	76	5100
TCLP Metals (mg/kg)					
Arsenic, TCLP	ND	ND	ND	ND	0.05
Barium, TCLP	0.37 J	0.35 J	0.22 J	0.37 J	2
Beryllium, TCLP	ND	ND	ND	ND	0.004
Cadmium, TCLP	ND	ND	ND	ND	0.005
Chromium, TCLP	ND	ND	ND	ND	0.1
Cobalt, TCLP	ND	ND	ND	ND	1
Copper, TCLP	ND	ND	ND	ND	0.65
Iron, TCLP	ND	ND	ND	0.48	5
Lead, TCLP	ND	ND	ND	ND	0.0075
Manganese, TCLP	0.56	0.53	0.27	0.33	0.15
Mercury, TCLP	ND	ND	ND	ND	0.002
Nickel, TCLP	ND	ND	ND	ND	0.1
Selenium, TCLP	ND	ND	ND	ND	0.05
Zinc, TCLP	0.078 J	0.09 J	ND	ND	5
SPLP Metals (mg/kg)					
Arsenic, SPLP	0.11	0.11	0.13	0.11	0.05
Barium, SPLP	0.63	0.64	0.58	0.58	2
Beryllium, SPLP	0.0099	0.011	0.011	0.0099	0.004
Cadmium, SPLP	ND	ND	ND	ND	0.005
Chromium, SPLP	0.2	0.21	0.22	0.19	0.1
Cobalt, SPLP	0.062	0.062	0.08	0.06	1
Copper, SPLP	0.27	0.29	0.32	0.25	0.65
Iron, SPLP	220	230	250	210	5
Lead, SPLP	0.36	0.39	0.2	0.12	0.0075
Manganese, SPLP	0.87	0.84	1	0.79	0.15
Mercury, SPLP	ND	ND	ND	ND	0.002
Nickel, SPLP	0.28	0.28	0.34	0.26	0.1
Selenium, SPLP	ND	ND	ND	ND	0.05
Zinc, SPLP	0.71	0.74	0.68	0.56	5

Notes:

- - not applicable or value not available.
- ^A - Soil reference concentrations from MAC Table. Background values for Chicago corporate limits and MSA counties are included, as applicable.
- J - Estimated concentration.
- ND - Constituent not detected above the reporting limit.
- Shaded values indicate concentration **exceeds** Reference Concentration.

ANALYTICAL REPORT

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

Laboratory Job ID: 500-184238-1

Client Project/Site: IDOT - Lombard - WO 012

For:

Weston Solutions, Inc.
300 Plaza Circle, Suite 202
Mundelein, Illinois 60060

Attn: Mr. Andris Slesers



Authorized for release by:
7/10/2020 1:59:13 PM

Richard Wright, Senior Project Manager
(708)746-0045
Richard.Wright@Eurofinset.com

LINKS

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

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

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

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: R8-1(0-3)-062920

Lab Sample ID: 500-184238-1

Date Collected: 06/29/20 10:00

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 82.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.0018		0.0018	0.00060	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00057	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00077	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
1,1-Dichloroethane	<0.0018		0.0018	0.00061	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
1,1-Dichloroethene	<0.0018		0.0018	0.00062	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
1,2-Dichloroethane	<0.0045		0.0045	0.0014	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
1,2-Dichloropropane	<0.0018		0.0018	0.00046	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00063	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
2-Hexanone	<0.0045		0.0045	0.0014	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
Acetone	<0.018		0.018	0.0078	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
Benzene	<0.0018		0.0018	0.00046	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
Bromodichloromethane	<0.0018		0.0018	0.00036	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
Bromoform	<0.0018		0.0018	0.00052	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
Bromomethane	<0.0045		0.0045	0.0017	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
Carbon disulfide	<0.0045		0.0045	0.00093	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
Carbon tetrachloride	<0.0018		0.0018	0.00052	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
Chlorobenzene	<0.0018		0.0018	0.00066	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
Chloroethane	<0.0045		0.0045	0.0013	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
Chloroform	<0.0018		0.0018	0.00062	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
Chloromethane	<0.0045		0.0045	0.0018	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00050	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00054	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
Dibromochloromethane	<0.0018		0.0018	0.00058	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
Ethylbenzene	<0.0018		0.0018	0.00086	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
Methyl Ethyl Ketone	<0.0045		0.0045	0.0020	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
methyl isobutyl ketone	<0.0045		0.0045	0.0013	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00053	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
Methylene Chloride	<0.0045		0.0045	0.0018	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
Styrene	<0.0018		0.0018	0.00054	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
Tetrachloroethene	<0.0018		0.0018	0.00061	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
Toluene	<0.0018		0.0018	0.00045	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00079	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00063	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
Trichloroethene	<0.0018		0.0018	0.00060	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
Vinyl chloride	<0.0018		0.0018	0.00079	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
Xylenes, Total	<0.0036		0.0036	0.00057	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		70 - 134	06/30/20 17:51	07/01/20 15:16	1
4-Bromofluorobenzene (Surr)	115		75 - 131	06/30/20 17:51	07/01/20 15:16	1
Dibromofluoromethane	98		75 - 126	06/30/20 17:51	07/01/20 15:16	1
Toluene-d8 (Surr)	99		75 - 124	06/30/20 17:51	07/01/20 15:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.043	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
1,3-Dichlorobenzene	<0.20		0.20	0.045	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
1,4-Dichlorobenzene	<0.20		0.20	0.051	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: R8-1(0-3)-062920

Lab Sample ID: 500-184238-1

Date Collected: 06/29/20 10:00

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 82.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.090	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
2,4,6-Trichlorophenol	<0.39		0.39	0.14	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
2,4-Dichlorophenol	<0.39		0.39	0.094	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
2,4-Dinitrophenol	<0.80	F1	0.80	0.70	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
2,4-Dinitrotoluene	<0.20		0.20	0.063	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
2,6-Dinitrotoluene	<0.20		0.20	0.078	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
2-Chlorophenol	<0.20		0.20	0.068	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
2-Methylnaphthalene	<0.080		0.080	0.0073	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
2-Methylphenol	<0.20		0.20	0.064	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
2-Nitrophenol	<0.39		0.39	0.094	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
3 & 4 Methylphenol	<0.20		0.20	0.066	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
4,6-Dinitro-2-methylphenol	<0.80		0.80	0.32	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
4-Chloroaniline	<0.80		0.80	0.19	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
4-Nitroaniline	<0.39		0.39	0.17	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
4-Nitrophenol	<0.80		0.80	0.38	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Acenaphthene	<0.039		0.039	0.0071	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Anthracene	<0.039		0.039	0.0066	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Benzo[a]anthracene	<0.039		0.039	0.0053	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Benzo[a]pyrene	0.026	J	0.039	0.0077	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Benzo[b]fluoranthene	0.032	J	0.039	0.0085	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Benzo[g,h,i]perylene	<0.039	F1	0.039	0.013	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Benzo[k]fluoranthene	<0.039		0.039	0.012	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Butyl benzyl phthalate	<0.20		0.20	0.075	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Carbazole	<0.20		0.20	0.099	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Chrysene	0.012	J	0.039	0.011	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Dibenz(a,h)anthracene	<0.039	F1	0.039	0.0077	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Diethyl phthalate	<0.20		0.20	0.067	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Dimethyl phthalate	<0.20		0.20	0.052	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Di-n-octyl phthalate	<0.20		0.20	0.065	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Fluoranthene	0.012	J	0.039	0.0073	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Fluorene	<0.039		0.039	0.0056	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Hexachlorobenzene	<0.080		0.080	0.0092	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Hexachlorocyclopentadiene	<0.80		0.80	0.23	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Hexachloroethane	<0.20	F1	0.20	0.060	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: R8-1(0-3)-062920

Lab Sample ID: 500-184238-1

Date Collected: 06/29/20 10:00

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 82.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.026	J F1	0.039	0.010	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Naphthalene	<0.039		0.039	0.0061	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Nitrobenzene	<0.039		0.039	0.0099	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
N-Nitrosodi-n-propylamine	<0.080		0.080	0.048	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
N-Nitrosodiphenylamine	<0.20		0.20	0.047	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Pentachlorophenol	<0.80		0.80	0.64	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Phenanthrene	0.0066	J	0.039	0.0055	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Phenol	<0.20		0.20	0.088	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Pyrene	0.017	J	0.039	0.0079	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>2,4,6-Tribromophenol</i>	46		31 - 143				07/07/20 08:43	07/08/20 02:42	1
<i>2-Fluorobiphenyl</i>	61		43 - 145				07/07/20 08:43	07/08/20 02:42	1
<i>2-Fluorophenol</i>	67		31 - 166				07/07/20 08:43	07/08/20 02:42	1
<i>Nitrobenzene-d5</i>	51		37 - 147				07/07/20 08:43	07/08/20 02:42	1
<i>Phenol-d5</i>	76		30 - 153				07/07/20 08:43	07/08/20 02:42	1
<i>Terphenyl-d14</i>	109		42 - 157				07/07/20 08:43	07/08/20 02:42	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/09/20 06:16	07/09/20 19:44	1
Barium	0.22	J	0.50	0.050	mg/L		07/09/20 06:16	07/09/20 19:44	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/09/20 06:16	07/09/20 19:44	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 06:16	07/09/20 19:44	1
Chromium	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:44	1
Cobalt	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:44	1
Copper	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:44	1
Iron	<0.40		0.40	0.20	mg/L		07/09/20 06:16	07/09/20 19:44	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/09/20 06:16	07/09/20 19:44	1
Manganese	0.27		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:44	1
Nickel	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:44	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 06:16	07/09/20 19:44	1
Silver	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:44	1
Zinc	<0.50		0.50	0.020	mg/L		07/09/20 06:16	07/09/20 19:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.13		0.050	0.010	mg/L		07/09/20 06:13	07/09/20 19:59	1
Barium	0.58		0.50	0.050	mg/L		07/09/20 06:13	07/09/20 19:59	1
Beryllium	0.011		0.0040	0.0040	mg/L		07/09/20 06:13	07/09/20 19:59	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 06:13	07/09/20 19:59	1
Chromium	0.22		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 19:59	1
Cobalt	0.080		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 19:59	1
Copper	0.32		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 19:59	1
Iron	250		0.40	0.20	mg/L		07/09/20 06:13	07/09/20 19:59	1
Lead	0.20		0.0075	0.0075	mg/L		07/09/20 06:13	07/09/20 19:59	1
Manganese	1.0		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 19:59	1
Nickel	0.34		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 19:59	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 06:13	07/09/20 19:59	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: R8-1(0-3)-062920

Lab Sample ID: 500-184238-1

Date Collected: 06/29/20 10:00

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 82.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 19:59	1
Zinc	0.68		0.50	0.020	mg/L		07/09/20 06:13	07/09/20 19:59	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.2		1.1	0.22	mg/Kg	☼	07/06/20 17:00	07/07/20 11:36	1
Arsenic	10		0.57	0.20	mg/Kg	☼	07/06/20 17:00	07/07/20 11:36	1
Barium	54		0.57	0.065	mg/Kg	☼	07/06/20 17:00	07/07/20 11:36	1
Beryllium	0.91		0.23	0.053	mg/Kg	☼	07/06/20 17:00	07/07/20 11:36	1
Cadmium	0.12		0.11	0.021	mg/Kg	☼	07/06/20 17:00	07/07/20 11:36	1
Calcium	23000	B	11	1.9	mg/Kg	☼	07/06/20 17:00	07/07/20 11:36	1
Chromium	22		0.57	0.28	mg/Kg	☼	07/06/20 17:00	07/07/20 11:36	1
Cobalt	15		0.29	0.075	mg/Kg	☼	07/06/20 17:00	07/07/20 11:36	1
Copper	32		0.57	0.16	mg/Kg	☼	07/06/20 17:00	07/07/20 11:36	1
Iron	23000	B	11	5.9	mg/Kg	☼	07/06/20 17:00	07/07/20 11:36	1
Lead	21		0.29	0.13	mg/Kg	☼	07/06/20 17:00	07/07/20 11:36	1
Magnesium	16000		5.7	2.8	mg/Kg	☼	07/06/20 17:00	07/07/20 21:39	1
Manganese	330		0.57	0.083	mg/Kg	☼	07/06/20 17:00	07/07/20 11:36	1
Nickel	42		0.57	0.17	mg/Kg	☼	07/06/20 17:00	07/07/20 11:36	1
Potassium	3300		29	10	mg/Kg	☼	07/06/20 17:00	07/07/20 11:36	1
Selenium	<0.57		0.57	0.34	mg/Kg	☼	07/06/20 17:00	07/07/20 11:36	1
Silver	<0.29		0.29	0.074	mg/Kg	☼	07/06/20 17:00	07/07/20 11:36	1
Sodium	1600		57	8.4	mg/Kg	☼	07/06/20 17:00	07/07/20 11:36	1
Thallium	<0.57		0.57	0.28	mg/Kg	☼	07/06/20 17:00	07/07/20 11:36	1
Vanadium	27		0.29	0.067	mg/Kg	☼	07/06/20 17:00	07/07/20 11:36	1
Zinc	79		1.1	0.50	mg/Kg	☼	07/06/20 17:00	07/07/20 11:36	1

Method: 7470A - Mercury (CVAA) - TCLP

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0010		0.0010	0.0010	mg/L		07/09/20 09:10	07/10/20 08:51	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.24		0.018	0.0060	mg/Kg	☼	07/07/20 13:20	07/08/20 07:13	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.5		0.1	0.1	SU			07/02/20 10:59	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: R8-2(0-3)-062920

Lab Sample ID: 500-184238-2

Date Collected: 06/29/20 10:10

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 83.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.0018		0.0018	0.00059	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00056	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00076	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
1,1-Dichloroethane	<0.0018		0.0018	0.00060	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
1,1-Dichloroethene	<0.0018		0.0018	0.00061	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
1,2-Dichloroethane	<0.0044		0.0044	0.0014	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
1,2-Dichloropropane	<0.0018		0.0018	0.00046	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00062	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
2-Hexanone	<0.0044		0.0044	0.0014	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Acetone	<0.018		0.018	0.0077	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Benzene	<0.0018		0.0018	0.00045	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Bromodichloromethane	<0.0018		0.0018	0.00036	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Bromoform	<0.0018		0.0018	0.00052	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Bromomethane	<0.0044		0.0044	0.0017	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Carbon disulfide	<0.0044		0.0044	0.00092	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Carbon tetrachloride	<0.0018		0.0018	0.00051	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Chlorobenzene	<0.0018		0.0018	0.00065	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Chloroethane	<0.0044		0.0044	0.0013	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Chloroform	<0.0018		0.0018	0.00061	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Chloromethane	<0.0044		0.0044	0.0018	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00049	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00053	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Dibromochloromethane	<0.0018		0.0018	0.00058	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Ethylbenzene	<0.0018		0.0018	0.00084	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Methyl Ethyl Ketone	<0.0044		0.0044	0.0020	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
methyl isobutyl ketone	<0.0044		0.0044	0.0013	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00052	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Methylene Chloride	<0.0044		0.0044	0.0017	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Styrene	<0.0018		0.0018	0.00053	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Tetrachloroethene	<0.0018		0.0018	0.00060	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Toluene	<0.0018		0.0018	0.00045	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00078	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00062	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Trichloroethene	<0.0018		0.0018	0.00060	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Vinyl chloride	<0.0018		0.0018	0.00078	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Xylenes, Total	<0.0035		0.0035	0.00056	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		70 - 134	06/30/20 17:51	07/01/20 15:43	1
4-Bromofluorobenzene (Surr)	113		75 - 131	06/30/20 17:51	07/01/20 15:43	1
Dibromofluoromethane	101		75 - 126	06/30/20 17:51	07/01/20 15:43	1
Toluene-d8 (Surr)	97		75 - 124	06/30/20 17:51	07/01/20 15:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.045	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: R8-2(0-3)-062920

Lab Sample ID: 500-184238-2

Date Collected: 06/29/20 10:10

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 83.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.088	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
2,4-Dichlorophenol	<0.38		0.38	0.092	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
2,4-Dimethylphenol	<0.38		0.38	0.15	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
2,4-Dinitrophenol	<0.78		0.78	0.68	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
2,4-Dinitrotoluene	<0.19		0.19	0.061	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
2,6-Dinitrotoluene	<0.19		0.19	0.076	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
2-Chloronaphthalene	<0.19		0.19	0.043	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
2-Chlorophenol	<0.19		0.19	0.066	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
2-Methylnaphthalene	<0.078		0.078	0.0071	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
2-Methylphenol	<0.19		0.19	0.062	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
2-Nitroaniline	<0.19		0.19	0.052	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
2-Nitrophenol	<0.38		0.38	0.091	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
3 & 4 Methylphenol	<0.19		0.19	0.064	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.054	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
4,6-Dinitro-2-methylphenol	<0.78		0.78	0.31	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.051	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
4-Chloroaniline	<0.78		0.78	0.18	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
4-Nitrophenol	<0.78		0.78	0.37	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Acenaphthene	<0.038		0.038	0.0069	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Acenaphthylene	<0.038		0.038	0.0051	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Anthracene	<0.038		0.038	0.0064	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Benzo[a]anthracene	0.016	J	0.038	0.0052	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Benzo[a]pyrene	0.031	J	0.038	0.0075	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Benzo[b]fluoranthene	0.044		0.038	0.0083	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Benzo[g,h,i]perylene	0.012	J	0.038	0.012	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Benzo[k]fluoranthene	<0.038		0.038	0.011	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.058	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.071	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Butyl benzyl phthalate	<0.19		0.19	0.073	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Carbazole	<0.19		0.19	0.096	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Chrysene	0.020	J	0.038	0.011	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Dibenz(a,h)anthracene	<0.038		0.038	0.0075	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Diethyl phthalate	<0.19		0.19	0.065	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Di-n-butyl phthalate	<0.19		0.19	0.059	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Di-n-octyl phthalate	<0.19		0.19	0.063	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Fluoranthene	0.026	J	0.038	0.0072	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Fluorene	<0.038		0.038	0.0054	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Hexachlorobenzene	<0.078		0.078	0.0089	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Hexachlorobutadiene	<0.19		0.19	0.061	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Hexachlorocyclopentadiene	<0.78		0.78	0.22	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Hexachloroethane	<0.19		0.19	0.059	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: R8-2(0-3)-062920

Lab Sample ID: 500-184238-2

Date Collected: 06/29/20 10:10

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 83.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.031	J	0.038	0.010	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Naphthalene	<0.038		0.038	0.0059	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Nitrobenzene	<0.038		0.038	0.0096	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
N-Nitrosodi-n-propylamine	<0.078		0.078	0.047	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
N-Nitrosodiphenylamine	<0.19		0.19	0.046	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Pentachlorophenol	<0.78		0.78	0.62	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Phenanthrene	0.013	J	0.038	0.0054	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Phenol	<0.19		0.19	0.086	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Pyrene	0.036	J	0.038	0.0077	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	56		31 - 143				07/07/20 08:43	07/07/20 23:20	1
2-Fluorobiphenyl	85		43 - 145				07/07/20 08:43	07/07/20 23:20	1
2-Fluorophenol	86		31 - 166				07/07/20 08:43	07/07/20 23:20	1
Nitrobenzene-d5	75		37 - 147				07/07/20 08:43	07/07/20 23:20	1
Phenol-d5	89		30 - 153				07/07/20 08:43	07/07/20 23:20	1
Terphenyl-d14	105		42 - 157				07/07/20 08:43	07/07/20 23:20	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/09/20 06:16	07/09/20 19:47	1
Barium	0.37	J	0.50	0.050	mg/L		07/09/20 06:16	07/09/20 19:47	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/09/20 06:16	07/09/20 19:47	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 06:16	07/09/20 19:47	1
Chromium	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:47	1
Cobalt	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:47	1
Copper	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:47	1
Iron	0.48		0.40	0.20	mg/L		07/09/20 06:16	07/09/20 19:47	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/09/20 06:16	07/09/20 19:47	1
Manganese	0.33		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:47	1
Nickel	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:47	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 06:16	07/09/20 19:47	1
Silver	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:47	1
Zinc	<0.50		0.50	0.020	mg/L		07/09/20 06:16	07/09/20 19:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.11		0.050	0.010	mg/L		07/09/20 06:13	07/09/20 20:03	1
Barium	0.58		0.50	0.050	mg/L		07/09/20 06:13	07/09/20 20:03	1
Beryllium	0.0099		0.0040	0.0040	mg/L		07/09/20 06:13	07/09/20 20:03	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 06:13	07/09/20 20:03	1
Chromium	0.19		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 20:03	1
Cobalt	0.060		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 20:03	1
Copper	0.25		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 20:03	1
Iron	210		0.40	0.20	mg/L		07/09/20 06:13	07/09/20 20:03	1
Lead	0.12		0.0075	0.0075	mg/L		07/09/20 06:13	07/09/20 20:03	1
Manganese	0.79		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 20:03	1
Nickel	0.26		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 20:03	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 06:13	07/09/20 20:03	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: R8-2(0-3)-062920

Lab Sample ID: 500-184238-2

Date Collected: 06/29/20 10:10

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 83.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 20:03	1
Zinc	0.56		0.50	0.020	mg/L		07/09/20 06:13	07/09/20 20:03	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.1	J	1.2	0.22	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Arsenic	11		0.58	0.20	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Barium	55		0.58	0.066	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Beryllium	0.94		0.23	0.054	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Cadmium	0.13		0.12	0.021	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Calcium	23000	B	12	2.0	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Chromium	22		0.58	0.29	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Cobalt	17		0.29	0.076	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Copper	32		0.58	0.16	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Iron	23000	B	12	6.0	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Lead	26		0.29	0.13	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Magnesium	13000		5.8	2.9	mg/Kg	☼	07/06/20 17:00	07/07/20 21:43	1
Manganese	400		0.58	0.084	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Nickel	44		0.58	0.17	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Potassium	3200		29	10	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Selenium	0.52	J	0.58	0.34	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Silver	<0.29		0.29	0.075	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Sodium	1800		58	8.6	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Thallium	<0.58		0.58	0.29	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Vanadium	31		0.29	0.068	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Zinc	76		1.2	0.51	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1

Method: 7470A - Mercury (CVAA) - TCLP

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0010		0.0010	0.0010	mg/L		07/09/20 09:10	07/10/20 08:53	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.13		0.020	0.0065	mg/Kg	☼	07/07/20 13:20	07/08/20 07:15	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.9		0.1	0.1	SU			07/02/20 11:00	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: BA-1(0-4)-062920

Lab Sample ID: 500-184238-3

Date Collected: 06/29/20 10:35

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 80.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.0017		0.0017	0.00058	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00055	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00074	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
1,1-Dichloroethane	<0.0017		0.0017	0.00059	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
1,1-Dichloroethene	<0.0017		0.0017	0.00059	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
1,2-Dichloroethane	<0.0043		0.0043	0.0013	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
1,2-Dichloropropane	<0.0017		0.0017	0.00045	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00061	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
2-Hexanone	<0.0043		0.0043	0.0013	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
Acetone	0.016	J	0.017	0.0075	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
Benzene	<0.0017		0.0017	0.00044	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
Bromodichloromethane	<0.0017		0.0017	0.00035	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
Bromoform	<0.0017		0.0017	0.00050	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
Bromomethane	<0.0043		0.0043	0.0016	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
Carbon disulfide	<0.0043		0.0043	0.00090	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
Carbon tetrachloride	<0.0017		0.0017	0.00050	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
Chlorobenzene	<0.0017		0.0017	0.00064	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
Chloroethane	<0.0043		0.0043	0.0013	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
Chloroform	<0.0017		0.0017	0.00060	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
Chloromethane	<0.0043		0.0043	0.0017	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00048	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00052	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
Dibromochloromethane	<0.0017		0.0017	0.00057	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
Ethylbenzene	<0.0017		0.0017	0.00083	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
Methyl Ethyl Ketone	<0.0043		0.0043	0.0019	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
methyl isobutyl ketone	<0.0043		0.0043	0.0013	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00051	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
Methylene Chloride	<0.0043		0.0043	0.0017	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
Styrene	<0.0017		0.0017	0.00052	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
Tetrachloroethene	<0.0017		0.0017	0.00059	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
Toluene	<0.0017		0.0017	0.00044	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00077	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00061	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
Trichloroethene	<0.0017		0.0017	0.00058	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
Vinyl chloride	<0.0017		0.0017	0.00076	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
Xylenes, Total	<0.0035		0.0035	0.00055	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		70 - 134	06/30/20 17:51	07/01/20 16:36	1
4-Bromofluorobenzene (Surr)	113		75 - 131	06/30/20 17:51	07/01/20 16:36	1
Dibromofluoromethane	99		75 - 126	06/30/20 17:51	07/01/20 16:36	1
Toluene-d8 (Surr)	98		75 - 124	06/30/20 17:51	07/01/20 16:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.21		0.21	0.044	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
1,2-Dichlorobenzene	<0.21		0.21	0.049	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
1,3-Dichlorobenzene	<0.21		0.21	0.046	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
1,4-Dichlorobenzene	<0.21		0.21	0.053	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
2,2'-oxybis[1-chloropropane]	<0.21		0.21	0.048	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: BA-1(0-4)-062920

Lab Sample ID: 500-184238-3

Date Collected: 06/29/20 10:35

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 80.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.41		0.41	0.094	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
2,4,6-Trichlorophenol	<0.41		0.41	0.14	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
2,4-Dichlorophenol	<0.41		0.41	0.098	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
2,4-Dimethylphenol	<0.41		0.41	0.16	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
2,4-Dinitrophenol	<0.83		0.83	0.72	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
2,4-Dinitrotoluene	<0.21		0.21	0.065	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
2,6-Dinitrotoluene	<0.21		0.21	0.081	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
2-Chloronaphthalene	<0.21		0.21	0.045	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
2-Chlorophenol	<0.21		0.21	0.070	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
2-Methylnaphthalene	<0.083		0.083	0.0076	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
2-Methylphenol	<0.21		0.21	0.066	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
2-Nitroaniline	<0.21		0.21	0.055	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
2-Nitrophenol	<0.41		0.41	0.097	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
3 & 4 Methylphenol	<0.21		0.21	0.068	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
3,3'-Dichlorobenzidine	<0.21		0.21	0.057	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
3-Nitroaniline	<0.41		0.41	0.13	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
4,6-Dinitro-2-methylphenol	<0.83		0.83	0.33	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
4-Bromophenyl phenyl ether	<0.21		0.21	0.054	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
4-Chloro-3-methylphenol	<0.41		0.41	0.14	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
4-Chloroaniline	<0.83		0.83	0.19	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
4-Chlorophenyl phenyl ether	<0.21		0.21	0.048	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
4-Nitroaniline	<0.41		0.41	0.17	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
4-Nitrophenol	<0.83		0.83	0.39	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Acenaphthene	<0.041		0.041	0.0074	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Acenaphthylene	<0.041		0.041	0.0054	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Anthracene	<0.041		0.041	0.0069	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Benzo[a]anthracene	<0.041		0.041	0.0055	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Benzo[a]pyrene	0.021	J	0.041	0.0079	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Benzo[b]fluoranthene	0.024	J	0.041	0.0089	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Benzo[g,h,i]perylene	<0.041		0.041	0.013	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Benzo[k]fluoranthene	<0.041		0.041	0.012	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Bis(2-chloroethoxy)methane	<0.21		0.21	0.042	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Bis(2-chloroethyl)ether	<0.21		0.21	0.062	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Bis(2-ethylhexyl) phthalate	<0.21		0.21	0.075	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Butyl benzyl phthalate	<0.21		0.21	0.078	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Carbazole	<0.21		0.21	0.10	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Chrysene	<0.041		0.041	0.011	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Dibenz(a,h)anthracene	<0.041		0.041	0.0079	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Dibenzofuran	<0.21		0.21	0.048	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Diethyl phthalate	<0.21		0.21	0.070	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Dimethyl phthalate	<0.21		0.21	0.054	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Di-n-butyl phthalate	<0.21		0.21	0.063	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Di-n-octyl phthalate	<0.21		0.21	0.067	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Fluoranthene	<0.041		0.041	0.0076	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Fluorene	<0.041		0.041	0.0058	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Hexachlorobenzene	<0.083		0.083	0.0095	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Hexachlorobutadiene	<0.21		0.21	0.065	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Hexachlorocyclopentadiene	<0.83		0.83	0.24	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Hexachloroethane	<0.21		0.21	0.062	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: BA-1(0-4)-062920

Lab Sample ID: 500-184238-3

Date Collected: 06/29/20 10:35

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 80.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.025	J	0.041	0.011	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Isophorone	<0.21		0.21	0.046	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Naphthalene	<0.041		0.041	0.0063	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Nitrobenzene	<0.041		0.041	0.010	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
N-Nitrosodi-n-propylamine	<0.083		0.083	0.050	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
N-Nitrosodiphenylamine	<0.21		0.21	0.048	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Pentachlorophenol	<0.83		0.83	0.66	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Phenanthrene	<0.041		0.041	0.0057	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Phenol	<0.21		0.21	0.091	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Pyrene	<0.041		0.041	0.0082	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	56		31 - 143				07/07/20 08:43	07/07/20 23:46	1
2-Fluorobiphenyl	54		43 - 145				07/07/20 08:43	07/07/20 23:46	1
2-Fluorophenol	58		31 - 166				07/07/20 08:43	07/07/20 23:46	1
Nitrobenzene-d5	47		37 - 147				07/07/20 08:43	07/07/20 23:46	1
Phenol-d5	63		30 - 153				07/07/20 08:43	07/07/20 23:46	1
Terphenyl-d14	106		42 - 157				07/07/20 08:43	07/07/20 23:46	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/09/20 06:16	07/09/20 19:50	1
Barium	0.37	J	0.50	0.050	mg/L		07/09/20 06:16	07/09/20 19:50	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/09/20 06:16	07/09/20 19:50	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 06:16	07/09/20 19:50	1
Chromium	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:50	1
Cobalt	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:50	1
Copper	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:50	1
Iron	<0.40		0.40	0.20	mg/L		07/09/20 06:16	07/09/20 19:50	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/09/20 06:16	07/09/20 19:50	1
Manganese	0.66		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:50	1
Nickel	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:50	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 06:16	07/09/20 19:50	1
Silver	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:50	1
Zinc	0.049	J	0.50	0.020	mg/L		07/09/20 06:16	07/09/20 19:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.11		0.050	0.010	mg/L		07/09/20 06:13	07/09/20 20:06	1
Barium	0.68		0.50	0.050	mg/L		07/09/20 06:13	07/09/20 20:06	1
Beryllium	0.011		0.0040	0.0040	mg/L		07/09/20 06:13	07/09/20 20:06	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 06:13	07/09/20 20:06	1
Chromium	0.23		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 20:06	1
Cobalt	0.079		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 20:06	1
Copper	0.27		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 20:06	1
Iron	250		0.40	0.20	mg/L		07/09/20 06:13	07/09/20 20:06	1
Lead	0.14		0.0075	0.0075	mg/L		07/09/20 06:13	07/09/20 20:06	1
Manganese	1.2		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 20:06	1
Nickel	0.32		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 20:06	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 06:13	07/09/20 20:06	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: BA-1(0-4)-062920

Lab Sample ID: 500-184238-3

Date Collected: 06/29/20 10:35

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 80.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 20:06	1
Zinc	0.63		0.50	0.020	mg/L		07/09/20 06:13	07/09/20 20:06	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.2		1.2	0.24	mg/Kg	☼	07/06/20 17:00	07/07/20 11:44	1
Arsenic	11		0.61	0.21	mg/Kg	☼	07/06/20 17:00	07/07/20 11:44	1
Barium	66		0.61	0.070	mg/Kg	☼	07/06/20 17:00	07/07/20 11:44	1
Beryllium	0.99		0.24	0.057	mg/Kg	☼	07/06/20 17:00	07/07/20 11:44	1
Cadmium	0.078	J	0.12	0.022	mg/Kg	☼	07/06/20 17:00	07/07/20 11:44	1
Calcium	13000	B	12	2.1	mg/Kg	☼	07/06/20 17:00	07/07/20 11:44	1
Chromium	24		0.61	0.30	mg/Kg	☼	07/06/20 17:00	07/07/20 11:44	1
Cobalt	16		0.31	0.080	mg/Kg	☼	07/06/20 17:00	07/07/20 11:44	1
Copper	28		0.61	0.17	mg/Kg	☼	07/06/20 17:00	07/07/20 11:44	1
Iron	25000	B	12	6.4	mg/Kg	☼	07/06/20 17:00	07/07/20 11:44	1
Lead	27		0.31	0.14	mg/Kg	☼	07/06/20 17:00	07/07/20 11:44	1
Magnesium	10000		6.1	3.0	mg/Kg	☼	07/06/20 17:00	07/07/20 21:47	1
Manganese	500		0.61	0.089	mg/Kg	☼	07/06/20 17:00	07/07/20 11:44	1
Nickel	41		0.61	0.18	mg/Kg	☼	07/06/20 17:00	07/07/20 11:44	1
Potassium	3000		31	11	mg/Kg	☼	07/06/20 17:00	07/07/20 11:44	1
Selenium	0.65		0.61	0.36	mg/Kg	☼	07/06/20 17:00	07/07/20 11:44	1
Silver	<0.31		0.31	0.079	mg/Kg	☼	07/06/20 17:00	07/07/20 11:44	1
Sodium	2100		61	9.0	mg/Kg	☼	07/06/20 17:00	07/07/20 11:44	1
Thallium	<0.61		0.61	0.31	mg/Kg	☼	07/06/20 17:00	07/07/20 11:44	1
Vanadium	33		0.31	0.072	mg/Kg	☼	07/06/20 17:00	07/07/20 11:44	1
Zinc	73		1.2	0.54	mg/Kg	☼	07/06/20 17:00	07/07/20 11:44	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/20 09:10	07/10/20 07:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0010		0.0010	0.0010	mg/L		07/09/20 09:10	07/10/20 08:55	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.15		0.019	0.0063	mg/Kg	☼	07/07/20 13:20	07/08/20 07:18	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.6		0.1	0.1	SU			07/02/20 11:01	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: BA-2(0-4)-062920

Lab Sample ID: 500-184238-5

Date Collected: 06/29/20 11:05

Matrix: Solid

Date Received: 06/30/20 09:59

Percent Solids: 83.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.0018		0.0018	0.00060	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00057	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00077	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
1,1-Dichloroethane	<0.0018		0.0018	0.00061	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
1,1-Dichloroethene	<0.0018		0.0018	0.00061	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
1,2-Dichloroethane	<0.0045		0.0045	0.0014	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
1,2-Dichloropropane	<0.0018		0.0018	0.00046	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00063	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
2-Hexanone	<0.0045		0.0045	0.0014	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
Acetone	<0.018		0.018	0.0078	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
Benzene	<0.0018		0.0018	0.00045	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
Bromodichloromethane	<0.0018		0.0018	0.00036	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
Bromoform	<0.0018		0.0018	0.00052	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
Bromomethane	<0.0045		0.0045	0.0017	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
Carbon disulfide	<0.0045		0.0045	0.00093	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
Carbon tetrachloride	<0.0018		0.0018	0.00052	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
Chlorobenzene	<0.0018		0.0018	0.00066	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
Chloroethane	<0.0045		0.0045	0.0013	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
Chloroform	<0.0018		0.0018	0.00062	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
Chloromethane	<0.0045		0.0045	0.0018	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00050	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00054	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
Dibromochloromethane	<0.0018		0.0018	0.00058	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
Ethylbenzene	<0.0018		0.0018	0.00085	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
Methyl Ethyl Ketone	<0.0045		0.0045	0.0020	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
methyl isobutyl ketone	<0.0045		0.0045	0.0013	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00052	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
Methylene Chloride	<0.0045		0.0045	0.0018	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
Styrene	<0.0018		0.0018	0.00054	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
Tetrachloroethene	<0.0018		0.0018	0.00061	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
Toluene	<0.0018		0.0018	0.00045	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00079	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00063	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
Trichloroethene	<0.0018		0.0018	0.00060	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
Vinyl chloride	<0.0018		0.0018	0.00079	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
Xylenes, Total	<0.0036		0.0036	0.00057	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		70 - 134	06/30/20 17:51	07/01/20 16:10	1
4-Bromofluorobenzene (Surr)	113		75 - 131	06/30/20 17:51	07/01/20 16:10	1
Dibromofluoromethane	98		75 - 126	06/30/20 17:51	07/01/20 16:10	1
Toluene-d8 (Surr)	99		75 - 124	06/30/20 17:51	07/01/20 16:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.042	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
1,4-Dichlorobenzene	<0.20		0.20	0.050	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.045	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: BA-2(0-4)-062920

Lab Sample ID: 500-184238-5

Date Collected: 06/29/20 11:05

Matrix: Solid

Date Received: 06/30/20 09:59

Percent Solids: 83.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.089	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
2,4,6-Trichlorophenol	<0.39		0.39	0.13	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
2,4-Dichlorophenol	<0.39		0.39	0.093	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
2,4-Dinitrophenol	<0.79		0.79	0.69	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
2,4-Dinitrotoluene	<0.20		0.20	0.062	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
2,6-Dinitrotoluene	<0.20		0.20	0.077	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
2-Chloronaphthalene	<0.20		0.20	0.043	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
2-Chlorophenol	<0.20		0.20	0.067	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
2-Methylnaphthalene	<0.079		0.079	0.0072	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
2-Nitrophenol	<0.39		0.39	0.092	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
3 & 4 Methylphenol	<0.20		0.20	0.065	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.31	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
4-Chloroaniline	<0.79		0.79	0.18	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
4-Nitroaniline	<0.39		0.39	0.16	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
4-Nitrophenol	<0.79		0.79	0.37	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Acenaphthene	<0.039		0.039	0.0070	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Acenaphthylene	0.0080	J	0.039	0.0052	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Anthracene	0.0096	J	0.039	0.0065	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Benzo[a]anthracene	0.075		0.039	0.0053	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Benzo[a]pyrene	0.094		0.039	0.0076	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Benzo[b]fluoranthene	0.12		0.039	0.0084	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Benzo[g,h,i]perylene	0.047		0.039	0.013	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Benzo[k]fluoranthene	0.035	J	0.039	0.012	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.071	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Butyl benzyl phthalate	<0.20		0.20	0.074	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Carbazole	<0.20		0.20	0.098	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Chrysene	0.087		0.039	0.011	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Dibenz(a,h)anthracene	0.038	J	0.039	0.0076	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Diethyl phthalate	<0.20		0.20	0.066	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Dimethyl phthalate	<0.20		0.20	0.051	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Fluoranthene	0.11		0.039	0.0072	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Fluorene	<0.039		0.039	0.0055	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Hexachlorobenzene	<0.079		0.079	0.0091	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Hexachlorobutadiene	<0.20		0.20	0.061	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Hexachlorocyclopentadiene	<0.79		0.79	0.22	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Hexachloroethane	<0.20		0.20	0.059	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: BA-2(0-4)-062920

Lab Sample ID: 500-184238-5

Date Collected: 06/29/20 11:05

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 83.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.056		0.039	0.010	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Naphthalene	<0.039		0.039	0.0060	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Nitrobenzene	<0.039		0.039	0.0098	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.048	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
N-Nitrosodiphenylamine	<0.20		0.20	0.046	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Pentachlorophenol	<0.79		0.79	0.63	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Phenanthrene	0.042		0.039	0.0054	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Phenol	<0.20		0.20	0.087	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Pyrene	0.15		0.039	0.0078	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	57		31 - 143				07/07/20 08:43	07/08/20 00:36	1
2-Fluorobiphenyl	78		43 - 145				07/07/20 08:43	07/08/20 00:36	1
2-Fluorophenol	79		31 - 166				07/07/20 08:43	07/08/20 00:36	1
Nitrobenzene-d5	67		37 - 147				07/07/20 08:43	07/08/20 00:36	1
Phenol-d5	85		30 - 153				07/07/20 08:43	07/08/20 00:36	1
Terphenyl-d14	105		42 - 157				07/07/20 08:43	07/08/20 00:36	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/09/20 06:16	07/09/20 19:56	1
Barium	0.46	J	0.50	0.050	mg/L		07/09/20 06:16	07/09/20 19:56	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/09/20 06:16	07/09/20 19:56	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 06:16	07/09/20 19:56	1
Chromium	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:56	1
Cobalt	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:56	1
Copper	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:56	1
Iron	<0.40		0.40	0.20	mg/L		07/09/20 06:16	07/09/20 19:56	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/09/20 06:16	07/09/20 19:56	1
Manganese	0.31		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:56	1
Nickel	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:56	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 06:16	07/09/20 19:56	1
Silver	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:56	1
Zinc	0.037	J	0.50	0.020	mg/L		07/09/20 06:16	07/09/20 19:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.12		0.050	0.010	mg/L		07/09/20 06:13	07/09/20 20:14	1
Barium	0.83		0.50	0.050	mg/L		07/09/20 06:13	07/09/20 20:14	1
Beryllium	0.012		0.0040	0.0040	mg/L		07/09/20 06:13	07/09/20 20:14	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 06:13	07/09/20 20:14	1
Chromium	0.24		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 20:14	1
Cobalt	0.072		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 20:14	1
Copper	0.30		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 20:14	1
Iron	260		0.40	0.20	mg/L		07/09/20 06:13	07/09/20 20:14	1
Lead	0.21		0.0075	0.0075	mg/L		07/09/20 06:13	07/09/20 20:14	1
Manganese	0.96		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 20:14	1
Nickel	0.33		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 20:14	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 06:13	07/09/20 20:14	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: BA-2(0-4)-062920

Lab Sample ID: 500-184238-5

Date Collected: 06/29/20 11:05

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 83.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 20:14	1
Zinc	0.74		0.50	0.020	mg/L		07/09/20 06:13	07/09/20 20:14	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.1	J	1.2	0.23	mg/Kg	☼	07/06/20 17:00	07/07/20 11:52	1
Arsenic	9.1		0.59	0.20	mg/Kg	☼	07/06/20 17:00	07/07/20 11:52	1
Barium	78		0.59	0.067	mg/Kg	☼	07/06/20 17:00	07/07/20 11:52	1
Beryllium	0.89		0.24	0.055	mg/Kg	☼	07/06/20 17:00	07/07/20 11:52	1
Cadmium	0.14		0.12	0.021	mg/Kg	☼	07/06/20 17:00	07/07/20 11:52	1
Calcium	34000	B	12	2.0	mg/Kg	☼	07/06/20 17:00	07/07/20 11:52	1
Chromium	22		0.59	0.29	mg/Kg	☼	07/06/20 17:00	07/07/20 11:52	1
Cobalt	16		0.29	0.077	mg/Kg	☼	07/06/20 17:00	07/07/20 11:52	1
Copper	25		0.59	0.16	mg/Kg	☼	07/06/20 17:00	07/07/20 11:52	1
Iron	21000	B	12	6.1	mg/Kg	☼	07/06/20 17:00	07/07/20 11:52	1
Lead	37		0.29	0.14	mg/Kg	☼	07/06/20 17:00	07/07/20 11:52	1
Magnesium	21000		5.9	2.9	mg/Kg	☼	07/06/20 17:00	07/07/20 22:03	1
Manganese	350		0.59	0.085	mg/Kg	☼	07/06/20 17:00	07/07/20 11:52	1
Nickel	40		0.59	0.17	mg/Kg	☼	07/06/20 17:00	07/07/20 11:52	1
Potassium	3400		29	10	mg/Kg	☼	07/06/20 17:00	07/07/20 11:52	1
Selenium	0.41	J	0.59	0.35	mg/Kg	☼	07/06/20 17:00	07/07/20 11:52	1
Silver	<0.29		0.29	0.076	mg/Kg	☼	07/06/20 17:00	07/07/20 11:52	1
Sodium	2400		59	8.7	mg/Kg	☼	07/06/20 17:00	07/07/20 11:52	1
Thallium	<0.59		0.59	0.29	mg/Kg	☼	07/06/20 17:00	07/07/20 11:52	1
Vanadium	29		0.29	0.069	mg/Kg	☼	07/06/20 17:00	07/07/20 11:52	1
Zinc	78		1.2	0.52	mg/Kg	☼	07/06/20 17:00	07/07/20 11:52	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/20 09:10	07/10/20 07:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0010		0.0010	0.0010	mg/L		07/09/20 09:10	07/10/20 08:58	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.092		0.017	0.0057	mg/Kg	☼	07/07/20 13:20	07/08/20 07:22	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.7		0.1	0.1	SU			07/02/20 11:05	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: RB-1(0-4)-062920

Lab Sample ID: 500-184238-16

Date Collected: 06/29/20 13:05

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 82.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.0017		0.0017	0.00056	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00053	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00072	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
1,1-Dichloroethane	<0.0017		0.0017	0.00057	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
1,1-Dichloroethene	<0.0017		0.0017	0.00058	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
1,2-Dichloroethane	<0.0042		0.0042	0.0013	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
1,2-Dichloropropane	<0.0017		0.0017	0.00043	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00059	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
2-Hexanone	<0.0042		0.0042	0.0013	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
Acetone	<0.017		0.017	0.0073	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
Benzene	<0.0017		0.0017	0.00043	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
Bromodichloromethane	<0.0017		0.0017	0.00034	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
Bromoform	<0.0017		0.0017	0.00049	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
Bromomethane	<0.0042 *		0.0042	0.0016	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
Carbon disulfide	<0.0042		0.0042	0.00087	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
Carbon tetrachloride	<0.0017		0.0017	0.00049	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
Chlorobenzene	<0.0017		0.0017	0.00062	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
Chloroethane	<0.0042 * *1		0.0042	0.0012	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
Chloroform	<0.0017		0.0017	0.00058	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
Chloromethane	<0.0042		0.0042	0.0017	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00047	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00050	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
Dibromochloromethane	<0.0017		0.0017	0.00055	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
Ethylbenzene	<0.0017		0.0017	0.00080	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
Methyl Ethyl Ketone	<0.0042		0.0042	0.0019	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
methyl isobutyl ketone	<0.0042		0.0042	0.0012	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00049	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
Methylene Chloride	<0.0042		0.0042	0.0016	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
Styrene	<0.0017		0.0017	0.00051	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
Tetrachloroethene	<0.0017		0.0017	0.00057	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
Toluene	<0.0017		0.0017	0.00042	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00074	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00059	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
Trichloroethene	<0.0017		0.0017	0.00057	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
Vinyl chloride	<0.0017		0.0017	0.00074	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1
Xylenes, Total	<0.0033		0.0033	0.00054	mg/Kg	☼	06/30/20 17:51	07/01/20 13:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		70 - 134	06/30/20 17:51	07/01/20 13:22	1
4-Bromofluorobenzene (Surr)	96		75 - 131	06/30/20 17:51	07/01/20 13:22	1
Dibromofluoromethane	97		75 - 126	06/30/20 17:51	07/01/20 13:22	1
Toluene-d8 (Surr)	90		75 - 124	06/30/20 17:51	07/01/20 13:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
1,2-Dichlorobenzene	<0.20		0.20	0.048	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
1,3-Dichlorobenzene	<0.20		0.20	0.046	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
1,4-Dichlorobenzene	<0.20		0.20	0.052	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.047	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: RB-1(0-4)-062920

Lab Sample ID: 500-184238-16

Date Collected: 06/29/20 13:05

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 82.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.40		0.40	0.092	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
2,4,6-Trichlorophenol	<0.40		0.40	0.14	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
2,4-Dichlorophenol	<0.40		0.40	0.096	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
2,4-Dimethylphenol	<0.40		0.40	0.15	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
2,4-Dinitrophenol	<0.82		0.82	0.71	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
2,4-Dinitrotoluene	<0.20		0.20	0.064	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
2,6-Dinitrotoluene	<0.20		0.20	0.080	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
2-Chloronaphthalene	<0.20		0.20	0.045	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
2-Chlorophenol	<0.20		0.20	0.069	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
2-Methylnaphthalene	<0.082		0.082	0.0075	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
2-Methylphenol	<0.20		0.20	0.065	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
2-Nitroaniline	<0.20		0.20	0.055	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
2-Nitrophenol	<0.40		0.40	0.096	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
3 & 4 Methylphenol	<0.20		0.20	0.068	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.057	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
3-Nitroaniline	<0.40		0.40	0.13	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
4,6-Dinitro-2-methylphenol	<0.82		0.82	0.33	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.053	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
4-Chloro-3-methylphenol	<0.40		0.40	0.14	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
4-Chloroaniline	<0.82		0.82	0.19	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.047	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
4-Nitroaniline	<0.40		0.40	0.17	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
4-Nitrophenol	<0.82		0.82	0.39	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Acenaphthene	<0.040		0.040	0.0073	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Acenaphthylene	<0.040		0.040	0.0053	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Anthracene	0.0085	J	0.040	0.0068	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Benzo[a]anthracene	0.035	J	0.040	0.0055	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Benzo[a]pyrene	0.039	J	0.040	0.0078	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Benzo[b]fluoranthene	0.044		0.040	0.0087	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Benzo[g,h,i]perylene	0.022	J	0.040	0.013	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Benzo[k]fluoranthene	0.014	J	0.040	0.012	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.041	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.061	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.074	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Butyl benzyl phthalate	<0.20		0.20	0.077	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Carbazole	<0.20		0.20	0.10	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Chrysene	0.034	J	0.040	0.011	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Dibenz(a,h)anthracene	<0.040		0.040	0.0078	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Dibenzofuran	<0.20		0.20	0.047	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Diethyl phthalate	<0.20		0.20	0.069	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Dimethyl phthalate	<0.20		0.20	0.053	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Di-n-butyl phthalate	<0.20		0.20	0.062	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Di-n-octyl phthalate	<0.20		0.20	0.066	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Fluoranthene	0.074		0.040	0.0075	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Fluorene	<0.040		0.040	0.0057	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Hexachlorobenzene	<0.082		0.082	0.0094	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Hexachlorobutadiene	<0.20		0.20	0.064	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Hexachlorocyclopentadiene	<0.82		0.82	0.23	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Hexachloroethane	<0.20		0.20	0.062	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: RB-1(0-4)-062920

Lab Sample ID: 500-184238-16

Date Collected: 06/29/20 13:05

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 82.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.019	J	0.040	0.011	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Isophorone	<0.20		0.20	0.046	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Naphthalene	<0.040		0.040	0.0062	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Nitrobenzene	<0.040		0.040	0.010	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
N-Nitrosodi-n-propylamine	<0.082		0.082	0.050	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
N-Nitrosodiphenylamine	<0.20		0.20	0.048	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Pentachlorophenol	<0.82		0.82	0.65	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Phenanthrene	0.036	J	0.040	0.0056	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Phenol	<0.20		0.20	0.090	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Pyrene	0.064		0.040	0.0081	mg/Kg	☼	07/07/20 08:43	07/08/20 16:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	65		31 - 143				07/07/20 08:43	07/08/20 16:33	1
2-Fluorobiphenyl	78		43 - 145				07/07/20 08:43	07/08/20 16:33	1
2-Fluorophenol	101		31 - 166				07/07/20 08:43	07/08/20 16:33	1
Nitrobenzene-d5	69		37 - 147				07/07/20 08:43	07/08/20 16:33	1
Phenol-d5	88		30 - 153				07/07/20 08:43	07/08/20 16:33	1
Terphenyl-d14	108		42 - 157				07/07/20 08:43	07/08/20 16:33	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/09/20 06:16	07/09/20 20:35	1
Barium	0.29	J	0.50	0.050	mg/L		07/09/20 06:16	07/09/20 20:35	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/09/20 06:16	07/09/20 20:35	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 06:16	07/09/20 20:35	1
Chromium	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 20:35	1
Cobalt	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 20:35	1
Copper	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 20:35	1
Iron	<0.40		0.40	0.20	mg/L		07/09/20 06:16	07/09/20 20:35	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/09/20 06:16	07/09/20 20:35	1
Manganese	1.3		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 20:35	1
Nickel	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 20:35	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 06:16	07/09/20 20:35	1
Silver	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 20:35	1
Zinc	0.064	J	0.50	0.020	mg/L		07/09/20 06:16	07/09/20 20:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.11		0.050	0.010	mg/L		07/09/20 06:13	07/09/20 21:06	1
Barium	0.59		0.50	0.050	mg/L		07/09/20 06:13	07/09/20 21:06	1
Beryllium	0.012		0.0040	0.0040	mg/L		07/09/20 06:13	07/09/20 21:06	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 06:13	07/09/20 21:06	1
Chromium	0.24		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 21:06	1
Cobalt	0.093		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 21:06	1
Copper	0.28		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 21:06	1
Iron	250		0.40	0.20	mg/L		07/09/20 06:13	07/09/20 21:06	1
Lead	0.17		0.0075	0.0075	mg/L		07/09/20 06:13	07/09/20 21:06	1
Manganese	1.4		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 21:06	1
Nickel	0.34		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 21:06	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 06:13	07/09/20 21:06	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: RB-1(0-4)-062920

Lab Sample ID: 500-184238-16

Date Collected: 06/29/20 13:05

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 82.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 21:06	1
Zinc	0.65		0.50	0.020	mg/L		07/09/20 06:13	07/09/20 21:06	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.1	J	1.2	0.23	mg/Kg	☼	07/06/20 17:00	07/07/20 12:43	1
Arsenic	9.7		0.58	0.20	mg/Kg	☼	07/06/20 17:00	07/07/20 12:43	1
Barium	51		0.58	0.066	mg/Kg	☼	07/06/20 17:00	07/07/20 12:43	1
Beryllium	0.87		0.23	0.054	mg/Kg	☼	07/06/20 17:00	07/07/20 22:54	1
Cadmium	0.20		0.12	0.021	mg/Kg	☼	07/06/20 17:00	07/07/20 12:43	1
Calcium	22000	B	12	2.0	mg/Kg	☼	07/06/20 17:00	07/07/20 12:43	1
Chromium	24		0.58	0.29	mg/Kg	☼	07/06/20 17:00	07/07/20 12:43	1
Cobalt	19		0.29	0.076	mg/Kg	☼	07/06/20 17:00	07/07/20 12:43	1
Copper	29		0.58	0.16	mg/Kg	☼	07/06/20 17:00	07/07/20 12:43	1
Iron	22000	B	12	6.1	mg/Kg	☼	07/06/20 17:00	07/07/20 12:43	1
Lead	40		0.29	0.13	mg/Kg	☼	07/06/20 17:00	07/07/20 12:43	1
Magnesium	15000		5.8	2.9	mg/Kg	☼	07/06/20 17:00	07/07/20 22:54	1
Manganese	300		0.58	0.084	mg/Kg	☼	07/06/20 17:00	07/07/20 12:43	1
Nickel	42		0.58	0.17	mg/Kg	☼	07/06/20 17:00	07/07/20 12:43	1
Potassium	3500		29	10	mg/Kg	☼	07/06/20 17:00	07/07/20 12:43	1
Selenium	0.57	J	0.58	0.34	mg/Kg	☼	07/06/20 17:00	07/07/20 12:43	1
Silver	<0.29		0.29	0.075	mg/Kg	☼	07/06/20 17:00	07/07/20 12:43	1
Sodium	1900		58	8.6	mg/Kg	☼	07/06/20 17:00	07/07/20 12:43	1
Thallium	<0.58		0.58	0.29	mg/Kg	☼	07/06/20 17:00	07/07/20 12:43	1
Vanadium	29		0.29	0.069	mg/Kg	☼	07/06/20 17:00	07/07/20 12:43	1
Zinc	81		1.2	0.51	mg/Kg	☼	07/06/20 17:00	07/07/20 12:43	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/20 09:10	07/10/20 07:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0010		0.0010	0.0010	mg/L		07/09/20 09:10	07/10/20 09:23	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.056		0.020	0.0066	mg/Kg	☼	07/07/20 13:20	07/08/20 08:16	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	9.0		0.1	0.1	SU			07/02/20 11:26	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: RB-2(0-4)-062920

Lab Sample ID: 500-184238-18

Date Collected: 06/29/20 13:30

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 81.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.0016		0.0016	0.00053	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00051	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00068	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
1,1-Dichloroethane	<0.0016		0.0016	0.00054	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
1,1-Dichloroethene	<0.0016		0.0016	0.00055	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
1,2-Dichloroethane	<0.0040		0.0040	0.0012	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
1,2-Dichloropropane	<0.0016		0.0016	0.00041	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00056	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
2-Hexanone	<0.0040		0.0040	0.0012	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
Acetone	<0.016		0.016	0.0069	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
Benzene	<0.0016		0.0016	0.00040	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
Bromodichloromethane	<0.0016		0.0016	0.00032	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
Bromoform	<0.0016		0.0016	0.00046	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
Bromomethane	<0.0040 *		0.0040	0.0015	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
Carbon disulfide	<0.0040		0.0040	0.00083	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
Carbon tetrachloride	<0.0016		0.0016	0.00046	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
Chlorobenzene	<0.0016		0.0016	0.00059	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
Chloroethane	<0.0040 * *1		0.0040	0.0012	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
Chloroform	<0.0016		0.0016	0.00055	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
Chloromethane	<0.0040		0.0040	0.0016	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00044	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00048	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
Dibromochloromethane	<0.0016		0.0016	0.00052	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
Ethylbenzene	<0.0016		0.0016	0.00076	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
Methyl Ethyl Ketone	<0.0040		0.0040	0.0018	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
methyl isobutyl ketone	<0.0040		0.0040	0.0012	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00047	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
Methylene Chloride	<0.0040		0.0040	0.0016	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
Styrene	<0.0016		0.0016	0.00048	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
Tetrachloroethene	<0.0016		0.0016	0.00054	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
Toluene	<0.0016		0.0016	0.00040	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00070	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00056	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
Trichloroethene	<0.0016		0.0016	0.00054	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
Vinyl chloride	<0.0016		0.0016	0.00070	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1
Xylenes, Total	<0.0032		0.0032	0.00051	mg/Kg	☼	06/30/20 17:51	07/01/20 14:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		70 - 134	06/30/20 17:51	07/01/20 14:13	1
4-Bromofluorobenzene (Surr)	93		75 - 131	06/30/20 17:51	07/01/20 14:13	1
Dibromofluoromethane	99		75 - 126	06/30/20 17:51	07/01/20 14:13	1
Toluene-d8 (Surr)	90		75 - 124	06/30/20 17:51	07/01/20 14:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
1,2-Dichlorobenzene	<0.20		0.20	0.049	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
1,3-Dichlorobenzene	<0.20		0.20	0.046	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
1,4-Dichlorobenzene	<0.20		0.20	0.052	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.047	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: RB-2(0-4)-062920

Lab Sample ID: 500-184238-18

Date Collected: 06/29/20 13:30

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 81.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.40		0.40	0.093	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
2,4,6-Trichlorophenol	<0.40		0.40	0.14	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
2,4-Dichlorophenol	<0.40		0.40	0.097	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
2,4-Dimethylphenol	<0.40		0.40	0.15	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
2,4-Dinitrophenol	<0.82		0.82	0.72	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
2,4-Dinitrotoluene	<0.20		0.20	0.065	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
2,6-Dinitrotoluene	<0.20		0.20	0.080	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
2-Chloronaphthalene	<0.20		0.20	0.045	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
2-Chlorophenol	<0.20		0.20	0.069	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
2-Methylnaphthalene	<0.082		0.082	0.0075	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
2-Methylphenol	<0.20		0.20	0.065	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
2-Nitroaniline	<0.20		0.20	0.055	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
2-Nitrophenol	<0.40		0.40	0.096	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
3 & 4 Methylphenol	<0.20		0.20	0.068	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.057	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
3-Nitroaniline	<0.40		0.40	0.13	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
4,6-Dinitro-2-methylphenol	<0.82		0.82	0.33	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.054	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
4-Chloro-3-methylphenol	<0.40		0.40	0.14	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
4-Chloroaniline	<0.82		0.82	0.19	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.048	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
4-Nitroaniline	<0.40		0.40	0.17	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
4-Nitrophenol	<0.82		0.82	0.39	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Acenaphthene	<0.040		0.040	0.0073	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Acenaphthylene	<0.040		0.040	0.0054	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Anthracene	<0.040		0.040	0.0068	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Benzo[a]anthracene	0.025	J	0.040	0.0055	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Benzo[a]pyrene	0.030	J	0.040	0.0079	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Benzo[b]fluoranthene	0.034	J	0.040	0.0088	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Benzo[g,h,i]perylene	0.020	J	0.040	0.013	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Benzo[k]fluoranthene	0.014	J	0.040	0.012	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.042	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.061	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.074	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Butyl benzyl phthalate	<0.20		0.20	0.077	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Carbazole	<0.20		0.20	0.10	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Chrysene	0.027	J	0.040	0.011	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Dibenz(a,h)anthracene	<0.040		0.040	0.0079	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Dibenzofuran	<0.20		0.20	0.048	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Diethyl phthalate	<0.20		0.20	0.069	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Dimethyl phthalate	<0.20		0.20	0.053	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Di-n-butyl phthalate	<0.20		0.20	0.062	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Di-n-octyl phthalate	<0.20		0.20	0.066	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Fluoranthene	0.050		0.040	0.0075	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Fluorene	<0.040		0.040	0.0057	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Hexachlorobenzene	<0.082		0.082	0.0094	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Hexachlorobutadiene	<0.20		0.20	0.064	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Hexachlorocyclopentadiene	<0.82		0.82	0.23	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Hexachloroethane	<0.20		0.20	0.062	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: RB-2(0-4)-062920

Lab Sample ID: 500-184238-18

Date Collected: 06/29/20 13:30

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 81.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.017	J	0.040	0.011	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Isophorone	<0.20		0.20	0.046	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Naphthalene	<0.040		0.040	0.0063	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Nitrobenzene	<0.040		0.040	0.010	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
N-Nitrosodi-n-propylamine	<0.082		0.082	0.050	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
N-Nitrosodiphenylamine	<0.20		0.20	0.048	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Pentachlorophenol	<0.82		0.82	0.65	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Phenanthrene	0.017	J	0.040	0.0057	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Phenol	<0.20		0.20	0.090	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Pyrene	0.045		0.040	0.0081	mg/Kg	☼	07/07/20 08:43	07/08/20 17:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	65		31 - 143				07/07/20 08:43	07/08/20 17:32	1
2-Fluorobiphenyl	82		43 - 145				07/07/20 08:43	07/08/20 17:32	1
2-Fluorophenol	105		31 - 166				07/07/20 08:43	07/08/20 17:32	1
Nitrobenzene-d5	72		37 - 147				07/07/20 08:43	07/08/20 17:32	1
Phenol-d5	90		30 - 153				07/07/20 08:43	07/08/20 17:32	1
Terphenyl-d14	107		42 - 157				07/07/20 08:43	07/08/20 17:32	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/09/20 06:16	07/09/20 20:41	1
Barium	0.35	J	0.50	0.050	mg/L		07/09/20 06:16	07/09/20 20:41	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/09/20 06:16	07/09/20 20:41	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 06:16	07/09/20 20:41	1
Chromium	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 20:41	1
Cobalt	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 20:41	1
Copper	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 20:41	1
Iron	<0.40		0.40	0.20	mg/L		07/09/20 06:16	07/09/20 20:41	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/09/20 06:16	07/09/20 20:41	1
Manganese	0.55		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 20:41	1
Nickel	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 20:41	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 06:16	07/09/20 20:41	1
Silver	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 20:41	1
Zinc	<0.50		0.50	0.020	mg/L		07/09/20 06:16	07/09/20 20:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.11		0.050	0.010	mg/L		07/09/20 06:13	07/09/20 21:14	1
Barium	0.71		0.50	0.050	mg/L		07/09/20 06:13	07/09/20 21:14	1
Beryllium	0.011		0.0040	0.0040	mg/L		07/09/20 06:13	07/09/20 21:14	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 06:13	07/09/20 21:14	1
Chromium	0.22		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 21:14	1
Cobalt	0.079		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 21:14	1
Copper	0.26		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 21:14	1
Iron	230		0.40	0.20	mg/L		07/09/20 06:13	07/09/20 21:14	1
Lead	0.20		0.0075	0.0075	mg/L		07/09/20 06:13	07/09/20 21:14	1
Manganese	1.1		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 21:14	1
Nickel	0.33		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 21:14	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 06:13	07/09/20 21:14	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: RB-2(0-4)-062920

Lab Sample ID: 500-184238-18

Date Collected: 06/29/20 13:30

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 81.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 21:14	1
Zinc	0.64		0.50	0.020	mg/L		07/09/20 06:13	07/09/20 21:14	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.2		1.2	0.23	mg/Kg	☼	07/06/20 17:00	07/07/20 13:12	1
Arsenic	9.5		0.58	0.20	mg/Kg	☼	07/06/20 17:00	07/07/20 13:12	1
Barium	62		0.58	0.067	mg/Kg	☼	07/06/20 17:00	07/07/20 13:12	1
Beryllium	0.86		0.23	0.055	mg/Kg	☼	07/06/20 17:00	07/07/20 23:02	1
Cadmium	0.16		0.12	0.021	mg/Kg	☼	07/06/20 17:00	07/07/20 13:12	1
Calcium	24000	B	12	2.0	mg/Kg	☼	07/06/20 17:00	07/07/20 13:12	1
Chromium	24		0.58	0.29	mg/Kg	☼	07/06/20 17:00	07/07/20 13:12	1
Cobalt	24		0.29	0.077	mg/Kg	☼	07/06/20 17:00	07/07/20 13:12	1
Copper	28		0.58	0.16	mg/Kg	☼	07/06/20 17:00	07/07/20 13:12	1
Iron	22000	B	12	6.1	mg/Kg	☼	07/06/20 17:00	07/07/20 13:12	1
Lead	44		0.29	0.14	mg/Kg	☼	07/06/20 17:00	07/07/20 13:12	1
Magnesium	16000		5.8	2.9	mg/Kg	☼	07/06/20 17:00	07/07/20 23:02	1
Manganese	400		0.58	0.085	mg/Kg	☼	07/06/20 17:00	07/07/20 13:12	1
Nickel	48		0.58	0.17	mg/Kg	☼	07/06/20 17:00	07/07/20 13:12	1
Potassium	3700		29	10	mg/Kg	☼	07/06/20 17:00	07/07/20 13:12	1
Selenium	0.41	J	0.58	0.34	mg/Kg	☼	07/06/20 17:00	07/07/20 13:12	1
Silver	<0.29		0.29	0.075	mg/Kg	☼	07/06/20 17:00	07/07/20 13:12	1
Sodium	2000		58	8.7	mg/Kg	☼	07/06/20 17:00	07/07/20 13:12	1
Thallium	<0.58		0.58	0.29	mg/Kg	☼	07/06/20 17:00	07/07/20 13:12	1
Vanadium	29		0.29	0.069	mg/Kg	☼	07/06/20 17:00	07/07/20 13:12	1
Zinc	78		1.2	0.51	mg/Kg	☼	07/06/20 17:00	07/07/20 13:12	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/20 09:10	07/10/20 07:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0010		0.0010	0.0010	mg/L		07/09/20 09:10	07/10/20 09:30	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.045		0.019	0.0063	mg/Kg	☼	07/07/20 13:20	07/08/20 08:20	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.8		0.1	0.1	SU			07/02/20 12:28	1

Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
*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.

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

Glossary

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

Accreditation/Certification Summary

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Laboratory: Eurofins TestAmerica, Chicago

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

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	IL00035	04-30-20 *

Laboratory: Eurofins TestAmerica, Cedar Falls

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


Authority	Program	Identification Number	Expiration Date
AIHA-LAP, LLC	Industrial Hygiene Laboratory Accreditation Program (IHLAP)	101044	11-01-20
Colorado	Petroleum Storage Tank Program	IA100001 (OR)	09-29-20
Georgia	State	IA100001 (OR)	09-29-20
Illinois	NELAP	200024	11-29-20
Iowa	State	007	12-01-21
Kansas	NELAP	E-10341	01-31-21
Minnesota	NELAP	019-999-319	12-31-20
Minnesota (Petrofund)	State	3349	08-22-21
North Dakota	State	R-186	09-30-20
Oregon	NELAP	IA100001	09-29-20
USDA	US Federal Programs	P330-19-00003	01-02-22

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

Address: _____

Regulatory Program: DW NPDES RCRA Other:

TAL-8210


Client Contact		Project Manager: Andris Slesers		Site Contact: T. Oberman		Date: 6/29/20		COC No: _____																					
Company Name: Weston		Tel/Email: _____		Lab Contact: D. Wright		Carrier: _____		1 of 2 COCs																					
Address: 300 Plaza Cr		Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below <input type="checkbox"/> 2 weeks Standard <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day																											
City/State/Zip: Mundelein, IL 60060																													
Phone: 224-864-7201																													
Fax: _____																													
Project Name: Lombard - 012																													
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 TCLP/SPLP Metals PH		500-184238 COC 		Sampler: For Lab Use Only: Walk-in Client: _____ Lab Sampling: _____ Job / SDG No.: 520-184238									
P O # _____		Sample Identification																Sample Specific Notes:											
1	R8-1 (0-3)-062920		6/29/20		1000		Gr		S		6																		
2	R8-2 (0-3)-062920		6/29/20		1010				S		6																		
3	BA-1 (0-4)-062920		6/29/20		1035				S		6																		
4	BA-1 (4-8)-062920		6/29/20		1040				S		6																		
5	BA-2 (0-4)-062920		6/29/20		1105				S		6																		
6	BA-2 (4-8)-062920		6/29/20		1110				S		6																		
7	GW-2 (0-5)-062920				1130				S		6																		
8	GW-2 (5-10)-062920				1140				S		6																		
9	GW-2 (5-10)-062920 D				1140				S		6																		
10	GW-2 (10-15)-062920				1150				S		6																		
11	GW-2 (15-20)-062920				1200				S		6																		
12	GW-2 (20-25)-062920				1210				S		6																		
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other										Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)																			
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.										<input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months																			
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown																													
Special Instructions/QC Requirements & Comments:																													
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No					Custody Seal No.: _____					Cooler Temp. (°C) Obs'd: 5.8, 5.3					Therm ID No.: _____														
Relinquished by: T. Oberman					Company: Weston					Date/Time: 6/29/20 1500					Received by: Mr. [Signature]					Company: TA					Date/Time: 6/29/20 1500				
Relinquished by: [Signature]					Company: TA					Date/Time: 6/30/20 0845					Received by: [Signature]					Company: TA					Date/Time: 6/30/20 0845				
Relinquished by: [Signature]					Company: TA					Date/Time: 6/30/20 0950					Received in Laboratory by: [Signature]					Company: TA-CHI					Date/Time: 6/30/20 0950				



Address: _____

Regulatory Program: DW NPDES RCRA Other:

TAL-8210

Client Contact		Project Manager: <u>Andrius Slesers</u>		Site Contact: <u>F. Oberman</u>		Date: <u>6/29/20</u>		COC No: _____				
Company Name: <u>Weston</u>		Tel/Email: _____		Lab Contact: <u>D. Wright</u>		Carrier: _____		2 of 2 COCs				
Address: <u>300 Plaza Cr</u>		Analysis Turnaround Time										
City/State/Zip: <u>Mundelein, IL 60060</u>		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below <input type="checkbox"/> 2 weeks <u>Standard</u> <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day										
Phone: <u>224-864-7201</u>		Filtered Sample (Y/N) Perform MS / MSD (Y/N) VOCs SVOCs Total Metals TCLP/SPLP Metals PH								Sampler: _____		
Fax: _____										For Lab Use Only:		
Project Name: _____										Walk-in Client: _____		
Site: _____										Lab Sampling: _____		
P O # _____										Job / SDG No.: <u>500-184238</u>		
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Sample Specific Notes:					
13	GW-2(25-30)-062920	6/29/20	1215	G	S	6	X	X	X	X	X	Elmhurst  503325
14	GW-2(30-34)-062920		1225		S	6						
15	GW-2(34-37)-062920		1230		S	6						
16	RB-1(0-4)-062920		1305		S	6						
17	RB-1(4-7)-062920		1315		S	6						
18	RB-2(0-4)-062920		1330		S	6						
19	RB-2(4-7)-062920		1340		S	6						
	RB-3(0-4)-062920		1405		S	6						
	RB-3(0-4)-062920		1405		S	6						
	RB-3(4-7)-062920		1415		S	6						
	RB-4(0-4)-062920		1430		S	6						
	RB-4(4-7)-062920		1440		S	6						
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)						
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.						<input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months						
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown												
Special Instructions/QC Requirements & Comments:												
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.: _____		Cooler Temp. (°C): Obs'd: <u>58.53</u>		Corrd: _____		Therm ID No.: _____				
Relinquished by: <u>[Signature]</u>		Company: _____		Date/Time: <u>1500 6/29/20</u>		Received by: <u>[Signature]</u>		Company: <u>TD</u>		Date/Time: <u>6/29/20 1500</u>		
Relinquished by: <u>[Signature]</u>		Company: <u>TA</u>		Date/Time: <u>0800 6/30/20</u>		Received by: <u>[Signature]</u>		Company: <u>TA</u>		Date/Time: <u>6/30/20 0845</u>		
Relinquished by: <u>[Signature]</u>		Company: <u>TA</u>		Date/Time: <u>0950 6/30/20</u>		Received in Laboratory by: <u>[Signature]</u>		Company: <u>TA</u>		Date/Time: <u>6/30/20 0950</u>		

ANALYTICAL REPORT

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

Laboratory Job ID: 500-184242-1

Client Project/Site: IDOT - Lombard - WO 012

For:

Weston Solutions, Inc.
300 Plaza Circle, Suite 202
Mundelein, Illinois 60060

Attn: Mr. Andris Slesers



Authorized for release by:
7/10/2020 5:26:06 PM

Richard Wright, Senior Project Manager
(708)746-0045
Richard.Wright@Eurofinset.com

LINKS

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

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

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

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184242-1

Client Sample ID: RB-4(0-4)-062920

Lab Sample ID: 500-184242-4

Date Collected: 06/29/20 14:30

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 83.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.0018		0.0018	0.00060	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00057	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00076	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
1,1-Dichloroethane	<0.0018		0.0018	0.00061	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
1,1-Dichloroethene	<0.0018		0.0018	0.00061	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
1,2-Dichloroethane	<0.0044		0.0044	0.0014	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
1,2-Dichloropropane	<0.0018		0.0018	0.00046	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00062	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
2-Hexanone	<0.0044		0.0044	0.0014	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
Acetone	0.017	J	0.018	0.0077	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
Benzene	<0.0018		0.0018	0.00045	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
Bromodichloromethane	<0.0018		0.0018	0.00036	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
Bromoform	<0.0018		0.0018	0.00052	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
Bromomethane	<0.0044		0.0044	0.0017	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
Carbon disulfide	<0.0044		0.0044	0.00092	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
Carbon tetrachloride	<0.0018		0.0018	0.00052	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
Chlorobenzene	<0.0018		0.0018	0.00066	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
Chloroethane	<0.0044		0.0044	0.0013	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
Chloroform	<0.0018		0.0018	0.00062	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
Chloromethane	<0.0044		0.0044	0.0018	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00050	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00054	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
Dibromochloromethane	<0.0018		0.0018	0.00058	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
Ethylbenzene	<0.0018		0.0018	0.00085	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
Methyl Ethyl Ketone	<0.0044		0.0044	0.0020	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
methyl isobutyl ketone	<0.0044		0.0044	0.0013	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00052	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
Methylene Chloride	<0.0044		0.0044	0.0017	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
Styrene	<0.0018		0.0018	0.00054	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
Tetrachloroethene	<0.0018		0.0018	0.00060	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
Toluene	<0.0018		0.0018	0.00045	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00079	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00062	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
Trichloroethene	<0.0018		0.0018	0.00060	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
Vinyl chloride	<0.0018		0.0018	0.00079	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1
Xylenes, Total	<0.0036		0.0036	0.00057	mg/Kg	☼	06/30/20 17:51	07/02/20 18:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		70 - 134	06/30/20 17:51	07/02/20 18:05	1
4-Bromofluorobenzene (Surr)	115		75 - 131	06/30/20 17:51	07/02/20 18:05	1
Dibromofluoromethane	99		75 - 126	06/30/20 17:51	07/02/20 18:05	1
Toluene-d8 (Surr)	99		75 - 124	06/30/20 17:51	07/02/20 18:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.043	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
1,3-Dichlorobenzene	<0.20		0.20	0.045	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
1,4-Dichlorobenzene	<0.20		0.20	0.051	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184242-1

Client Sample ID: RB-4(0-4)-062920

Lab Sample ID: 500-184242-4

Date Collected: 06/29/20 14:30

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 83.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.091	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
2,4,6-Trichlorophenol	<0.39		0.39	0.14	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
2,4-Dichlorophenol	<0.39		0.39	0.094	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
2,4-Dinitrophenol	<0.80		0.80	0.70	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
2,4-Dinitrotoluene	<0.20		0.20	0.063	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
2,6-Dinitrotoluene	<0.20		0.20	0.078	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
2-Chlorophenol	<0.20		0.20	0.068	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
2-Methylnaphthalene	<0.080		0.080	0.0073	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
2-Methylphenol	<0.20		0.20	0.064	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
2-Nitrophenol	<0.39		0.39	0.094	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
3 & 4 Methylphenol	<0.20		0.20	0.066	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.056	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
4,6-Dinitro-2-methylphenol	<0.80		0.80	0.32	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
4-Chloro-3-methylphenol	<0.39		0.39	0.14	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
4-Chloroaniline	<0.80		0.80	0.19	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
4-Nitroaniline	<0.39		0.39	0.17	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
4-Nitrophenol	<0.80		0.80	0.38	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Acenaphthene	<0.039		0.039	0.0071	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Anthracene	<0.039		0.039	0.0066	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Benzo[a]anthracene	0.0091	J	0.039	0.0053	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Benzo[a]pyrene	0.0098	J	0.039	0.0077	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Benzo[b]fluoranthene	0.016	J	0.039	0.0086	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Benzo[g,h,i]perylene	0.013	J	0.039	0.013	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Benzo[k]fluoranthene	<0.039		0.039	0.012	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.041	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.060	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.073	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Butyl benzyl phthalate	<0.20		0.20	0.076	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Carbazole	<0.20		0.20	0.099	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Chrysene	0.021	J	0.039	0.011	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Dibenz(a,h)anthracene	<0.039		0.039	0.0077	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Dibenzofuran	<0.20		0.20	0.047	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Diethyl phthalate	<0.20		0.20	0.067	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Dimethyl phthalate	<0.20		0.20	0.052	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Di-n-octyl phthalate	<0.20		0.20	0.065	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Fluoranthene	0.020	J	0.039	0.0074	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Fluorene	<0.039		0.039	0.0056	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Hexachlorobenzene	<0.080		0.080	0.0092	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Hexachlorocyclopentadiene	<0.80		0.80	0.23	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Hexachloroethane	<0.20		0.20	0.060	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184242-1

Client Sample ID: RB-4(0-4)-062920

Lab Sample ID: 500-184242-4

Date Collected: 06/29/20 14:30

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 83.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.039		0.039	0.010	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Isophorone	<0.20		0.20	0.045	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Naphthalene	<0.039		0.039	0.0061	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Nitrobenzene	<0.039		0.039	0.0099	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
N-Nitrosodi-n-propylamine	<0.080		0.080	0.049	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
N-Nitrosodiphenylamine	<0.20		0.20	0.047	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Pentachlorophenol	<0.80		0.80	0.64	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Phenanthrene	0.027	J	0.039	0.0055	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Phenol	<0.20		0.20	0.088	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Pyrene	0.019	J	0.039	0.0079	mg/Kg	☼	07/06/20 20:35	07/07/20 13:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	117		31 - 143				07/06/20 20:35	07/07/20 13:19	1
2-Fluorobiphenyl	102		43 - 145				07/06/20 20:35	07/07/20 13:19	1
2-Fluorophenol	91		31 - 166				07/06/20 20:35	07/07/20 13:19	1
Nitrobenzene-d5	92		37 - 147				07/06/20 20:35	07/07/20 13:19	1
Phenol-d5	102		30 - 153				07/06/20 20:35	07/07/20 13:19	1
Terphenyl-d14	120		42 - 157				07/06/20 20:35	07/07/20 13:19	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/09/20 06:18	07/09/20 21:17	1
Barium	0.50		0.50	0.050	mg/L		07/09/20 06:18	07/09/20 21:17	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/09/20 06:18	07/09/20 21:17	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 06:18	07/09/20 21:17	1
Chromium	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:17	1
Cobalt	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:17	1
Copper	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:17	1
Iron	<0.40		0.40	0.20	mg/L		07/09/20 06:18	07/09/20 21:17	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/09/20 06:18	07/09/20 21:17	1
Manganese	4.9		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:17	1
Nickel	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:17	1
Selenium	0.022	J	0.050	0.020	mg/L		07/09/20 06:18	07/09/20 21:17	1
Silver	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:17	1
Zinc	0.065	J	0.50	0.020	mg/L		07/09/20 06:18	07/09/20 21:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.073		0.050	0.010	mg/L		07/09/20 06:15	07/09/20 22:03	1
Barium	0.53		0.50	0.050	mg/L		07/09/20 06:15	07/09/20 22:03	1
Beryllium	0.0070		0.0040	0.0040	mg/L		07/09/20 06:15	07/09/20 22:03	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 06:15	07/09/20 22:03	1
Chromium	0.14		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:03	1
Cobalt	0.075		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:03	1
Copper	0.17		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:03	1
Iron	150		0.40	0.20	mg/L		07/09/20 06:15	07/09/20 22:03	1
Lead	0.096		0.0075	0.0075	mg/L		07/09/20 06:15	07/09/20 22:03	1
Manganese	1.5		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:03	1
Nickel	0.21		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:03	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 06:15	07/09/20 22:03	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184242-1

Client Sample ID: RB-4(0-4)-062920

Lab Sample ID: 500-184242-4

Date Collected: 06/29/20 14:30

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 83.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:03	1
Zinc	0.35	J	0.50	0.020	mg/L		07/09/20 06:15	07/09/20 22:03	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.1	J	1.2	0.23	mg/Kg	☼	07/07/20 07:32	07/07/20 20:48	1
Arsenic	10		0.59	0.20	mg/Kg	☼	07/07/20 07:32	07/07/20 20:48	1
Barium	47		0.59	0.068	mg/Kg	☼	07/07/20 07:32	07/07/20 20:48	1
Beryllium	0.90		0.24	0.056	mg/Kg	☼	07/07/20 07:32	07/07/20 20:48	1
Cadmium	0.066	J	0.12	0.021	mg/Kg	☼	07/07/20 07:32	07/07/20 20:48	1
Calcium	25000		12	2.0	mg/Kg	☼	07/07/20 07:32	07/07/20 20:48	1
Chromium	21		0.59	0.29	mg/Kg	☼	07/07/20 07:32	07/07/20 20:48	1
Cobalt	15		0.30	0.078	mg/Kg	☼	07/07/20 07:32	07/07/20 20:48	1
Copper	26		0.59	0.17	mg/Kg	☼	07/07/20 07:32	07/07/20 20:48	1
Iron	24000		12	6.2	mg/Kg	☼	07/07/20 07:32	07/07/20 20:48	1
Lead	18		0.30	0.14	mg/Kg	☼	07/07/20 07:32	07/07/20 20:48	1
Magnesium	16000		5.9	2.9	mg/Kg	☼	07/07/20 07:32	07/07/20 20:48	1
Manganese	320		0.59	0.086	mg/Kg	☼	07/07/20 07:32	07/07/20 20:48	1
Nickel	40		0.59	0.17	mg/Kg	☼	07/07/20 07:32	07/07/20 20:48	1
Potassium	2900		30	11	mg/Kg	☼	07/07/20 07:32	07/07/20 20:48	1
Selenium	<0.59		0.59	0.35	mg/Kg	☼	07/07/20 07:32	07/07/20 20:48	1
Silver	<0.30		0.30	0.077	mg/Kg	☼	07/07/20 07:32	07/07/20 20:48	1
Sodium	1000		59	8.8	mg/Kg	☼	07/07/20 07:32	07/07/20 20:48	1
Thallium	<0.59		0.59	0.30	mg/Kg	☼	07/07/20 07:32	07/07/20 20:48	1
Vanadium	23		0.30	0.070	mg/Kg	☼	07/07/20 07:32	07/07/20 20:48	1
Zinc	67		1.2	0.52	mg/Kg	☼	07/07/20 07:32	07/07/20 20:48	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/20 09:10	07/10/20 08:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00033		0.00033	0.00033	mg/L		07/09/20 09:10	07/10/20 07:59	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.048		0.019	0.0064	mg/Kg	☼	07/07/20 13:20	07/08/20 09:23	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.9		0.1	0.1	SU			07/02/20 12:36	1

Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184242-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
F3	Duplicate RPD exceeds the control limit
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Accreditation/Certification Summary

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184242-1

Laboratory: Eurofins TestAmerica, Chicago

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

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	IL00035	04-30-20 *

Laboratory: Eurofins TestAmerica, Cedar Falls

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

Authority	Program	Identification Number	Expiration Date
AIHA-LAP, LLC	Industrial Hygiene Laboratory Accreditation Program (IHLAP)	101044	11-01-20
Colorado	Petroleum Storage Tank Program	IA100001 (OR)	09-29-20
Georgia	State	IA100001 (OR)	09-29-20
Illinois	NELAP	200024	11-29-20
Iowa	State	007	12-01-21
Kansas	NELAP	E-10341	01-31-21
Minnesota	NELAP	019-999-319	12-31-20
Minnesota (Petrofund)	State	3349	08-22-21
North Dakota	State	R-186	09-30-20
Oregon	NELAP	IA100001	09-29-20
USDA	US Federal Programs	P330-19-00003	01-02-22

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

Chain of Custody Record

450000




Environment Testing
TestAmerica

TAL-8210

Address: _____

Regulatory Program: DW NPDES RCRA Other:

Client Contact		Project Manager: <u>Ardis Siegers</u>		Site Contact: <u>T. Ogerman</u>		Date: <u>6/29/20</u>		COC No:		
Company Name: <u>Weston</u>		Tel/Email:		Lab Contact: <u>D. Wright</u>		Carrier:		<u>2</u> of <u>2</u> COCs		
Address: <u>300 Plaza Cr</u>		Analysis Turnaround Time		Filtered Sample (Y/N) Perform MS / MSD (Y/N) VOCs SVOCs Total Metals TCLP/SPL Metals PH X X X X X		500-184242 COC 		Sampler:		
City/State/Zip: <u>Murderer, IL 60060</u>		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below <input type="checkbox"/> 2 weeks <u>Standard</u> <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day						For Lab Use Only:		
Phone: <u>224-864-7201</u>								Walk-in Client:		
Fax:								Lab Sampling:		
Project Name:						Job / SDG No.:		<u>500-184242</u>		
Site:								Sample Specific Notes:		
P O #										
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.				
<u>GW-2(25-30)-062920</u>		<u>6/29/20</u>	<u>1215</u>	<u>G</u>	<u>S</u>	<u>6</u>				
<u>GW-2(30-34)-062920</u>			<u>1335</u>		<u>S</u>	<u>6</u>				
<u>GW-2(34-37)-062920</u>			<u>1230</u>		<u>S</u>	<u>6</u>				
<u>RB-1(0-4)-062920</u>			<u>1305</u>		<u>S</u>	<u>6</u>				
<u>RB-1(4-7)-062920</u>			<u>1315</u>		<u>S</u>	<u>6</u>				
<u>RB-2(0-4)-062920</u>			<u>1330</u>		<u>S</u>	<u>6</u>				
<u>RB-2(4-7)-062920</u>			<u>1340</u>		<u>S</u>	<u>6</u>				
<u>RB-3(0-4)-062920</u>			<u>1405</u>		<u>S</u>	<u>6</u>				
<u>RB-3(0-4)-062920</u>			<u>1405</u>		<u>S</u>	<u>6</u>				
<u>RB-3(4-7)-062920</u>			<u>1415</u>		<u>S</u>	<u>6</u>				
<u>RB-4(0-4)-062920</u>			<u>1430</u>		<u>S</u>	<u>6</u>				
<u>RB-4(4-7)-062920</u>			<u>1440</u>		<u>S</u>	<u>6</u>				
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other							Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)			
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.							<input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months			
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown										
Special Instructions/QC Requirements & Comments:										
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temp. (°C): Obs'd: <u>5.5</u>		Corr'd:		Therm ID No.:		
Relinquished by: <u>T. Ogerman</u>		Company: <u>IA</u>		Date/Time: <u>6/29/20 1500</u>		Received by: <u>T. Ogerman</u>		Company: <u>IA</u>		Date/Time: <u>6/29/20 1500</u>
Relinquished by: <u>D. Wright</u>		Company: <u>IA</u>		Date/Time: <u>6/30/20 0800</u>		Received by: <u>D. Wright</u>		Company: <u>IA</u>		Date/Time: <u>6/30/20 0845</u>
Relinquished by: <u>D. Wright</u>		Company: <u>IA</u>		Date/Time: <u>6/30/20 0930</u>		Received in Laboratory by: <u>D. Wright</u>		Company: <u>IA</u>		Date/Time: <u>6/30/20 0950</u>

ANALYTICAL REPORT

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

Laboratory Job ID: 500-184283-1

Client Project/Site: IDOT - Lombard - WO 012

For:

Weston Solutions, Inc.
300 Plaza Circle, Suite 202
Mundelein, Illinois 60060

Attn: Mr. Andris Slesers



Authorized for release by:
7/10/2020 5:30:13 PM

Richard Wright, Senior Project Manager
(708)746-0045
Richard.Wright@Eurofinset.com

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

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

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: RP-4(0-4)-063020

Lab Sample ID: 500-184283-1

Date Collected: 06/30/20 08:30

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 83.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.0018		0.0018	0.00061	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00058	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00078	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
1,1-Dichloroethane	<0.0018		0.0018	0.00062	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
1,1-Dichloroethene	<0.0018		0.0018	0.00062	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
1,2-Dichloroethane	<0.0045		0.0045	0.0014	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
1,2-Dichloropropane	<0.0018		0.0018	0.00047	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00064	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
2-Hexanone	<0.0045		0.0045	0.0014	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
Acetone	<0.018		0.018	0.0079	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
Benzene	<0.0018		0.0018	0.00046	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
Bromodichloromethane	<0.0018		0.0018	0.00037	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
Bromoform	<0.0018		0.0018	0.00053	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
Bromomethane	<0.0045 *		0.0045	0.0017	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
Carbon disulfide	<0.0045		0.0045	0.00094	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
Carbon tetrachloride	<0.0018		0.0018	0.00052	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
Chlorobenzene	<0.0018		0.0018	0.00067	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
Chloroethane	<0.0045 *		0.0045	0.0013	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
Chloroform	<0.0018		0.0018	0.00063	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
Chloromethane	<0.0045		0.0045	0.0018	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00051	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00055	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
Dibromochloromethane	<0.0018		0.0018	0.00059	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
Ethylbenzene	<0.0018		0.0018	0.00087	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
Methyl Ethyl Ketone	<0.0045		0.0045	0.0020	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
methyl isobutyl ketone	<0.0045		0.0045	0.0013	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00053	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
Methylene Chloride	0.0041	J	0.0045	0.0018	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
Styrene	<0.0018		0.0018	0.00055	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
Tetrachloroethene	<0.0018		0.0018	0.00062	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
Toluene	<0.0018		0.0018	0.00046	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00080	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00064	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
Trichloroethene	<0.0018		0.0018	0.00061	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
Vinyl chloride	<0.0018		0.0018	0.00080	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1
Xylenes, Total	<0.0036		0.0036	0.00058	mg/Kg	☼	06/30/20 17:51	07/02/20 11:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	85		70 - 134	06/30/20 17:51	07/02/20 11:03	1
4-Bromofluorobenzene (Surr)	98		75 - 131	06/30/20 17:51	07/02/20 11:03	1
Dibromofluoromethane	98		75 - 126	06/30/20 17:51	07/02/20 11:03	1
Toluene-d8 (Surr)	87		75 - 124	06/30/20 17:51	07/02/20 11:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20	F1 F2	0.20	0.043	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
1,2-Dichlorobenzene	<0.20	F1 F2	0.20	0.047	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
1,3-Dichlorobenzene	<0.20	F2	0.20	0.044	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
1,4-Dichlorobenzene	<0.20	F2	0.20	0.051	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: RP-4(0-4)-063020

Lab Sample ID: 500-184283-1

Date Collected: 06/30/20 08:30

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 83.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.090	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
2,4,6-Trichlorophenol	<0.39		0.39	0.14	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
2,4-Dichlorophenol	<0.39		0.39	0.094	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
2,4-Dinitrophenol	<0.80	F1	0.80	0.70	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
2,4-Dinitrotoluene	<0.20		0.20	0.063	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
2,6-Dinitrotoluene	<0.20		0.20	0.078	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
2-Chlorophenol	<0.20		0.20	0.067	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
2-Methylnaphthalene	<0.080	F2	0.080	0.0073	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
2-Nitrophenol	<0.39	F1 F2	0.39	0.093	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
3 & 4 Methylphenol	<0.20	F2	0.20	0.066	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
4,6-Dinitro-2-methylphenol	<0.80	F2	0.80	0.32	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
4-Chloro-3-methylphenol	<0.39	F1	0.39	0.13	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
4-Chloroaniline	<0.80	F1	0.80	0.19	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
4-Nitroaniline	<0.39		0.39	0.17	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
4-Nitrophenol	<0.80		0.80	0.38	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Acenaphthene	<0.039		0.039	0.0071	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Anthracene	0.0067	J	0.039	0.0066	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Benzo[a]anthracene	0.035	J	0.039	0.0053	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Benzo[a]pyrene	0.025	J	0.039	0.0076	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Benzo[b]fluoranthene	0.032	J F1 F2	0.039	0.0085	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Benzo[g,h,i]perylene	0.015	J F1 F2	0.039	0.013	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Benzo[k]fluoranthene	0.014	J	0.039	0.012	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Bis(2-chloroethyl)ether	<0.20	F2	0.20	0.059	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Butyl benzyl phthalate	<0.20		0.20	0.075	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Carbazole	<0.20		0.20	0.099	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Chrysene	0.041		0.039	0.011	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Dibenz(a,h)anthracene	<0.039	F1 F2	0.039	0.0076	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Diethyl phthalate	<0.20		0.20	0.067	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Dimethyl phthalate	<0.20		0.20	0.052	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Fluoranthene	0.068		0.039	0.0073	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Fluorene	<0.039		0.039	0.0056	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Hexachlorobenzene	<0.080		0.080	0.0092	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Hexachlorobutadiene	<0.20	F2	0.20	0.062	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Hexachlorocyclopentadiene	<0.80	F1	0.80	0.23	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Hexachloroethane	<0.20	F2	0.20	0.060	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: RP-4(0-4)-063020

Lab Sample ID: 500-184283-1

Date Collected: 06/30/20 08:30

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 83.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.014	J F1 F2	0.039	0.010	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Isophorone	<0.20	F2	0.20	0.044	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Naphthalene	<0.039	F1 F2	0.039	0.0061	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Nitrobenzene	<0.039	F2	0.039	0.0099	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
N-Nitrosodi-n-propylamine	<0.080	*	0.080	0.048	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
N-Nitrosodiphenylamine	<0.20	*	0.20	0.047	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Pentachlorophenol	<0.80	F2	0.80	0.63	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Phenanthrene	0.033	J	0.039	0.0055	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Phenol	<0.20		0.20	0.088	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Pyrene	0.059		0.039	0.0078	mg/Kg	☼	07/08/20 07:25	07/09/20 08:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	78		31 - 143				07/08/20 07:25	07/09/20 08:34	1
2-Fluorobiphenyl	79		43 - 145				07/08/20 07:25	07/09/20 08:34	1
2-Fluorophenol	79		31 - 166				07/08/20 07:25	07/09/20 08:34	1
Nitrobenzene-d5	72		37 - 147				07/08/20 07:25	07/09/20 08:34	1
Phenol-d5	79		30 - 153				07/08/20 07:25	07/09/20 08:34	1
Terphenyl-d14	102		42 - 157				07/08/20 07:25	07/09/20 08:34	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/09/20 17:11	07/09/20 23:04	1
Barium	0.37	J	0.50	0.050	mg/L		07/09/20 17:11	07/09/20 23:04	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/09/20 17:11	07/09/20 23:04	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 17:11	07/09/20 23:04	1
Chromium	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:04	1
Cobalt	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:04	1
Copper	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:04	1
Iron	<0.40		0.40	0.20	mg/L		07/09/20 17:11	07/09/20 23:04	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/09/20 17:11	07/09/20 23:04	1
Manganese	0.059		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:04	1
Nickel	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:04	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 17:11	07/09/20 23:04	1
Silver	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:04	1
Zinc	0.030	J	0.50	0.020	mg/L		07/09/20 17:11	07/09/20 23:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.10		0.050	0.010	mg/L		07/09/20 17:10	07/09/20 23:54	1
Barium	0.65		0.50	0.050	mg/L		07/09/20 17:10	07/09/20 23:54	1
Beryllium	0.010		0.0040	0.0040	mg/L		07/09/20 17:10	07/09/20 23:54	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 17:10	07/09/20 23:54	1
Chromium	0.20		0.025	0.010	mg/L		07/09/20 17:10	07/09/20 23:54	1
Cobalt	0.064		0.025	0.010	mg/L		07/09/20 17:10	07/09/20 23:54	1
Copper	0.25		0.025	0.010	mg/L		07/09/20 17:10	07/09/20 23:54	1
Iron	220		0.40	0.20	mg/L		07/09/20 17:10	07/09/20 23:54	1
Lead	0.16		0.0075	0.0075	mg/L		07/09/20 17:10	07/09/20 23:54	1
Manganese	0.90		0.025	0.010	mg/L		07/09/20 17:10	07/09/20 23:54	1
Nickel	0.28		0.025	0.010	mg/L		07/09/20 17:10	07/09/20 23:54	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 17:10	07/09/20 23:54	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: RP-4(0-4)-063020

Lab Sample ID: 500-184283-1

Date Collected: 06/30/20 08:30

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 83.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		07/09/20 17:10	07/09/20 23:54	1
Zinc	0.64		0.50	0.020	mg/L		07/09/20 17:10	07/09/20 23:54	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.3	F1	1.1	0.22	mg/Kg	☼	07/07/20 17:08	07/08/20 08:38	1
Arsenic	11	F1	0.56	0.19	mg/Kg	☼	07/07/20 17:08	07/08/20 08:38	1
Barium	49		0.56	0.064	mg/Kg	☼	07/07/20 17:08	07/08/20 08:38	1
Beryllium	1.1		0.23	0.053	mg/Kg	☼	07/07/20 17:08	07/08/20 08:38	1
Cadmium	0.085	J	0.11	0.020	mg/Kg	☼	07/07/20 17:08	07/08/20 08:38	1
Calcium	19000	B	11	1.9	mg/Kg	☼	07/07/20 17:08	07/08/20 08:38	1
Chromium	22		0.56	0.28	mg/Kg	☼	07/07/20 17:08	07/08/20 08:38	1
Cobalt	18		0.28	0.074	mg/Kg	☼	07/07/20 17:08	07/08/20 08:38	1
Copper	29		0.56	0.16	mg/Kg	☼	07/07/20 17:08	07/08/20 08:38	1
Iron	23000		11	5.9	mg/Kg	☼	07/07/20 17:08	07/08/20 08:38	1
Lead	20	F1	0.28	0.13	mg/Kg	☼	07/07/20 17:08	07/08/20 08:38	1
Magnesium	13000		5.6	2.8	mg/Kg	☼	07/07/20 17:08	07/08/20 08:38	1
Manganese	320		0.56	0.082	mg/Kg	☼	07/07/20 17:08	07/08/20 08:38	1
Nickel	45		0.56	0.16	mg/Kg	☼	07/07/20 17:08	07/08/20 08:38	1
Potassium	3200		28	10	mg/Kg	☼	07/07/20 17:08	07/08/20 08:38	1
Selenium	0.60	F1	0.56	0.33	mg/Kg	☼	07/07/20 17:08	07/08/20 08:38	1
Silver	<0.28		0.28	0.073	mg/Kg	☼	07/07/20 17:08	07/08/20 08:38	1
Sodium	2100	F1	56	8.4	mg/Kg	☼	07/07/20 17:08	07/08/20 08:38	1
Thallium	<0.56		0.56	0.28	mg/Kg	☼	07/07/20 17:08	07/08/20 08:38	1
Vanadium	28	B	0.28	0.067	mg/Kg	☼	07/07/20 17:08	07/08/20 08:38	1
Zinc	70	B	1.1	0.50	mg/Kg	☼	07/07/20 17:08	07/08/20 08:38	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/20 12:40	07/10/20 09:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0010		0.0010	0.0010	mg/L		07/09/20 12:40	07/10/20 10:44	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.056		0.020	0.0066	mg/Kg	☼	07/08/20 01:35	07/09/20 08:00	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.8		0.1	0.1	SU			07/02/20 12:39	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: RP-3(0-4)-063020

Lab Sample ID: 500-184283-3

Date Collected: 06/30/20 08:50

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 83.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.0016		0.0016	0.00055	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00052	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00070	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
1,1-Dichloroethane	<0.0016		0.0016	0.00056	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
1,1-Dichloroethene	<0.0016		0.0016	0.00056	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
1,2-Dichloroethane	<0.0041		0.0041	0.0013	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
1,2-Dichloropropane	<0.0016		0.0016	0.00042	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00057	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
2-Hexanone	<0.0041		0.0041	0.0013	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
Acetone	<0.016		0.016	0.0071	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
Benzene	<0.0016		0.0016	0.00042	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
Bromodichloromethane	<0.0016		0.0016	0.00033	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
Bromoform	<0.0016		0.0016	0.00048	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
Bromomethane	<0.0041 *		0.0041	0.0015	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
Carbon disulfide	<0.0041		0.0041	0.00085	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
Carbon tetrachloride	<0.0016		0.0016	0.00047	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
Chlorobenzene	<0.0016		0.0016	0.00060	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
Chloroethane	<0.0041 *		0.0041	0.0012	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
Chloroform	<0.0016		0.0016	0.00057	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
Chloromethane	<0.0041		0.0041	0.0016	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00046	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00049	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
Dibromochloromethane	<0.0016		0.0016	0.00053	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
Ethylbenzene	<0.0016		0.0016	0.00078	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
Methyl Ethyl Ketone	<0.0041		0.0041	0.0018	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
methyl isobutyl ketone	<0.0041		0.0041	0.0012	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00048	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
Methylene Chloride	0.0025 J		0.0041	0.0016	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
Styrene	<0.0016		0.0016	0.00049	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
Tetrachloroethene	<0.0016		0.0016	0.00056	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
Toluene	<0.0016		0.0016	0.00041	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00072	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00057	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
Trichloroethene	<0.0016		0.0016	0.00055	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
Vinyl chloride	<0.0016		0.0016	0.00072	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1
Xylenes, Total	<0.0033		0.0033	0.00052	mg/Kg	☼	06/30/20 17:51	07/02/20 11:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	84		70 - 134	06/30/20 17:51	07/02/20 11:54	1
4-Bromofluorobenzene (Surr)	100		75 - 131	06/30/20 17:51	07/02/20 11:54	1
Dibromofluoromethane	95		75 - 126	06/30/20 17:51	07/02/20 11:54	1
Toluene-d8 (Surr)	88		75 - 124	06/30/20 17:51	07/02/20 11:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.043	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
1,3-Dichlorobenzene	<0.20		0.20	0.045	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
1,4-Dichlorobenzene	<0.20		0.20	0.051	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: RP-3(0-4)-063020

Lab Sample ID: 500-184283-3

Date Collected: 06/30/20 08:50

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 83.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.091	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
2,4,6-Trichlorophenol	<0.39		0.39	0.14	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
2,4-Dichlorophenol	<0.39		0.39	0.094	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
2,4-Dinitrophenol	<0.80		0.80	0.70	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
2,4-Dinitrotoluene	<0.20		0.20	0.063	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
2,6-Dinitrotoluene	<0.20		0.20	0.078	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
2-Chlorophenol	<0.20		0.20	0.068	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
2-Methylnaphthalene	<0.080		0.080	0.0073	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
2-Methylphenol	<0.20		0.20	0.064	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
2-Nitrophenol	<0.39		0.39	0.094	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
3 & 4 Methylphenol	<0.20		0.20	0.066	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.056	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
4,6-Dinitro-2-methylphenol	<0.80		0.80	0.32	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
4-Chloroaniline	<0.80		0.80	0.19	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
4-Nitroaniline	<0.39		0.39	0.17	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
4-Nitrophenol	<0.80		0.80	0.38	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Acenaphthene	<0.039		0.039	0.0071	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Anthracene	<0.039		0.039	0.0066	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Benzo[a]anthracene	<0.039		0.039	0.0053	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Benzo[a]pyrene	<0.039		0.039	0.0077	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Benzo[b]fluoranthene	<0.039		0.039	0.0086	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Benzo[g,h,i]perylene	<0.039		0.039	0.013	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Benzo[k]fluoranthene	<0.039		0.039	0.012	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Butyl benzyl phthalate	<0.20		0.20	0.075	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Carbazole	<0.20		0.20	0.099	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Chrysene	<0.039		0.039	0.011	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Dibenz(a,h)anthracene	<0.039		0.039	0.0077	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Diethyl phthalate	<0.20		0.20	0.067	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Dimethyl phthalate	<0.20		0.20	0.052	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Di-n-octyl phthalate	<0.20		0.20	0.065	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Fluoranthene	<0.039		0.039	0.0074	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Fluorene	<0.039		0.039	0.0056	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Hexachlorobenzene	<0.080		0.080	0.0092	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Hexachlorocyclopentadiene	<0.80		0.80	0.23	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Hexachloroethane	<0.20		0.20	0.060	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: RP-3(0-4)-063020

Lab Sample ID: 500-184283-3

Date Collected: 06/30/20 08:50

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 83.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.039		0.039	0.010	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Isophorone	<0.20		0.20	0.045	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Naphthalene	<0.039		0.039	0.0061	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Nitrobenzene	<0.039		0.039	0.0099	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
N-Nitrosodi-n-propylamine	<0.080	*	0.080	0.048	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
N-Nitrosodiphenylamine	<0.20	*	0.20	0.047	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Pentachlorophenol	<0.80		0.80	0.64	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Phenanthrene	<0.039		0.039	0.0055	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Phenol	<0.20		0.20	0.088	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Pyrene	<0.039		0.039	0.0079	mg/Kg	☼	07/08/20 07:25	07/09/20 02:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	97		31 - 143				07/08/20 07:25	07/09/20 02:31	1
2-Fluorobiphenyl	83		43 - 145				07/08/20 07:25	07/09/20 02:31	1
2-Fluorophenol	77		31 - 166				07/08/20 07:25	07/09/20 02:31	1
Nitrobenzene-d5	67		37 - 147				07/08/20 07:25	07/09/20 02:31	1
Phenol-d5	82		30 - 153				07/08/20 07:25	07/09/20 02:31	1
Terphenyl-d14	108		42 - 157				07/08/20 07:25	07/09/20 02:31	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/09/20 17:11	07/09/20 23:16	1
Barium	0.34	J	0.50	0.050	mg/L		07/09/20 17:11	07/09/20 23:16	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/09/20 17:11	07/09/20 23:16	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 17:11	07/09/20 23:16	1
Chromium	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:16	1
Cobalt	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:16	1
Copper	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:16	1
Iron	<0.40		0.40	0.20	mg/L		07/09/20 17:11	07/09/20 23:16	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/09/20 17:11	07/09/20 23:16	1
Manganese	0.065		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:16	1
Nickel	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:16	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 17:11	07/09/20 23:16	1
Silver	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:16	1
Zinc	0.052	J	0.50	0.020	mg/L		07/09/20 17:11	07/09/20 23:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.095		0.050	0.010	mg/L		07/09/20 17:10	07/10/20 00:02	1
Barium	0.52		0.50	0.050	mg/L		07/09/20 17:10	07/10/20 00:02	1
Beryllium	0.0082		0.0040	0.0040	mg/L		07/09/20 17:10	07/10/20 00:02	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 17:10	07/10/20 00:02	1
Chromium	0.17		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:02	1
Cobalt	0.053		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:02	1
Copper	0.22		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:02	1
Iron	190		0.40	0.20	mg/L		07/09/20 17:10	07/10/20 00:02	1
Lead	0.098		0.0075	0.0075	mg/L		07/09/20 17:10	07/10/20 00:02	1
Manganese	0.70		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:02	1
Nickel	0.23		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:02	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 17:10	07/10/20 00:02	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: RP-3(0-4)-063020

Lab Sample ID: 500-184283-3

Date Collected: 06/30/20 08:50

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 83.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:02	1
Zinc	0.58		0.50	0.020	mg/L		07/09/20 17:10	07/10/20 00:02	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.4		1.1	0.22	mg/Kg	☼	07/07/20 17:08	07/08/20 09:02	1
Arsenic	10		0.55	0.19	mg/Kg	☼	07/07/20 17:08	07/08/20 09:02	1
Barium	49		0.55	0.063	mg/Kg	☼	07/07/20 17:08	07/08/20 09:02	1
Beryllium	0.96		0.22	0.052	mg/Kg	☼	07/07/20 17:08	07/08/20 09:02	1
Cadmium	0.13		0.11	0.020	mg/Kg	☼	07/07/20 17:08	07/08/20 09:02	1
Calcium	28000	B	11	1.9	mg/Kg	☼	07/07/20 17:08	07/08/20 09:02	1
Chromium	22		0.55	0.27	mg/Kg	☼	07/07/20 17:08	07/08/20 09:02	1
Cobalt	13		0.28	0.072	mg/Kg	☼	07/07/20 17:08	07/08/20 09:02	1
Copper	24		0.55	0.15	mg/Kg	☼	07/07/20 17:08	07/08/20 09:02	1
Iron	22000		11	5.7	mg/Kg	☼	07/07/20 17:08	07/08/20 09:02	1
Lead	16		0.28	0.13	mg/Kg	☼	07/07/20 17:08	07/08/20 09:02	1
Magnesium	18000		5.5	2.7	mg/Kg	☼	07/07/20 17:08	07/08/20 09:02	1
Manganese	310		0.55	0.080	mg/Kg	☼	07/07/20 17:08	07/08/20 09:02	1
Nickel	38		0.55	0.16	mg/Kg	☼	07/07/20 17:08	07/08/20 09:02	1
Potassium	3700		28	9.8	mg/Kg	☼	07/07/20 17:08	07/08/20 09:02	1
Selenium	<0.55		0.55	0.33	mg/Kg	☼	07/07/20 17:08	07/08/20 09:02	1
Silver	<0.28		0.28	0.071	mg/Kg	☼	07/07/20 17:08	07/08/20 09:02	1
Sodium	1700		55	8.2	mg/Kg	☼	07/07/20 17:08	07/08/20 09:02	1
Thallium	<0.55		0.55	0.28	mg/Kg	☼	07/07/20 17:08	07/08/20 09:02	1
Vanadium	26	B	0.28	0.065	mg/Kg	☼	07/07/20 17:08	07/08/20 09:02	1
Zinc	68	B	1.1	0.49	mg/Kg	☼	07/07/20 17:08	07/08/20 09:02	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/20 12:40	07/10/20 09:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0010		0.0010	0.0010	mg/L		07/09/20 12:40	07/10/20 10:48	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.038		0.019	0.0064	mg/Kg	☼	07/08/20 01:35	07/09/20 08:04	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.6		0.1	0.1	SU			07/02/20 12:49	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: RP-2(0-4)-063020

Lab Sample ID: 500-184283-5

Date Collected: 06/30/20 09:10

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 83.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.0018		0.0018	0.00061	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00058	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00078	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
1,1-Dichloroethane	<0.0018		0.0018	0.00062	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
1,1-Dichloroethene	<0.0018		0.0018	0.00063	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
1,2-Dichloroethane	<0.0045		0.0045	0.0014	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
1,2-Dichloropropane	<0.0018		0.0018	0.00047	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00064	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
2-Hexanone	<0.0045		0.0045	0.0014	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
Acetone	<0.018		0.018	0.0079	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
Benzene	<0.0018		0.0018	0.00046	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
Bromodichloromethane	<0.0018		0.0018	0.00037	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
Bromoform	<0.0018		0.0018	0.00053	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
Bromomethane	<0.0045 *		0.0045	0.0017	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
Carbon disulfide	<0.0045		0.0045	0.00095	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
Carbon tetrachloride	<0.0018		0.0018	0.00053	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
Chlorobenzene	<0.0018		0.0018	0.00067	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
Chloroethane	<0.0045 *		0.0045	0.0013	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
Chloroform	<0.0018		0.0018	0.00063	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
Chloromethane	<0.0045		0.0045	0.0018	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00051	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00055	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
Dibromochloromethane	<0.0018		0.0018	0.00060	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
Ethylbenzene	<0.0018		0.0018	0.00087	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
Methyl Ethyl Ketone	<0.0045		0.0045	0.0020	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
methyl isobutyl ketone	<0.0045		0.0045	0.0013	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00053	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
Methylene Chloride	<0.0045		0.0045	0.0018	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
Styrene	<0.0018		0.0018	0.00055	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
Tetrachloroethene	<0.0018		0.0018	0.00062	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
Toluene	<0.0018		0.0018	0.00046	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00081	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00064	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
Trichloroethene	<0.0018		0.0018	0.00062	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
Vinyl chloride	<0.0018		0.0018	0.00081	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1
Xylenes, Total	<0.0036		0.0036	0.00058	mg/Kg	☼	06/30/20 17:51	07/02/20 12:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	84		70 - 134	06/30/20 17:51	07/02/20 12:45	1
4-Bromofluorobenzene (Surr)	98		75 - 131	06/30/20 17:51	07/02/20 12:45	1
Dibromofluoromethane	95		75 - 126	06/30/20 17:51	07/02/20 12:45	1
Toluene-d8 (Surr)	88		75 - 124	06/30/20 17:51	07/02/20 12:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.042	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
1,4-Dichlorobenzene	<0.20		0.20	0.050	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.045	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: RP-2(0-4)-063020

Lab Sample ID: 500-184283-5

Date Collected: 06/30/20 09:10

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 83.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.090	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
2,4,6-Trichlorophenol	<0.39		0.39	0.13	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
2,4-Dichlorophenol	<0.39		0.39	0.093	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
2,4-Dinitrophenol	<0.79		0.79	0.69	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
2,4-Dinitrotoluene	<0.20		0.20	0.062	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
2,6-Dinitrotoluene	<0.20		0.20	0.077	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
2-Chloronaphthalene	<0.20		0.20	0.043	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
2-Chlorophenol	<0.20		0.20	0.067	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
2-Methylnaphthalene	<0.079		0.079	0.0072	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
2-Nitrophenol	<0.39		0.39	0.093	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
3 & 4 Methylphenol	<0.20		0.20	0.065	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.32	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
4-Chloroaniline	<0.79		0.79	0.18	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
4-Nitroaniline	<0.39		0.39	0.16	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
4-Nitrophenol	<0.79		0.79	0.37	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Acenaphthene	<0.039		0.039	0.0071	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Anthracene	<0.039		0.039	0.0066	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Benzo[a]anthracene	0.0061	J	0.039	0.0053	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Benzo[a]pyrene	<0.039		0.039	0.0076	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Benzo[b]fluoranthene	0.0092	J	0.039	0.0085	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Benzo[g,h,i]perylene	<0.039		0.039	0.013	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Benzo[k]fluoranthene	<0.039		0.039	0.012	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Butyl benzyl phthalate	<0.20		0.20	0.075	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Carbazole	<0.20		0.20	0.098	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Chrysene	0.011	J	0.039	0.011	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Dibenz(a,h)anthracene	<0.039		0.039	0.0076	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Diethyl phthalate	<0.20		0.20	0.067	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Dimethyl phthalate	<0.20		0.20	0.051	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Fluoranthene	0.0076	J	0.039	0.0073	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Fluorene	<0.039		0.039	0.0055	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Hexachlorobenzene	<0.079		0.079	0.0091	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Hexachlorocyclopentadiene	<0.79		0.79	0.23	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Hexachloroethane	<0.20		0.20	0.060	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: RP-2(0-4)-063020

Lab Sample ID: 500-184283-5

Date Collected: 06/30/20 09:10

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 83.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.039		0.039	0.010	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Naphthalene	<0.039		0.039	0.0060	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Nitrobenzene	<0.039		0.039	0.0098	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
N-Nitrosodi-n-propylamine	<0.079	*	0.079	0.048	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
N-Nitrosodiphenylamine	<0.20	*	0.20	0.046	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Pentachlorophenol	<0.79		0.79	0.63	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Phenanthrene	0.0073	J	0.039	0.0055	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Phenol	<0.20		0.20	0.087	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Pyrene	0.0099	J	0.039	0.0078	mg/Kg	☼	07/08/20 07:25	07/09/20 03:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	86		31 - 143				07/08/20 07:25	07/09/20 03:16	1
2-Fluorobiphenyl	81		43 - 145				07/08/20 07:25	07/09/20 03:16	1
2-Fluorophenol	73		31 - 166				07/08/20 07:25	07/09/20 03:16	1
Nitrobenzene-d5	66		37 - 147				07/08/20 07:25	07/09/20 03:16	1
Phenol-d5	77		30 - 153				07/08/20 07:25	07/09/20 03:16	1
Terphenyl-d14	97		42 - 157				07/08/20 07:25	07/09/20 03:16	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/09/20 17:11	07/09/20 23:22	1
Barium	0.37	J	0.50	0.050	mg/L		07/09/20 17:11	07/09/20 23:22	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/09/20 17:11	07/09/20 23:22	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 17:11	07/09/20 23:22	1
Chromium	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:22	1
Cobalt	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:22	1
Copper	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:22	1
Iron	<0.40		0.40	0.20	mg/L		07/09/20 17:11	07/09/20 23:22	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/09/20 17:11	07/09/20 23:22	1
Manganese	0.74		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:22	1
Nickel	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:22	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 17:11	07/09/20 23:22	1
Silver	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:22	1
Zinc	0.080	J	0.50	0.020	mg/L		07/09/20 17:11	07/09/20 23:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.095		0.050	0.010	mg/L		07/09/20 17:10	07/10/20 00:10	1
Barium	0.61		0.50	0.050	mg/L		07/09/20 17:10	07/10/20 00:10	1
Beryllium	0.0098		0.0040	0.0040	mg/L		07/09/20 17:10	07/10/20 00:10	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 17:10	07/10/20 00:10	1
Chromium	0.20		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:10	1
Cobalt	0.052		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:10	1
Copper	0.23		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:10	1
Iron	200		0.40	0.20	mg/L		07/09/20 17:10	07/10/20 00:10	1
Lead	0.11		0.0075	0.0075	mg/L		07/09/20 17:10	07/10/20 00:10	1
Manganese	0.69		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:10	1
Nickel	0.25		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:10	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 17:10	07/10/20 00:10	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: RP-2(0-4)-063020

Lab Sample ID: 500-184283-5

Date Collected: 06/30/20 09:10

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 83.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:10	1
Zinc	0.57		0.50	0.020	mg/L		07/09/20 17:10	07/10/20 00:10	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.4		1.2	0.23	mg/Kg	☼	07/07/20 17:08	07/08/20 09:18	1
Arsenic	10		0.59	0.20	mg/Kg	☼	07/07/20 17:08	07/08/20 09:18	1
Barium	50		0.59	0.067	mg/Kg	☼	07/07/20 17:08	07/08/20 09:18	1
Beryllium	0.97		0.24	0.055	mg/Kg	☼	07/07/20 17:08	07/08/20 09:18	1
Cadmium	0.11	J	0.12	0.021	mg/Kg	☼	07/07/20 17:08	07/08/20 09:18	1
Calcium	26000	B	12	2.0	mg/Kg	☼	07/07/20 17:08	07/08/20 09:18	1
Chromium	21		0.59	0.29	mg/Kg	☼	07/07/20 17:08	07/08/20 09:18	1
Cobalt	14		0.30	0.078	mg/Kg	☼	07/07/20 17:08	07/08/20 09:18	1
Copper	31		0.59	0.17	mg/Kg	☼	07/07/20 17:08	07/08/20 09:18	1
Iron	22000		12	6.2	mg/Kg	☼	07/07/20 17:08	07/08/20 09:18	1
Lead	23		0.30	0.14	mg/Kg	☼	07/07/20 17:08	07/08/20 09:18	1
Magnesium	17000		5.9	2.9	mg/Kg	☼	07/07/20 17:08	07/08/20 09:18	1
Manganese	310		0.59	0.086	mg/Kg	☼	07/07/20 17:08	07/08/20 09:18	1
Nickel	40		0.59	0.17	mg/Kg	☼	07/07/20 17:08	07/08/20 09:18	1
Potassium	3400		30	10	mg/Kg	☼	07/07/20 17:08	07/08/20 09:18	1
Selenium	0.39	J	0.59	0.35	mg/Kg	☼	07/07/20 17:08	07/08/20 09:18	1
Silver	<0.30		0.30	0.076	mg/Kg	☼	07/07/20 17:08	07/08/20 09:18	1
Sodium	1200		59	8.8	mg/Kg	☼	07/07/20 17:08	07/08/20 09:18	1
Thallium	<0.59		0.59	0.30	mg/Kg	☼	07/07/20 17:08	07/08/20 09:18	1
Vanadium	26	B	0.30	0.070	mg/Kg	☼	07/07/20 17:08	07/08/20 09:18	1
Zinc	74	B	1.2	0.52	mg/Kg	☼	07/07/20 17:08	07/08/20 09:18	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/20 12:40	07/10/20 10:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0010		0.0010	0.0010	mg/L		07/09/20 12:40	07/10/20 10:51	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.048		0.017	0.0058	mg/Kg	☼	07/08/20 01:35	07/09/20 08:08	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.9		0.1	0.1	SU			07/02/20 12:52	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: RP-1(0-4)-063020

Lab Sample ID: 500-184283-7

Date Collected: 06/30/20 09:25

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 81.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.0020		0.0020	0.00067	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00064	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00086	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
1,1-Dichloroethane	<0.0020		0.0020	0.00069	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
1,1-Dichloroethene	<0.0020		0.0020	0.00069	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
1,2-Dichloroethane	<0.0050		0.0050	0.0016	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00071	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
2-Hexanone	<0.0050		0.0050	0.0016	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
Acetone	<0.020		0.020	0.0088	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
Benzene	<0.0020		0.0020	0.00051	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
Bromodichloromethane	<0.0020		0.0020	0.00041	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
Bromoform	<0.0020		0.0020	0.00059	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
Bromomethane	<0.0050 *		0.0050	0.0019	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
Carbon disulfide	<0.0050		0.0050	0.0010	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
Carbon tetrachloride	<0.0020		0.0020	0.00058	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
Chlorobenzene	<0.0020		0.0020	0.00074	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
Chloroethane	<0.0050 *		0.0050	0.0015	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
Chloroform	<0.0020		0.0020	0.00070	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
Chloromethane	<0.0050		0.0050	0.0020	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00056	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00061	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
Dibromochloromethane	<0.0020		0.0020	0.00066	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
Ethylbenzene	<0.0020		0.0020	0.00096	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0022	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
methyl isobutyl ketone	<0.0050		0.0050	0.0015	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00059	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
Methylene Chloride	<0.0050		0.0050	0.0020	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
Styrene	<0.0020		0.0020	0.00061	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
Tetrachloroethene	<0.0020		0.0020	0.00068	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
Toluene	<0.0020		0.0020	0.00051	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00089	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00071	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
Trichloroethene	<0.0020		0.0020	0.00068	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
Vinyl chloride	<0.0020		0.0020	0.00089	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1
Xylenes, Total	<0.0040		0.0040	0.00064	mg/Kg	☼	06/30/20 17:51	07/02/20 13:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		70 - 134	06/30/20 17:51	07/02/20 13:36	1
4-Bromofluorobenzene (Surr)	97		75 - 131	06/30/20 17:51	07/02/20 13:36	1
Dibromofluoromethane	96		75 - 126	06/30/20 17:51	07/02/20 13:36	1
Toluene-d8 (Surr)	89		75 - 124	06/30/20 17:51	07/02/20 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.042	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
1,4-Dichlorobenzene	<0.20		0.20	0.050	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: RP-1(0-4)-063020

Lab Sample ID: 500-184283-7

Date Collected: 06/30/20 09:25

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 81.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.090	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
2,4,6-Trichlorophenol	<0.39		0.39	0.13	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
2,4-Dichlorophenol	<0.39		0.39	0.093	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
2,4-Dinitrophenol	<0.79		0.79	0.69	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
2,4-Dinitrotoluene	<0.20		0.20	0.062	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
2,6-Dinitrotoluene	<0.20		0.20	0.077	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
2-Chloronaphthalene	<0.20		0.20	0.043	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
2-Chlorophenol	<0.20		0.20	0.067	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
2-Methylnaphthalene	<0.079		0.079	0.0072	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
2-Nitrophenol	<0.39		0.39	0.093	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
3 & 4 Methylphenol	<0.20		0.20	0.065	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.32	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
4-Chloroaniline	<0.79		0.79	0.18	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
4-Nitroaniline	<0.39		0.39	0.16	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
4-Nitrophenol	<0.79		0.79	0.37	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Acenaphthene	<0.039		0.039	0.0071	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Anthracene	<0.039		0.039	0.0066	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Benzo[a]anthracene	<0.039		0.039	0.0053	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Benzo[a]pyrene	<0.039		0.039	0.0076	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Benzo[b]fluoranthene	<0.039		0.039	0.0085	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Benzo[g,h,i]perylene	<0.039		0.039	0.013	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Benzo[k]fluoranthene	<0.039		0.039	0.012	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Butyl benzyl phthalate	<0.20		0.20	0.075	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Carbazole	<0.20		0.20	0.098	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Chrysene	<0.039		0.039	0.011	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Dibenz(a,h)anthracene	<0.039		0.039	0.0076	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Diethyl phthalate	<0.20		0.20	0.067	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Dimethyl phthalate	<0.20		0.20	0.051	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Fluoranthene	<0.039		0.039	0.0073	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Fluorene	<0.039		0.039	0.0055	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Hexachlorobenzene	<0.079		0.079	0.0091	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Hexachlorocyclopentadiene	<0.79		0.79	0.23	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Hexachloroethane	<0.20		0.20	0.060	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: RP-1(0-4)-063020

Lab Sample ID: 500-184283-7

Date Collected: 06/30/20 09:25

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 81.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.039		0.039	0.010	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Naphthalene	<0.039		0.039	0.0060	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Nitrobenzene	<0.039		0.039	0.0098	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
N-Nitrosodi-n-propylamine	<0.079	*	0.079	0.048	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
N-Nitrosodiphenylamine	<0.20	*	0.20	0.046	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Pentachlorophenol	<0.79		0.79	0.63	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Phenanthrene	<0.039		0.039	0.0055	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Phenol	<0.20		0.20	0.087	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1
Pyrene	<0.039		0.039	0.0078	mg/Kg	☼	07/08/20 07:25	07/09/20 04:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	63		31 - 143	07/08/20 07:25	07/09/20 04:02	1
2-Fluorobiphenyl	50		43 - 145	07/08/20 07:25	07/09/20 04:02	1
2-Fluorophenol	57		31 - 166	07/08/20 07:25	07/09/20 04:02	1
Nitrobenzene-d5	47		37 - 147	07/08/20 07:25	07/09/20 04:02	1
Phenol-d5	61		30 - 153	07/08/20 07:25	07/09/20 04:02	1
Terphenyl-d14	94		42 - 157	07/08/20 07:25	07/09/20 04:02	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/09/20 17:11	07/09/20 23:28	1
Barium	0.39	J	0.50	0.050	mg/L		07/09/20 17:11	07/09/20 23:28	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/09/20 17:11	07/09/20 23:28	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 17:11	07/09/20 23:28	1
Chromium	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:28	1
Cobalt	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:28	1
Copper	0.013	J	0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:28	1
Iron	<0.40		0.40	0.20	mg/L		07/09/20 17:11	07/09/20 23:28	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/09/20 17:11	07/09/20 23:28	1
Manganese	0.77		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:28	1
Nickel	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:28	1
Selenium	0.020	J	0.050	0.020	mg/L		07/09/20 17:11	07/09/20 23:28	1
Silver	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:28	1
Zinc	0.086	J	0.50	0.020	mg/L		07/09/20 17:11	07/09/20 23:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.12		0.050	0.010	mg/L		07/09/20 17:10	07/10/20 00:18	1
Barium	0.72		0.50	0.050	mg/L		07/09/20 17:10	07/10/20 00:18	1
Beryllium	0.012		0.0040	0.0040	mg/L		07/09/20 17:10	07/10/20 00:18	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 17:10	07/10/20 00:18	1
Chromium	0.23		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:18	1
Cobalt	0.065		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:18	1
Copper	0.27		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:18	1
Iron	250		0.40	0.20	mg/L		07/09/20 17:10	07/10/20 00:18	1
Lead	0.13		0.0075	0.0075	mg/L		07/09/20 17:10	07/10/20 00:18	1
Manganese	0.89		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:18	1
Nickel	0.31		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:18	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 17:10	07/10/20 00:18	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: RP-1(0-4)-063020

Lab Sample ID: 500-184283-7

Date Collected: 06/30/20 09:25

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 81.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:18	1
Zinc	0.67		0.50	0.020	mg/L		07/09/20 17:10	07/10/20 00:18	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.5		1.2	0.24	mg/Kg	☼	07/07/20 17:08	07/08/20 09:26	1
Arsenic	10		0.61	0.21	mg/Kg	☼	07/07/20 17:08	07/08/20 09:26	1
Barium	60		0.61	0.069	mg/Kg	☼	07/07/20 17:08	07/08/20 09:26	1
Beryllium	1.1		0.24	0.057	mg/Kg	☼	07/07/20 17:08	07/08/20 09:26	1
Cadmium	0.081	J	0.12	0.022	mg/Kg	☼	07/07/20 17:08	07/08/20 09:26	1
Calcium	17000	B	12	2.1	mg/Kg	☼	07/07/20 17:08	07/08/20 09:26	1
Chromium	25		0.61	0.30	mg/Kg	☼	07/07/20 17:08	07/08/20 09:26	1
Cobalt	18		0.30	0.080	mg/Kg	☼	07/07/20 17:08	07/08/20 09:26	1
Copper	29		0.61	0.17	mg/Kg	☼	07/07/20 17:08	07/08/20 09:26	1
Iron	24000		12	6.3	mg/Kg	☼	07/07/20 17:08	07/08/20 09:26	1
Lead	21		0.30	0.14	mg/Kg	☼	07/07/20 17:08	07/08/20 09:26	1
Magnesium	13000		6.1	3.0	mg/Kg	☼	07/07/20 17:08	07/08/20 09:26	1
Manganese	320		0.61	0.088	mg/Kg	☼	07/07/20 17:08	07/08/20 09:26	1
Nickel	43		0.61	0.18	mg/Kg	☼	07/07/20 17:08	07/08/20 09:26	1
Potassium	3700		30	11	mg/Kg	☼	07/07/20 17:08	07/08/20 09:26	1
Selenium	0.48	J	0.61	0.36	mg/Kg	☼	07/07/20 17:08	07/08/20 09:26	1
Silver	<0.30		0.30	0.079	mg/Kg	☼	07/07/20 17:08	07/08/20 09:26	1
Sodium	2400		61	9.0	mg/Kg	☼	07/07/20 17:08	07/08/20 09:26	1
Thallium	<0.61		0.61	0.30	mg/Kg	☼	07/07/20 17:08	07/08/20 09:26	1
Vanadium	31	B	0.30	0.072	mg/Kg	☼	07/07/20 17:08	07/08/20 09:26	1
Zinc	73	B	1.2	0.53	mg/Kg	☼	07/07/20 17:08	07/08/20 09:26	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/20 12:40	07/10/20 10:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0010		0.0010	0.0010	mg/L		07/09/20 12:40	07/10/20 10:54	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.020		0.020	0.0066	mg/Kg	☼	07/08/20 01:35	07/09/20 08:13	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.5		0.1	0.1	SU			07/02/20 12:55	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: RP-4(0-4)-063020D

Lab Sample ID: 500-184283-9

Date Collected: 06/30/20 08:30

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 82.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.0019		0.0019	0.00063	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00060	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00081	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
1,1-Dichloroethane	<0.0019		0.0019	0.00064	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
1,1-Dichloroethene	<0.0019		0.0019	0.00065	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
1,2-Dichloroethane	<0.0047		0.0047	0.0015	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
1,2-Dichloropropane	<0.0019		0.0019	0.00049	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00066	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
2-Hexanone	<0.0047		0.0047	0.0015	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
Acetone	<0.019		0.019	0.0082	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
Benzene	<0.0019		0.0019	0.00048	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
Bromodichloromethane	<0.0019		0.0019	0.00038	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
Bromoform	<0.0019		0.0019	0.00055	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
Bromomethane	<0.0047 *		0.0047	0.0018	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
Carbon disulfide	<0.0047		0.0047	0.00098	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
Carbon tetrachloride	<0.0019		0.0019	0.00055	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
Chlorobenzene	<0.0019		0.0019	0.00069	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
Chloroethane	<0.0047 *		0.0047	0.0014	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
Chloroform	<0.0019		0.0019	0.00065	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
Chloromethane	<0.0047		0.0047	0.0019	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00053	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00057	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
Dibromochloromethane	<0.0019		0.0019	0.00061	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
Ethylbenzene	<0.0019		0.0019	0.00090	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
Methyl Ethyl Ketone	<0.0047		0.0047	0.0021	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
methyl isobutyl ketone	<0.0047		0.0047	0.0014	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00055	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
Methylene Chloride	0.0020 J		0.0047	0.0019	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
Styrene	<0.0019		0.0019	0.00057	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
Tetrachloroethene	<0.0019		0.0019	0.00064	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
Toluene	<0.0019		0.0019	0.00047	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00083	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00066	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
Trichloroethene	<0.0019		0.0019	0.00064	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
Vinyl chloride	<0.0019		0.0019	0.00083	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1
Xylenes, Total	<0.0038		0.0038	0.00060	mg/Kg	☼	06/30/20 17:51	07/02/20 14:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	84		70 - 134	06/30/20 17:51	07/02/20 14:27	1
4-Bromofluorobenzene (Surr)	95		75 - 131	06/30/20 17:51	07/02/20 14:27	1
Dibromofluoromethane	98		75 - 126	06/30/20 17:51	07/02/20 14:27	1
Toluene-d8 (Surr)	87		75 - 124	06/30/20 17:51	07/02/20 14:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.043	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
1,2-Dichlorobenzene	<0.20		0.20	0.048	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
1,3-Dichlorobenzene	<0.20		0.20	0.045	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
1,4-Dichlorobenzene	<0.20		0.20	0.051	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.047	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: RP-4(0-4)-063020D

Lab Sample ID: 500-184283-9

Date Collected: 06/30/20 08:30

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 82.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.40		0.40	0.092	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
2,4,6-Trichlorophenol	<0.40		0.40	0.14	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
2,4-Dichlorophenol	<0.40		0.40	0.095	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
2,4-Dimethylphenol	<0.40		0.40	0.15	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
2,4-Dinitrophenol	<0.81		0.81	0.71	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
2,4-Dinitrotoluene	<0.20		0.20	0.064	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
2,6-Dinitrotoluene	<0.20		0.20	0.079	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
2-Chlorophenol	<0.20		0.20	0.069	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
2-Methylnaphthalene	<0.081		0.081	0.0074	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
2-Methylphenol	<0.20		0.20	0.064	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
2-Nitroaniline	<0.20		0.20	0.054	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
2-Nitrophenol	<0.40		0.40	0.095	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
3 & 4 Methylphenol	<0.20		0.20	0.067	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.056	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
3-Nitroaniline	<0.40		0.40	0.12	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
4,6-Dinitro-2-methylphenol	<0.81		0.81	0.32	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.053	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
4-Chloro-3-methylphenol	<0.40		0.40	0.14	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
4-Chloroaniline	<0.81		0.81	0.19	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.047	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
4-Nitroaniline	<0.40		0.40	0.17	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
4-Nitrophenol	<0.81		0.81	0.38	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Acenaphthene	<0.040		0.040	0.0072	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Acenaphthylene	<0.040		0.040	0.0053	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Anthracene	<0.040		0.040	0.0067	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Benzo[a]anthracene	<0.040		0.040	0.0054	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Benzo[a]pyrene	<0.040		0.040	0.0078	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Benzo[b]fluoranthene	<0.040		0.040	0.0087	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Benzo[g,h,i]perylene	<0.040		0.040	0.013	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Benzo[k]fluoranthene	<0.040		0.040	0.012	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.041	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.060	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.073	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Butyl benzyl phthalate	<0.20		0.20	0.076	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Carbazole	<0.20		0.20	0.10	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Chrysene	<0.040		0.040	0.011	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Dibenz(a,h)anthracene	<0.040		0.040	0.0078	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Dibenzofuran	<0.20		0.20	0.047	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Diethyl phthalate	<0.20		0.20	0.068	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Dimethyl phthalate	<0.20		0.20	0.052	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Di-n-butyl phthalate	<0.20		0.20	0.061	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Di-n-octyl phthalate	<0.20		0.20	0.066	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Fluoranthene	<0.040		0.040	0.0074	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Fluorene	<0.040		0.040	0.0056	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Hexachlorobenzene	<0.081		0.081	0.0093	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Hexachlorobutadiene	<0.20		0.20	0.063	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Hexachlorocyclopentadiene	<0.81		0.81	0.23	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Hexachloroethane	<0.20		0.20	0.061	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: RP-4(0-4)-063020D

Lab Sample ID: 500-184283-9

Date Collected: 06/30/20 08:30

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 82.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.040		0.040	0.010	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Isophorone	<0.20		0.20	0.045	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Naphthalene	<0.040		0.040	0.0062	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Nitrobenzene	<0.040		0.040	0.010	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
N-Nitrosodi-n-propylamine	<0.081	*	0.081	0.049	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
N-Nitrosodiphenylamine	<0.20	*	0.20	0.047	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Pentachlorophenol	<0.81		0.81	0.64	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Phenanthrene	<0.040		0.040	0.0056	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Phenol	<0.20		0.20	0.089	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1
Pyrene	<0.040		0.040	0.0080	mg/Kg	☼	07/08/20 07:25	07/09/20 04:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	34		31 - 143	07/08/20 07:25	07/09/20 04:47	1
2-Fluorobiphenyl	36	X	43 - 145	07/08/20 07:25	07/09/20 04:47	1
2-Fluorophenol	40		31 - 166	07/08/20 07:25	07/09/20 04:47	1
Nitrobenzene-d5	37		37 - 147	07/08/20 07:25	07/09/20 04:47	1
Phenol-d5	35		30 - 153	07/08/20 07:25	07/09/20 04:47	1
Terphenyl-d14	43		42 - 157	07/08/20 07:25	07/09/20 04:47	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/09/20 17:11	07/09/20 23:33	1
Barium	0.43	J	0.50	0.050	mg/L		07/09/20 17:11	07/09/20 23:33	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/09/20 17:11	07/09/20 23:33	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 17:11	07/09/20 23:33	1
Chromium	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:33	1
Cobalt	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:33	1
Copper	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:33	1
Iron	<0.40		0.40	0.20	mg/L		07/09/20 17:11	07/09/20 23:33	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/09/20 17:11	07/09/20 23:33	1
Manganese	0.10		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:33	1
Nickel	0.010	J	0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:33	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 17:11	07/09/20 23:33	1
Silver	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:33	1
Zinc	0.080	J	0.50	0.020	mg/L		07/09/20 17:11	07/09/20 23:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.11		0.050	0.010	mg/L		07/09/20 17:10	07/10/20 00:26	1
Barium	0.65		0.50	0.050	mg/L		07/09/20 17:10	07/10/20 00:26	1
Beryllium	0.010		0.0040	0.0040	mg/L		07/09/20 17:10	07/10/20 00:26	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 17:10	07/10/20 00:26	1
Chromium	0.21		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:26	1
Cobalt	0.068		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:26	1
Copper	0.26		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:26	1
Iron	230		0.40	0.20	mg/L		07/09/20 17:10	07/10/20 00:26	1
Lead	0.12		0.0075	0.0075	mg/L		07/09/20 17:10	07/10/20 00:26	1
Manganese	0.89		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:26	1
Nickel	0.29		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:26	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 17:10	07/10/20 00:26	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: RP-4(0-4)-063020D

Lab Sample ID: 500-184283-9

Date Collected: 06/30/20 08:30

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 82.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:26	1
Zinc	0.64		0.50	0.020	mg/L		07/09/20 17:10	07/10/20 00:26	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.4		1.2	0.23	mg/Kg	☼	07/07/20 17:08	07/08/20 09:34	1
Arsenic	11		0.59	0.20	mg/Kg	☼	07/07/20 17:08	07/08/20 09:34	1
Barium	53		0.59	0.067	mg/Kg	☼	07/07/20 17:08	07/08/20 09:34	1
Beryllium	1.0		0.24	0.055	mg/Kg	☼	07/07/20 17:08	07/08/20 09:34	1
Cadmium	0.12		0.12	0.021	mg/Kg	☼	07/07/20 17:08	07/08/20 09:34	1
Calcium	27000	B	12	2.0	mg/Kg	☼	07/07/20 17:08	07/08/20 09:34	1
Chromium	22		0.59	0.29	mg/Kg	☼	07/07/20 17:08	07/08/20 09:34	1
Cobalt	20		0.30	0.078	mg/Kg	☼	07/07/20 17:08	07/08/20 09:34	1
Copper	31		0.59	0.17	mg/Kg	☼	07/07/20 17:08	07/08/20 09:34	1
Iron	23000		12	6.2	mg/Kg	☼	07/07/20 17:08	07/08/20 09:34	1
Lead	22		0.30	0.14	mg/Kg	☼	07/07/20 17:08	07/08/20 09:34	1
Magnesium	18000		5.9	2.9	mg/Kg	☼	07/07/20 17:08	07/08/20 09:34	1
Manganese	430		0.59	0.086	mg/Kg	☼	07/07/20 17:08	07/08/20 09:34	1
Nickel	45		0.59	0.17	mg/Kg	☼	07/07/20 17:08	07/08/20 09:34	1
Potassium	3600		30	10	mg/Kg	☼	07/07/20 17:08	07/08/20 09:34	1
Selenium	0.50	J	0.59	0.35	mg/Kg	☼	07/07/20 17:08	07/08/20 09:34	1
Silver	<0.30		0.30	0.076	mg/Kg	☼	07/07/20 17:08	07/08/20 09:34	1
Sodium	1800		59	8.8	mg/Kg	☼	07/07/20 17:08	07/08/20 09:34	1
Thallium	0.33	J	0.59	0.30	mg/Kg	☼	07/07/20 17:08	07/08/20 09:34	1
Vanadium	28	B	0.30	0.070	mg/Kg	☼	07/07/20 17:08	07/08/20 09:34	1
Zinc	79	B	1.2	0.52	mg/Kg	☼	07/07/20 17:08	07/08/20 09:34	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/20 12:40	07/10/20 10:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0010		0.0010	0.0010	mg/L		07/09/20 12:40	07/10/20 10:57	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.020		0.019	0.0064	mg/Kg	☼	07/08/20 01:35	07/09/20 08:26	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.9		0.1	0.1	SU			07/02/20 12:58	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: GW-1(0-5)-063020

Lab Sample ID: 500-184283-10

Date Collected: 06/30/20 10:00

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 81.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.0022		0.0022	0.00072	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
1,1,2,2-Tetrachloroethane	<0.0022		0.0022	0.00069	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
1,1,2-Trichloroethane	<0.0022		0.0022	0.00092	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
1,1-Dichloroethane	<0.0022		0.0022	0.00074	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
1,1-Dichloroethene	<0.0022		0.0022	0.00074	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
1,2-Dichloroethane	<0.0054		0.0054	0.0017	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
1,2-Dichloropropane	<0.0022		0.0022	0.00056	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
1,3-Dichloropropene, Total	<0.0022		0.0022	0.00076	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
2-Hexanone	<0.0054		0.0054	0.0017	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Acetone	<0.022		0.022	0.0094	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Benzene	<0.0022		0.0022	0.00055	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Bromodichloromethane	<0.0022		0.0022	0.00044	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Bromoform	<0.0022		0.0022	0.00063	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Bromomethane	<0.0054 *		0.0054	0.0020	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Carbon disulfide	<0.0054		0.0054	0.0011	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Carbon tetrachloride	<0.0022		0.0022	0.00062	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Chlorobenzene	<0.0022		0.0022	0.00079	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Chloroethane	<0.0054 *		0.0054	0.0016	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Chloroform	<0.0022		0.0022	0.00075	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Chloromethane	<0.0054		0.0054	0.0022	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
cis-1,2-Dichloroethene	<0.0022		0.0022	0.00060	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
cis-1,3-Dichloropropene	<0.0022		0.0022	0.00065	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Dibromochloromethane	<0.0022		0.0022	0.00070	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Ethylbenzene	<0.0022		0.0022	0.0010	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Methyl Ethyl Ketone	<0.0054		0.0054	0.0024	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
methyl isobutyl ketone	<0.0054		0.0054	0.0016	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Methyl tert-butyl ether	<0.0022		0.0022	0.00063	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Methylene Chloride	0.0054		0.0054	0.0021	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Styrene	<0.0022		0.0022	0.00065	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Tetrachloroethene	<0.0022		0.0022	0.00073	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Toluene	<0.0022		0.0022	0.00054	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
trans-1,2-Dichloroethene	<0.0022		0.0022	0.00095	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
trans-1,3-Dichloropropene	<0.0022		0.0022	0.00076	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Trichloroethene	<0.0022		0.0022	0.00073	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Vinyl chloride	<0.0022		0.0022	0.00095	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Xylenes, Total	<0.0043		0.0043	0.00069	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	82		70 - 134	06/30/20 17:51	07/02/20 14:52	1
4-Bromofluorobenzene (Surr)	97		75 - 131	06/30/20 17:51	07/02/20 14:52	1
Dibromofluoromethane	96		75 - 126	06/30/20 17:51	07/02/20 14:52	1
Toluene-d8 (Surr)	89		75 - 124	06/30/20 17:51	07/02/20 14:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
1,2-Dichlorobenzene	<0.20		0.20	0.048	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
1,3-Dichlorobenzene	<0.20		0.20	0.046	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
1,4-Dichlorobenzene	<0.20		0.20	0.052	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.047	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: GW-1(0-5)-063020

Lab Sample ID: 500-184283-10

Date Collected: 06/30/20 10:00

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 81.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.40		0.40	0.093	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
2,4,6-Trichlorophenol	<0.40		0.40	0.14	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
2,4-Dichlorophenol	<0.40		0.40	0.096	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
2,4-Dimethylphenol	<0.40		0.40	0.15	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
2,4-Dinitrophenol	<0.82		0.82	0.71	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
2,4-Dinitrotoluene	<0.20		0.20	0.064	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
2,6-Dinitrotoluene	<0.20		0.20	0.080	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
2-Chloronaphthalene	<0.20		0.20	0.045	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
2-Chlorophenol	<0.20		0.20	0.069	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
2-Methylnaphthalene	<0.082		0.082	0.0075	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
2-Methylphenol	<0.20		0.20	0.065	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
2-Nitroaniline	<0.20		0.20	0.055	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
2-Nitrophenol	<0.40		0.40	0.096	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
3 & 4 Methylphenol	<0.20		0.20	0.068	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.057	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
3-Nitroaniline	<0.40		0.40	0.13	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
4,6-Dinitro-2-methylphenol	<0.82		0.82	0.33	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.053	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
4-Chloro-3-methylphenol	<0.40		0.40	0.14	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
4-Chloroaniline	<0.82		0.82	0.19	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.047	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
4-Nitroaniline	<0.40		0.40	0.17	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
4-Nitrophenol	<0.82		0.82	0.39	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Acenaphthene	<0.040		0.040	0.0073	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Acenaphthylene	<0.040		0.040	0.0053	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Anthracene	<0.040		0.040	0.0068	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Benzo[a]anthracene	0.012	J	0.040	0.0055	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Benzo[a]pyrene	0.015	J	0.040	0.0078	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Benzo[b]fluoranthene	0.019	J	0.040	0.0088	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Benzo[g,h,i]perylene	0.015	J	0.040	0.013	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Benzo[k]fluoranthene	<0.040		0.040	0.012	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.041	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.061	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.074	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Butyl benzyl phthalate	<0.20		0.20	0.077	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Carbazole	<0.20		0.20	0.10	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Chrysene	0.014	J	0.040	0.011	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Dibenz(a,h)anthracene	<0.040		0.040	0.0078	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Dibenzofuran	<0.20		0.20	0.047	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Diethyl phthalate	<0.20		0.20	0.069	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Dimethyl phthalate	<0.20		0.20	0.053	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Di-n-butyl phthalate	<0.20		0.20	0.062	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Di-n-octyl phthalate	<0.20		0.20	0.066	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Fluoranthene	0.020	J	0.040	0.0075	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Fluorene	<0.040		0.040	0.0057	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Hexachlorobenzene	<0.082		0.082	0.0094	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Hexachlorobutadiene	<0.20		0.20	0.064	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Hexachlorocyclopentadiene	<0.82		0.82	0.23	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Hexachloroethane	<0.20		0.20	0.062	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: GW-1(0-5)-063020

Lab Sample ID: 500-184283-10

Date Collected: 06/30/20 10:00

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 81.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.011	J	0.040	0.011	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Isophorone	<0.20		0.20	0.046	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Naphthalene	<0.040		0.040	0.0062	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Nitrobenzene	<0.040		0.040	0.010	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
N-Nitrosodi-n-propylamine	<0.082	*	0.082	0.050	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
N-Nitrosodiphenylamine	<0.20	*	0.20	0.048	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Pentachlorophenol	<0.82		0.82	0.65	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Phenanthrene	0.0098	J	0.040	0.0057	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Phenol	<0.20		0.20	0.090	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Pyrene	0.021	J	0.040	0.0081	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	61		31 - 143				07/08/20 07:25	07/09/20 05:10	1
2-Fluorobiphenyl	65		43 - 145				07/08/20 07:25	07/09/20 05:10	1
2-Fluorophenol	66		31 - 166				07/08/20 07:25	07/09/20 05:10	1
Nitrobenzene-d5	59		37 - 147				07/08/20 07:25	07/09/20 05:10	1
Phenol-d5	68		30 - 153				07/08/20 07:25	07/09/20 05:10	1
Terphenyl-d14	99		42 - 157				07/08/20 07:25	07/09/20 05:10	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/09/20 17:11	07/09/20 23:36	1
Barium	0.51		0.50	0.050	mg/L		07/09/20 17:11	07/09/20 23:36	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/09/20 17:11	07/09/20 23:36	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 17:11	07/09/20 23:36	1
Chromium	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:36	1
Cobalt	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:36	1
Copper	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:36	1
Iron	<0.40		0.40	0.20	mg/L		07/09/20 17:11	07/09/20 23:36	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/09/20 17:11	07/09/20 23:36	1
Manganese	0.46		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:36	1
Nickel	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:36	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 17:11	07/09/20 23:36	1
Silver	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:36	1
Zinc	0.083	J	0.50	0.020	mg/L		07/09/20 17:11	07/09/20 23:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.13		0.050	0.010	mg/L		07/09/20 17:10	07/10/20 00:30	1
Barium	0.80		0.50	0.050	mg/L		07/09/20 17:10	07/10/20 00:30	1
Beryllium	0.012		0.0040	0.0040	mg/L		07/09/20 17:10	07/10/20 00:30	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 17:10	07/10/20 00:30	1
Chromium	0.24		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:30	1
Cobalt	0.080		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:30	1
Copper	0.31		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:30	1
Iron	270		0.40	0.20	mg/L		07/09/20 17:10	07/10/20 00:30	1
Lead	0.18		0.0075	0.0075	mg/L		07/09/20 17:10	07/10/20 00:30	1
Manganese	1.1		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:30	1
Nickel	0.34		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:30	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 17:10	07/10/20 00:30	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: GW-1(0-5)-063020

Lab Sample ID: 500-184283-10

Date Collected: 06/30/20 10:00

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 81.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:30	1
Zinc	0.79		0.50	0.020	mg/L		07/09/20 17:10	07/10/20 00:30	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.2		1.2	0.24	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Arsenic	10		0.61	0.21	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Barium	62		0.61	0.069	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Beryllium	0.94		0.24	0.057	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Cadmium	0.12		0.12	0.022	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Calcium	25000	B	12	2.1	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Chromium	21		0.61	0.30	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Cobalt	15		0.30	0.080	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Copper	29		0.61	0.17	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Iron	22000		12	6.3	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Lead	27		0.30	0.14	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Magnesium	16000		6.1	3.0	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Manganese	360		0.61	0.088	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Nickel	39		0.61	0.18	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Potassium	3100		30	11	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Selenium	<0.61		0.61	0.36	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Silver	<0.30		0.30	0.078	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Sodium	1700		61	9.0	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Thallium	<0.61		0.61	0.30	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Vanadium	26	B	0.30	0.072	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Zinc	73	B	1.2	0.53	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/20 12:40	07/10/20 10:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0010		0.0010	0.0010	mg/L		07/09/20 12:40	07/10/20 11:22	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.022		0.020	0.0066	mg/Kg	☼	07/08/20 01:35	07/09/20 08:29	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	9.0		0.1	0.1	SU			07/02/20 12:59	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: VL-2(0-4)-063020

Lab Sample ID: 500-184283-19

Date Collected: 06/30/20 10:55

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 82.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.0018		0.0018	0.00060	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00057	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00077	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
1,1-Dichloroethane	<0.0018		0.0018	0.00061	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
1,1-Dichloroethene	<0.0018		0.0018	0.00061	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
1,2-Dichloroethane	<0.0045		0.0045	0.0014	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
1,2-Dichloropropane	<0.0018		0.0018	0.00046	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00063	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
2-Hexanone	<0.0045		0.0045	0.0014	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
Acetone	<0.018		0.018	0.0078	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
Benzene	<0.0018		0.0018	0.00046	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
Bromodichloromethane	<0.0018		0.0018	0.00036	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
Bromoform	<0.0018		0.0018	0.00052	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
Bromomethane	<0.0045		0.0045	0.0017	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
Carbon disulfide	<0.0045		0.0045	0.00093	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
Carbon tetrachloride	<0.0018		0.0018	0.00052	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
Chlorobenzene	<0.0018		0.0018	0.00066	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
Chloroethane	<0.0045		0.0045	0.0013	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
Chloroform	<0.0018		0.0018	0.00062	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
Chloromethane	<0.0045		0.0045	0.0018	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00050	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00054	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
Dibromochloromethane	<0.0018		0.0018	0.00058	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
Ethylbenzene	<0.0018		0.0018	0.00085	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
Methyl Ethyl Ketone	<0.0045		0.0045	0.0020	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
methyl isobutyl ketone	<0.0045		0.0045	0.0013	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00052	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
Methylene Chloride	<0.0045		0.0045	0.0018	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
Styrene	<0.0018		0.0018	0.00054	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
Tetrachloroethene	<0.0018		0.0018	0.00061	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
Toluene	<0.0018		0.0018	0.00045	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00079	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00063	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
Trichloroethene	<0.0018		0.0018	0.00060	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
Vinyl chloride	<0.0018		0.0018	0.00079	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
Xylenes, Total	<0.0036		0.0036	0.00057	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		70 - 134	06/30/20 17:51	07/02/20 10:49	1
4-Bromofluorobenzene (Surr)	116		75 - 131	06/30/20 17:51	07/02/20 10:49	1
Dibromofluoromethane	97		75 - 126	06/30/20 17:51	07/02/20 10:49	1
Toluene-d8 (Surr)	98		75 - 124	06/30/20 17:51	07/02/20 10:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.043	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
1,2-Dichlorobenzene	<0.20		0.20	0.048	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
1,3-Dichlorobenzene	<0.20		0.20	0.045	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
1,4-Dichlorobenzene	<0.20		0.20	0.051	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: VL-2(0-4)-063020

Lab Sample ID: 500-184283-19

Date Collected: 06/30/20 10:55

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 82.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.40		0.40	0.091	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
2,4,6-Trichlorophenol	<0.40		0.40	0.14	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
2,4-Dichlorophenol	<0.40		0.40	0.095	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
2,4-Dimethylphenol	<0.40		0.40	0.15	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
2,4-Dinitrophenol	<0.80		0.80	0.70	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
2,4-Dinitrotoluene	<0.20		0.20	0.063	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
2,6-Dinitrotoluene	<0.20		0.20	0.078	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
2-Chlorophenol	<0.20		0.20	0.068	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
2-Methylnaphthalene	<0.080		0.080	0.0073	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
2-Methylphenol	<0.20		0.20	0.064	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
2-Nitroaniline	<0.20		0.20	0.054	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
2-Nitrophenol	<0.40		0.40	0.094	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
3 & 4 Methylphenol	<0.20		0.20	0.066	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.056	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
3-Nitroaniline	<0.40		0.40	0.12	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
4,6-Dinitro-2-methylphenol	<0.80		0.80	0.32	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.053	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
4-Chloro-3-methylphenol	<0.40		0.40	0.14	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
4-Chloroaniline	<0.80		0.80	0.19	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.047	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
4-Nitroaniline	<0.40		0.40	0.17	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
4-Nitrophenol	<0.80		0.80	0.38	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Acenaphthene	<0.040		0.040	0.0072	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Acenaphthylene	<0.040		0.040	0.0053	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Anthracene	<0.040		0.040	0.0067	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Benzo[a]anthracene	0.0074	J	0.040	0.0054	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Benzo[a]pyrene	<0.040		0.040	0.0077	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Benzo[b]fluoranthene	0.0090	J	0.040	0.0086	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Benzo[g,h,i]perylene	<0.040		0.040	0.013	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Benzo[k]fluoranthene	<0.040		0.040	0.012	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.041	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.060	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.073	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Butyl benzyl phthalate	<0.20		0.20	0.076	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Carbazole	<0.20		0.20	0.10	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Chrysene	<0.040		0.040	0.011	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Dibenz(a,h)anthracene	<0.040		0.040	0.0077	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Dibenzofuran	<0.20		0.20	0.047	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Diethyl phthalate	<0.20		0.20	0.068	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Dimethyl phthalate	<0.20		0.20	0.052	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Di-n-butyl phthalate	<0.20		0.20	0.061	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Di-n-octyl phthalate	<0.20		0.20	0.065	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Fluoranthene	0.0091	J	0.040	0.0074	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Fluorene	<0.040		0.040	0.0056	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Hexachlorobenzene	<0.080		0.080	0.0092	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Hexachlorobutadiene	<0.20		0.20	0.063	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Hexachlorocyclopentadiene	<0.80		0.80	0.23	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Hexachloroethane	<0.20		0.20	0.061	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: VL-2(0-4)-063020

Lab Sample ID: 500-184283-19

Date Collected: 06/30/20 10:55

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 82.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.040		0.040	0.010	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Isophorone	<0.20		0.20	0.045	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Naphthalene	<0.040		0.040	0.0061	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Nitrobenzene	<0.040		0.040	0.0099	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
N-Nitrosodi-n-propylamine	<0.080	*	0.080	0.049	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
N-Nitrosodiphenylamine	<0.20	*	0.20	0.047	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Pentachlorophenol	<0.80		0.80	0.64	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Phenanthrene	<0.040		0.040	0.0056	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Phenol	<0.20		0.20	0.089	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Pyrene	0.0095	J	0.040	0.0079	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	67		31 - 143	07/08/20 07:25	07/09/20 08:11	1
2-Fluorobiphenyl	75		43 - 145	07/08/20 07:25	07/09/20 08:11	1
2-Fluorophenol	76		31 - 166	07/08/20 07:25	07/09/20 08:11	1
Nitrobenzene-d5	70		37 - 147	07/08/20 07:25	07/09/20 08:11	1
Phenol-d5	78		30 - 153	07/08/20 07:25	07/09/20 08:11	1
Terphenyl-d14	104		42 - 157	07/08/20 07:25	07/09/20 08:11	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/09/20 17:11	07/10/20 00:09	1
Barium	0.52	F1	0.50	0.050	mg/L		07/09/20 17:11	07/10/20 00:09	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/09/20 17:11	07/10/20 00:09	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 17:11	07/10/20 00:09	1
Chromium	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/10/20 00:09	1
Cobalt	0.013	J	0.025	0.010	mg/L		07/09/20 17:11	07/10/20 00:09	1
Copper	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/10/20 00:09	1
Iron	<0.40		0.40	0.20	mg/L		07/09/20 17:11	07/10/20 00:09	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/09/20 17:11	07/10/20 00:09	1
Manganese	4.9		0.025	0.010	mg/L		07/09/20 17:11	07/10/20 00:09	1
Nickel	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/10/20 00:09	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 17:11	07/10/20 00:09	1
Silver	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/10/20 00:09	1
Zinc	<0.50		0.50	0.020	mg/L		07/09/20 17:11	07/10/20 00:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.11		0.050	0.010	mg/L		07/09/20 17:10	07/10/20 01:13	1
Barium	0.69		0.50	0.050	mg/L		07/09/20 17:10	07/10/20 01:13	1
Beryllium	0.011		0.0040	0.0040	mg/L		07/09/20 17:10	07/10/20 01:13	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 17:10	07/10/20 01:13	1
Chromium	0.22		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 01:13	1
Cobalt	0.064		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 01:13	1
Copper	0.27		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 01:13	1
Iron	230		0.40	0.20	mg/L		07/09/20 17:10	07/10/20 01:13	1
Lead	0.13		0.0075	0.0075	mg/L		07/09/20 17:10	07/10/20 01:13	1
Manganese	0.85		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 01:13	1
Nickel	0.29		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 01:13	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 17:10	07/10/20 01:13	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: VL-2(0-4)-063020

Lab Sample ID: 500-184283-19

Date Collected: 06/30/20 10:55

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 82.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 01:13	1
Zinc	0.68		0.50	0.020	mg/L		07/09/20 17:10	07/10/20 01:13	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.4		1.2	0.23	mg/Kg	☼	07/07/20 17:08	07/08/20 10:21	1
Arsenic	9.4		0.58	0.20	mg/Kg	☼	07/07/20 17:08	07/08/20 10:21	1
Barium	51		0.58	0.067	mg/Kg	☼	07/07/20 17:08	07/08/20 10:21	1
Beryllium	0.99		0.23	0.055	mg/Kg	☼	07/07/20 17:08	07/08/20 10:21	1
Cadmium	0.12		0.12	0.021	mg/Kg	☼	07/07/20 17:08	07/08/20 10:21	1
Calcium	26000	B	12	2.0	mg/Kg	☼	07/07/20 17:08	07/08/20 10:21	1
Chromium	22		0.58	0.29	mg/Kg	☼	07/07/20 17:08	07/08/20 10:21	1
Cobalt	16		0.29	0.076	mg/Kg	☼	07/07/20 17:08	07/08/20 10:21	1
Copper	26		0.58	0.16	mg/Kg	☼	07/07/20 17:08	07/08/20 10:21	1
Iron	21000		12	6.1	mg/Kg	☼	07/07/20 17:08	07/08/20 10:21	1
Lead	21		0.29	0.13	mg/Kg	☼	07/07/20 17:08	07/08/20 10:21	1
Magnesium	17000		5.8	2.9	mg/Kg	☼	07/07/20 17:08	07/08/20 10:21	1
Manganese	370		0.58	0.085	mg/Kg	☼	07/07/20 17:08	07/08/20 10:21	1
Nickel	39		0.58	0.17	mg/Kg	☼	07/07/20 17:08	07/08/20 10:21	1
Potassium	3600		29	10	mg/Kg	☼	07/07/20 17:08	07/08/20 10:21	1
Selenium	<0.58		0.58	0.34	mg/Kg	☼	07/07/20 17:08	07/08/20 10:21	1
Silver	<0.29		0.29	0.075	mg/Kg	☼	07/07/20 17:08	07/08/20 10:21	1
Sodium	1800		58	8.6	mg/Kg	☼	07/07/20 17:08	07/08/20 10:21	1
Thallium	<0.58		0.58	0.29	mg/Kg	☼	07/07/20 17:08	07/08/20 10:21	1
Vanadium	29	B	0.29	0.069	mg/Kg	☼	07/07/20 17:08	07/08/20 10:21	1
Zinc	69	B	1.2	0.51	mg/Kg	☼	07/07/20 17:08	07/08/20 10:21	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/20 12:40	07/10/20 10:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0010		0.0010	0.0010	mg/L		07/09/20 12:40	07/10/20 11:44	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.019		0.019	0.0064	mg/Kg	☼	07/08/20 01:35	07/09/20 08:58	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	9.0		0.1	0.1	SU			07/02/20 13:44	1

Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

Metals

Qualifier	Qualifier Description
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F3	Duplicate RPD exceeds the control limit
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL.
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

Eurofins TestAmerica, Chicago

Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Glossary (Continued)

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

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Accreditation/Certification Summary

Client: Weston Solutions, Inc.
 Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Laboratory: Eurofins TestAmerica, Chicago

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

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	IL00035	04-30-20 *

Laboratory: Eurofins TestAmerica, Cedar Falls

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


Authority	Program	Identification Number	Expiration Date
AIHA-LAP, LLC	Industrial Hygiene Laboratory Accreditation Program (IHLAP)	101044	11-01-20
Colorado	Petroleum Storage Tank Program	IA100001 (OR)	09-29-20
Georgia	State	IA100001 (OR)	09-29-20
Illinois	NELAP	200024	11-29-20
Iowa	State	007	12-01-21
Kansas	NELAP	E-10341	01-31-21
Minnesota	NELAP	019-999-319	12-31-20
Minnesota (Petrofund)	State	3349	08-22-21
North Dakota	State	R-186	09-30-20
Oregon	NELAP	IA100001	09-29-20
USDA	US Federal Programs	P330-19-00003	01-02-22

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



Address: _____

Regulatory Program: DW NPDES RCRA Other:

Client Contact		Project Manager: <u>Andris Slesers</u>		Site Contact: <u>T. Oberman</u>		Date: <u>6/30/20</u>		COC No.:							
Company Name: <u>Weston</u>		Tel/Email:		Lab Contact: <u>D. Wright</u>		Carrier:		<u>1</u> of <u>3</u> COCs							
Address: <u>300 Plaza Cr</u>		Analysis Turnaround Time													
City/State/Zip: <u>Mundelein, IL 60060</u>		<input type="checkbox"/> CALENDAR DAYS		<input type="checkbox"/> WORKING DAYS		 500-184283 COC									
Phone: <u>224-864-7201</u>		TAT if different from Below													
Fax:		<input type="checkbox"/> 2 weeks		<u>standard</u>											
Project Name: <u>Lombard 012</u>		<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.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	VOCs	SVOCs	Total Metals	TC/PC/SP/PP Metals	PH	Sample Specific Notes:	
1	RP-4(0-4)-063020	6/30/20	0830	G	S	6		X	X	X	X	X			
2	RP-4(4-7)-063020		0840												
3	RP-3(0-4)-063020		0850												
4	RP-3(4-7)-063020		0855												
5	RP-2(0-4)-063020		0910												
6	RP-2(4-7)-063020		0915												
7	RP-1(0-4)-063020		0925												
8	RP-1(4-7)-063020		0930												
9	RP-4(0-4)-063020		0830												
10	GW-1(0-5)-063020		1000												
11	GW-1(5-10)-063020		1005												
12	GW-1(10-15)-063020		1010												
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other							Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)								
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.							<input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months								
<input checked="" type="checkbox"/> Non-Hazardous <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown															
Special Instructions/QC Requirements & Comments:															
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No			Custody Seal No.: <u>1300</u>			Cooler Temp. (°C): Obs'd: _____			Corr'd: <u>11.4, 11.0, 8.3</u>			Therm ID No.: _____			
Relinquished by: <u>Janet Gorman</u>		Company: <u>Weston</u>		Date/Time: <u>6/30/20 1300</u>		Received by: <u>P. Neal</u>		Company: <u>TA</u>		Date/Time: <u>6/30/20 1300</u>					
Relinquished by: <u>P. Neal</u>		Company: <u>TA</u>		Date/Time: <u>6/30/20 1410</u>		Received by: _____		Company: _____		Date/Time: _____					
Relinquished by: _____		Company: _____		Date/Time: _____		Received in Laboratory by: <u>Adam Smith</u>		Company: <u>TA-CHE</u>		Date/Time: <u>6/30/20 1410</u>					

Chain of Custody Record

458086



Environment Testing
TestAmerica

TAL-8210

Address: _____

Regulatory Program: DW NPDES RCRA Other:

Client Contact		Project Manager: Andris Siesers		Site Contact: T. Oberman		Date: 6/30/20		COC No:				
Company Name: Weston		Tel/Email:		Lab Contact: D. Wright		Carrier:		2 of 3 COCs				
Address: 300 Plaza Cr		Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		TAT if different from Below 2 weeks Standard 1 week 2 days 1 day		Filtered Sample (Y/N)		Perform MS/MSD (Y/N)				
City/State/Zip: Mundelein, IL 60060												
Phone: 824-864-7201								Sampler:				
Fax:								For Lab Use Only:				
Project Name:								Walk-in Client:				
Site:								Lab Sampling:				
PO#								Job / SDG No.:				
								500-184283				
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	VOCs	SVOCs	Total Metals	ICLIP/SPLP Metals	PH	Sample Specific Notes:
13	GW-1(10-15)-063020 D	6/30/20	1010	G	S	6						
14	GW-1(15-20)-063020		1015									
15	GW-1(20-25)-063020		1030									
16	GW-1(25-30)-063020		1035									
17	GW-1(30-35)-063020		1038									
18	GW-1(34-37)-063020		1041									
19	VL-2(0-4)-063020		1055									
20	VL-2(4-8)-063020		1100									
	VL-1(0-4)-063020		1125									
	VL-1(4-8)-063020		1130									
	R7-2(0-2)-063020		1140									
	R7-2(0-2)-063020 D		1140									
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other												
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.							Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)					
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown							<input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months					
Special Instructions/QC Requirements & Comments:												
11, 4, 11, 0, 8, 3												
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____		Corr'd: _____		Therm ID No.:				
Relinquished by: Taylor Clemens		Company: Weston		Date/Time: 6/30/20 1300		Received by: P. Neal		Company: TA		Date/Time: 6/30/20 1300		
Relinquished by: P. Neal		Company: TA		Date/Time: 6/30/20 1410		Received by:		Company:		Date/Time:		
Relinquished by:		Company:		Date/Time:		Received in Laboratory by: Shirley Smith		Company: TA-ART		Date/Time: 6/30/20 1410		

ANALYTICAL REPORT

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

Laboratory Job ID: 500-184284-1

Client Project/Site: IDOT - Lombard - WO 012

For:

Weston Solutions, Inc.
300 Plaza Circle, Suite 202
Mundelein, Illinois 60060

Attn: Mr. Andris Slesers



Authorized for release by:
7/10/2020 5:37:46 PM

Richard Wright, Senior Project Manager
(708)746-0045
Richard.Wright@Eurofinset.com

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

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

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184284-1

Client Sample ID: VL-1(0-4)-063020

Lab Sample ID: 500-184284-1

Date Collected: 06/30/20 11:25

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 81.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.0019		0.0019	0.00065	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00062	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00083	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
1,1-Dichloroethane	<0.0019		0.0019	0.00066	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
1,1-Dichloroethene	<0.0019		0.0019	0.00067	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
1,2-Dichloroethane	<0.0048		0.0048	0.0015	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
1,2-Dichloropropane	<0.0019		0.0019	0.00050	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00068	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
2-Hexanone	<0.0048		0.0048	0.0015	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Acetone	<0.019		0.019	0.0084	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Benzene	<0.0019		0.0019	0.00049	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Bromodichloromethane	<0.0019		0.0019	0.00039	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Bromoform	<0.0019		0.0019	0.00057	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Bromomethane	<0.0048		0.0048	0.0018	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Carbon disulfide	<0.0048		0.0048	0.0010	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Carbon tetrachloride	<0.0019		0.0019	0.00056	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Chlorobenzene	<0.0019		0.0019	0.00071	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Chloroethane	<0.0048		0.0048	0.0014	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Chloroform	<0.0019		0.0019	0.00067	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Chloromethane	<0.0048		0.0048	0.0019	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00054	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00058	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Dibromochloromethane	<0.0019		0.0019	0.00063	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Ethylbenzene	<0.0019		0.0019	0.00093	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Methyl Ethyl Ketone	<0.0048		0.0048	0.0021	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
methyl isobutyl ketone	<0.0048		0.0048	0.0014	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00057	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Methylene Chloride	<0.0048		0.0048	0.0019	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Styrene	<0.0019		0.0019	0.00058	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Tetrachloroethene	<0.0019		0.0019	0.00066	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Toluene	<0.0019		0.0019	0.00049	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00086	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00068	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Trichloroethene	<0.0019		0.0019	0.00065	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Vinyl chloride	<0.0019		0.0019	0.00086	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Xylenes, Total	<0.0039		0.0039	0.00062	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		70 - 134	06/30/20 17:51	07/02/20 14:24	1
4-Bromofluorobenzene (Surr)	114		75 - 131	06/30/20 17:51	07/02/20 14:24	1
Dibromofluoromethane	97		75 - 126	06/30/20 17:51	07/02/20 14:24	1
Toluene-d8 (Surr)	98		75 - 124	06/30/20 17:51	07/02/20 14:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20	F1 F2	0.20	0.042	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
1,2-Dichlorobenzene	<0.20	F1 F2	0.20	0.047	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
1,3-Dichlorobenzene	<0.20	F1 F2	0.20	0.044	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
1,4-Dichlorobenzene	<0.20	F1 F2	0.20	0.050	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
2,2'-oxybis[1-chloropropane]	<0.20	F1 F2	0.20	0.045	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184284-1

Client Sample ID: VL-1(0-4)-063020

Lab Sample ID: 500-184284-1

Date Collected: 06/30/20 11:25

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 81.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39	F1 F2	0.39	0.089	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
2,4,6-Trichlorophenol	<0.39	F1 F2	0.39	0.13	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
2,4-Dichlorophenol	<0.39		0.39	0.093	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
2,4-Dimethylphenol	<0.39	F1 * F2	0.39	0.15	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
2,4-Dinitrophenol	<0.79	F1	0.79	0.69	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
2,4-Dinitrotoluene	<0.20	F1 F2	0.20	0.062	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
2,6-Dinitrotoluene	<0.20	F1 F2	0.20	0.077	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
2-Chloronaphthalene	<0.20	F1 F2	0.20	0.043	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
2-Chlorophenol	<0.20	F1 F2	0.20	0.067	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
2-Methylnaphthalene	<0.079	F1 F2	0.079	0.0072	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
2-Methylphenol	<0.20	F1 F2	0.20	0.063	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
2-Nitroaniline	<0.20	F1 F2	0.20	0.053	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
2-Nitrophenol	<0.39	F1 F2	0.39	0.093	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
3 & 4 Methylphenol	<0.20	F1 F2	0.20	0.065	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
3-Nitroaniline	<0.39	F2	0.39	0.12	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.31	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
4-Bromophenyl phenyl ether	<0.20	F1 F2	0.20	0.052	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
4-Chloro-3-methylphenol	<0.39	F1 F2	0.39	0.13	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
4-Chloroaniline	<0.79	F1 F2	0.79	0.18	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
4-Chlorophenyl phenyl ether	<0.20	F1 F2	0.20	0.046	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
4-Nitroaniline	<0.39	F1 F2	0.39	0.16	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
4-Nitrophenol	<0.79	F2	0.79	0.37	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Acenaphthene	<0.039	F1 F2	0.039	0.0070	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Acenaphthylene	<0.039	F1 F2	0.039	0.0052	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Anthracene	<0.039	F1 F2	0.039	0.0065	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Benzo[a]anthracene	0.011	J	0.039	0.0053	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Benzo[a]pyrene	0.029	J	0.039	0.0076	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Benzo[b]fluoranthene	0.039		0.039	0.0085	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Benzo[g,h,i]perylene	0.013	J F1	0.039	0.013	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Benzo[k]fluoranthene	<0.039		0.039	0.012	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Bis(2-chloroethoxy)methane	<0.20	F1 F2	0.20	0.040	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Bis(2-chloroethyl)ether	<0.20	F1 F2	0.20	0.059	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Butyl benzyl phthalate	<0.20	*	0.20	0.075	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Carbazole	<0.20	F2	0.20	0.098	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Chrysene	0.017	J	0.039	0.011	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Dibenz(a,h)anthracene	0.029	J	0.039	0.0076	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Dibenzofuran	<0.20	F1 F2	0.20	0.046	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Diethyl phthalate	<0.20	F1 F2	0.20	0.066	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Dimethyl phthalate	<0.20	F1 F2	0.20	0.051	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Di-n-butyl phthalate	<0.20	F2	0.20	0.060	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Fluoranthene	0.015	J F2	0.039	0.0073	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Fluorene	<0.039	F1 F2	0.039	0.0055	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Hexachlorobenzene	<0.079	F1 F2	0.079	0.0091	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Hexachlorobutadiene	<0.20	F1 F2	0.20	0.062	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Hexachlorocyclopentadiene	<0.79	F1	0.79	0.23	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Hexachloroethane	<0.20	F1 F2	0.20	0.060	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184284-1

Client Sample ID: VL-1(0-4)-063020

Lab Sample ID: 500-184284-1

Date Collected: 06/30/20 11:25

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 81.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.031	J F1	0.039	0.010	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Isophorone	<0.20	F1 F2	0.20	0.044	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Naphthalene	<0.039	F1 F2	0.039	0.0060	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Nitrobenzene	<0.039	F1 F2	0.039	0.0098	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
N-Nitrosodi-n-propylamine	<0.079	F1 F2	0.079	0.048	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
N-Nitrosodiphenylamine	<0.20	F1 * F2	0.20	0.046	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Pentachlorophenol	<0.79		0.79	0.63	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Phenanthrene	0.011	J F1 F2	0.039	0.0055	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Phenol	<0.20	F1 F2	0.20	0.087	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Pyrene	0.021	J	0.039	0.0078	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>2,4,6-Tribromophenol</i>	55		31 - 143				07/07/20 19:09	07/08/20 13:15	1
<i>2-Fluorobiphenyl</i>	90		43 - 145				07/07/20 19:09	07/08/20 13:15	1
<i>2-Fluorophenol</i>	92		31 - 166				07/07/20 19:09	07/08/20 13:15	1
<i>Nitrobenzene-d5</i>	82		37 - 147				07/07/20 19:09	07/08/20 13:15	1
<i>Phenol-d5</i>	91		30 - 153				07/07/20 19:09	07/08/20 13:15	1
<i>Terphenyl-d14</i>	104		42 - 157				07/07/20 19:09	07/08/20 13:15	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/09/20 06:18	07/09/20 21:28	1
Barium	0.35	J	0.50	0.050	mg/L		07/09/20 06:18	07/09/20 21:28	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/09/20 06:18	07/09/20 21:28	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 06:18	07/09/20 21:28	1
Chromium	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:28	1
Cobalt	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:28	1
Copper	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:28	1
Iron	<0.40		0.40	0.20	mg/L		07/09/20 06:18	07/09/20 21:28	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/09/20 06:18	07/09/20 21:28	1
Manganese	0.25		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:28	1
Nickel	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:28	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 06:18	07/09/20 21:28	1
Silver	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:28	1
Zinc	0.068	J	0.50	0.020	mg/L		07/09/20 06:18	07/09/20 21:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.12		0.050	0.010	mg/L		07/09/20 06:15	07/09/20 22:19	1
Barium	0.66		0.50	0.050	mg/L		07/09/20 06:15	07/09/20 22:19	1
Beryllium	0.012		0.0040	0.0040	mg/L		07/09/20 06:15	07/09/20 22:19	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 06:15	07/09/20 22:19	1
Chromium	0.23		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:19	1
Cobalt	0.073		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:19	1
Copper	0.30		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:19	1
Iron	250		0.40	0.20	mg/L		07/09/20 06:15	07/09/20 22:19	1
Lead	0.13		0.0075	0.0075	mg/L		07/09/20 06:15	07/09/20 22:19	1
Manganese	1.1		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:19	1
Nickel	0.31		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:19	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 06:15	07/09/20 22:19	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184284-1

Client Sample ID: VL-1(0-4)-063020

Lab Sample ID: 500-184284-1

Date Collected: 06/30/20 11:25

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 81.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:19	1
Zinc	0.68		0.50	0.020	mg/L		07/09/20 06:15	07/09/20 22:19	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.4		1.2	0.23	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Arsenic	9.4		0.60	0.20	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Barium	46		0.60	0.068	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Beryllium	0.86		0.24	0.056	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Cadmium	0.13		0.12	0.022	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Calcium	29000		12	2.0	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Chromium	19		0.60	0.30	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Cobalt	16		0.30	0.078	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Copper	26		0.60	0.17	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Iron	22000		12	6.2	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Lead	21		0.30	0.14	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Magnesium	18000		6.0	3.0	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Manganese	340		0.60	0.087	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Nickel	39		0.60	0.17	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Potassium	2900		30	11	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Selenium	<0.60		0.60	0.35	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Silver	<0.30		0.30	0.077	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Sodium	2300		60	8.9	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Thallium	<0.60		0.60	0.30	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Vanadium	22		0.30	0.071	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Zinc	71		1.2	0.53	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/20 09:10	07/10/20 08:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0010		0.0010	0.0010	mg/L		07/09/20 09:10	07/10/20 08:06	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.025		0.020	0.0066	mg/Kg	☼	07/08/20 13:35	07/09/20 10:09	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.5		0.1	0.1	SU			07/02/20 13:51	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184284-1

Client Sample ID: R7-2(0-2)-063020

Lab Sample ID: 500-184284-3

Date Collected: 06/30/20 11:40

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 84.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.0021		0.0021	0.00070	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
1,1,2,2-Tetrachloroethane	<0.0021		0.0021	0.00066	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
1,1,2-Trichloroethane	<0.0021		0.0021	0.00089	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
1,1-Dichloroethane	<0.0021		0.0021	0.00071	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
1,1-Dichloroethene	<0.0021		0.0021	0.00071	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
1,2-Dichloroethane	<0.0052		0.0052	0.0016	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
1,2-Dichloropropane	<0.0021		0.0021	0.00054	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
1,3-Dichloropropene, Total	<0.0021		0.0021	0.00073	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
2-Hexanone	<0.0052		0.0052	0.0016	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
Acetone	<0.021		0.021	0.0090	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
Benzene	<0.0021		0.0021	0.00053	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
Bromodichloromethane	<0.0021		0.0021	0.00042	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
Bromoform	<0.0021		0.0021	0.00061	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
Bromomethane	<0.0052		0.0052	0.0020	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
Carbon disulfide	<0.0052		0.0052	0.0011	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
Carbon tetrachloride	<0.0021		0.0021	0.00060	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
Chlorobenzene	<0.0021		0.0021	0.00077	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
Chloroethane	<0.0052		0.0052	0.0015	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
Chloroform	<0.0021		0.0021	0.00072	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
Chloromethane	<0.0052		0.0052	0.0021	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
cis-1,2-Dichloroethene	<0.0021		0.0021	0.00058	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
cis-1,3-Dichloropropene	<0.0021		0.0021	0.00063	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
Dibromochloromethane	<0.0021		0.0021	0.00068	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
Ethylbenzene	<0.0021		0.0021	0.00099	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
Methyl Ethyl Ketone	<0.0052		0.0052	0.0023	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
methyl isobutyl ketone	<0.0052		0.0052	0.0015	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
Methyl tert-butyl ether	<0.0021		0.0021	0.00061	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
Methylene Chloride	0.0036	J	0.0052	0.0020	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
Styrene	<0.0021		0.0021	0.00063	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
Tetrachloroethene	<0.0021		0.0021	0.00071	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
Toluene	<0.0021		0.0021	0.00052	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
trans-1,2-Dichloroethene	<0.0021		0.0021	0.00092	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
trans-1,3-Dichloropropene	<0.0021		0.0021	0.00073	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
Trichloroethene	<0.0021		0.0021	0.00070	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
Vinyl chloride	<0.0021		0.0021	0.00092	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
Xylenes, Total	<0.0042		0.0042	0.00066	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		70 - 134	06/30/20 17:51	07/07/20 11:47	1
4-Bromofluorobenzene (Surr)	112		75 - 131	06/30/20 17:51	07/07/20 11:47	1
Dibromofluoromethane	96		75 - 126	06/30/20 17:51	07/07/20 11:47	1
Toluene-d8 (Surr)	102		75 - 124	06/30/20 17:51	07/07/20 11:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184284-1

Client Sample ID: R7-2(0-2)-063020

Lab Sample ID: 500-184284-3

Date Collected: 06/30/20 11:40

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 84.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.086	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
2,4-Dichlorophenol	<0.37		0.37	0.089	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
2,4-Dimethylphenol	<0.37	*	0.37	0.14	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
2,4-Dinitrophenol	<0.76		0.76	0.66	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
2,4-Dinitrotoluene	<0.19		0.19	0.060	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
2,6-Dinitrotoluene	<0.19		0.19	0.074	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
2-Chlorophenol	<0.19		0.19	0.064	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
2-Methylnaphthalene	<0.076		0.076	0.0069	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
2-Nitrophenol	<0.37		0.37	0.089	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
3 & 4 Methylphenol	<0.19		0.19	0.063	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.053	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.30	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
4-Chloroaniline	<0.76		0.76	0.18	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
4-Nitrophenol	<0.76		0.76	0.36	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Acenaphthene	<0.037		0.037	0.0068	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Acenaphthylene	0.0053	J	0.037	0.0050	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Anthracene	0.017	J	0.037	0.0063	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Benzo[a]anthracene	0.15		0.037	0.0051	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Benzo[a]pyrene	0.21		0.037	0.0073	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Benzo[b]fluoranthene	0.35		0.037	0.0081	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Benzo[g,h,i]perylene	0.086		0.037	0.012	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Benzo[k]fluoranthene	0.090		0.037	0.011	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.069	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Butyl benzyl phthalate	<0.19	*	0.19	0.072	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Carbazole	<0.19		0.19	0.094	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Chrysene	0.19		0.037	0.010	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Dibenz(a,h)anthracene	0.048		0.037	0.0073	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Diethyl phthalate	<0.19		0.19	0.064	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Fluoranthene	0.23		0.037	0.0070	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Fluorene	<0.037		0.037	0.0053	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Hexachlorobenzene	<0.076		0.076	0.0087	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Hexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Hexachlorocyclopentadiene	<0.76		0.76	0.22	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Hexachloroethane	<0.19		0.19	0.057	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1

Euofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184284-1

Client Sample ID: R7-2(0-2)-063020

Lab Sample ID: 500-184284-3

Date Collected: 06/30/20 11:40

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 84.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.095		0.037	0.0098	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Naphthalene	<0.037		0.037	0.0058	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Nitrobenzene	<0.037		0.037	0.0094	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.046	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
N-Nitrosodiphenylamine	<0.19 *		0.19	0.044	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Pentachlorophenol	<0.76		0.76	0.60	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Phenanthrene	0.088		0.037	0.0052	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Phenol	<0.19		0.19	0.084	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Pyrene	0.29		0.037	0.0075	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	45		31 - 143				07/07/20 19:09	07/08/20 15:54	1
2-Fluorobiphenyl	80		43 - 145				07/07/20 19:09	07/08/20 15:54	1
2-Fluorophenol	73		31 - 166				07/07/20 19:09	07/08/20 15:54	1
Nitrobenzene-d5	66		37 - 147				07/07/20 19:09	07/08/20 15:54	1
Phenol-d5	74		30 - 153				07/07/20 19:09	07/08/20 15:54	1
Terphenyl-d14	83		42 - 157				07/07/20 19:09	07/08/20 15:54	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/09/20 06:18	07/09/20 21:34	1
Barium	0.37	J	0.50	0.050	mg/L		07/09/20 06:18	07/09/20 21:34	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/09/20 06:18	07/09/20 21:34	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 06:18	07/09/20 21:34	1
Chromium	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:34	1
Cobalt	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:34	1
Copper	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:34	1
Iron	<0.40		0.40	0.20	mg/L		07/09/20 06:18	07/09/20 21:34	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/09/20 06:18	07/09/20 21:34	1
Manganese	0.56		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:34	1
Nickel	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:34	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 06:18	07/09/20 21:34	1
Silver	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:34	1
Zinc	0.078	J	0.50	0.020	mg/L		07/09/20 06:18	07/09/20 21:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.11		0.050	0.010	mg/L		07/09/20 06:15	07/09/20 22:26	1
Barium	0.63		0.50	0.050	mg/L		07/09/20 06:15	07/09/20 22:26	1
Beryllium	0.0099		0.0040	0.0040	mg/L		07/09/20 06:15	07/09/20 22:26	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 06:15	07/09/20 22:26	1
Chromium	0.20		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:26	1
Cobalt	0.062		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:26	1
Copper	0.27		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:26	1
Iron	220		0.40	0.20	mg/L		07/09/20 06:15	07/09/20 22:26	1
Lead	0.36		0.0075	0.0075	mg/L		07/09/20 06:15	07/09/20 22:26	1
Manganese	0.87		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:26	1
Nickel	0.28		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:26	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 06:15	07/09/20 22:26	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184284-1

Client Sample ID: R7-2(0-2)-063020

Lab Sample ID: 500-184284-3

Date Collected: 06/30/20 11:40

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 84.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:26	1
Zinc	0.71		0.50	0.020	mg/L		07/09/20 06:15	07/09/20 22:26	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.3		1.1	0.22	mg/Kg	☼	07/07/20 07:32	07/07/20 21:12	1
Arsenic	11		0.56	0.19	mg/Kg	☼	07/07/20 07:32	07/07/20 21:12	1
Barium	60		0.56	0.064	mg/Kg	☼	07/07/20 07:32	07/07/20 21:12	1
Beryllium	0.92		0.22	0.052	mg/Kg	☼	07/07/20 07:32	07/07/20 21:12	1
Cadmium	0.24		0.11	0.020	mg/Kg	☼	07/07/20 07:32	07/07/20 21:12	1
Calcium	20000		11	1.9	mg/Kg	☼	07/07/20 07:32	07/07/20 21:12	1
Chromium	22		0.56	0.28	mg/Kg	☼	07/07/20 07:32	07/07/20 21:12	1
Cobalt	15		0.28	0.073	mg/Kg	☼	07/07/20 07:32	07/07/20 21:12	1
Copper	33		0.56	0.16	mg/Kg	☼	07/07/20 07:32	07/07/20 21:12	1
Iron	24000		11	5.8	mg/Kg	☼	07/07/20 07:32	07/07/20 21:12	1
Lead	110		0.28	0.13	mg/Kg	☼	07/07/20 07:32	07/07/20 21:12	1
Magnesium	14000		5.6	2.8	mg/Kg	☼	07/07/20 07:32	07/07/20 21:12	1
Manganese	350		0.56	0.081	mg/Kg	☼	07/07/20 07:32	07/07/20 21:12	1
Nickel	40		0.56	0.16	mg/Kg	☼	07/07/20 07:32	07/07/20 21:12	1
Potassium	2400		28	9.9	mg/Kg	☼	07/07/20 07:32	07/07/20 21:12	1
Selenium	<0.56		0.56	0.33	mg/Kg	☼	07/07/20 07:32	07/07/20 21:12	1
Silver	<0.28		0.28	0.072	mg/Kg	☼	07/07/20 07:32	07/07/20 21:12	1
Sodium	1200		56	8.2	mg/Kg	☼	07/07/20 07:32	07/07/20 21:12	1
Thallium	0.31	J	0.56	0.28	mg/Kg	☼	07/07/20 07:32	07/07/20 21:12	1
Vanadium	23		0.28	0.066	mg/Kg	☼	07/07/20 07:32	07/07/20 21:12	1
Zinc	94		1.1	0.49	mg/Kg	☼	07/07/20 07:32	07/07/20 21:12	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/20 09:10	07/10/20 08:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0010		0.0010	0.0010	mg/L		07/09/20 09:10	07/10/20 08:09	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.022		0.019	0.0064	mg/Kg	☼	07/08/20 13:35	07/09/20 10:13	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	9.0		0.1	0.1	SU			07/02/20 13:55	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184284-1

Client Sample ID: R7-2(0-2)-063020D

Lab Sample ID: 500-184284-4

Date Collected: 06/30/20 11:40

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 84.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.0020		0.0020	0.00067	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00064	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00086	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
1,1-Dichloroethane	<0.0020		0.0020	0.00069	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
1,1-Dichloroethene	<0.0020		0.0020	0.00069	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
1,2-Dichloroethane	<0.0050		0.0050	0.0016	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00071	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
2-Hexanone	<0.0050		0.0050	0.0016	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
Acetone	<0.020		0.020	0.0088	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
Benzene	<0.0020		0.0020	0.00051	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
Bromodichloromethane	<0.0020		0.0020	0.00041	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
Bromoform	<0.0020		0.0020	0.00059	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
Bromomethane	<0.0050		0.0050	0.0019	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
Carbon disulfide	<0.0050		0.0050	0.0010	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
Carbon tetrachloride	<0.0020		0.0020	0.00058	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
Chlorobenzene	<0.0020		0.0020	0.00074	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
Chloroethane	<0.0050		0.0050	0.0015	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
Chloroform	<0.0020		0.0020	0.00070	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
Chloromethane	<0.0050		0.0050	0.0020	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00056	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00061	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
Dibromochloromethane	<0.0020		0.0020	0.00066	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
Ethylbenzene	<0.0020		0.0020	0.00096	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0022	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
methyl isobutyl ketone	<0.0050		0.0050	0.0015	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00059	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
Methylene Chloride	<0.0050		0.0050	0.0020	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
Styrene	<0.0020		0.0020	0.00061	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
Tetrachloroethene	<0.0020		0.0020	0.00068	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
Toluene	<0.0020		0.0020	0.00051	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00089	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00071	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
Trichloroethene	<0.0020		0.0020	0.00068	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
Vinyl chloride	<0.0020		0.0020	0.00089	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
Xylenes, Total	<0.0040		0.0040	0.00064	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		70 - 134	06/30/20 17:51	07/02/20 15:52	1
4-Bromofluorobenzene (Surr)	108		75 - 131	06/30/20 17:51	07/02/20 15:52	1
Dibromofluoromethane	103		75 - 126	06/30/20 17:51	07/02/20 15:52	1
Toluene-d8 (Surr)	97		75 - 124	06/30/20 17:51	07/02/20 15:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184284-1

Client Sample ID: R7-2(0-2)-063020D

Lab Sample ID: 500-184284-4

Date Collected: 06/30/20 11:40

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 84.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.086	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
2,4-Dichlorophenol	<0.37		0.37	0.089	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
2,4-Dimethylphenol	<0.37	*	0.37	0.14	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
2,4-Dinitrophenol	<0.76		0.76	0.66	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
2,4-Dinitrotoluene	<0.19		0.19	0.060	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
2,6-Dinitrotoluene	<0.19		0.19	0.074	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
2-Chlorophenol	<0.19		0.19	0.064	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
2-Methylnaphthalene	0.0078	J	0.076	0.0069	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
2-Nitrophenol	<0.37		0.37	0.089	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
3 & 4 Methylphenol	<0.19		0.19	0.063	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.053	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.30	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
4-Chloroaniline	<0.76		0.76	0.18	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
4-Nitrophenol	<0.76		0.76	0.36	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Acenaphthene	0.017	J	0.037	0.0068	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Acenaphthylene	0.011	J	0.037	0.0050	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Anthracene	0.065		0.037	0.0063	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Benzo[a]anthracene	0.37		0.037	0.0051	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Benzo[a]pyrene	0.44		0.037	0.0073	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Benzo[b]fluoranthene	0.73		0.037	0.0081	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Benzo[g,h,i]perylene	0.18		0.037	0.012	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Benzo[k]fluoranthene	0.26		0.037	0.011	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.069	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Butyl benzyl phthalate	<0.19	*	0.19	0.072	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Carbazole	<0.19		0.19	0.094	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Chrysene	0.46		0.037	0.010	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Dibenz(a,h)anthracene	0.074		0.037	0.0073	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Diethyl phthalate	<0.19		0.19	0.064	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Fluoranthene	0.57		0.037	0.0070	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Fluorene	0.018	J	0.037	0.0053	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Hexachlorobenzene	<0.076		0.076	0.0087	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Hexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Hexachlorocyclopentadiene	<0.76		0.76	0.22	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Hexachloroethane	<0.19		0.19	0.057	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1

Euofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184284-1

Client Sample ID: R7-2(0-2)-063020D

Lab Sample ID: 500-184284-4

Date Collected: 06/30/20 11:40

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 84.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.18		0.037	0.0098	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Naphthalene	<0.037		0.037	0.0058	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Nitrobenzene	<0.037		0.037	0.0094	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.046	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
N-Nitrosodiphenylamine	<0.19 *		0.19	0.044	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Pentachlorophenol	<0.76		0.76	0.60	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Phenanthrene	0.36		0.037	0.0052	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Phenol	<0.19		0.19	0.084	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Pyrene	1.1		0.037	0.0075	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	48		31 - 143				07/07/20 19:09	07/09/20 16:30	1
2-Fluorobiphenyl	89		43 - 145				07/07/20 19:09	07/09/20 16:30	1
2-Fluorophenol	80		31 - 166				07/07/20 19:09	07/09/20 16:30	1
Nitrobenzene-d5	68		37 - 147				07/07/20 19:09	07/09/20 16:30	1
Phenol-d5	82		30 - 153				07/07/20 19:09	07/09/20 16:30	1
Terphenyl-d14	140		42 - 157				07/07/20 19:09	07/09/20 16:30	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/09/20 06:18	07/09/20 21:37	1
Barium	0.35	J	0.50	0.050	mg/L		07/09/20 06:18	07/09/20 21:37	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/09/20 06:18	07/09/20 21:37	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 06:18	07/09/20 21:37	1
Chromium	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:37	1
Cobalt	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:37	1
Copper	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:37	1
Iron	<0.40		0.40	0.20	mg/L		07/09/20 06:18	07/09/20 21:37	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/09/20 06:18	07/09/20 21:37	1
Manganese	0.53		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:37	1
Nickel	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:37	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 06:18	07/09/20 21:37	1
Silver	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:37	1
Zinc	0.090	J	0.50	0.020	mg/L		07/09/20 06:18	07/09/20 21:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.11		0.050	0.010	mg/L		07/09/20 06:15	07/09/20 22:30	1
Barium	0.64		0.50	0.050	mg/L		07/09/20 06:15	07/09/20 22:30	1
Beryllium	0.011		0.0040	0.0040	mg/L		07/09/20 06:15	07/09/20 22:30	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 06:15	07/09/20 22:30	1
Chromium	0.21		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:30	1
Cobalt	0.062		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:30	1
Copper	0.29		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:30	1
Iron	230		0.40	0.20	mg/L		07/09/20 06:15	07/09/20 22:30	1
Lead	0.39		0.0075	0.0075	mg/L		07/09/20 06:15	07/09/20 22:30	1
Manganese	0.84		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:30	1
Nickel	0.28		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:30	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 06:15	07/09/20 22:30	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184284-1

Client Sample ID: R7-2(0-2)-063020D

Lab Sample ID: 500-184284-4

Date Collected: 06/30/20 11:40

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 84.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:30	1
Zinc	0.74		0.50	0.020	mg/L		07/09/20 06:15	07/09/20 22:30	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.2		1.2	0.23	mg/Kg	☼	07/07/20 07:32	07/07/20 21:16	1
Arsenic	9.3		0.59	0.20	mg/Kg	☼	07/07/20 07:32	07/07/20 21:16	1
Barium	58		0.59	0.068	mg/Kg	☼	07/07/20 07:32	07/07/20 21:16	1
Beryllium	0.92		0.24	0.055	mg/Kg	☼	07/07/20 07:32	07/07/20 21:16	1
Cadmium	0.29		0.12	0.021	mg/Kg	☼	07/07/20 07:32	07/07/20 21:16	1
Calcium	31000		12	2.0	mg/Kg	☼	07/07/20 07:32	07/07/20 21:16	1
Chromium	24		0.59	0.29	mg/Kg	☼	07/07/20 07:32	07/07/20 21:16	1
Cobalt	14		0.30	0.078	mg/Kg	☼	07/07/20 07:32	07/07/20 21:16	1
Copper	30		0.59	0.17	mg/Kg	☼	07/07/20 07:32	07/07/20 21:16	1
Iron	23000		12	6.2	mg/Kg	☼	07/07/20 07:32	07/07/20 21:16	1
Lead	130		0.30	0.14	mg/Kg	☼	07/07/20 07:32	07/07/20 21:16	1
Magnesium	19000		5.9	2.9	mg/Kg	☼	07/07/20 07:32	07/07/20 21:16	1
Manganese	370		0.59	0.086	mg/Kg	☼	07/07/20 07:32	07/07/20 21:16	1
Nickel	35		0.59	0.17	mg/Kg	☼	07/07/20 07:32	07/07/20 21:16	1
Potassium	2200		30	11	mg/Kg	☼	07/07/20 07:32	07/07/20 21:16	1
Selenium	<0.59		0.59	0.35	mg/Kg	☼	07/07/20 07:32	07/07/20 21:16	1
Silver	<0.30		0.30	0.077	mg/Kg	☼	07/07/20 07:32	07/07/20 21:16	1
Sodium	1300		59	8.8	mg/Kg	☼	07/07/20 07:32	07/07/20 21:16	1
Thallium	<0.59		0.59	0.30	mg/Kg	☼	07/07/20 07:32	07/07/20 21:16	1
Vanadium	22		0.30	0.070	mg/Kg	☼	07/07/20 07:32	07/07/20 21:16	1
Zinc	99		1.2	0.52	mg/Kg	☼	07/07/20 07:32	07/07/20 21:16	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/20 09:10	07/10/20 08:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0010		0.0010	0.0010	mg/L		07/09/20 09:10	07/10/20 08:11	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.022		0.018	0.0060	mg/Kg	☼	07/08/20 13:35	07/09/20 10:15	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	9.0		0.1	0.1	SU			07/02/20 13:56	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184284-1

Client Sample ID: R7-1(0-2)-063020

Lab Sample ID: 500-184284-5

Date Collected: 06/30/20 11:50

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 82.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.0020		0.0020	0.00068	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00065	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00087	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
1,1-Dichloroethane	<0.0020		0.0020	0.00069	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
1,1-Dichloroethene	<0.0020		0.0020	0.00070	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
1,2-Dichloroethane	<0.0051		0.0051	0.0016	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00071	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
2-Hexanone	<0.0051		0.0051	0.0016	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
Acetone	<0.020		0.020	0.0088	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
Benzene	<0.0020		0.0020	0.00052	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
Bromodichloromethane	<0.0020		0.0020	0.00041	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
Bromoform	<0.0020		0.0020	0.00059	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
Bromomethane	<0.0051		0.0051	0.0019	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
Carbon disulfide	<0.0051		0.0051	0.0011	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
Carbon tetrachloride	<0.0020		0.0020	0.00059	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
Chlorobenzene	<0.0020		0.0020	0.00075	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
Chloroethane	<0.0051		0.0051	0.0015	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
Chloroform	<0.0020		0.0020	0.00070	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
Chloromethane	<0.0051		0.0051	0.0020	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00057	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00061	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
Dibromochloromethane	<0.0020		0.0020	0.00066	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
Ethylbenzene	<0.0020		0.0020	0.00097	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
Methyl Ethyl Ketone	<0.0051		0.0051	0.0022	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
methyl isobutyl ketone	<0.0051		0.0051	0.0015	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00059	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
Methylene Chloride	0.0032	J	0.0051	0.0020	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
Styrene	<0.0020		0.0020	0.00061	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
Tetrachloroethene	<0.0020		0.0020	0.00069	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
Toluene	<0.0020		0.0020	0.00051	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00090	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00071	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
Trichloroethene	<0.0020		0.0020	0.00068	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
Vinyl chloride	<0.0020		0.0020	0.00090	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
Xylenes, Total	<0.0040		0.0040	0.00065	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		70 - 134	06/30/20 17:51	07/02/20 16:18	1
4-Bromofluorobenzene (Surr)	111		75 - 131	06/30/20 17:51	07/02/20 16:18	1
Dibromofluoromethane	98		75 - 126	06/30/20 17:51	07/02/20 16:18	1
Toluene-d8 (Surr)	98		75 - 124	06/30/20 17:51	07/02/20 16:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.042	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
1,4-Dichlorobenzene	<0.20		0.20	0.050	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.045	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184284-1

Client Sample ID: R7-1(0-2)-063020

Lab Sample ID: 500-184284-5

Date Collected: 06/30/20 11:50

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 82.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.090	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
2,4,6-Trichlorophenol	<0.39		0.39	0.13	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
2,4-Dichlorophenol	<0.39		0.39	0.093	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
2,4-Dimethylphenol	<0.39	*	0.39	0.15	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
2,4-Dinitrophenol	<0.79		0.79	0.69	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
2,4-Dinitrotoluene	<0.20		0.20	0.062	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
2,6-Dinitrotoluene	<0.20		0.20	0.077	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
2-Chloronaphthalene	<0.20		0.20	0.043	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
2-Chlorophenol	<0.20		0.20	0.067	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
2-Methylnaphthalene	<0.079		0.079	0.0072	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
2-Nitrophenol	<0.39		0.39	0.093	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
3 & 4 Methylphenol	<0.20		0.20	0.065	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.32	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
4-Chloroaniline	<0.79		0.79	0.18	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
4-Nitroaniline	<0.39		0.39	0.16	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
4-Nitrophenol	<0.79		0.79	0.37	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Acenaphthene	<0.039		0.039	0.0071	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Anthracene	<0.039		0.039	0.0066	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Benzo[a]anthracene	0.0069	J	0.039	0.0053	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Benzo[a]pyrene	0.025	J	0.039	0.0076	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Benzo[b]fluoranthene	0.033	J	0.039	0.0085	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Benzo[g,h,i]perylene	<0.039		0.039	0.013	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Benzo[k]fluoranthene	<0.039		0.039	0.012	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Butyl benzyl phthalate	<0.20	*	0.20	0.075	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Carbazole	<0.20		0.20	0.098	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Chrysene	0.013	J	0.039	0.011	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Dibenz(a,h)anthracene	0.027	J	0.039	0.0076	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Diethyl phthalate	<0.20		0.20	0.067	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Dimethyl phthalate	<0.20		0.20	0.051	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Fluoranthene	0.0096	J	0.039	0.0073	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Fluorene	<0.039		0.039	0.0055	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Hexachlorobenzene	<0.079		0.079	0.0091	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Hexachlorocyclopentadiene	<0.79		0.79	0.23	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Hexachloroethane	<0.20		0.20	0.060	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184284-1

Client Sample ID: R7-1(0-2)-063020

Lab Sample ID: 500-184284-5

Date Collected: 06/30/20 11:50

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 82.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.028	J	0.039	0.010	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Naphthalene	<0.039		0.039	0.0060	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Nitrobenzene	<0.039		0.039	0.0098	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.048	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
N-Nitrosodiphenylamine	<0.20	*	0.20	0.046	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Pentachlorophenol	<0.79		0.79	0.63	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Phenanthrene	<0.039		0.039	0.0055	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Phenol	<0.20		0.20	0.087	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Pyrene	0.012	J	0.039	0.0078	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	48		31 - 143				07/07/20 19:09	07/08/20 14:08	1
2-Fluorobiphenyl	85		43 - 145				07/07/20 19:09	07/08/20 14:08	1
2-Fluorophenol	83		31 - 166				07/07/20 19:09	07/08/20 14:08	1
Nitrobenzene-d5	70		37 - 147				07/07/20 19:09	07/08/20 14:08	1
Phenol-d5	85		30 - 153				07/07/20 19:09	07/08/20 14:08	1
Terphenyl-d14	98		42 - 157				07/07/20 19:09	07/08/20 14:08	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/09/20 06:18	07/09/20 21:40	1
Barium	0.34	J	0.50	0.050	mg/L		07/09/20 06:18	07/09/20 21:40	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/09/20 06:18	07/09/20 21:40	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 06:18	07/09/20 21:40	1
Chromium	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:40	1
Cobalt	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:40	1
Copper	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:40	1
Iron	<0.40		0.40	0.20	mg/L		07/09/20 06:18	07/09/20 21:40	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/09/20 06:18	07/09/20 21:40	1
Manganese	1.1	F1	0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:40	1
Nickel	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:40	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 06:18	07/09/20 21:40	1
Silver	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:40	1
Zinc	0.081	J	0.50	0.020	mg/L		07/09/20 06:18	07/09/20 21:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.13		0.050	0.010	mg/L		07/09/20 06:15	07/09/20 22:34	1
Barium	0.66		0.50	0.050	mg/L		07/09/20 06:15	07/09/20 22:34	1
Beryllium	0.011		0.0040	0.0040	mg/L		07/09/20 06:15	07/09/20 22:34	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 06:15	07/09/20 22:34	1
Chromium	0.21		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:34	1
Cobalt	0.086		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:34	1
Copper	0.31		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:34	1
Iron	250		0.40	0.20	mg/L		07/09/20 06:15	07/09/20 22:34	1
Lead	0.14		0.0075	0.0075	mg/L		07/09/20 06:15	07/09/20 22:34	1
Manganese	1.3		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:34	1
Nickel	0.33		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:34	1
Selenium	<0.050	F1	0.050	0.020	mg/L		07/09/20 06:15	07/09/20 22:34	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184284-1

Client Sample ID: R7-1(0-2)-063020

Lab Sample ID: 500-184284-5

Date Collected: 06/30/20 11:50

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 82.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:34	1
Zinc	0.69		0.50	0.020	mg/L		07/09/20 06:15	07/09/20 22:34	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.4		1.2	0.23	mg/Kg	☼	07/07/20 07:32	07/07/20 21:20	1
Arsenic	9.7		0.60	0.21	mg/Kg	☼	07/07/20 07:32	07/07/20 21:20	1
Barium	55		0.60	0.069	mg/Kg	☼	07/07/20 07:32	07/07/20 21:20	1
Beryllium	0.81		0.24	0.056	mg/Kg	☼	07/07/20 07:32	07/07/20 21:20	1
Cadmium	0.10	J	0.12	0.022	mg/Kg	☼	07/07/20 07:32	07/07/20 21:20	1
Calcium	48000		120	20	mg/Kg	☼	07/07/20 07:32	07/08/20 10:01	10
Chromium	18		0.60	0.30	mg/Kg	☼	07/07/20 07:32	07/07/20 21:20	1
Cobalt	17		0.30	0.079	mg/Kg	☼	07/07/20 07:32	07/07/20 21:20	1
Copper	27		0.60	0.17	mg/Kg	☼	07/07/20 07:32	07/07/20 21:20	1
Iron	21000		12	6.3	mg/Kg	☼	07/07/20 07:32	07/07/20 21:20	1
Lead	18		0.30	0.14	mg/Kg	☼	07/07/20 07:32	07/07/20 21:20	1
Magnesium	22000		6.0	3.0	mg/Kg	☼	07/07/20 07:32	07/07/20 21:20	1
Manganese	400		0.60	0.087	mg/Kg	☼	07/07/20 07:32	07/07/20 21:20	1
Nickel	38		0.60	0.18	mg/Kg	☼	07/07/20 07:32	07/07/20 21:20	1
Potassium	3300		30	11	mg/Kg	☼	07/07/20 07:32	07/07/20 21:20	1
Selenium	<0.60		0.60	0.35	mg/Kg	☼	07/07/20 07:32	07/07/20 21:20	1
Silver	<0.30		0.30	0.078	mg/Kg	☼	07/07/20 07:32	07/07/20 21:20	1
Sodium	2700		60	8.9	mg/Kg	☼	07/07/20 07:32	07/07/20 21:20	1
Thallium	<0.60		0.60	0.30	mg/Kg	☼	07/07/20 07:32	07/07/20 21:20	1
Vanadium	22		0.30	0.071	mg/Kg	☼	07/07/20 07:32	07/07/20 21:20	1
Zinc	67		1.2	0.53	mg/Kg	☼	07/07/20 07:32	07/07/20 21:20	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/20 09:10	07/10/20 08:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0010		0.0010	0.0010	mg/L		07/09/20 09:10	07/10/20 08:12	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	J	0.019	0.0064	mg/Kg	☼	07/08/20 13:35	07/09/20 10:17	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.5		0.1	0.1	SU			07/02/20 13:57	1

Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184284-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

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

Glossary

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

Accreditation/Certification Summary

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184284-1

Laboratory: Eurofins TestAmerica, Chicago

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

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	IL00035	04-30-20 *

Laboratory: Eurofins TestAmerica, Cedar Falls

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

Authority	Program	Identification Number	Expiration Date
AIHA-LAP, LLC	Industrial Hygiene Laboratory Accreditation Program (IHLAP)	101044	11-01-20
Colorado	Petroleum Storage Tank Program	IA100001 (OR)	09-29-20
Georgia	State	IA100001 (OR)	09-29-20
Illinois	NELAP	200024	11-29-20
Iowa	State	007	12-01-21
Kansas	NELAP	E-10341	01-31-21
Minnesota	NELAP	019-999-319	12-31-20
Minnesota (Petrofund)	State	3349	08-22-21
North Dakota	State	R-186	09-30-20
Oregon	NELAP	IA100001	09-29-20
USDA	US Federal Programs	P330-19-00003	01-02-22

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

Chain of Custody Record

458986



Environment Testing
TestAmerica

Address: _____

Regulatory Program: DW NPDES RCRA Other:

TAL-8210

Client Contact		Project Manager: Andrius Slesers		Site Contact: T. Oberman		Date: 6/30/20		COC No:	
Company Name: <u>Weston</u>		Tel/Email:		Lab Contact: <u>D. Wright</u>		Carrier:		2 of 3 COCs	
Address: <u>300 Plaza Cr</u>		Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below <input type="checkbox"/> 2 weeks <u>Standard</u> <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day							
City/State/Zip: <u>Mundelein, IL 60060</u>									
Phone: <u>847-964-7201</u>		Project Name:		Sample Date:		Sample Time:		Sample Type (C=Comp. G=Grab)	
Fax:		Site:		Matrix:		# of Cont.		Filtered Sample (Y/N)	
PO#		500-184284 COC		Sample Date		Sample Time		Sample Type	
QR Code		Sample Identification		Sample Date		Sample Time		Sample Type	
		GW-1(10-15)-063020 D		4/30/20		1010		G	
		GW-1(15-20)-063020		↓		1015		↓	
		GW-1(20-25)-063020		↓		1030		↓	
		GW-1(25-30)-063020		↓		1035		↓	
		GW-1(30-33)-063020		↓		1038		↓	
		GW-1(34-37)-063020		↓		1041		↓	
		VL-2(0-4)-063020		↓		1055		↓	
		VL-2(4-8)-063020		↓		1100		↓	
		VL-1(0-4)-063020		↓		1125		↓	
		VL-1(4-8)-063020		↓		1130		↓	
		R7-2(0-2)-063020		↓		1140		↓	
		R7-2(0-2)-063020 D		↓		1140		↓	
		Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other							
		Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.							
		<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown							
		Special Instructions/QC Requirements & Comments:							
		Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temp. (°C): Obs'd: <u>11.4</u> Cor'd: <u>11.0</u>		Therm ID No.:	
Relinquished by: <u>Jaylen Blum</u>		Company: <u>Weston</u>		Date/Time: <u>6/30/20</u>		Received by: <u>P. Vard</u>		Company: <u>TA</u>	
Relinquished by: <u>P. Neal</u>		Company: <u>TA</u>		Date/Time: <u>6/30/20</u>		Received by:		Company:	
Relinquished by:		Company:		Date/Time:		Received in Laboratory by: <u>John Smith</u>		Company: <u>TA/CHT</u>	



Illinois Environmental Protection Agency

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

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

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

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

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

I. Source Location Information

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

Project Name: FAP 870: N Columbine Ave Office Phone Number, if available: _____

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

100 Block of N Columbine Ave (ISGS Site No. 3911-5)

City: Lombard State: IL Zip Code: _____

County: DuPage Township: _____

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

Latitude: 41.89166 Longitude: -88.03297

(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: _____

Contact: Irma Romiti-Johnson

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

Site Operator

Name: Illinois Department of Transportation

Street Address: 201 W. Center Court

PO Box: _____

City: Schaumburg State: IL

Zip Code: 60196 Phone: _____

Contact: Irma Romiti-Johnson

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

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

Uncontaminated Soil Certification

III. Basis for Certification and Attachments

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

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

LOCATIONS VL-1, VL-2, AND GW-1 WERE SAMPLED ADJACENT TO ISGS SITE No. 3911-5. SEE FIGURE 3-1 AND TABLE 4-1 OF THE FINAL PRELIMINARY SITE INVESTIGATION REPORT FOR SAMPLING DETAILS.

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

TESTAMERICA ANALYTICAL REPORT - JOB IDs: 500-184283-1 and 500-184284-1.
ALSO SEE FIGURE 4-1 OF THE FINAL PRELIMINARY SITE INVESTIGATION REPORT.

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

I, Margaret Doheny-Skubic, 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))

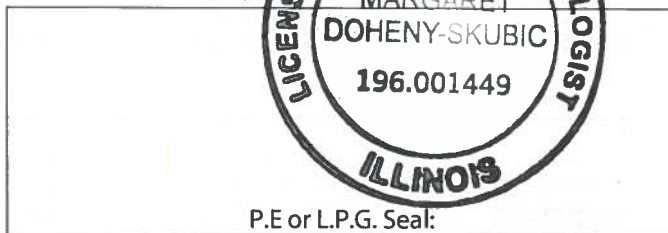
Company Name: Weston Solutions, Inc.
Street Address: 300 Plaza Circle; Suite 202
City: Mundelein State: IL Zip Code: 60060
Phone: (224) 864-7200

Margaret Doheny-Skubic, P.G.
Printed Name:



Licensed Professional Engineer or
Licensed Professional Geologist Signature:

12/21/2020
Date:



Summary Table of ISGS Site No. 3911-005
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
Illinois Department of Transportation
FAP 870: IL Route 53 From Woodland Avenue to Meadow Avenue
Lombard, DuPage County, Illinois

Location	GW-1	VL-1	VL-2	Soil Reference Concentrations ^A
Sample Date	6/30/2020	6/30/2020	6/30/2020	
Field Sample ID	GW-1(0-5)-063020	VL-1(0-4)-063020	VL-2(0-4)-063020	
Lab Sample ID	500-184283-10	500-184284-1	500-184283-19	
ISGS Site Number	3911-004	3911-005	3911-005	
Parameters				
Laboratory pH	9.0	8.5	9.0	<6.25; >9.0
VOCs				
Methylene chloride	0.0054	ND	ND	0.02
SVOCs				
Benzo(a)anthracene	0.012 J	0.011 J	0.0074 J	0.9 / 1.1 / 1.8
Benzo(a)pyrene	0.015 J	0.029 J	ND	0.09 / 1.3 / 2.1
Benzo(b)fluoranthene	0.019 J	0.039	0.009 J	0.9 / 1.5 / 2.1
Benzo(g,h,i)perylene	0.015 J	0.013 J	ND	---
Chrysene	0.014 J	0.017 J	ND	88.00001
Dibenzo(a,h)anthracene	ND	0.029 J	ND	0.09 / 0.2 / 0.42
Fluoranthene	0.02 J	0.015 J	0.0091 J	3100
Indeno(1,2,3-cd)pyrene	0.011 J	0.031 J	ND	0.9 / 0.9 / 1.6
Phenanthrene	0.0098 J	0.011 J	ND	---
Pyrene	0.021 J	0.021 J	0.0095 J	2300
Total Metals (mg/kg)				
Antimony, Total	1.2	1.4	1.4	5
Arsenic, Total	10	9.4	9.4	11.3 / 13.0
Barium, Total	62	46	51	1500
Beryllium, Total	0.94	0.86	0.99	22
Cadmium, Total	0.12	0.13	0.12	5.2
Calcium, Total	25000 B	29000	26000 B	---
Chromium, Total	21	19	22	21
Cobalt, Total	15	16	16	20
Copper, Total	29	26	26	2900
Iron, Total	22000	22000	21000	15000 / 15900
Lead, Total	27	21	21	107
Magnesium, Total	16000	18000	17000	325000
Manganese, Total	360	340	370	630 / 636
Mercury, Total	0.022	0.025	0.019	0.89
Nickel, Total	39	39	39	100
Potassium, Total	3100	2900	3600	---
Selenium, Total	ND	ND	ND	1.3
Sodium, Total	1700	2300	1800	---
Vanadium, Total	26 B	22	29 B	550
Zinc, Total	73 B	71	69 B	5100
TCLP Metals (mg/kg)				
Arsenic, TCLP	ND	ND	ND	0.05
Barium, TCLP	0.51	0.35 J	0.52 J	2
Beryllium, TCLP	ND	ND	ND	0.004
Cadmium, TCLP	ND	ND	ND	0.005
Chromium, TCLP	ND	ND	ND	0.1
Cobalt, TCLP	ND	ND	0.013 J	1
Copper, TCLP	ND	ND	ND	0.65
Iron, TCLP	ND	ND	ND	5
Lead, TCLP	ND	ND	ND	0.0075
Manganese, TCLP	0.46	0.25	4.9	0.15
Mercury, TCLP	ND	ND	ND	0.002
Nickel, TCLP	ND	ND	ND	0.1
Selenium, TCLP	ND	ND	ND	0.05
Zinc, TCLP	0.083 J	0.068 J	ND	5
SPLP Metals (mg/kg)				
Arsenic, SPLP	0.13	0.12	0.11	0.05
Barium, SPLP	0.8	0.66	0.69	2
Beryllium, SPLP	0.012	0.012	0.011	0.004
Cadmium, SPLP	ND	ND	ND	0.005
Chromium, SPLP	0.24	0.23	0.22	0.1
Cobalt, SPLP	0.08	0.073	0.064	1
Copper, SPLP	0.31	0.3	0.27	0.65
Iron, SPLP	270	250	230	5
Lead, SPLP	0.18	0.13	0.13	0.0075
Manganese, SPLP	1.1	1.1	0.85	0.15
Mercury, SPLP	ND	ND	ND	0.002
Nickel, SPLP	0.34	0.31	0.29	0.1
Selenium, SPLP	ND	ND	ND	0.05
Zinc, SPLP	0.79	0.68	0.68	5

Notes:

--- - not applicable or value not available.

^A - Soil reference concentrations from MAC Table. Background values for Chicago corporate limits and MSA counties are included, as applicable.

J - Estimated concentration.

ND - Constituent not detected above the reporting limit.

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

ANALYTICAL REPORT

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

Laboratory Job ID: 500-184283-1

Client Project/Site: IDOT - Lombard - WO 012

For:

Weston Solutions, Inc.
300 Plaza Circle, Suite 202
Mundelein, Illinois 60060

Attn: Mr. Andris Slesers



Authorized for release by:
7/10/2020 5:30:13 PM

Richard Wright, Senior Project Manager
(708)746-0045
Richard.Wright@Eurofinset.com

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

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

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

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: GW-1(0-5)-063020

Lab Sample ID: 500-184283-10

Date Collected: 06/30/20 10:00

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 81.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.0022		0.0022	0.00072	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
1,1,2,2-Tetrachloroethane	<0.0022		0.0022	0.00069	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
1,1,2-Trichloroethane	<0.0022		0.0022	0.00092	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
1,1-Dichloroethane	<0.0022		0.0022	0.00074	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
1,1-Dichloroethene	<0.0022		0.0022	0.00074	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
1,2-Dichloroethane	<0.0054		0.0054	0.0017	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
1,2-Dichloropropane	<0.0022		0.0022	0.00056	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
1,3-Dichloropropene, Total	<0.0022		0.0022	0.00076	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
2-Hexanone	<0.0054		0.0054	0.0017	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Acetone	<0.022		0.022	0.0094	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Benzene	<0.0022		0.0022	0.00055	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Bromodichloromethane	<0.0022		0.0022	0.00044	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Bromoform	<0.0022		0.0022	0.00063	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Bromomethane	<0.0054 *		0.0054	0.0020	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Carbon disulfide	<0.0054		0.0054	0.0011	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Carbon tetrachloride	<0.0022		0.0022	0.00062	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Chlorobenzene	<0.0022		0.0022	0.00079	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Chloroethane	<0.0054 *		0.0054	0.0016	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Chloroform	<0.0022		0.0022	0.00075	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Chloromethane	<0.0054		0.0054	0.0022	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
cis-1,2-Dichloroethene	<0.0022		0.0022	0.00060	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
cis-1,3-Dichloropropene	<0.0022		0.0022	0.00065	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Dibromochloromethane	<0.0022		0.0022	0.00070	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Ethylbenzene	<0.0022		0.0022	0.0010	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Methyl Ethyl Ketone	<0.0054		0.0054	0.0024	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
methyl isobutyl ketone	<0.0054		0.0054	0.0016	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Methyl tert-butyl ether	<0.0022		0.0022	0.00063	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Methylene Chloride	0.0054		0.0054	0.0021	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Styrene	<0.0022		0.0022	0.00065	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Tetrachloroethene	<0.0022		0.0022	0.00073	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Toluene	<0.0022		0.0022	0.00054	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
trans-1,2-Dichloroethene	<0.0022		0.0022	0.00095	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
trans-1,3-Dichloropropene	<0.0022		0.0022	0.00076	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Trichloroethene	<0.0022		0.0022	0.00073	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Vinyl chloride	<0.0022		0.0022	0.00095	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Xylenes, Total	<0.0043		0.0043	0.00069	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	82		70 - 134	06/30/20 17:51	07/02/20 14:52	1
4-Bromofluorobenzene (Surr)	97		75 - 131	06/30/20 17:51	07/02/20 14:52	1
Dibromofluoromethane	96		75 - 126	06/30/20 17:51	07/02/20 14:52	1
Toluene-d8 (Surr)	89		75 - 124	06/30/20 17:51	07/02/20 14:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
1,2-Dichlorobenzene	<0.20		0.20	0.048	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
1,3-Dichlorobenzene	<0.20		0.20	0.046	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
1,4-Dichlorobenzene	<0.20		0.20	0.052	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.047	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: GW-1(0-5)-063020

Lab Sample ID: 500-184283-10

Date Collected: 06/30/20 10:00

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 81.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.40		0.40	0.093	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
2,4,6-Trichlorophenol	<0.40		0.40	0.14	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
2,4-Dichlorophenol	<0.40		0.40	0.096	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
2,4-Dimethylphenol	<0.40		0.40	0.15	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
2,4-Dinitrophenol	<0.82		0.82	0.71	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
2,4-Dinitrotoluene	<0.20		0.20	0.064	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
2,6-Dinitrotoluene	<0.20		0.20	0.080	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
2-Chloronaphthalene	<0.20		0.20	0.045	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
2-Chlorophenol	<0.20		0.20	0.069	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
2-Methylnaphthalene	<0.082		0.082	0.0075	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
2-Methylphenol	<0.20		0.20	0.065	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
2-Nitroaniline	<0.20		0.20	0.055	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
2-Nitrophenol	<0.40		0.40	0.096	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
3 & 4 Methylphenol	<0.20		0.20	0.068	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.057	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
3-Nitroaniline	<0.40		0.40	0.13	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
4,6-Dinitro-2-methylphenol	<0.82		0.82	0.33	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.053	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
4-Chloro-3-methylphenol	<0.40		0.40	0.14	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
4-Chloroaniline	<0.82		0.82	0.19	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.047	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
4-Nitroaniline	<0.40		0.40	0.17	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
4-Nitrophenol	<0.82		0.82	0.39	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Acenaphthene	<0.040		0.040	0.0073	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Acenaphthylene	<0.040		0.040	0.0053	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Anthracene	<0.040		0.040	0.0068	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Benzo[a]anthracene	0.012	J	0.040	0.0055	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Benzo[a]pyrene	0.015	J	0.040	0.0078	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Benzo[b]fluoranthene	0.019	J	0.040	0.0088	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Benzo[g,h,i]perylene	0.015	J	0.040	0.013	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Benzo[k]fluoranthene	<0.040		0.040	0.012	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.041	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.061	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.074	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Butyl benzyl phthalate	<0.20		0.20	0.077	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Carbazole	<0.20		0.20	0.10	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Chrysene	0.014	J	0.040	0.011	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Dibenz(a,h)anthracene	<0.040		0.040	0.0078	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Dibenzofuran	<0.20		0.20	0.047	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Diethyl phthalate	<0.20		0.20	0.069	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Dimethyl phthalate	<0.20		0.20	0.053	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Di-n-butyl phthalate	<0.20		0.20	0.062	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Di-n-octyl phthalate	<0.20		0.20	0.066	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Fluoranthene	0.020	J	0.040	0.0075	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Fluorene	<0.040		0.040	0.0057	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Hexachlorobenzene	<0.082		0.082	0.0094	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Hexachlorobutadiene	<0.20		0.20	0.064	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Hexachlorocyclopentadiene	<0.82		0.82	0.23	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Hexachloroethane	<0.20		0.20	0.062	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1

Euofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: GW-1(0-5)-063020

Lab Sample ID: 500-184283-10

Date Collected: 06/30/20 10:00

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 81.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.011	J	0.040	0.011	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Isophorone	<0.20		0.20	0.046	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Naphthalene	<0.040		0.040	0.0062	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Nitrobenzene	<0.040		0.040	0.010	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
N-Nitrosodi-n-propylamine	<0.082	*	0.082	0.050	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
N-Nitrosodiphenylamine	<0.20	*	0.20	0.048	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Pentachlorophenol	<0.82		0.82	0.65	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Phenanthrene	0.0098	J	0.040	0.0057	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Phenol	<0.20		0.20	0.090	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Pyrene	0.021	J	0.040	0.0081	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>2,4,6-Tribromophenol</i>	61		31 - 143				07/08/20 07:25	07/09/20 05:10	1
<i>2-Fluorobiphenyl</i>	65		43 - 145				07/08/20 07:25	07/09/20 05:10	1
<i>2-Fluorophenol</i>	66		31 - 166				07/08/20 07:25	07/09/20 05:10	1
<i>Nitrobenzene-d5</i>	59		37 - 147				07/08/20 07:25	07/09/20 05:10	1
<i>Phenol-d5</i>	68		30 - 153				07/08/20 07:25	07/09/20 05:10	1
<i>Terphenyl-d14</i>	99		42 - 157				07/08/20 07:25	07/09/20 05:10	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/09/20 17:11	07/09/20 23:36	1
Barium	0.51		0.50	0.050	mg/L		07/09/20 17:11	07/09/20 23:36	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/09/20 17:11	07/09/20 23:36	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 17:11	07/09/20 23:36	1
Chromium	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:36	1
Cobalt	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:36	1
Copper	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:36	1
Iron	<0.40		0.40	0.20	mg/L		07/09/20 17:11	07/09/20 23:36	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/09/20 17:11	07/09/20 23:36	1
Manganese	0.46		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:36	1
Nickel	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:36	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 17:11	07/09/20 23:36	1
Silver	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:36	1
Zinc	0.083	J	0.50	0.020	mg/L		07/09/20 17:11	07/09/20 23:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.13		0.050	0.010	mg/L		07/09/20 17:10	07/10/20 00:30	1
Barium	0.80		0.50	0.050	mg/L		07/09/20 17:10	07/10/20 00:30	1
Beryllium	0.012		0.0040	0.0040	mg/L		07/09/20 17:10	07/10/20 00:30	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 17:10	07/10/20 00:30	1
Chromium	0.24		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:30	1
Cobalt	0.080		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:30	1
Copper	0.31		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:30	1
Iron	270		0.40	0.20	mg/L		07/09/20 17:10	07/10/20 00:30	1
Lead	0.18		0.0075	0.0075	mg/L		07/09/20 17:10	07/10/20 00:30	1
Manganese	1.1		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:30	1
Nickel	0.34		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:30	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 17:10	07/10/20 00:30	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: GW-1(0-5)-063020

Lab Sample ID: 500-184283-10

Date Collected: 06/30/20 10:00

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 81.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:30	1
Zinc	0.79		0.50	0.020	mg/L		07/09/20 17:10	07/10/20 00:30	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.2		1.2	0.24	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Arsenic	10		0.61	0.21	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Barium	62		0.61	0.069	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Beryllium	0.94		0.24	0.057	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Cadmium	0.12		0.12	0.022	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Calcium	25000	B	12	2.1	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Chromium	21		0.61	0.30	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Cobalt	15		0.30	0.080	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Copper	29		0.61	0.17	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Iron	22000		12	6.3	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Lead	27		0.30	0.14	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Magnesium	16000		6.1	3.0	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Manganese	360		0.61	0.088	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Nickel	39		0.61	0.18	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Potassium	3100		30	11	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Selenium	<0.61		0.61	0.36	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Silver	<0.30		0.30	0.078	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Sodium	1700		61	9.0	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Thallium	<0.61		0.61	0.30	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Vanadium	26	B	0.30	0.072	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Zinc	73	B	1.2	0.53	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/20 12:40	07/10/20 10:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0010		0.0010	0.0010	mg/L		07/09/20 12:40	07/10/20 11:22	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.022		0.020	0.0066	mg/Kg	☼	07/08/20 01:35	07/09/20 08:29	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	9.0		0.1	0.1	SU			07/02/20 12:59	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: VL-2(0-4)-063020

Lab Sample ID: 500-184283-19

Date Collected: 06/30/20 10:55

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 82.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.0018		0.0018	0.00060	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00057	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00077	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
1,1-Dichloroethane	<0.0018		0.0018	0.00061	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
1,1-Dichloroethene	<0.0018		0.0018	0.00061	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
1,2-Dichloroethane	<0.0045		0.0045	0.0014	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
1,2-Dichloropropane	<0.0018		0.0018	0.00046	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00063	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
2-Hexanone	<0.0045		0.0045	0.0014	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
Acetone	<0.018		0.018	0.0078	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
Benzene	<0.0018		0.0018	0.00046	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
Bromodichloromethane	<0.0018		0.0018	0.00036	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
Bromoform	<0.0018		0.0018	0.00052	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
Bromomethane	<0.0045		0.0045	0.0017	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
Carbon disulfide	<0.0045		0.0045	0.00093	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
Carbon tetrachloride	<0.0018		0.0018	0.00052	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
Chlorobenzene	<0.0018		0.0018	0.00066	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
Chloroethane	<0.0045		0.0045	0.0013	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
Chloroform	<0.0018		0.0018	0.00062	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
Chloromethane	<0.0045		0.0045	0.0018	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00050	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00054	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
Dibromochloromethane	<0.0018		0.0018	0.00058	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
Ethylbenzene	<0.0018		0.0018	0.00085	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
Methyl Ethyl Ketone	<0.0045		0.0045	0.0020	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
methyl isobutyl ketone	<0.0045		0.0045	0.0013	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00052	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
Methylene Chloride	<0.0045		0.0045	0.0018	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
Styrene	<0.0018		0.0018	0.00054	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
Tetrachloroethene	<0.0018		0.0018	0.00061	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
Toluene	<0.0018		0.0018	0.00045	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00079	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00063	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
Trichloroethene	<0.0018		0.0018	0.00060	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
Vinyl chloride	<0.0018		0.0018	0.00079	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1
Xylenes, Total	<0.0036		0.0036	0.00057	mg/Kg	☼	06/30/20 17:51	07/02/20 10:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		70 - 134	06/30/20 17:51	07/02/20 10:49	1
4-Bromofluorobenzene (Surr)	116		75 - 131	06/30/20 17:51	07/02/20 10:49	1
Dibromofluoromethane	97		75 - 126	06/30/20 17:51	07/02/20 10:49	1
Toluene-d8 (Surr)	98		75 - 124	06/30/20 17:51	07/02/20 10:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.043	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
1,2-Dichlorobenzene	<0.20		0.20	0.048	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
1,3-Dichlorobenzene	<0.20		0.20	0.045	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
1,4-Dichlorobenzene	<0.20		0.20	0.051	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: VL-2(0-4)-063020

Lab Sample ID: 500-184283-19

Date Collected: 06/30/20 10:55

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 82.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.40		0.40	0.091	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
2,4,6-Trichlorophenol	<0.40		0.40	0.14	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
2,4-Dichlorophenol	<0.40		0.40	0.095	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
2,4-Dimethylphenol	<0.40		0.40	0.15	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
2,4-Dinitrophenol	<0.80		0.80	0.70	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
2,4-Dinitrotoluene	<0.20		0.20	0.063	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
2,6-Dinitrotoluene	<0.20		0.20	0.078	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
2-Chlorophenol	<0.20		0.20	0.068	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
2-Methylnaphthalene	<0.080		0.080	0.0073	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
2-Methylphenol	<0.20		0.20	0.064	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
2-Nitroaniline	<0.20		0.20	0.054	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
2-Nitrophenol	<0.40		0.40	0.094	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
3 & 4 Methylphenol	<0.20		0.20	0.066	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.056	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
3-Nitroaniline	<0.40		0.40	0.12	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
4,6-Dinitro-2-methylphenol	<0.80		0.80	0.32	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.053	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
4-Chloro-3-methylphenol	<0.40		0.40	0.14	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
4-Chloroaniline	<0.80		0.80	0.19	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.047	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
4-Nitroaniline	<0.40		0.40	0.17	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
4-Nitrophenol	<0.80		0.80	0.38	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Acenaphthene	<0.040		0.040	0.0072	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Acenaphthylene	<0.040		0.040	0.0053	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Anthracene	<0.040		0.040	0.0067	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Benzo[a]anthracene	0.0074	J	0.040	0.0054	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Benzo[a]pyrene	<0.040		0.040	0.0077	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Benzo[b]fluoranthene	0.0090	J	0.040	0.0086	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Benzo[g,h,i]perylene	<0.040		0.040	0.013	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Benzo[k]fluoranthene	<0.040		0.040	0.012	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.041	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.060	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.073	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Butyl benzyl phthalate	<0.20		0.20	0.076	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Carbazole	<0.20		0.20	0.10	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Chrysene	<0.040		0.040	0.011	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Dibenz(a,h)anthracene	<0.040		0.040	0.0077	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Dibenzofuran	<0.20		0.20	0.047	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Diethyl phthalate	<0.20		0.20	0.068	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Dimethyl phthalate	<0.20		0.20	0.052	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Di-n-butyl phthalate	<0.20		0.20	0.061	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Di-n-octyl phthalate	<0.20		0.20	0.065	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Fluoranthene	0.0091	J	0.040	0.0074	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Fluorene	<0.040		0.040	0.0056	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Hexachlorobenzene	<0.080		0.080	0.0092	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Hexachlorobutadiene	<0.20		0.20	0.063	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Hexachlorocyclopentadiene	<0.80		0.80	0.23	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Hexachloroethane	<0.20		0.20	0.061	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: VL-2(0-4)-063020

Lab Sample ID: 500-184283-19

Date Collected: 06/30/20 10:55

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 82.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.040		0.040	0.010	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Isophorone	<0.20		0.20	0.045	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Naphthalene	<0.040		0.040	0.0061	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Nitrobenzene	<0.040		0.040	0.0099	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
N-Nitrosodi-n-propylamine	<0.080	*	0.080	0.049	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
N-Nitrosodiphenylamine	<0.20	*	0.20	0.047	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Pentachlorophenol	<0.80		0.80	0.64	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Phenanthrene	<0.040		0.040	0.0056	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Phenol	<0.20		0.20	0.089	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1
Pyrene	0.0095	J	0.040	0.0079	mg/Kg	☼	07/08/20 07:25	07/09/20 08:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	67		31 - 143	07/08/20 07:25	07/09/20 08:11	1
2-Fluorobiphenyl	75		43 - 145	07/08/20 07:25	07/09/20 08:11	1
2-Fluorophenol	76		31 - 166	07/08/20 07:25	07/09/20 08:11	1
Nitrobenzene-d5	70		37 - 147	07/08/20 07:25	07/09/20 08:11	1
Phenol-d5	78		30 - 153	07/08/20 07:25	07/09/20 08:11	1
Terphenyl-d14	104		42 - 157	07/08/20 07:25	07/09/20 08:11	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/09/20 17:11	07/10/20 00:09	1
Barium	0.52	F1	0.50	0.050	mg/L		07/09/20 17:11	07/10/20 00:09	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/09/20 17:11	07/10/20 00:09	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 17:11	07/10/20 00:09	1
Chromium	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/10/20 00:09	1
Cobalt	0.013	J	0.025	0.010	mg/L		07/09/20 17:11	07/10/20 00:09	1
Copper	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/10/20 00:09	1
Iron	<0.40		0.40	0.20	mg/L		07/09/20 17:11	07/10/20 00:09	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/09/20 17:11	07/10/20 00:09	1
Manganese	4.9		0.025	0.010	mg/L		07/09/20 17:11	07/10/20 00:09	1
Nickel	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/10/20 00:09	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 17:11	07/10/20 00:09	1
Silver	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/10/20 00:09	1
Zinc	<0.50		0.50	0.020	mg/L		07/09/20 17:11	07/10/20 00:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.11		0.050	0.010	mg/L		07/09/20 17:10	07/10/20 01:13	1
Barium	0.69		0.50	0.050	mg/L		07/09/20 17:10	07/10/20 01:13	1
Beryllium	0.011		0.0040	0.0040	mg/L		07/09/20 17:10	07/10/20 01:13	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 17:10	07/10/20 01:13	1
Chromium	0.22		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 01:13	1
Cobalt	0.064		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 01:13	1
Copper	0.27		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 01:13	1
Iron	230		0.40	0.20	mg/L		07/09/20 17:10	07/10/20 01:13	1
Lead	0.13		0.0075	0.0075	mg/L		07/09/20 17:10	07/10/20 01:13	1
Manganese	0.85		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 01:13	1
Nickel	0.29		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 01:13	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 17:10	07/10/20 01:13	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: VL-2(0-4)-063020

Lab Sample ID: 500-184283-19

Date Collected: 06/30/20 10:55

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 82.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 01:13	1
Zinc	0.68		0.50	0.020	mg/L		07/09/20 17:10	07/10/20 01:13	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.4		1.2	0.23	mg/Kg	☼	07/07/20 17:08	07/08/20 10:21	1
Arsenic	9.4		0.58	0.20	mg/Kg	☼	07/07/20 17:08	07/08/20 10:21	1
Barium	51		0.58	0.067	mg/Kg	☼	07/07/20 17:08	07/08/20 10:21	1
Beryllium	0.99		0.23	0.055	mg/Kg	☼	07/07/20 17:08	07/08/20 10:21	1
Cadmium	0.12		0.12	0.021	mg/Kg	☼	07/07/20 17:08	07/08/20 10:21	1
Calcium	26000	B	12	2.0	mg/Kg	☼	07/07/20 17:08	07/08/20 10:21	1
Chromium	22		0.58	0.29	mg/Kg	☼	07/07/20 17:08	07/08/20 10:21	1
Cobalt	16		0.29	0.076	mg/Kg	☼	07/07/20 17:08	07/08/20 10:21	1
Copper	26		0.58	0.16	mg/Kg	☼	07/07/20 17:08	07/08/20 10:21	1
Iron	21000		12	6.1	mg/Kg	☼	07/07/20 17:08	07/08/20 10:21	1
Lead	21		0.29	0.13	mg/Kg	☼	07/07/20 17:08	07/08/20 10:21	1
Magnesium	17000		5.8	2.9	mg/Kg	☼	07/07/20 17:08	07/08/20 10:21	1
Manganese	370		0.58	0.085	mg/Kg	☼	07/07/20 17:08	07/08/20 10:21	1
Nickel	39		0.58	0.17	mg/Kg	☼	07/07/20 17:08	07/08/20 10:21	1
Potassium	3600		29	10	mg/Kg	☼	07/07/20 17:08	07/08/20 10:21	1
Selenium	<0.58		0.58	0.34	mg/Kg	☼	07/07/20 17:08	07/08/20 10:21	1
Silver	<0.29		0.29	0.075	mg/Kg	☼	07/07/20 17:08	07/08/20 10:21	1
Sodium	1800		58	8.6	mg/Kg	☼	07/07/20 17:08	07/08/20 10:21	1
Thallium	<0.58		0.58	0.29	mg/Kg	☼	07/07/20 17:08	07/08/20 10:21	1
Vanadium	29	B	0.29	0.069	mg/Kg	☼	07/07/20 17:08	07/08/20 10:21	1
Zinc	69	B	1.2	0.51	mg/Kg	☼	07/07/20 17:08	07/08/20 10:21	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/20 12:40	07/10/20 10:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0010		0.0010	0.0010	mg/L		07/09/20 12:40	07/10/20 11:44	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.019		0.019	0.0064	mg/Kg	☼	07/08/20 01:35	07/09/20 08:58	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	9.0		0.1	0.1	SU			07/02/20 13:44	1

Definitions/Glossary

Client: Weston Solutions, Inc.
 Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

Metals

Qualifier	Qualifier Description
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F3	Duplicate RPD exceeds the control limit
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL.
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

Eurofins TestAmerica, Chicago

Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Glossary (Continued)

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

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Accreditation/Certification Summary

Client: Weston Solutions, Inc.
 Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Laboratory: Eurofins TestAmerica, Chicago

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

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	IL00035	04-30-20 *

Laboratory: Eurofins TestAmerica, Cedar Falls

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

Authority	Program	Identification Number	Expiration Date
AIHA-LAP, LLC	Industrial Hygiene Laboratory Accreditation Program (IHLAP)	101044	11-01-20
Colorado	Petroleum Storage Tank Program	IA100001 (OR)	09-29-20
Georgia	State	IA100001 (OR)	09-29-20
Illinois	NELAP	200024	11-29-20
Iowa	State	007	12-01-21
Kansas	NELAP	E-10341	01-31-21
Minnesota	NELAP	019-999-319	12-31-20
Minnesota (Petrofund)	State	3349	08-22-21
North Dakota	State	R-186	09-30-20
Oregon	NELAP	IA100001	09-29-20
USDA	US Federal Programs	P330-19-00003	01-02-22

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



Chain of Custody Record

458086



Environment Testing
TestAmerica

TAL-8210

Address: _____

Regulatory Program: DW NPDES RCRA Other:

Client Contact		Project Manager: Andris Siesers		Site Contact: T. Oberman		Date: 6/30/20		COC No:								
Company Name: Weston		Tel/Email:		Lab Contact: D. Wright		Carrier:		2 of 3 COCs								
Address: 300 Plaza Cr		Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____ <input type="checkbox"/> 2 weeks Standard <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day														
City/State/Zip: Mundelein, IL 60060																
Phone: 824-864-7201																
Fax:																
Project Name:																
Site:		Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	VOCs	SVOCs	Total Metals	TC/PC/SLP Metals	pH	Sampler:
P O #																For Lab Use Only: Walk-in Client: Lab Sampling:
																Job / SDG No.: 500-184283
																Sample Specific Notes:
13	GW-1(10-15)-063020 D		6/30/20	1010	G	S	G	6								
14	GW-1(15-20)-063020			1015												
15	GW-1(20-25)-063020			1030												
16	GW-1(25-30)-063020			1035												
17	GW-1(30-34)-063020			1038												
18	GW-1(34-37)-063020			1041												
19	VL-2(0-4)-063020			1055												
20	VL-2(4-8)-063020			1100												
	VL-1(0-4)-063020			1125												
	VL-1(4-8)-063020			1130												
	RF-2(0-2)-063020			1140												
	RF-2(0-2)-063020 D			1140												
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other										Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)						
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.										<input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months						
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown																
Special Instructions/QC Requirements & Comments:																
11, 4, 11, 0, P, 3																
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____		Corr'd: _____		Therm ID No.:								
Relinquished by: Taylor Clemens		Company: Weston		Date/Time: 6/30/20 1300		Received by: P. Neal		Company: TA		Date/Time: 6/30/20 1300						
Relinquished by: P. Neal		Company: TA		Date/Time: 6/30/20 1410		Received by:		Company:		Date/Time:						
Relinquished by:		Company:		Date/Time:		Received in Laboratory by: Shirley Smith		Company: TA-ART		Date/Time: 6/30/20 1410						

ANALYTICAL REPORT

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

Laboratory Job ID: 500-184284-1

Client Project/Site: IDOT - Lombard - WO 012

For:

Weston Solutions, Inc.
300 Plaza Circle, Suite 202
Mundelein, Illinois 60060

Attn: Mr. Andris Slesers



Authorized for release by:
7/10/2020 5:37:46 PM

Richard Wright, Senior Project Manager
(708)746-0045
Richard.Wright@Eurofinset.com

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

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

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184284-1

Client Sample ID: VL-1(0-4)-063020

Lab Sample ID: 500-184284-1

Date Collected: 06/30/20 11:25

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 81.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.0019		0.0019	0.00065	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00062	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00083	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
1,1-Dichloroethane	<0.0019		0.0019	0.00066	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
1,1-Dichloroethene	<0.0019		0.0019	0.00067	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
1,2-Dichloroethane	<0.0048		0.0048	0.0015	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
1,2-Dichloropropane	<0.0019		0.0019	0.00050	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00068	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
2-Hexanone	<0.0048		0.0048	0.0015	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Acetone	<0.019		0.019	0.0084	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Benzene	<0.0019		0.0019	0.00049	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Bromodichloromethane	<0.0019		0.0019	0.00039	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Bromoform	<0.0019		0.0019	0.00057	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Bromomethane	<0.0048		0.0048	0.0018	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Carbon disulfide	<0.0048		0.0048	0.0010	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Carbon tetrachloride	<0.0019		0.0019	0.00056	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Chlorobenzene	<0.0019		0.0019	0.00071	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Chloroethane	<0.0048		0.0048	0.0014	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Chloroform	<0.0019		0.0019	0.00067	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Chloromethane	<0.0048		0.0048	0.0019	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00054	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00058	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Dibromochloromethane	<0.0019		0.0019	0.00063	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Ethylbenzene	<0.0019		0.0019	0.00093	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Methyl Ethyl Ketone	<0.0048		0.0048	0.0021	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
methyl isobutyl ketone	<0.0048		0.0048	0.0014	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00057	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Methylene Chloride	<0.0048		0.0048	0.0019	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Styrene	<0.0019		0.0019	0.00058	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Tetrachloroethene	<0.0019		0.0019	0.00066	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Toluene	<0.0019		0.0019	0.00049	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00086	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00068	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Trichloroethene	<0.0019		0.0019	0.00065	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Vinyl chloride	<0.0019		0.0019	0.00086	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Xylenes, Total	<0.0039		0.0039	0.00062	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		70 - 134	06/30/20 17:51	07/02/20 14:24	1
4-Bromofluorobenzene (Surr)	114		75 - 131	06/30/20 17:51	07/02/20 14:24	1
Dibromofluoromethane	97		75 - 126	06/30/20 17:51	07/02/20 14:24	1
Toluene-d8 (Surr)	98		75 - 124	06/30/20 17:51	07/02/20 14:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20	F1 F2	0.20	0.042	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
1,2-Dichlorobenzene	<0.20	F1 F2	0.20	0.047	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
1,3-Dichlorobenzene	<0.20	F1 F2	0.20	0.044	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
1,4-Dichlorobenzene	<0.20	F1 F2	0.20	0.050	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
2,2'-oxybis[1-chloropropane]	<0.20	F1 F2	0.20	0.045	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184284-1

Client Sample ID: VL-1(0-4)-063020

Lab Sample ID: 500-184284-1

Date Collected: 06/30/20 11:25

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 81.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39	F1 F2	0.39	0.089	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
2,4,6-Trichlorophenol	<0.39	F1 F2	0.39	0.13	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
2,4-Dichlorophenol	<0.39		0.39	0.093	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
2,4-Dimethylphenol	<0.39	F1 * F2	0.39	0.15	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
2,4-Dinitrophenol	<0.79	F1	0.79	0.69	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
2,4-Dinitrotoluene	<0.20	F1 F2	0.20	0.062	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
2,6-Dinitrotoluene	<0.20	F1 F2	0.20	0.077	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
2-Chloronaphthalene	<0.20	F1 F2	0.20	0.043	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
2-Chlorophenol	<0.20	F1 F2	0.20	0.067	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
2-Methylnaphthalene	<0.079	F1 F2	0.079	0.0072	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
2-Methylphenol	<0.20	F1 F2	0.20	0.063	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
2-Nitroaniline	<0.20	F1 F2	0.20	0.053	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
2-Nitrophenol	<0.39	F1 F2	0.39	0.093	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
3 & 4 Methylphenol	<0.20	F1 F2	0.20	0.065	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
3-Nitroaniline	<0.39	F2	0.39	0.12	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.31	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
4-Bromophenyl phenyl ether	<0.20	F1 F2	0.20	0.052	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
4-Chloro-3-methylphenol	<0.39	F1 F2	0.39	0.13	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
4-Chloroaniline	<0.79	F1 F2	0.79	0.18	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
4-Chlorophenyl phenyl ether	<0.20	F1 F2	0.20	0.046	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
4-Nitroaniline	<0.39	F1 F2	0.39	0.16	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
4-Nitrophenol	<0.79	F2	0.79	0.37	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Acenaphthene	<0.039	F1 F2	0.039	0.0070	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Acenaphthylene	<0.039	F1 F2	0.039	0.0052	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Anthracene	<0.039	F1 F2	0.039	0.0065	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Benzo[a]anthracene	0.011	J	0.039	0.0053	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Benzo[a]pyrene	0.029	J	0.039	0.0076	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Benzo[b]fluoranthene	0.039		0.039	0.0085	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Benzo[g,h,i]perylene	0.013	J F1	0.039	0.013	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Benzo[k]fluoranthene	<0.039		0.039	0.012	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Bis(2-chloroethoxy)methane	<0.20	F1 F2	0.20	0.040	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Bis(2-chloroethyl)ether	<0.20	F1 F2	0.20	0.059	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Butyl benzyl phthalate	<0.20	*	0.20	0.075	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Carbazole	<0.20	F2	0.20	0.098	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Chrysene	0.017	J	0.039	0.011	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Dibenz(a,h)anthracene	0.029	J	0.039	0.0076	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Dibenzofuran	<0.20	F1 F2	0.20	0.046	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Diethyl phthalate	<0.20	F1 F2	0.20	0.066	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Dimethyl phthalate	<0.20	F1 F2	0.20	0.051	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Di-n-butyl phthalate	<0.20	F2	0.20	0.060	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Fluoranthene	0.015	J F2	0.039	0.0073	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Fluorene	<0.039	F1 F2	0.039	0.0055	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Hexachlorobenzene	<0.079	F1 F2	0.079	0.0091	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Hexachlorobutadiene	<0.20	F1 F2	0.20	0.062	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Hexachlorocyclopentadiene	<0.79	F1	0.79	0.23	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Hexachloroethane	<0.20	F1 F2	0.20	0.060	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184284-1

Client Sample ID: VL-1(0-4)-063020

Lab Sample ID: 500-184284-1

Date Collected: 06/30/20 11:25

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 81.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.031	J F1	0.039	0.010	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Isophorone	<0.20	F1 F2	0.20	0.044	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Naphthalene	<0.039	F1 F2	0.039	0.0060	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Nitrobenzene	<0.039	F1 F2	0.039	0.0098	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
N-Nitrosodi-n-propylamine	<0.079	F1 F2	0.079	0.048	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
N-Nitrosodiphenylamine	<0.20	F1 * F2	0.20	0.046	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Pentachlorophenol	<0.79		0.79	0.63	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Phenanthrene	0.011	J F1 F2	0.039	0.0055	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Phenol	<0.20	F1 F2	0.20	0.087	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Pyrene	0.021	J	0.039	0.0078	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>2,4,6-Tribromophenol</i>	55		31 - 143				07/07/20 19:09	07/08/20 13:15	1
<i>2-Fluorobiphenyl</i>	90		43 - 145				07/07/20 19:09	07/08/20 13:15	1
<i>2-Fluorophenol</i>	92		31 - 166				07/07/20 19:09	07/08/20 13:15	1
<i>Nitrobenzene-d5</i>	82		37 - 147				07/07/20 19:09	07/08/20 13:15	1
<i>Phenol-d5</i>	91		30 - 153				07/07/20 19:09	07/08/20 13:15	1
<i>Terphenyl-d14</i>	104		42 - 157				07/07/20 19:09	07/08/20 13:15	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/09/20 06:18	07/09/20 21:28	1
Barium	0.35	J	0.50	0.050	mg/L		07/09/20 06:18	07/09/20 21:28	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/09/20 06:18	07/09/20 21:28	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 06:18	07/09/20 21:28	1
Chromium	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:28	1
Cobalt	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:28	1
Copper	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:28	1
Iron	<0.40		0.40	0.20	mg/L		07/09/20 06:18	07/09/20 21:28	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/09/20 06:18	07/09/20 21:28	1
Manganese	0.25		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:28	1
Nickel	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:28	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 06:18	07/09/20 21:28	1
Silver	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:28	1
Zinc	0.068	J	0.50	0.020	mg/L		07/09/20 06:18	07/09/20 21:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.12		0.050	0.010	mg/L		07/09/20 06:15	07/09/20 22:19	1
Barium	0.66		0.50	0.050	mg/L		07/09/20 06:15	07/09/20 22:19	1
Beryllium	0.012		0.0040	0.0040	mg/L		07/09/20 06:15	07/09/20 22:19	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 06:15	07/09/20 22:19	1
Chromium	0.23		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:19	1
Cobalt	0.073		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:19	1
Copper	0.30		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:19	1
Iron	250		0.40	0.20	mg/L		07/09/20 06:15	07/09/20 22:19	1
Lead	0.13		0.0075	0.0075	mg/L		07/09/20 06:15	07/09/20 22:19	1
Manganese	1.1		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:19	1
Nickel	0.31		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:19	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 06:15	07/09/20 22:19	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184284-1

Client Sample ID: VL-1(0-4)-063020

Lab Sample ID: 500-184284-1

Date Collected: 06/30/20 11:25

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 81.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:19	1
Zinc	0.68		0.50	0.020	mg/L		07/09/20 06:15	07/09/20 22:19	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.4		1.2	0.23	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Arsenic	9.4		0.60	0.20	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Barium	46		0.60	0.068	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Beryllium	0.86		0.24	0.056	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Cadmium	0.13		0.12	0.022	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Calcium	29000		12	2.0	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Chromium	19		0.60	0.30	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Cobalt	16		0.30	0.078	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Copper	26		0.60	0.17	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Iron	22000		12	6.2	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Lead	21		0.30	0.14	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Magnesium	18000		6.0	3.0	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Manganese	340		0.60	0.087	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Nickel	39		0.60	0.17	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Potassium	2900		30	11	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Selenium	<0.60		0.60	0.35	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Silver	<0.30		0.30	0.077	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Sodium	2300		60	8.9	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Thallium	<0.60		0.60	0.30	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Vanadium	22		0.30	0.071	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Zinc	71		1.2	0.53	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/20 09:10	07/10/20 08:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0010		0.0010	0.0010	mg/L		07/09/20 09:10	07/10/20 08:06	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.025		0.020	0.0066	mg/Kg	☼	07/08/20 13:35	07/09/20 10:09	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.5		0.1	0.1	SU			07/02/20 13:51	1

Definitions/Glossary

Client: Weston Solutions, Inc.
 Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184284-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

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

Glossary

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

Accreditation/Certification Summary

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184284-1

Laboratory: Eurofins TestAmerica, Chicago

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

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	IL00035	04-30-20 *

Laboratory: Eurofins TestAmerica, Cedar Falls

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

Authority	Program	Identification Number	Expiration Date
AIHA-LAP, LLC	Industrial Hygiene Laboratory Accreditation Program (IHLAP)	101044	11-01-20
Colorado	Petroleum Storage Tank Program	IA100001 (OR)	09-29-20
Georgia	State	IA100001 (OR)	09-29-20
Illinois	NELAP	200024	11-29-20
Iowa	State	007	12-01-21
Kansas	NELAP	E-10341	01-31-21
Minnesota	NELAP	019-999-319	12-31-20
Minnesota (Petrofund)	State	3349	08-22-21
North Dakota	State	R-186	09-30-20
Oregon	NELAP	IA100001	09-29-20
USDA	US Federal Programs	P330-19-00003	01-02-22

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

Chain of Custody Record

458986



Environment Testing
TestAmerica

Address: _____

Regulatory Program: DW NPDES RCRA Other:

TAL-8210

Client Contact		Project Manager: Andrius Slesers		Site Contact: T. Oberman		Date: 6/30/20		COC No:													
Company Name: <u>Weston</u>		Tel/Email:		Lab Contact: <u>D. Wright</u>		Carrier:		2 of 3 COCs													
Address: <u>300 Plaza Cr</u>		Analysis Turnaround Time																			
City/State/Zip: <u>Mundelein, IL 60060</u>		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS																			
Phone: <u>847-964-7201</u>		TAT if different from Below																			
Fax:		<input type="checkbox"/> 2 weeks <u>Standard</u> <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day																			
Project Name:				500-184284 COC		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 TCL/SLP Metals PH		Sample Specific Notes:											
Site:												Sample Identification		GW-1(10-15)-063020 D		4/30/20 1010		G		926	
P O #												GW-1(15-20)-063020		1015							
												GW-1(20-25)-063020		1030							
		GW-1(25-30)-063020		1035																	
		GW-1(30-33)-063020		1038																	
		GW-1(34-37)-063020		1041																	
		VL-2(0-4)-063020		1055																	
		VL-2(4-8)-063020		1100																	
		VL-1(0-4)-063020		1125																	
		VL-1(4-8)-063020		1130																	
		R7-2(0-2)-063020		1140																	
		R7-2(0-2)-063020 D		1140																	
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other										Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)											
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.										<input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months											
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown																					
Special Instructions/QC Requirements & Comments:																					
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No				Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____		Corr'd: _____		Therm ID No.:											
Relinquished by: <u>Jaylen Blum</u>		Company: <u>Weston</u>		Date/Time: <u>6/30/20</u>		Received by: <u>P. Vad</u>		Company: <u>TA</u>		Date/Time: <u>6/30/20 1300</u>											
Relinquished by: <u>P. Neal</u>		Company: <u>TA</u>		Date/Time: <u>6/30/20</u>		Received by:		Company:		Date/Time:											
Relinquished by:		Company:		Date/Time:		Received in Laboratory by: <u>John Smith</u>		Company: <u>TA/CHT</u>		Date/Time: <u>6/30/20 1410</u>											



Illinois Environmental Protection Agency

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

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

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

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

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

I. Source Location Information

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

Project Name: FAP 870: N Columbine Ave Office Phone Number, if available: _____

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

2-10 Woodland Court (ISGS Site No. 3911-6)

City: Lombard State: IL Zip Code: _____

County: DuPage Township: _____

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

Latitude: 41.89165 Longitude: -88.0328
(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.): 68

II. Owner/Operator Information for Source Site

Site Owner

Name: Illinois Department of Transportation

Street Address: 201 W. Center Court

PO Box: _____

City: Schaumburg State: IL

Zip Code: 60196 Phone: _____

Contact: Irma Romiti-Johnson

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

Site Operator

Name: Illinois Department of Transportation

Street Address: 201 W. Center Court

PO Box: _____

City: Schaumburg State: IL

Zip Code: 60196 Phone: _____

Contact: Irma Romiti-Johnson

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

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

Uncontaminated Soil Certification

III. Basis for Certification and Attachments

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

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

LOCATIONS BA-1, BA-2, GW-1, AND R8-2 WERE SAMPLED ADJACENT TO ISGS SITE No. 3911-6. SEE FIGURE 3-1 AND TABLE 4-1 OF THE FINAL PRELIMINARY SITE INVESTIGATION REPORT FOR SAMPLING DETAILS.

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

TESTAMERICA ANALYTICAL REPORT - JOB ID: 500-184238-1 and 500-184283-1.
ALSO SEE FIGURE 4-1 OF THE FINAL PRELIMINARY SITE INVESTIGATION REPORT.

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

I, Margaret Doheny-Skubic, 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))

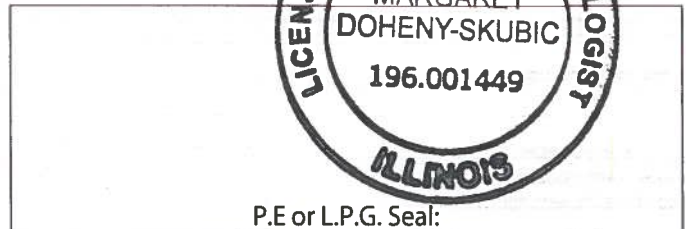
Company Name: Weston Solutions, Inc.
Street Address: 300 Plaza Circle; Suite 202
City: Mundelein State: IL Zip Code: 60060
Phone: (224) 864-7200

Margaret Doheny-Skubic, P.G.
Printed Name:



Licensed Professional Engineer or
Licensed Professional Geologist Signature:

12/21/2020
Date:



Summary Table of ISGS Site No. 3911-006
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
Illinois Department of Transportation
FAP 870: IL Route 53 From Woodland Avenue to Meadow Avenue
Lombard, DuPage County, Illinois

Location	GW-1	BA-1	BA-2	R8-1	Soil Reference Concentrations ^A
Sample Date	6/30/2020	6/29/2020	6/29/2020	6/29/2020	
Field Sample ID	GW-1(0-5)-063020	BA-1(0-4)-062920	BA-2(0-4)-062920	R8-1(0-3)-062920	
Lab Sample ID	500-184283-10	500-184238-3	500-184238-5	500-184238-1	
ISGS Site Number	3911-004	3911-006	3911-006	3911-008	
Parameters					
Laboratory pH	9.0	8.6	8.7	8.5	<6.25; >9.0
VOCs					
Acetone	ND	0.016 J	ND	ND	25
Methylene chloride	0.0054	ND	ND	ND	0.02
SVOCs					
Acenaphthylene	ND	ND	0.008 J	ND	---
Anthracene	ND	ND	0.0096 J	ND	12000
Benzo(a)anthracene	0.012 J	ND	0.075	ND	0.9 / 1.1 / 1.8
Benzo(a)pyrene	0.015 J	0.021 J	0.094	0.026 J	0.09 / 1.3 / 2.1
Benzo(b)fluoranthene	0.019 J	0.024 J	0.12	0.032 J	0.9 / 1.5 / 2.1
Benzo(g,h,i)perylene	0.015 J	ND	0.047	ND	---
Benzo(k)fluoranthene	ND	ND	0.035 J	ND	9
Chrysene	0.014 J	ND	0.087	0.012 J	88.00001
Dibenzo(a,h)anthracene	ND	ND	0.038 J	ND	0.09 / 0.2 / 0.42
Fluoranthene	0.02 J	ND	0.11	0.012 J	3100
Indeno(1,2,3-cd)pyrene	0.011 J	0.025 J	0.056	0.026 J	0.9 / 0.9 / 1.6
Phenanthrene	0.0098 J	ND	0.042	0.0066 J	---
Pyrene	0.021 J	ND	0.15	0.017 J	2300
Total Metals (mg/kg)					
Antimony, Total	1.2	1.2	1.1 J	1.2	5
Arsenic, Total	10	11	9.1	10	11.3 / 13.0
Barium, Total	62	66	78	54	1500
Beryllium, Total	0.94	0.99	0.89	0.91	22
Cadmium, Total	0.12	0.078 J	0.14	0.12	5.2
Calcium, Total	25000 B	13000 B	34000 B	23000 B	---
Chromium, Total	21	24	22	22	21
Cobalt, Total	15	16	16	15	20
Copper, Total	29	28	25	32	2900
Iron, Total	22000	25000 B	21000 B	23000 B	15000 / 15900
Lead, Total	27	27	37	21	107
Magnesium, Total	16000	10000	21000	16000	325000
Manganese, Total	360	500	350	330	630 / 636
Mercury, Total	0.022	0.15	0.092	0.24	0.89
Nickel, Total	39	41	40	42	100
Potassium, Total	3100	3000	3400	3300	---
Selenium, Total	ND	0.65	0.41 J	ND	1.3
Sodium, Total	1700	2100	2400	1600	---
Vanadium, Total	26 B	33	29	27	550
Zinc, Total	73 B	73	78	79	5100
TCLP Metals (mg/kg)					
Arsenic, TCLP	ND	ND	ND	ND	0.05
Barium, TCLP	0.51	0.37 J	0.46 J	0.22 J	2
Beryllium, TCLP	ND	ND	ND	ND	0.004
Cadmium, TCLP	ND	ND	ND	ND	0.005
Chromium, TCLP	ND	ND	ND	ND	0.1
Cobalt, TCLP	ND	ND	ND	ND	1
Copper, TCLP	ND	ND	ND	ND	0.65
Iron, TCLP	ND	ND	ND	ND	5
Lead, TCLP	ND	ND	ND	ND	0.0075
Manganese, TCLP	0.46	0.66	0.31	0.27	0.15
Mercury, TCLP	ND	ND	ND	ND	0.002
Nickel, TCLP	ND	ND	ND	ND	0.1
Selenium, TCLP	ND	ND	ND	ND	0.05
Zinc, TCLP	0.083 J	0.049 J	0.037 J	ND	5
SPLP Metals (mg/kg)					
Arsenic, SPLP	0.13	0.11	0.12	0.13	0.05
Barium, SPLP	0.8	0.68	0.83	0.58	2
Beryllium, SPLP	0.012	0.011	0.012	0.011	0.004
Cadmium, SPLP	ND	ND	ND	ND	0.005
Chromium, SPLP	0.24	0.23	0.24	0.22	0.1
Cobalt, SPLP	0.08	0.079	0.072	0.08	1
Copper, SPLP	0.31	0.27	0.3	0.32	0.65
Iron, SPLP	270	250	260	250	5
Lead, SPLP	0.18	0.14	0.21	0.2	0.0075
Manganese, SPLP	1.1	1.2	0.96	1	0.15
Mercury, SPLP	ND	ND	ND	ND	0.002
Nickel, SPLP	0.34	0.32	0.33	0.34	0.1
Selenium, SPLP	ND	ND	ND	ND	0.05
Zinc, SPLP	0.79	0.63	0.74	0.68	5

Notes:

--- - not applicable or value not available.

^A - Soil reference concentrations from MAC Table. Background values for Chicago corporate limits and MSA counties are included, as applicable.

J - Estimated concentration.

ND - Constituent not detected above the reporting limit.

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

ANALYTICAL REPORT

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

Laboratory Job ID: 500-184238-1

Client Project/Site: IDOT - Lombard - WO 012

For:

Weston Solutions, Inc.
300 Plaza Circle, Suite 202
Mundelein, Illinois 60060

Attn: Mr. Andris Slesers



Authorized for release by:
7/10/2020 1:59:13 PM

Richard Wright, Senior Project Manager
(708)746-0045
Richard.Wright@Eurofinset.com

LINKS

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

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

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

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: R8-2(0-3)-062920

Lab Sample ID: 500-184238-2

Date Collected: 06/29/20 10:10

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 83.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.0018		0.0018	0.00059	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00056	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00076	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
1,1-Dichloroethane	<0.0018		0.0018	0.00060	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
1,1-Dichloroethene	<0.0018		0.0018	0.00061	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
1,2-Dichloroethane	<0.0044		0.0044	0.0014	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
1,2-Dichloropropane	<0.0018		0.0018	0.00046	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00062	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
2-Hexanone	<0.0044		0.0044	0.0014	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Acetone	<0.018		0.018	0.0077	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Benzene	<0.0018		0.0018	0.00045	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Bromodichloromethane	<0.0018		0.0018	0.00036	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Bromoform	<0.0018		0.0018	0.00052	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Bromomethane	<0.0044		0.0044	0.0017	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Carbon disulfide	<0.0044		0.0044	0.00092	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Carbon tetrachloride	<0.0018		0.0018	0.00051	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Chlorobenzene	<0.0018		0.0018	0.00065	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Chloroethane	<0.0044		0.0044	0.0013	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Chloroform	<0.0018		0.0018	0.00061	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Chloromethane	<0.0044		0.0044	0.0018	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00049	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00053	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Dibromochloromethane	<0.0018		0.0018	0.00058	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Ethylbenzene	<0.0018		0.0018	0.00084	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Methyl Ethyl Ketone	<0.0044		0.0044	0.0020	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
methyl isobutyl ketone	<0.0044		0.0044	0.0013	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00052	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Methylene Chloride	<0.0044		0.0044	0.0017	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Styrene	<0.0018		0.0018	0.00053	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Tetrachloroethene	<0.0018		0.0018	0.00060	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Toluene	<0.0018		0.0018	0.00045	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00078	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00062	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Trichloroethene	<0.0018		0.0018	0.00060	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Vinyl chloride	<0.0018		0.0018	0.00078	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Xylenes, Total	<0.0035		0.0035	0.00056	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		70 - 134	06/30/20 17:51	07/01/20 15:43	1
4-Bromofluorobenzene (Surr)	113		75 - 131	06/30/20 17:51	07/01/20 15:43	1
Dibromofluoromethane	101		75 - 126	06/30/20 17:51	07/01/20 15:43	1
Toluene-d8 (Surr)	97		75 - 124	06/30/20 17:51	07/01/20 15:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.045	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: R8-2(0-3)-062920

Lab Sample ID: 500-184238-2

Date Collected: 06/29/20 10:10

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 83.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.088	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
2,4-Dichlorophenol	<0.38		0.38	0.092	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
2,4-Dimethylphenol	<0.38		0.38	0.15	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
2,4-Dinitrophenol	<0.78		0.78	0.68	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
2,4-Dinitrotoluene	<0.19		0.19	0.061	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
2,6-Dinitrotoluene	<0.19		0.19	0.076	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
2-Chloronaphthalene	<0.19		0.19	0.043	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
2-Chlorophenol	<0.19		0.19	0.066	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
2-Methylnaphthalene	<0.078		0.078	0.0071	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
2-Methylphenol	<0.19		0.19	0.062	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
2-Nitroaniline	<0.19		0.19	0.052	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
2-Nitrophenol	<0.38		0.38	0.091	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
3 & 4 Methylphenol	<0.19		0.19	0.064	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.054	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
4,6-Dinitro-2-methylphenol	<0.78		0.78	0.31	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.051	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
4-Chloroaniline	<0.78		0.78	0.18	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
4-Nitrophenol	<0.78		0.78	0.37	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Acenaphthene	<0.038		0.038	0.0069	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Acenaphthylene	<0.038		0.038	0.0051	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Anthracene	<0.038		0.038	0.0064	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Benzo[a]anthracene	0.016	J	0.038	0.0052	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Benzo[a]pyrene	0.031	J	0.038	0.0075	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Benzo[b]fluoranthene	0.044		0.038	0.0083	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Benzo[g,h,i]perylene	0.012	J	0.038	0.012	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Benzo[k]fluoranthene	<0.038		0.038	0.011	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.058	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.071	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Butyl benzyl phthalate	<0.19		0.19	0.073	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Carbazole	<0.19		0.19	0.096	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Chrysene	0.020	J	0.038	0.011	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Dibenz(a,h)anthracene	<0.038		0.038	0.0075	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Diethyl phthalate	<0.19		0.19	0.065	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Di-n-butyl phthalate	<0.19		0.19	0.059	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Di-n-octyl phthalate	<0.19		0.19	0.063	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Fluoranthene	0.026	J	0.038	0.0072	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Fluorene	<0.038		0.038	0.0054	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Hexachlorobenzene	<0.078		0.078	0.0089	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Hexachlorobutadiene	<0.19		0.19	0.061	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Hexachlorocyclopentadiene	<0.78		0.78	0.22	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Hexachloroethane	<0.19		0.19	0.059	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: R8-2(0-3)-062920

Lab Sample ID: 500-184238-2

Date Collected: 06/29/20 10:10

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 83.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.031	J	0.038	0.010	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Naphthalene	<0.038		0.038	0.0059	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Nitrobenzene	<0.038		0.038	0.0096	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
N-Nitrosodi-n-propylamine	<0.078		0.078	0.047	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
N-Nitrosodiphenylamine	<0.19		0.19	0.046	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Pentachlorophenol	<0.78		0.78	0.62	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Phenanthrene	0.013	J	0.038	0.0054	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Phenol	<0.19		0.19	0.086	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Pyrene	0.036	J	0.038	0.0077	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	56		31 - 143				07/07/20 08:43	07/07/20 23:20	1
2-Fluorobiphenyl	85		43 - 145				07/07/20 08:43	07/07/20 23:20	1
2-Fluorophenol	86		31 - 166				07/07/20 08:43	07/07/20 23:20	1
Nitrobenzene-d5	75		37 - 147				07/07/20 08:43	07/07/20 23:20	1
Phenol-d5	89		30 - 153				07/07/20 08:43	07/07/20 23:20	1
Terphenyl-d14	105		42 - 157				07/07/20 08:43	07/07/20 23:20	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/09/20 06:16	07/09/20 19:47	1
Barium	0.37	J	0.50	0.050	mg/L		07/09/20 06:16	07/09/20 19:47	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/09/20 06:16	07/09/20 19:47	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 06:16	07/09/20 19:47	1
Chromium	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:47	1
Cobalt	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:47	1
Copper	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:47	1
Iron	0.48		0.40	0.20	mg/L		07/09/20 06:16	07/09/20 19:47	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/09/20 06:16	07/09/20 19:47	1
Manganese	0.33		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:47	1
Nickel	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:47	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 06:16	07/09/20 19:47	1
Silver	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:47	1
Zinc	<0.50		0.50	0.020	mg/L		07/09/20 06:16	07/09/20 19:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.11		0.050	0.010	mg/L		07/09/20 06:13	07/09/20 20:03	1
Barium	0.58		0.50	0.050	mg/L		07/09/20 06:13	07/09/20 20:03	1
Beryllium	0.0099		0.0040	0.0040	mg/L		07/09/20 06:13	07/09/20 20:03	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 06:13	07/09/20 20:03	1
Chromium	0.19		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 20:03	1
Cobalt	0.060		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 20:03	1
Copper	0.25		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 20:03	1
Iron	210		0.40	0.20	mg/L		07/09/20 06:13	07/09/20 20:03	1
Lead	0.12		0.0075	0.0075	mg/L		07/09/20 06:13	07/09/20 20:03	1
Manganese	0.79		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 20:03	1
Nickel	0.26		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 20:03	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 06:13	07/09/20 20:03	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: R8-2(0-3)-062920

Lab Sample ID: 500-184238-2

Date Collected: 06/29/20 10:10

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 83.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 20:03	1
Zinc	0.56		0.50	0.020	mg/L		07/09/20 06:13	07/09/20 20:03	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.1	J	1.2	0.22	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Arsenic	11		0.58	0.20	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Barium	55		0.58	0.066	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Beryllium	0.94		0.23	0.054	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Cadmium	0.13		0.12	0.021	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Calcium	23000	B	12	2.0	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Chromium	22		0.58	0.29	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Cobalt	17		0.29	0.076	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Copper	32		0.58	0.16	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Iron	23000	B	12	6.0	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Lead	26		0.29	0.13	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Magnesium	13000		5.8	2.9	mg/Kg	☼	07/06/20 17:00	07/07/20 21:43	1
Manganese	400		0.58	0.084	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Nickel	44		0.58	0.17	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Potassium	3200		29	10	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Selenium	0.52	J	0.58	0.34	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Silver	<0.29		0.29	0.075	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Sodium	1800		58	8.6	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Thallium	<0.58		0.58	0.29	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Vanadium	31		0.29	0.068	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Zinc	76		1.2	0.51	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1

Method: 7470A - Mercury (CVAA) - TCLP

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0010		0.0010	0.0010	mg/L		07/09/20 09:10	07/10/20 08:53	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.13		0.020	0.0065	mg/Kg	☼	07/07/20 13:20	07/08/20 07:15	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.9		0.1	0.1	SU			07/02/20 11:00	1

Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
*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.

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

Glossary

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

Accreditation/Certification Summary

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Laboratory: Eurofins TestAmerica, Chicago

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

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	IL00035	04-30-20 *

Laboratory: Eurofins TestAmerica, Cedar Falls

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

Authority	Program	Identification Number	Expiration Date
AIHA-LAP, LLC	Industrial Hygiene Laboratory Accreditation Program (IHLAP)	101044	11-01-20
Colorado	Petroleum Storage Tank Program	IA100001 (OR)	09-29-20
Georgia	State	IA100001 (OR)	09-29-20
Illinois	NELAP	200024	11-29-20
Iowa	State	007	12-01-21
Kansas	NELAP	E-10341	01-31-21
Minnesota	NELAP	019-999-319	12-31-20
Minnesota (Petrofund)	State	3349	08-22-21
North Dakota	State	R-186	09-30-20
Oregon	NELAP	IA100001	09-29-20
USDA	US Federal Programs	P330-19-00003	01-02-22

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

Address: _____

Regulatory Program: DW NPDES RCRA Other:

TAL-8210

Client Contact		Project Manager: Andris Slesers		Site Contact: T. Oberman		Date: 6/29/20		COC No: _____	
Company Name: Weston		Tel/Email: _____		Lab Contact: D. Wright		Carrier: _____		1 of 2 COCs	
Address: 300 Plaza Cr		Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below <input type="checkbox"/> 2 weeks Standard <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day							
City/State/Zip: Mundelein, IL 60060									
Phone: 224-864-7201									
Fax: _____									
Project Name: Lombard - 012									
Site: _____		Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)		Matrix	
P O # _____		Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)		Matrix	
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)		Matrix	
1	R8-1 (0-3)-062920		6/29/20	1000	Gr	S	6		
2	R8-2 (0-3)-062920		6/29/20	1010		S	6		
3	BA-1 (0-4)-062920		6/29/20	1035		S	6		
4	BA-1 (4-8)-062920		6/29/20	1040		S	6		
5	BA-2 (0-4)-062920		6/29/20	1105		S	6		
6	BA-2 (4-8)-062920		6/29/20	1110		S	6		
7	GW-2 (0-5)-062920			1130		S	6		
8	GW-2 (5-10)-062920			1140		S	6		
9	GW-2 (5-10)-062920 D			1140		S	6		
10	GW-2 (10-15)-062920			1150		S	6		
11	GW-2 (15-20)-062920			1200		S	6		
12	GW-2 (20-25)-062920			1210		S	6		
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other		Filtered Sample (Y/N) Perform MS / MSD (Y/N) VOCs SVOCs Total Metals TCLP/SPLP Metals PH X X X X X ↓ ↓ ↓ ↓ ↓							
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)							
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown		<input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months							
Special Instructions/QC Requirements & Comments:									
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temp. (°C) Obs'd: 5.8, 5.3		Corr'd:		Therm ID No.:	
Relinquished by: T. Oberman		Company: Weston		Date/Time: 6/29/20 1500		Received by: Mr. [Signature]		Company: TA	
Relinquished by: [Signature]		Company: TA		Date/Time: 6/30/20 0845		Received by: [Signature]		Company: TA	
Relinquished by: [Signature]		Company: TA		Date/Time: 6/30/20 0950		Received in Laboratory by: [Signature]		Company: TA-CHI	



ANALYTICAL REPORT

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

Laboratory Job ID: 500-184238-1

Client Project/Site: IDOT - Lombard - WO 012

For:

Weston Solutions, Inc.
300 Plaza Circle, Suite 202
Mundelein, Illinois 60060

Attn: Mr. Andris Slesers



Authorized for release by:
7/10/2020 1:59:13 PM

Richard Wright, Senior Project Manager
(708)746-0045
Richard.Wright@Eurofinset.com

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

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

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: BA-1(0-4)-062920

Lab Sample ID: 500-184238-3

Date Collected: 06/29/20 10:35

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 80.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.0017		0.0017	0.00058	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00055	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00074	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
1,1-Dichloroethane	<0.0017		0.0017	0.00059	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
1,1-Dichloroethene	<0.0017		0.0017	0.00059	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
1,2-Dichloroethane	<0.0043		0.0043	0.0013	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
1,2-Dichloropropane	<0.0017		0.0017	0.00045	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00061	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
2-Hexanone	<0.0043		0.0043	0.0013	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
Acetone	0.016	J	0.017	0.0075	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
Benzene	<0.0017		0.0017	0.00044	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
Bromodichloromethane	<0.0017		0.0017	0.00035	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
Bromoform	<0.0017		0.0017	0.00050	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
Bromomethane	<0.0043		0.0043	0.0016	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
Carbon disulfide	<0.0043		0.0043	0.00090	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
Carbon tetrachloride	<0.0017		0.0017	0.00050	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
Chlorobenzene	<0.0017		0.0017	0.00064	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
Chloroethane	<0.0043		0.0043	0.0013	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
Chloroform	<0.0017		0.0017	0.00060	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
Chloromethane	<0.0043		0.0043	0.0017	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00048	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00052	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
Dibromochloromethane	<0.0017		0.0017	0.00057	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
Ethylbenzene	<0.0017		0.0017	0.00083	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
Methyl Ethyl Ketone	<0.0043		0.0043	0.0019	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
methyl isobutyl ketone	<0.0043		0.0043	0.0013	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00051	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
Methylene Chloride	<0.0043		0.0043	0.0017	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
Styrene	<0.0017		0.0017	0.00052	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
Tetrachloroethene	<0.0017		0.0017	0.00059	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
Toluene	<0.0017		0.0017	0.00044	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00077	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00061	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
Trichloroethene	<0.0017		0.0017	0.00058	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
Vinyl chloride	<0.0017		0.0017	0.00076	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1
Xylenes, Total	<0.0035		0.0035	0.00055	mg/Kg	☼	06/30/20 17:51	07/01/20 16:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		70 - 134	06/30/20 17:51	07/01/20 16:36	1
4-Bromofluorobenzene (Surr)	113		75 - 131	06/30/20 17:51	07/01/20 16:36	1
Dibromofluoromethane	99		75 - 126	06/30/20 17:51	07/01/20 16:36	1
Toluene-d8 (Surr)	98		75 - 124	06/30/20 17:51	07/01/20 16:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.21		0.21	0.044	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
1,2-Dichlorobenzene	<0.21		0.21	0.049	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
1,3-Dichlorobenzene	<0.21		0.21	0.046	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
1,4-Dichlorobenzene	<0.21		0.21	0.053	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
2,2'-oxybis[1-chloropropane]	<0.21		0.21	0.048	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: BA-1(0-4)-062920

Lab Sample ID: 500-184238-3

Date Collected: 06/29/20 10:35

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 80.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.41		0.41	0.094	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
2,4,6-Trichlorophenol	<0.41		0.41	0.14	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
2,4-Dichlorophenol	<0.41		0.41	0.098	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
2,4-Dimethylphenol	<0.41		0.41	0.16	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
2,4-Dinitrophenol	<0.83		0.83	0.72	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
2,4-Dinitrotoluene	<0.21		0.21	0.065	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
2,6-Dinitrotoluene	<0.21		0.21	0.081	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
2-Chloronaphthalene	<0.21		0.21	0.045	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
2-Chlorophenol	<0.21		0.21	0.070	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
2-Methylnaphthalene	<0.083		0.083	0.0076	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
2-Methylphenol	<0.21		0.21	0.066	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
2-Nitroaniline	<0.21		0.21	0.055	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
2-Nitrophenol	<0.41		0.41	0.097	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
3 & 4 Methylphenol	<0.21		0.21	0.068	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
3,3'-Dichlorobenzidine	<0.21		0.21	0.057	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
3-Nitroaniline	<0.41		0.41	0.13	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
4,6-Dinitro-2-methylphenol	<0.83		0.83	0.33	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
4-Bromophenyl phenyl ether	<0.21		0.21	0.054	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
4-Chloro-3-methylphenol	<0.41		0.41	0.14	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
4-Chloroaniline	<0.83		0.83	0.19	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
4-Chlorophenyl phenyl ether	<0.21		0.21	0.048	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
4-Nitroaniline	<0.41		0.41	0.17	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
4-Nitrophenol	<0.83		0.83	0.39	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Acenaphthene	<0.041		0.041	0.0074	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Acenaphthylene	<0.041		0.041	0.0054	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Anthracene	<0.041		0.041	0.0069	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Benzo[a]anthracene	<0.041		0.041	0.0055	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Benzo[a]pyrene	0.021	J	0.041	0.0079	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Benzo[b]fluoranthene	0.024	J	0.041	0.0089	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Benzo[g,h,i]perylene	<0.041		0.041	0.013	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Benzo[k]fluoranthene	<0.041		0.041	0.012	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Bis(2-chloroethoxy)methane	<0.21		0.21	0.042	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Bis(2-chloroethyl)ether	<0.21		0.21	0.062	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Bis(2-ethylhexyl) phthalate	<0.21		0.21	0.075	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Butyl benzyl phthalate	<0.21		0.21	0.078	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Carbazole	<0.21		0.21	0.10	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Chrysene	<0.041		0.041	0.011	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Dibenz(a,h)anthracene	<0.041		0.041	0.0079	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Dibenzofuran	<0.21		0.21	0.048	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Diethyl phthalate	<0.21		0.21	0.070	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Dimethyl phthalate	<0.21		0.21	0.054	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Di-n-butyl phthalate	<0.21		0.21	0.063	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Di-n-octyl phthalate	<0.21		0.21	0.067	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Fluoranthene	<0.041		0.041	0.0076	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Fluorene	<0.041		0.041	0.0058	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Hexachlorobenzene	<0.083		0.083	0.0095	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Hexachlorobutadiene	<0.21		0.21	0.065	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Hexachlorocyclopentadiene	<0.83		0.83	0.24	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Hexachloroethane	<0.21		0.21	0.062	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: BA-1(0-4)-062920

Lab Sample ID: 500-184238-3

Date Collected: 06/29/20 10:35

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 80.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.025	J	0.041	0.011	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Isophorone	<0.21		0.21	0.046	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Naphthalene	<0.041		0.041	0.0063	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Nitrobenzene	<0.041		0.041	0.010	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
N-Nitrosodi-n-propylamine	<0.083		0.083	0.050	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
N-Nitrosodiphenylamine	<0.21		0.21	0.048	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Pentachlorophenol	<0.83		0.83	0.66	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Phenanthrene	<0.041		0.041	0.0057	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Phenol	<0.21		0.21	0.091	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Pyrene	<0.041		0.041	0.0082	mg/Kg	☼	07/07/20 08:43	07/07/20 23:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>2,4,6-Tribromophenol</i>	56		31 - 143				07/07/20 08:43	07/07/20 23:46	1
<i>2-Fluorobiphenyl</i>	54		43 - 145				07/07/20 08:43	07/07/20 23:46	1
<i>2-Fluorophenol</i>	58		31 - 166				07/07/20 08:43	07/07/20 23:46	1
<i>Nitrobenzene-d5</i>	47		37 - 147				07/07/20 08:43	07/07/20 23:46	1
<i>Phenol-d5</i>	63		30 - 153				07/07/20 08:43	07/07/20 23:46	1
<i>Terphenyl-d14</i>	106		42 - 157				07/07/20 08:43	07/07/20 23:46	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/09/20 06:16	07/09/20 19:50	1
Barium	0.37	J	0.50	0.050	mg/L		07/09/20 06:16	07/09/20 19:50	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/09/20 06:16	07/09/20 19:50	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 06:16	07/09/20 19:50	1
Chromium	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:50	1
Cobalt	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:50	1
Copper	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:50	1
Iron	<0.40		0.40	0.20	mg/L		07/09/20 06:16	07/09/20 19:50	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/09/20 06:16	07/09/20 19:50	1
Manganese	0.66		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:50	1
Nickel	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:50	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 06:16	07/09/20 19:50	1
Silver	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:50	1
Zinc	0.049	J	0.50	0.020	mg/L		07/09/20 06:16	07/09/20 19:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.11		0.050	0.010	mg/L		07/09/20 06:13	07/09/20 20:06	1
Barium	0.68		0.50	0.050	mg/L		07/09/20 06:13	07/09/20 20:06	1
Beryllium	0.011		0.0040	0.0040	mg/L		07/09/20 06:13	07/09/20 20:06	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 06:13	07/09/20 20:06	1
Chromium	0.23		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 20:06	1
Cobalt	0.079		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 20:06	1
Copper	0.27		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 20:06	1
Iron	250		0.40	0.20	mg/L		07/09/20 06:13	07/09/20 20:06	1
Lead	0.14		0.0075	0.0075	mg/L		07/09/20 06:13	07/09/20 20:06	1
Manganese	1.2		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 20:06	1
Nickel	0.32		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 20:06	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 06:13	07/09/20 20:06	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: BA-1(0-4)-062920

Lab Sample ID: 500-184238-3

Date Collected: 06/29/20 10:35

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 80.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 20:06	1
Zinc	0.63		0.50	0.020	mg/L		07/09/20 06:13	07/09/20 20:06	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.2		1.2	0.24	mg/Kg	☼	07/06/20 17:00	07/07/20 11:44	1
Arsenic	11		0.61	0.21	mg/Kg	☼	07/06/20 17:00	07/07/20 11:44	1
Barium	66		0.61	0.070	mg/Kg	☼	07/06/20 17:00	07/07/20 11:44	1
Beryllium	0.99		0.24	0.057	mg/Kg	☼	07/06/20 17:00	07/07/20 11:44	1
Cadmium	0.078	J	0.12	0.022	mg/Kg	☼	07/06/20 17:00	07/07/20 11:44	1
Calcium	13000	B	12	2.1	mg/Kg	☼	07/06/20 17:00	07/07/20 11:44	1
Chromium	24		0.61	0.30	mg/Kg	☼	07/06/20 17:00	07/07/20 11:44	1
Cobalt	16		0.31	0.080	mg/Kg	☼	07/06/20 17:00	07/07/20 11:44	1
Copper	28		0.61	0.17	mg/Kg	☼	07/06/20 17:00	07/07/20 11:44	1
Iron	25000	B	12	6.4	mg/Kg	☼	07/06/20 17:00	07/07/20 11:44	1
Lead	27		0.31	0.14	mg/Kg	☼	07/06/20 17:00	07/07/20 11:44	1
Magnesium	10000		6.1	3.0	mg/Kg	☼	07/06/20 17:00	07/07/20 21:47	1
Manganese	500		0.61	0.089	mg/Kg	☼	07/06/20 17:00	07/07/20 11:44	1
Nickel	41		0.61	0.18	mg/Kg	☼	07/06/20 17:00	07/07/20 11:44	1
Potassium	3000		31	11	mg/Kg	☼	07/06/20 17:00	07/07/20 11:44	1
Selenium	0.65		0.61	0.36	mg/Kg	☼	07/06/20 17:00	07/07/20 11:44	1
Silver	<0.31		0.31	0.079	mg/Kg	☼	07/06/20 17:00	07/07/20 11:44	1
Sodium	2100		61	9.0	mg/Kg	☼	07/06/20 17:00	07/07/20 11:44	1
Thallium	<0.61		0.61	0.31	mg/Kg	☼	07/06/20 17:00	07/07/20 11:44	1
Vanadium	33		0.31	0.072	mg/Kg	☼	07/06/20 17:00	07/07/20 11:44	1
Zinc	73		1.2	0.54	mg/Kg	☼	07/06/20 17:00	07/07/20 11:44	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/20 09:10	07/10/20 07:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0010		0.0010	0.0010	mg/L		07/09/20 09:10	07/10/20 08:55	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.15		0.019	0.0063	mg/Kg	☼	07/07/20 13:20	07/08/20 07:18	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.6		0.1	0.1	SU			07/02/20 11:01	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: BA-2(0-4)-062920

Lab Sample ID: 500-184238-5

Date Collected: 06/29/20 11:05

Matrix: Solid

Date Received: 06/30/20 09:59

Percent Solids: 83.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.0018		0.0018	0.00060	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00057	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00077	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
1,1-Dichloroethane	<0.0018		0.0018	0.00061	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
1,1-Dichloroethene	<0.0018		0.0018	0.00061	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
1,2-Dichloroethane	<0.0045		0.0045	0.0014	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
1,2-Dichloropropane	<0.0018		0.0018	0.00046	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00063	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
2-Hexanone	<0.0045		0.0045	0.0014	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
Acetone	<0.018		0.018	0.0078	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
Benzene	<0.0018		0.0018	0.00045	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
Bromodichloromethane	<0.0018		0.0018	0.00036	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
Bromoform	<0.0018		0.0018	0.00052	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
Bromomethane	<0.0045		0.0045	0.0017	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
Carbon disulfide	<0.0045		0.0045	0.00093	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
Carbon tetrachloride	<0.0018		0.0018	0.00052	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
Chlorobenzene	<0.0018		0.0018	0.00066	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
Chloroethane	<0.0045		0.0045	0.0013	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
Chloroform	<0.0018		0.0018	0.00062	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
Chloromethane	<0.0045		0.0045	0.0018	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00050	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00054	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
Dibromochloromethane	<0.0018		0.0018	0.00058	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
Ethylbenzene	<0.0018		0.0018	0.00085	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
Methyl Ethyl Ketone	<0.0045		0.0045	0.0020	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
methyl isobutyl ketone	<0.0045		0.0045	0.0013	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00052	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
Methylene Chloride	<0.0045		0.0045	0.0018	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
Styrene	<0.0018		0.0018	0.00054	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
Tetrachloroethene	<0.0018		0.0018	0.00061	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
Toluene	<0.0018		0.0018	0.00045	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00079	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00063	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
Trichloroethene	<0.0018		0.0018	0.00060	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
Vinyl chloride	<0.0018		0.0018	0.00079	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1
Xylenes, Total	<0.0036		0.0036	0.00057	mg/Kg	☼	06/30/20 17:51	07/01/20 16:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		70 - 134	06/30/20 17:51	07/01/20 16:10	1
4-Bromofluorobenzene (Surr)	113		75 - 131	06/30/20 17:51	07/01/20 16:10	1
Dibromofluoromethane	98		75 - 126	06/30/20 17:51	07/01/20 16:10	1
Toluene-d8 (Surr)	99		75 - 124	06/30/20 17:51	07/01/20 16:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.042	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
1,4-Dichlorobenzene	<0.20		0.20	0.050	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.045	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: BA-2(0-4)-062920

Lab Sample ID: 500-184238-5

Date Collected: 06/29/20 11:05

Matrix: Solid

Date Received: 06/30/20 09:59

Percent Solids: 83.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.089	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
2,4,6-Trichlorophenol	<0.39		0.39	0.13	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
2,4-Dichlorophenol	<0.39		0.39	0.093	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
2,4-Dinitrophenol	<0.79		0.79	0.69	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
2,4-Dinitrotoluene	<0.20		0.20	0.062	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
2,6-Dinitrotoluene	<0.20		0.20	0.077	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
2-Chloronaphthalene	<0.20		0.20	0.043	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
2-Chlorophenol	<0.20		0.20	0.067	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
2-Methylnaphthalene	<0.079		0.079	0.0072	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
2-Nitrophenol	<0.39		0.39	0.092	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
3 & 4 Methylphenol	<0.20		0.20	0.065	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.31	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
4-Chloroaniline	<0.79		0.79	0.18	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
4-Nitroaniline	<0.39		0.39	0.16	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
4-Nitrophenol	<0.79		0.79	0.37	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Acenaphthene	<0.039		0.039	0.0070	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Acenaphthylene	0.0080	J	0.039	0.0052	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Anthracene	0.0096	J	0.039	0.0065	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Benzo[a]anthracene	0.075		0.039	0.0053	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Benzo[a]pyrene	0.094		0.039	0.0076	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Benzo[b]fluoranthene	0.12		0.039	0.0084	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Benzo[g,h,i]perylene	0.047		0.039	0.013	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Benzo[k]fluoranthene	0.035	J	0.039	0.012	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.071	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Butyl benzyl phthalate	<0.20		0.20	0.074	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Carbazole	<0.20		0.20	0.098	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Chrysene	0.087		0.039	0.011	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Dibenz(a,h)anthracene	0.038	J	0.039	0.0076	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Diethyl phthalate	<0.20		0.20	0.066	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Dimethyl phthalate	<0.20		0.20	0.051	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Fluoranthene	0.11		0.039	0.0072	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Fluorene	<0.039		0.039	0.0055	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Hexachlorobenzene	<0.079		0.079	0.0091	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Hexachlorobutadiene	<0.20		0.20	0.061	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Hexachlorocyclopentadiene	<0.79		0.79	0.22	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Hexachloroethane	<0.20		0.20	0.059	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: BA-2(0-4)-062920

Lab Sample ID: 500-184238-5

Date Collected: 06/29/20 11:05

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 83.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.056		0.039	0.010	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Naphthalene	<0.039		0.039	0.0060	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Nitrobenzene	<0.039		0.039	0.0098	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.048	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
N-Nitrosodiphenylamine	<0.20		0.20	0.046	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Pentachlorophenol	<0.79		0.79	0.63	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Phenanthrene	0.042		0.039	0.0054	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Phenol	<0.20		0.20	0.087	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Pyrene	0.15		0.039	0.0078	mg/Kg	☼	07/07/20 08:43	07/08/20 00:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	57		31 - 143				07/07/20 08:43	07/08/20 00:36	1
2-Fluorobiphenyl	78		43 - 145				07/07/20 08:43	07/08/20 00:36	1
2-Fluorophenol	79		31 - 166				07/07/20 08:43	07/08/20 00:36	1
Nitrobenzene-d5	67		37 - 147				07/07/20 08:43	07/08/20 00:36	1
Phenol-d5	85		30 - 153				07/07/20 08:43	07/08/20 00:36	1
Terphenyl-d14	105		42 - 157				07/07/20 08:43	07/08/20 00:36	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/09/20 06:16	07/09/20 19:56	1
Barium	0.46	J	0.50	0.050	mg/L		07/09/20 06:16	07/09/20 19:56	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/09/20 06:16	07/09/20 19:56	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 06:16	07/09/20 19:56	1
Chromium	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:56	1
Cobalt	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:56	1
Copper	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:56	1
Iron	<0.40		0.40	0.20	mg/L		07/09/20 06:16	07/09/20 19:56	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/09/20 06:16	07/09/20 19:56	1
Manganese	0.31		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:56	1
Nickel	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:56	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 06:16	07/09/20 19:56	1
Silver	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:56	1
Zinc	0.037	J	0.50	0.020	mg/L		07/09/20 06:16	07/09/20 19:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.12		0.050	0.010	mg/L		07/09/20 06:13	07/09/20 20:14	1
Barium	0.83		0.50	0.050	mg/L		07/09/20 06:13	07/09/20 20:14	1
Beryllium	0.012		0.0040	0.0040	mg/L		07/09/20 06:13	07/09/20 20:14	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 06:13	07/09/20 20:14	1
Chromium	0.24		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 20:14	1
Cobalt	0.072		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 20:14	1
Copper	0.30		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 20:14	1
Iron	260		0.40	0.20	mg/L		07/09/20 06:13	07/09/20 20:14	1
Lead	0.21		0.0075	0.0075	mg/L		07/09/20 06:13	07/09/20 20:14	1
Manganese	0.96		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 20:14	1
Nickel	0.33		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 20:14	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 06:13	07/09/20 20:14	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: BA-2(0-4)-062920

Lab Sample ID: 500-184238-5

Date Collected: 06/29/20 11:05

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 83.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 20:14	1
Zinc	0.74		0.50	0.020	mg/L		07/09/20 06:13	07/09/20 20:14	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.1	J	1.2	0.23	mg/Kg	☼	07/06/20 17:00	07/07/20 11:52	1
Arsenic	9.1		0.59	0.20	mg/Kg	☼	07/06/20 17:00	07/07/20 11:52	1
Barium	78		0.59	0.067	mg/Kg	☼	07/06/20 17:00	07/07/20 11:52	1
Beryllium	0.89		0.24	0.055	mg/Kg	☼	07/06/20 17:00	07/07/20 11:52	1
Cadmium	0.14		0.12	0.021	mg/Kg	☼	07/06/20 17:00	07/07/20 11:52	1
Calcium	34000	B	12	2.0	mg/Kg	☼	07/06/20 17:00	07/07/20 11:52	1
Chromium	22		0.59	0.29	mg/Kg	☼	07/06/20 17:00	07/07/20 11:52	1
Cobalt	16		0.29	0.077	mg/Kg	☼	07/06/20 17:00	07/07/20 11:52	1
Copper	25		0.59	0.16	mg/Kg	☼	07/06/20 17:00	07/07/20 11:52	1
Iron	21000	B	12	6.1	mg/Kg	☼	07/06/20 17:00	07/07/20 11:52	1
Lead	37		0.29	0.14	mg/Kg	☼	07/06/20 17:00	07/07/20 11:52	1
Magnesium	21000		5.9	2.9	mg/Kg	☼	07/06/20 17:00	07/07/20 22:03	1
Manganese	350		0.59	0.085	mg/Kg	☼	07/06/20 17:00	07/07/20 11:52	1
Nickel	40		0.59	0.17	mg/Kg	☼	07/06/20 17:00	07/07/20 11:52	1
Potassium	3400		29	10	mg/Kg	☼	07/06/20 17:00	07/07/20 11:52	1
Selenium	0.41	J	0.59	0.35	mg/Kg	☼	07/06/20 17:00	07/07/20 11:52	1
Silver	<0.29		0.29	0.076	mg/Kg	☼	07/06/20 17:00	07/07/20 11:52	1
Sodium	2400		59	8.7	mg/Kg	☼	07/06/20 17:00	07/07/20 11:52	1
Thallium	<0.59		0.59	0.29	mg/Kg	☼	07/06/20 17:00	07/07/20 11:52	1
Vanadium	29		0.29	0.069	mg/Kg	☼	07/06/20 17:00	07/07/20 11:52	1
Zinc	78		1.2	0.52	mg/Kg	☼	07/06/20 17:00	07/07/20 11:52	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/20 09:10	07/10/20 07:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0010		0.0010	0.0010	mg/L		07/09/20 09:10	07/10/20 08:58	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.092		0.017	0.0057	mg/Kg	☼	07/07/20 13:20	07/08/20 07:22	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.7		0.1	0.1	SU			07/02/20 11:05	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: GW-1(0-5)-063020

Lab Sample ID: 500-184283-10

Date Collected: 06/30/20 10:00

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 81.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.0022		0.0022	0.00072	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
1,1,2,2-Tetrachloroethane	<0.0022		0.0022	0.00069	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
1,1,2-Trichloroethane	<0.0022		0.0022	0.00092	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
1,1-Dichloroethane	<0.0022		0.0022	0.00074	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
1,1-Dichloroethene	<0.0022		0.0022	0.00074	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
1,2-Dichloroethane	<0.0054		0.0054	0.0017	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
1,2-Dichloropropane	<0.0022		0.0022	0.00056	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
1,3-Dichloropropene, Total	<0.0022		0.0022	0.00076	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
2-Hexanone	<0.0054		0.0054	0.0017	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Acetone	<0.022		0.022	0.0094	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Benzene	<0.0022		0.0022	0.00055	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Bromodichloromethane	<0.0022		0.0022	0.00044	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Bromoform	<0.0022		0.0022	0.00063	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Bromomethane	<0.0054 *		0.0054	0.0020	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Carbon disulfide	<0.0054		0.0054	0.0011	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Carbon tetrachloride	<0.0022		0.0022	0.00062	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Chlorobenzene	<0.0022		0.0022	0.00079	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Chloroethane	<0.0054 *		0.0054	0.0016	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Chloroform	<0.0022		0.0022	0.00075	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Chloromethane	<0.0054		0.0054	0.0022	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
cis-1,2-Dichloroethene	<0.0022		0.0022	0.00060	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
cis-1,3-Dichloropropene	<0.0022		0.0022	0.00065	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Dibromochloromethane	<0.0022		0.0022	0.00070	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Ethylbenzene	<0.0022		0.0022	0.0010	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Methyl Ethyl Ketone	<0.0054		0.0054	0.0024	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
methyl isobutyl ketone	<0.0054		0.0054	0.0016	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Methyl tert-butyl ether	<0.0022		0.0022	0.00063	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Methylene Chloride	0.0054		0.0054	0.0021	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Styrene	<0.0022		0.0022	0.00065	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Tetrachloroethene	<0.0022		0.0022	0.00073	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Toluene	<0.0022		0.0022	0.00054	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
trans-1,2-Dichloroethene	<0.0022		0.0022	0.00095	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
trans-1,3-Dichloropropene	<0.0022		0.0022	0.00076	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Trichloroethene	<0.0022		0.0022	0.00073	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Vinyl chloride	<0.0022		0.0022	0.00095	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1
Xylenes, Total	<0.0043		0.0043	0.00069	mg/Kg	☼	06/30/20 17:51	07/02/20 14:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	82		70 - 134	06/30/20 17:51	07/02/20 14:52	1
4-Bromofluorobenzene (Surr)	97		75 - 131	06/30/20 17:51	07/02/20 14:52	1
Dibromofluoromethane	96		75 - 126	06/30/20 17:51	07/02/20 14:52	1
Toluene-d8 (Surr)	89		75 - 124	06/30/20 17:51	07/02/20 14:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
1,2-Dichlorobenzene	<0.20		0.20	0.048	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
1,3-Dichlorobenzene	<0.20		0.20	0.046	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
1,4-Dichlorobenzene	<0.20		0.20	0.052	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.047	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: GW-1(0-5)-063020

Lab Sample ID: 500-184283-10

Date Collected: 06/30/20 10:00

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 81.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.40		0.40	0.093	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
2,4,6-Trichlorophenol	<0.40		0.40	0.14	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
2,4-Dichlorophenol	<0.40		0.40	0.096	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
2,4-Dimethylphenol	<0.40		0.40	0.15	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
2,4-Dinitrophenol	<0.82		0.82	0.71	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
2,4-Dinitrotoluene	<0.20		0.20	0.064	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
2,6-Dinitrotoluene	<0.20		0.20	0.080	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
2-Chloronaphthalene	<0.20		0.20	0.045	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
2-Chlorophenol	<0.20		0.20	0.069	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
2-Methylnaphthalene	<0.082		0.082	0.0075	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
2-Methylphenol	<0.20		0.20	0.065	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
2-Nitroaniline	<0.20		0.20	0.055	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
2-Nitrophenol	<0.40		0.40	0.096	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
3 & 4 Methylphenol	<0.20		0.20	0.068	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.057	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
3-Nitroaniline	<0.40		0.40	0.13	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
4,6-Dinitro-2-methylphenol	<0.82		0.82	0.33	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.053	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
4-Chloro-3-methylphenol	<0.40		0.40	0.14	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
4-Chloroaniline	<0.82		0.82	0.19	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.047	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
4-Nitroaniline	<0.40		0.40	0.17	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
4-Nitrophenol	<0.82		0.82	0.39	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Acenaphthene	<0.040		0.040	0.0073	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Acenaphthylene	<0.040		0.040	0.0053	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Anthracene	<0.040		0.040	0.0068	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Benzo[a]anthracene	0.012	J	0.040	0.0055	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Benzo[a]pyrene	0.015	J	0.040	0.0078	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Benzo[b]fluoranthene	0.019	J	0.040	0.0088	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Benzo[g,h,i]perylene	0.015	J	0.040	0.013	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Benzo[k]fluoranthene	<0.040		0.040	0.012	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.041	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.061	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.074	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Butyl benzyl phthalate	<0.20		0.20	0.077	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Carbazole	<0.20		0.20	0.10	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Chrysene	0.014	J	0.040	0.011	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Dibenz(a,h)anthracene	<0.040		0.040	0.0078	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Dibenzofuran	<0.20		0.20	0.047	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Diethyl phthalate	<0.20		0.20	0.069	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Dimethyl phthalate	<0.20		0.20	0.053	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Di-n-butyl phthalate	<0.20		0.20	0.062	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Di-n-octyl phthalate	<0.20		0.20	0.066	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Fluoranthene	0.020	J	0.040	0.0075	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Fluorene	<0.040		0.040	0.0057	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Hexachlorobenzene	<0.082		0.082	0.0094	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Hexachlorobutadiene	<0.20		0.20	0.064	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Hexachlorocyclopentadiene	<0.82		0.82	0.23	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Hexachloroethane	<0.20		0.20	0.062	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1

Euofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: GW-1(0-5)-063020

Lab Sample ID: 500-184283-10

Date Collected: 06/30/20 10:00

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 81.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.011	J	0.040	0.011	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Isophorone	<0.20		0.20	0.046	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Naphthalene	<0.040		0.040	0.0062	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Nitrobenzene	<0.040		0.040	0.010	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
N-Nitrosodi-n-propylamine	<0.082	*	0.082	0.050	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
N-Nitrosodiphenylamine	<0.20	*	0.20	0.048	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Pentachlorophenol	<0.82		0.82	0.65	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Phenanthrene	0.0098	J	0.040	0.0057	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Phenol	<0.20		0.20	0.090	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Pyrene	0.021	J	0.040	0.0081	mg/Kg	☼	07/08/20 07:25	07/09/20 05:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>2,4,6-Tribromophenol</i>	61		31 - 143				07/08/20 07:25	07/09/20 05:10	1
<i>2-Fluorobiphenyl</i>	65		43 - 145				07/08/20 07:25	07/09/20 05:10	1
<i>2-Fluorophenol</i>	66		31 - 166				07/08/20 07:25	07/09/20 05:10	1
<i>Nitrobenzene-d5</i>	59		37 - 147				07/08/20 07:25	07/09/20 05:10	1
<i>Phenol-d5</i>	68		30 - 153				07/08/20 07:25	07/09/20 05:10	1
<i>Terphenyl-d14</i>	99		42 - 157				07/08/20 07:25	07/09/20 05:10	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/09/20 17:11	07/09/20 23:36	1
Barium	0.51		0.50	0.050	mg/L		07/09/20 17:11	07/09/20 23:36	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/09/20 17:11	07/09/20 23:36	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 17:11	07/09/20 23:36	1
Chromium	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:36	1
Cobalt	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:36	1
Copper	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:36	1
Iron	<0.40		0.40	0.20	mg/L		07/09/20 17:11	07/09/20 23:36	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/09/20 17:11	07/09/20 23:36	1
Manganese	0.46		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:36	1
Nickel	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:36	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 17:11	07/09/20 23:36	1
Silver	<0.025		0.025	0.010	mg/L		07/09/20 17:11	07/09/20 23:36	1
Zinc	0.083	J	0.50	0.020	mg/L		07/09/20 17:11	07/09/20 23:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.13		0.050	0.010	mg/L		07/09/20 17:10	07/10/20 00:30	1
Barium	0.80		0.50	0.050	mg/L		07/09/20 17:10	07/10/20 00:30	1
Beryllium	0.012		0.0040	0.0040	mg/L		07/09/20 17:10	07/10/20 00:30	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 17:10	07/10/20 00:30	1
Chromium	0.24		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:30	1
Cobalt	0.080		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:30	1
Copper	0.31		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:30	1
Iron	270		0.40	0.20	mg/L		07/09/20 17:10	07/10/20 00:30	1
Lead	0.18		0.0075	0.0075	mg/L		07/09/20 17:10	07/10/20 00:30	1
Manganese	1.1		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:30	1
Nickel	0.34		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:30	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 17:10	07/10/20 00:30	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184283-1

Client Sample ID: GW-1(0-5)-063020

Lab Sample ID: 500-184283-10

Date Collected: 06/30/20 10:00

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 81.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		07/09/20 17:10	07/10/20 00:30	1
Zinc	0.79		0.50	0.020	mg/L		07/09/20 17:10	07/10/20 00:30	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.2		1.2	0.24	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Arsenic	10		0.61	0.21	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Barium	62		0.61	0.069	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Beryllium	0.94		0.24	0.057	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Cadmium	0.12		0.12	0.022	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Calcium	25000	B	12	2.1	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Chromium	21		0.61	0.30	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Cobalt	15		0.30	0.080	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Copper	29		0.61	0.17	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Iron	22000		12	6.3	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Lead	27		0.30	0.14	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Magnesium	16000		6.1	3.0	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Manganese	360		0.61	0.088	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Nickel	39		0.61	0.18	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Potassium	3100		30	11	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Selenium	<0.61		0.61	0.36	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Silver	<0.30		0.30	0.078	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Sodium	1700		61	9.0	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Thallium	<0.61		0.61	0.30	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Vanadium	26	B	0.30	0.072	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1
Zinc	73	B	1.2	0.53	mg/Kg	☼	07/07/20 17:08	07/08/20 09:38	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/20 12:40	07/10/20 10:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0010		0.0010	0.0010	mg/L		07/09/20 12:40	07/10/20 11:22	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.022		0.020	0.0066	mg/Kg	☼	07/08/20 01:35	07/09/20 08:29	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	9.0		0.1	0.1	SU			07/02/20 12:59	1

Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
*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.

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

Glossary

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

Accreditation/Certification Summary

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Laboratory: Eurofins TestAmerica, Chicago

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

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	IL00035	04-30-20 *

Laboratory: Eurofins TestAmerica, Cedar Falls

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


Authority	Program	Identification Number	Expiration Date
AIHA-LAP, LLC	Industrial Hygiene Laboratory Accreditation Program (IHLAP)	101044	11-01-20
Colorado	Petroleum Storage Tank Program	IA100001 (OR)	09-29-20
Georgia	State	IA100001 (OR)	09-29-20
Illinois	NELAP	200024	11-29-20
Iowa	State	007	12-01-21
Kansas	NELAP	E-10341	01-31-21
Minnesota	NELAP	019-999-319	12-31-20
Minnesota (Petrofund)	State	3349	08-22-21
North Dakota	State	R-186	09-30-20
Oregon	NELAP	IA100001	09-29-20
USDA	US Federal Programs	P330-19-00003	01-02-22

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

Address: _____

Regulatory Program: DW NPDES RCRA Other:

TAL-8210

Client Contact		Project Manager: Andris Slesers		Site Contact: T. Oberman		Date: 6/29/20		COC No: _____																					
Company Name: Weston		Tel/Email: _____		Lab Contact: D. Wright		Carrier: _____		1 of 2 COCs																					
Address: 300 Plaza Cr		Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below <input type="checkbox"/> 2 weeks Standard <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day																											
City/State/Zip: Mundelein, IL 60060																													
Phone: 224-864-7201																													
Fax: _____																													
Project Name: Lombard - 012																													
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 TCLP/SPLP Metals PH		500-184238 COC 		Sampler: _____ For Lab Use Only: Walk-in Client: _____ Lab Sampling: _____ Job / SDG No.: 520-184238									
P O # _____		Sample Identification																Sample Specific Notes:											
1	R8-1 (0-3)-062920		6/29/20		1000		Gr		S		6																		
2	R8-2 (0-3)-062920		6/29/20		1010				S		6																		
3	BA-1 (0-4)-062920		6/29/20		1035				S		6																		
4	BA-1 (4-8)-062920		6/29/20		1040				S		6																		
5	BA-2 (0-4)-062920		6/29/20		1105				S		6																		
6	BA-2 (4-8)-062920		6/29/20		1110				S		6																		
7	GW-2 (0-5)-062920				1130				S		6																		
8	GW-2 (5-10)-062920				1140				S		6																		
9	GW-2 (5-10)-062920 D				1140				S		6																		
10	GW-2 (10-15)-062920				1150				S		6																		
11	GW-2 (15-20)-062920				1200				S		6																		
12	GW-2 (20-25)-062920				1210				S		6																		
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other										Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)																			
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.										<input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months																			
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown																													
Special Instructions/QC Requirements & Comments:																													
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No					Custody Seal No.: _____					Cooler Temp. (°C) Obs'd: _____					Corr'd: _____					Therm ID No.: _____									
Relinquished by: T. Oberman					Company: Weston					Date/Time: 6/29/20 1500					Received by: [Signature]					Company: TA					Date/Time: 6/29/20 1500				
Relinquished by: [Signature]					Company: TA					Date/Time: 6/30/20 0845					Received by: [Signature]					Company: TA					Date/Time: 6/30/20 0845				
Relinquished by: [Signature]					Company: TA					Date/Time: 6/30/20 0950					Received in Laboratory by: [Signature]					Company: TA-CHI					Date/Time: 6/30/20 0950				





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 870: N Columbine Ave Office Phone Number, if available: _____

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

114 N Columbine Ave (ISGS Site No. 3911-7)

City: Lombard State: IL Zip Code: _____

County: DuPage Township: _____

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

Latitude: 41.89115 Longitude: -88.03308
(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.): 30

II. Owner/Operator Information for Source Site

Site Owner

Name: Illinois Department of Transportation

Street Address: 201 W. Center Court

PO Box: _____

City: Schaumburg State: IL

Zip Code: 60196 Phone: _____

Contact: Irma Romiti-Johnson

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

Site Operator

Name: Illinois Department of Transportation

Street Address: 201 W. Center Court

PO Box: _____

City: Schaumburg State: IL

Zip Code: 60196 Phone: _____

Contact: Irma Romiti-Johnson

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

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

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

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

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

LOCATIONS R7-1, R7-2, AND VL-1 WERE SAMPLED ADJACENT TO ISGS SITE No. 3911-7. SEE FIGURE 3-1 AND TABLE 4-1 OF THE FINAL PRELIMINARY SITE INVESTIGATION REPORT FOR SAMPLING DETAILS.

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

TESTAMERICA ANALYTICAL REPORT - JOB ID: 500-184284-1.

ALSO SEE FIGURE 4-1 OF THE FINAL PRELIMINARY SITE INVESTIGATION REPORT.

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

I, Margaret Doheny-Skubic, 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 Plaza Circle; Suite 202
 City: Mundelein State: IL Zip Code: 60060
 Phone: (224) 864-7200

Margaret Doheny-Skubic, P.G.

Printed Name:



Licensed Professional Engineer or
 Licensed Professional Geologist Signature:

12/21/2020

Date:



P.E or L.P.G. Seal:

Summary Table of ISGS Site No. 3911-007
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
Illinois Department of Transportation
FAP 870: IL Route 53 From Woodland Avenue to Meadow Avenue
Lombard, DuPage County, Illinois

Location	VL-1	R7-1	R7-2	R7-2	Soil Reference Concentrations ^A
Sample Date	6/30/2020	6/30/2020	6/30/2020	6/30/2020	
Field Sample ID	VL-1(0-4)-063020	R7-1(0-2)-063020	R7-2(0-2)-063020	R7-2(0-2)-063020D	
Lab Sample ID	500-184284-1	500-184284-5	500-184284-3	500-184284-4	
ISGS Site Number	3911-005	3911-007	3911-007	3911-007	
Parameters					
Laboratory pH	8.5	8.5	9.0	9.0	<6.25; >9.0
VOCs					
Methylene chloride	ND	0.0032 J	ND	0.0036 J	0.02
SVOCs					
2-Methylnaphthalene	ND	ND	0.0078 J	ND	---
Acenaphthene	ND	ND	0.017 J	ND	570
Acenaphthylene	ND	ND	0.011 J	0.0053 J	---
Anthracene	ND	ND	0.065	0.017 J	12000
Benzo(a)anthracene	0.011 J	0.0069 J	0.37 J	0.15 J	0.9 / 1.1 / 1.8
Benzo(a)pyrene	0.029 J	0.025 J	0.44 J	0.21 J	0.09 / 1.3 / 2.1
Benzo(b)fluoranthene	0.039	0.033 J	0.73 J	0.35 J	0.9 / 1.5 / 2.1
Benzo(g,h,i)perylene	0.013 J	ND	0.18 J	0.086 J	---
Benzo(k)fluoranthene	ND	ND	0.26 J	0.09 J	9
Chrysene	0.017 J	0.013 J	0.46 J	0.19 J	88.00001
Dibenzo(a,h)anthracene	0.029 J	0.027 J	0.074	0.048	0.09 / 0.2 / 0.42
Fluoranthene	0.015 J	0.0096 J	0.57 J	0.23 J	3100
Fluorene	ND	ND	0.018 J	ND	560
Indeno(1,2,3-cd)pyrene	0.031 J	0.028 J	0.18 J	0.095 J	0.9 / 0.9 / 1.6
Phenanthrene	0.011 J	ND	0.36 J	0.088 J	---
Pyrene	0.021 J	0.012 J	1.1 J	0.29 J	2300
Total Metals (mg/kg)					
Antimony, Total	1.4	1.4	1.3	1.2	5
Arsenic, Total	9.4	9.7	11	9.3	11.3 / 13.0
Barium, Total	46	55	60	58	1500
Beryllium, Total	0.86	0.81	0.92	0.92	22
Cadmium, Total	0.13	0.1 J	0.24	0.29	5.2
Calcium, Total	29000	48000	20000	31000	---
Chromium, Total	19	18	22	24	21
Cobalt, Total	16	17	15	14	20
Copper, Total	26	27	33	30	2900
Iron, Total	22000	21000	24000	23000	15000 / 15900
Lead, Total	21	18	110	130	107
Magnesium, Total	18000	22000	14000	19000	325000
Manganese, Total	340	400	350	370	630 / 636
Mercury, Total	0.025	0.017 J	0.022	0.022	0.89
Nickel, Total	39	38	40	35	100
Potassium, Total	2900	3300	2400	2200	---
Sodium, Total	2300	2700	1200	1300	---
Thallium, Total	ND	ND	0.31 J	ND	2.6
Vanadium, Total	22	22	23	22	550
Zinc, Total	71	67	94	99	5100
TCLP Metals (mg/kg)					
Arsenic, TCLP	ND	ND	ND	ND	0.05
Barium, TCLP	0.35 J	0.34 J	0.37 J	0.35 J	2
Beryllium, TCLP	ND	ND	ND	ND	0.004
Cadmium, TCLP	ND	ND	ND	ND	0.005
Chromium, TCLP	ND	ND	ND	ND	0.1
Cobalt, TCLP	ND	ND	ND	ND	1
Copper, TCLP	ND	ND	ND	ND	0.65
Iron, TCLP	ND	ND	ND	ND	5
Lead, TCLP	ND	ND	ND	ND	0.0075
Manganese, TCLP	0.25	1.1 J	0.56	0.53	0.15
Mercury, TCLP	ND	ND	ND	ND	0.002
Nickel, TCLP	ND	ND	ND	ND	0.1
Zinc, TCLP	0.068 J	0.081 J	0.078 J	0.09 J	5
SPLP Metals (mg/kg)					
Arsenic, SPLP	0.12	0.13	0.11	0.11	0.05
Barium, SPLP	0.66	0.66	0.63	0.64	2
Beryllium, SPLP	0.012	0.011	0.0099	0.011	0.004
Cadmium, SPLP	ND	ND	ND	ND	0.005
Chromium, SPLP	0.23	0.21	0.2	0.21	0.1
Cobalt, SPLP	0.073	0.086	0.062	0.062	1
Copper, SPLP	0.3	0.31	0.27	0.29	0.65
Iron, SPLP	250	250	220	230	5
Lead, SPLP	0.13	0.14	0.36	0.39	0.0075
Manganese, SPLP	1.1	1.3	0.87	0.84	0.15
Mercury, SPLP	ND	ND	ND	ND	0.002
Nickel, SPLP	0.31	0.33	0.28	0.28	0.1
Zinc, SPLP	0.68	0.69	0.71	0.74	5

Notes:

--- - not applicable or value not available.

^A - Soil reference concentrations from MAC Table. Background values for Chicago corporate limits and MSA counties are included, as applicable.

J - Estimated concentration.

ND - Constituent not detected above the reporting limit.

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

ANALYTICAL REPORT

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

Laboratory Job ID: 500-184284-1

Client Project/Site: IDOT - Lombard - WO 012

For:

Weston Solutions, Inc.
300 Plaza Circle, Suite 202
Mundelein, Illinois 60060

Attn: Mr. Andris Slesers



Authorized for release by:
7/10/2020 5:37:46 PM

Richard Wright, Senior Project Manager
(708)746-0045
Richard.Wright@Eurofinset.com

LINKS

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

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

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

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184284-1

Client Sample ID: VL-1(0-4)-063020

Lab Sample ID: 500-184284-1

Date Collected: 06/30/20 11:25

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 81.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.0019		0.0019	0.00065	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00062	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00083	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
1,1-Dichloroethane	<0.0019		0.0019	0.00066	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
1,1-Dichloroethene	<0.0019		0.0019	0.00067	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
1,2-Dichloroethane	<0.0048		0.0048	0.0015	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
1,2-Dichloropropane	<0.0019		0.0019	0.00050	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00068	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
2-Hexanone	<0.0048		0.0048	0.0015	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Acetone	<0.019		0.019	0.0084	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Benzene	<0.0019		0.0019	0.00049	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Bromodichloromethane	<0.0019		0.0019	0.00039	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Bromoform	<0.0019		0.0019	0.00057	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Bromomethane	<0.0048		0.0048	0.0018	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Carbon disulfide	<0.0048		0.0048	0.0010	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Carbon tetrachloride	<0.0019		0.0019	0.00056	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Chlorobenzene	<0.0019		0.0019	0.00071	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Chloroethane	<0.0048		0.0048	0.0014	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Chloroform	<0.0019		0.0019	0.00067	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Chloromethane	<0.0048		0.0048	0.0019	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00054	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00058	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Dibromochloromethane	<0.0019		0.0019	0.00063	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Ethylbenzene	<0.0019		0.0019	0.00093	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Methyl Ethyl Ketone	<0.0048		0.0048	0.0021	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
methyl isobutyl ketone	<0.0048		0.0048	0.0014	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00057	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Methylene Chloride	<0.0048		0.0048	0.0019	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Styrene	<0.0019		0.0019	0.00058	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Tetrachloroethene	<0.0019		0.0019	0.00066	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Toluene	<0.0019		0.0019	0.00049	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00086	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00068	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Trichloroethene	<0.0019		0.0019	0.00065	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Vinyl chloride	<0.0019		0.0019	0.00086	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1
Xylenes, Total	<0.0039		0.0039	0.00062	mg/Kg	☼	06/30/20 17:51	07/02/20 14:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		70 - 134	06/30/20 17:51	07/02/20 14:24	1
4-Bromofluorobenzene (Surr)	114		75 - 131	06/30/20 17:51	07/02/20 14:24	1
Dibromofluoromethane	97		75 - 126	06/30/20 17:51	07/02/20 14:24	1
Toluene-d8 (Surr)	98		75 - 124	06/30/20 17:51	07/02/20 14:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20	F1 F2	0.20	0.042	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
1,2-Dichlorobenzene	<0.20	F1 F2	0.20	0.047	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
1,3-Dichlorobenzene	<0.20	F1 F2	0.20	0.044	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
1,4-Dichlorobenzene	<0.20	F1 F2	0.20	0.050	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
2,2'-oxybis[1-chloropropane]	<0.20	F1 F2	0.20	0.045	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184284-1

Client Sample ID: VL-1(0-4)-063020

Lab Sample ID: 500-184284-1

Date Collected: 06/30/20 11:25

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 81.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39	F1 F2	0.39	0.089	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
2,4,6-Trichlorophenol	<0.39	F1 F2	0.39	0.13	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
2,4-Dichlorophenol	<0.39		0.39	0.093	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
2,4-Dimethylphenol	<0.39	F1 * F2	0.39	0.15	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
2,4-Dinitrophenol	<0.79	F1	0.79	0.69	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
2,4-Dinitrotoluene	<0.20	F1 F2	0.20	0.062	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
2,6-Dinitrotoluene	<0.20	F1 F2	0.20	0.077	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
2-Chloronaphthalene	<0.20	F1 F2	0.20	0.043	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
2-Chlorophenol	<0.20	F1 F2	0.20	0.067	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
2-Methylnaphthalene	<0.079	F1 F2	0.079	0.0072	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
2-Methylphenol	<0.20	F1 F2	0.20	0.063	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
2-Nitroaniline	<0.20	F1 F2	0.20	0.053	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
2-Nitrophenol	<0.39	F1 F2	0.39	0.093	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
3 & 4 Methylphenol	<0.20	F1 F2	0.20	0.065	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
3-Nitroaniline	<0.39	F2	0.39	0.12	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.31	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
4-Bromophenyl phenyl ether	<0.20	F1 F2	0.20	0.052	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
4-Chloro-3-methylphenol	<0.39	F1 F2	0.39	0.13	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
4-Chloroaniline	<0.79	F1 F2	0.79	0.18	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
4-Chlorophenyl phenyl ether	<0.20	F1 F2	0.20	0.046	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
4-Nitroaniline	<0.39	F1 F2	0.39	0.16	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
4-Nitrophenol	<0.79	F2	0.79	0.37	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Acenaphthene	<0.039	F1 F2	0.039	0.0070	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Acenaphthylene	<0.039	F1 F2	0.039	0.0052	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Anthracene	<0.039	F1 F2	0.039	0.0065	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Benzo[a]anthracene	0.011	J	0.039	0.0053	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Benzo[a]pyrene	0.029	J	0.039	0.0076	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Benzo[b]fluoranthene	0.039		0.039	0.0085	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Benzo[g,h,i]perylene	0.013	J F1	0.039	0.013	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Benzo[k]fluoranthene	<0.039		0.039	0.012	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Bis(2-chloroethoxy)methane	<0.20	F1 F2	0.20	0.040	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Bis(2-chloroethyl)ether	<0.20	F1 F2	0.20	0.059	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Butyl benzyl phthalate	<0.20	*	0.20	0.075	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Carbazole	<0.20	F2	0.20	0.098	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Chrysene	0.017	J	0.039	0.011	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Dibenz(a,h)anthracene	0.029	J	0.039	0.0076	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Dibenzofuran	<0.20	F1 F2	0.20	0.046	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Diethyl phthalate	<0.20	F1 F2	0.20	0.066	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Dimethyl phthalate	<0.20	F1 F2	0.20	0.051	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Di-n-butyl phthalate	<0.20	F2	0.20	0.060	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Fluoranthene	0.015	J F2	0.039	0.0073	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Fluorene	<0.039	F1 F2	0.039	0.0055	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Hexachlorobenzene	<0.079	F1 F2	0.079	0.0091	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Hexachlorobutadiene	<0.20	F1 F2	0.20	0.062	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Hexachlorocyclopentadiene	<0.79	F1	0.79	0.23	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Hexachloroethane	<0.20	F1 F2	0.20	0.060	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184284-1

Client Sample ID: VL-1(0-4)-063020

Lab Sample ID: 500-184284-1

Date Collected: 06/30/20 11:25

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 81.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.031	J F1	0.039	0.010	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Isophorone	<0.20	F1 F2	0.20	0.044	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Naphthalene	<0.039	F1 F2	0.039	0.0060	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Nitrobenzene	<0.039	F1 F2	0.039	0.0098	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
N-Nitrosodi-n-propylamine	<0.079	F1 F2	0.079	0.048	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
N-Nitrosodiphenylamine	<0.20	F1 * F2	0.20	0.046	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Pentachlorophenol	<0.79		0.79	0.63	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Phenanthrene	0.011	J F1 F2	0.039	0.0055	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Phenol	<0.20	F1 F2	0.20	0.087	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Pyrene	0.021	J	0.039	0.0078	mg/Kg	☼	07/07/20 19:09	07/08/20 13:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>2,4,6-Tribromophenol</i>	55		31 - 143				07/07/20 19:09	07/08/20 13:15	1
<i>2-Fluorobiphenyl</i>	90		43 - 145				07/07/20 19:09	07/08/20 13:15	1
<i>2-Fluorophenol</i>	92		31 - 166				07/07/20 19:09	07/08/20 13:15	1
<i>Nitrobenzene-d5</i>	82		37 - 147				07/07/20 19:09	07/08/20 13:15	1
<i>Phenol-d5</i>	91		30 - 153				07/07/20 19:09	07/08/20 13:15	1
<i>Terphenyl-d14</i>	104		42 - 157				07/07/20 19:09	07/08/20 13:15	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/09/20 06:18	07/09/20 21:28	1
Barium	0.35	J	0.50	0.050	mg/L		07/09/20 06:18	07/09/20 21:28	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/09/20 06:18	07/09/20 21:28	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 06:18	07/09/20 21:28	1
Chromium	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:28	1
Cobalt	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:28	1
Copper	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:28	1
Iron	<0.40		0.40	0.20	mg/L		07/09/20 06:18	07/09/20 21:28	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/09/20 06:18	07/09/20 21:28	1
Manganese	0.25		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:28	1
Nickel	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:28	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 06:18	07/09/20 21:28	1
Silver	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:28	1
Zinc	0.068	J	0.50	0.020	mg/L		07/09/20 06:18	07/09/20 21:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.12		0.050	0.010	mg/L		07/09/20 06:15	07/09/20 22:19	1
Barium	0.66		0.50	0.050	mg/L		07/09/20 06:15	07/09/20 22:19	1
Beryllium	0.012		0.0040	0.0040	mg/L		07/09/20 06:15	07/09/20 22:19	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 06:15	07/09/20 22:19	1
Chromium	0.23		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:19	1
Cobalt	0.073		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:19	1
Copper	0.30		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:19	1
Iron	250		0.40	0.20	mg/L		07/09/20 06:15	07/09/20 22:19	1
Lead	0.13		0.0075	0.0075	mg/L		07/09/20 06:15	07/09/20 22:19	1
Manganese	1.1		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:19	1
Nickel	0.31		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:19	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 06:15	07/09/20 22:19	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184284-1

Client Sample ID: VL-1(0-4)-063020

Lab Sample ID: 500-184284-1

Date Collected: 06/30/20 11:25

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 81.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:19	1
Zinc	0.68		0.50	0.020	mg/L		07/09/20 06:15	07/09/20 22:19	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.4		1.2	0.23	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Arsenic	9.4		0.60	0.20	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Barium	46		0.60	0.068	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Beryllium	0.86		0.24	0.056	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Cadmium	0.13		0.12	0.022	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Calcium	29000		12	2.0	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Chromium	19		0.60	0.30	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Cobalt	16		0.30	0.078	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Copper	26		0.60	0.17	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Iron	22000		12	6.2	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Lead	21		0.30	0.14	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Magnesium	18000		6.0	3.0	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Manganese	340		0.60	0.087	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Nickel	39		0.60	0.17	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Potassium	2900		30	11	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Selenium	<0.60		0.60	0.35	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Silver	<0.30		0.30	0.077	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Sodium	2300		60	8.9	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Thallium	<0.60		0.60	0.30	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Vanadium	22		0.30	0.071	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1
Zinc	71		1.2	0.53	mg/Kg	☼	07/07/20 07:32	07/07/20 21:04	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/20 09:10	07/10/20 08:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0010		0.0010	0.0010	mg/L		07/09/20 09:10	07/10/20 08:06	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.025		0.020	0.0066	mg/Kg	☼	07/08/20 13:35	07/09/20 10:09	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.5		0.1	0.1	SU			07/02/20 13:51	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184284-1

Client Sample ID: R7-2(0-2)-063020

Lab Sample ID: 500-184284-3

Date Collected: 06/30/20 11:40

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 84.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.0021		0.0021	0.00070	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
1,1,2,2-Tetrachloroethane	<0.0021		0.0021	0.00066	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
1,1,2-Trichloroethane	<0.0021		0.0021	0.00089	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
1,1-Dichloroethane	<0.0021		0.0021	0.00071	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
1,1-Dichloroethene	<0.0021		0.0021	0.00071	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
1,2-Dichloroethane	<0.0052		0.0052	0.0016	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
1,2-Dichloropropane	<0.0021		0.0021	0.00054	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
1,3-Dichloropropene, Total	<0.0021		0.0021	0.00073	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
2-Hexanone	<0.0052		0.0052	0.0016	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
Acetone	<0.021		0.021	0.0090	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
Benzene	<0.0021		0.0021	0.00053	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
Bromodichloromethane	<0.0021		0.0021	0.00042	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
Bromoform	<0.0021		0.0021	0.00061	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
Bromomethane	<0.0052		0.0052	0.0020	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
Carbon disulfide	<0.0052		0.0052	0.0011	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
Carbon tetrachloride	<0.0021		0.0021	0.00060	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
Chlorobenzene	<0.0021		0.0021	0.00077	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
Chloroethane	<0.0052		0.0052	0.0015	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
Chloroform	<0.0021		0.0021	0.00072	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
Chloromethane	<0.0052		0.0052	0.0021	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
cis-1,2-Dichloroethene	<0.0021		0.0021	0.00058	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
cis-1,3-Dichloropropene	<0.0021		0.0021	0.00063	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
Dibromochloromethane	<0.0021		0.0021	0.00068	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
Ethylbenzene	<0.0021		0.0021	0.00099	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
Methyl Ethyl Ketone	<0.0052		0.0052	0.0023	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
methyl isobutyl ketone	<0.0052		0.0052	0.0015	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
Methyl tert-butyl ether	<0.0021		0.0021	0.00061	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
Methylene Chloride	0.0036	J	0.0052	0.0020	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
Styrene	<0.0021		0.0021	0.00063	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
Tetrachloroethene	<0.0021		0.0021	0.00071	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
Toluene	<0.0021		0.0021	0.00052	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
trans-1,2-Dichloroethene	<0.0021		0.0021	0.00092	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
trans-1,3-Dichloropropene	<0.0021		0.0021	0.00073	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
Trichloroethene	<0.0021		0.0021	0.00070	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
Vinyl chloride	<0.0021		0.0021	0.00092	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1
Xylenes, Total	<0.0042		0.0042	0.00066	mg/Kg	☼	06/30/20 17:51	07/07/20 11:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		70 - 134	06/30/20 17:51	07/07/20 11:47	1
4-Bromofluorobenzene (Surr)	112		75 - 131	06/30/20 17:51	07/07/20 11:47	1
Dibromofluoromethane	96		75 - 126	06/30/20 17:51	07/07/20 11:47	1
Toluene-d8 (Surr)	102		75 - 124	06/30/20 17:51	07/07/20 11:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184284-1

Client Sample ID: R7-2(0-2)-063020

Lab Sample ID: 500-184284-3

Date Collected: 06/30/20 11:40

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 84.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.086	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
2,4-Dichlorophenol	<0.37		0.37	0.089	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
2,4-Dimethylphenol	<0.37	*	0.37	0.14	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
2,4-Dinitrophenol	<0.76		0.76	0.66	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
2,4-Dinitrotoluene	<0.19		0.19	0.060	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
2,6-Dinitrotoluene	<0.19		0.19	0.074	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
2-Chlorophenol	<0.19		0.19	0.064	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
2-Methylnaphthalene	<0.076		0.076	0.0069	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
2-Nitrophenol	<0.37		0.37	0.089	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
3 & 4 Methylphenol	<0.19		0.19	0.063	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.053	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.30	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
4-Chloroaniline	<0.76		0.76	0.18	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
4-Nitrophenol	<0.76		0.76	0.36	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Acenaphthene	<0.037		0.037	0.0068	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Acenaphthylene	0.0053	J	0.037	0.0050	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Anthracene	0.017	J	0.037	0.0063	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Benzo[a]anthracene	0.15		0.037	0.0051	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Benzo[a]pyrene	0.21		0.037	0.0073	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Benzo[b]fluoranthene	0.35		0.037	0.0081	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Benzo[g,h,i]perylene	0.086		0.037	0.012	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Benzo[k]fluoranthene	0.090		0.037	0.011	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.069	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Butyl benzyl phthalate	<0.19	*	0.19	0.072	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Carbazole	<0.19		0.19	0.094	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Chrysene	0.19		0.037	0.010	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Dibenz(a,h)anthracene	0.048		0.037	0.0073	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Diethyl phthalate	<0.19		0.19	0.064	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Fluoranthene	0.23		0.037	0.0070	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Fluorene	<0.037		0.037	0.0053	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Hexachlorobenzene	<0.076		0.076	0.0087	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Hexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Hexachlorocyclopentadiene	<0.76		0.76	0.22	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Hexachloroethane	<0.19		0.19	0.057	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1

Euofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184284-1

Client Sample ID: R7-2(0-2)-063020

Lab Sample ID: 500-184284-3

Date Collected: 06/30/20 11:40

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 84.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.095		0.037	0.0098	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Naphthalene	<0.037		0.037	0.0058	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Nitrobenzene	<0.037		0.037	0.0094	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.046	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
N-Nitrosodiphenylamine	<0.19 *		0.19	0.044	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Pentachlorophenol	<0.76		0.76	0.60	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Phenanthrene	0.088		0.037	0.0052	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Phenol	<0.19		0.19	0.084	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Pyrene	0.29		0.037	0.0075	mg/Kg	☼	07/07/20 19:09	07/08/20 15:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	45		31 - 143				07/07/20 19:09	07/08/20 15:54	1
2-Fluorobiphenyl	80		43 - 145				07/07/20 19:09	07/08/20 15:54	1
2-Fluorophenol	73		31 - 166				07/07/20 19:09	07/08/20 15:54	1
Nitrobenzene-d5	66		37 - 147				07/07/20 19:09	07/08/20 15:54	1
Phenol-d5	74		30 - 153				07/07/20 19:09	07/08/20 15:54	1
Terphenyl-d14	83		42 - 157				07/07/20 19:09	07/08/20 15:54	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/09/20 06:18	07/09/20 21:34	1
Barium	0.37	J	0.50	0.050	mg/L		07/09/20 06:18	07/09/20 21:34	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/09/20 06:18	07/09/20 21:34	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 06:18	07/09/20 21:34	1
Chromium	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:34	1
Cobalt	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:34	1
Copper	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:34	1
Iron	<0.40		0.40	0.20	mg/L		07/09/20 06:18	07/09/20 21:34	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/09/20 06:18	07/09/20 21:34	1
Manganese	0.56		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:34	1
Nickel	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:34	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 06:18	07/09/20 21:34	1
Silver	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:34	1
Zinc	0.078	J	0.50	0.020	mg/L		07/09/20 06:18	07/09/20 21:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.11		0.050	0.010	mg/L		07/09/20 06:15	07/09/20 22:26	1
Barium	0.63		0.50	0.050	mg/L		07/09/20 06:15	07/09/20 22:26	1
Beryllium	0.0099		0.0040	0.0040	mg/L		07/09/20 06:15	07/09/20 22:26	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 06:15	07/09/20 22:26	1
Chromium	0.20		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:26	1
Cobalt	0.062		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:26	1
Copper	0.27		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:26	1
Iron	220		0.40	0.20	mg/L		07/09/20 06:15	07/09/20 22:26	1
Lead	0.36		0.0075	0.0075	mg/L		07/09/20 06:15	07/09/20 22:26	1
Manganese	0.87		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:26	1
Nickel	0.28		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:26	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 06:15	07/09/20 22:26	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184284-1

Client Sample ID: R7-2(0-2)-063020

Lab Sample ID: 500-184284-3

Date Collected: 06/30/20 11:40

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 84.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:26	1
Zinc	0.71		0.50	0.020	mg/L		07/09/20 06:15	07/09/20 22:26	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.3		1.1	0.22	mg/Kg	☼	07/07/20 07:32	07/07/20 21:12	1
Arsenic	11		0.56	0.19	mg/Kg	☼	07/07/20 07:32	07/07/20 21:12	1
Barium	60		0.56	0.064	mg/Kg	☼	07/07/20 07:32	07/07/20 21:12	1
Beryllium	0.92		0.22	0.052	mg/Kg	☼	07/07/20 07:32	07/07/20 21:12	1
Cadmium	0.24		0.11	0.020	mg/Kg	☼	07/07/20 07:32	07/07/20 21:12	1
Calcium	20000		11	1.9	mg/Kg	☼	07/07/20 07:32	07/07/20 21:12	1
Chromium	22		0.56	0.28	mg/Kg	☼	07/07/20 07:32	07/07/20 21:12	1
Cobalt	15		0.28	0.073	mg/Kg	☼	07/07/20 07:32	07/07/20 21:12	1
Copper	33		0.56	0.16	mg/Kg	☼	07/07/20 07:32	07/07/20 21:12	1
Iron	24000		11	5.8	mg/Kg	☼	07/07/20 07:32	07/07/20 21:12	1
Lead	110		0.28	0.13	mg/Kg	☼	07/07/20 07:32	07/07/20 21:12	1
Magnesium	14000		5.6	2.8	mg/Kg	☼	07/07/20 07:32	07/07/20 21:12	1
Manganese	350		0.56	0.081	mg/Kg	☼	07/07/20 07:32	07/07/20 21:12	1
Nickel	40		0.56	0.16	mg/Kg	☼	07/07/20 07:32	07/07/20 21:12	1
Potassium	2400		28	9.9	mg/Kg	☼	07/07/20 07:32	07/07/20 21:12	1
Selenium	<0.56		0.56	0.33	mg/Kg	☼	07/07/20 07:32	07/07/20 21:12	1
Silver	<0.28		0.28	0.072	mg/Kg	☼	07/07/20 07:32	07/07/20 21:12	1
Sodium	1200		56	8.2	mg/Kg	☼	07/07/20 07:32	07/07/20 21:12	1
Thallium	0.31	J	0.56	0.28	mg/Kg	☼	07/07/20 07:32	07/07/20 21:12	1
Vanadium	23		0.28	0.066	mg/Kg	☼	07/07/20 07:32	07/07/20 21:12	1
Zinc	94		1.1	0.49	mg/Kg	☼	07/07/20 07:32	07/07/20 21:12	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/20 09:10	07/10/20 08:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0010		0.0010	0.0010	mg/L		07/09/20 09:10	07/10/20 08:09	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.022		0.019	0.0064	mg/Kg	☼	07/08/20 13:35	07/09/20 10:13	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	9.0		0.1	0.1	SU			07/02/20 13:55	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184284-1

Client Sample ID: R7-2(0-2)-063020D

Lab Sample ID: 500-184284-4

Date Collected: 06/30/20 11:40

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 84.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.0020		0.0020	0.00067	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00064	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00086	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
1,1-Dichloroethane	<0.0020		0.0020	0.00069	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
1,1-Dichloroethene	<0.0020		0.0020	0.00069	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
1,2-Dichloroethane	<0.0050		0.0050	0.0016	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00071	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
2-Hexanone	<0.0050		0.0050	0.0016	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
Acetone	<0.020		0.020	0.0088	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
Benzene	<0.0020		0.0020	0.00051	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
Bromodichloromethane	<0.0020		0.0020	0.00041	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
Bromoform	<0.0020		0.0020	0.00059	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
Bromomethane	<0.0050		0.0050	0.0019	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
Carbon disulfide	<0.0050		0.0050	0.0010	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
Carbon tetrachloride	<0.0020		0.0020	0.00058	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
Chlorobenzene	<0.0020		0.0020	0.00074	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
Chloroethane	<0.0050		0.0050	0.0015	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
Chloroform	<0.0020		0.0020	0.00070	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
Chloromethane	<0.0050		0.0050	0.0020	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00056	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00061	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
Dibromochloromethane	<0.0020		0.0020	0.00066	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
Ethylbenzene	<0.0020		0.0020	0.00096	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0022	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
methyl isobutyl ketone	<0.0050		0.0050	0.0015	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00059	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
Methylene Chloride	<0.0050		0.0050	0.0020	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
Styrene	<0.0020		0.0020	0.00061	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
Tetrachloroethene	<0.0020		0.0020	0.00068	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
Toluene	<0.0020		0.0020	0.00051	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00089	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00071	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
Trichloroethene	<0.0020		0.0020	0.00068	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
Vinyl chloride	<0.0020		0.0020	0.00089	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1
Xylenes, Total	<0.0040		0.0040	0.00064	mg/Kg	☼	06/30/20 17:51	07/02/20 15:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		70 - 134	06/30/20 17:51	07/02/20 15:52	1
4-Bromofluorobenzene (Surr)	108		75 - 131	06/30/20 17:51	07/02/20 15:52	1
Dibromofluoromethane	103		75 - 126	06/30/20 17:51	07/02/20 15:52	1
Toluene-d8 (Surr)	97		75 - 124	06/30/20 17:51	07/02/20 15:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184284-1

Client Sample ID: R7-2(0-2)-063020D

Lab Sample ID: 500-184284-4

Date Collected: 06/30/20 11:40

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 84.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.086	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
2,4-Dichlorophenol	<0.37		0.37	0.089	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
2,4-Dimethylphenol	<0.37	*	0.37	0.14	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
2,4-Dinitrophenol	<0.76		0.76	0.66	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
2,4-Dinitrotoluene	<0.19		0.19	0.060	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
2,6-Dinitrotoluene	<0.19		0.19	0.074	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
2-Chlorophenol	<0.19		0.19	0.064	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
2-Methylnaphthalene	0.0078	J	0.076	0.0069	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
2-Nitrophenol	<0.37		0.37	0.089	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
3 & 4 Methylphenol	<0.19		0.19	0.063	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.053	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.30	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
4-Chloroaniline	<0.76		0.76	0.18	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
4-Nitrophenol	<0.76		0.76	0.36	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Acenaphthene	0.017	J	0.037	0.0068	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Acenaphthylene	0.011	J	0.037	0.0050	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Anthracene	0.065		0.037	0.0063	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Benzo[a]anthracene	0.37		0.037	0.0051	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Benzo[a]pyrene	0.44		0.037	0.0073	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Benzo[b]fluoranthene	0.73		0.037	0.0081	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Benzo[g,h,i]perylene	0.18		0.037	0.012	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Benzo[k]fluoranthene	0.26		0.037	0.011	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.069	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Butyl benzyl phthalate	<0.19	*	0.19	0.072	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Carbazole	<0.19		0.19	0.094	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Chrysene	0.46		0.037	0.010	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Dibenz(a,h)anthracene	0.074		0.037	0.0073	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Diethyl phthalate	<0.19		0.19	0.064	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Fluoranthene	0.57		0.037	0.0070	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Fluorene	0.018	J	0.037	0.0053	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Hexachlorobenzene	<0.076		0.076	0.0087	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Hexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Hexachlorocyclopentadiene	<0.76		0.76	0.22	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Hexachloroethane	<0.19		0.19	0.057	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1

Euofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184284-1

Client Sample ID: R7-2(0-2)-063020D

Lab Sample ID: 500-184284-4

Date Collected: 06/30/20 11:40

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 84.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.18		0.037	0.0098	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Naphthalene	<0.037		0.037	0.0058	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Nitrobenzene	<0.037		0.037	0.0094	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.046	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
N-Nitrosodiphenylamine	<0.19 *		0.19	0.044	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Pentachlorophenol	<0.76		0.76	0.60	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Phenanthrene	0.36		0.037	0.0052	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Phenol	<0.19		0.19	0.084	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Pyrene	1.1		0.037	0.0075	mg/Kg	☼	07/07/20 19:09	07/09/20 16:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	48		31 - 143				07/07/20 19:09	07/09/20 16:30	1
2-Fluorobiphenyl	89		43 - 145				07/07/20 19:09	07/09/20 16:30	1
2-Fluorophenol	80		31 - 166				07/07/20 19:09	07/09/20 16:30	1
Nitrobenzene-d5	68		37 - 147				07/07/20 19:09	07/09/20 16:30	1
Phenol-d5	82		30 - 153				07/07/20 19:09	07/09/20 16:30	1
Terphenyl-d14	140		42 - 157				07/07/20 19:09	07/09/20 16:30	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/09/20 06:18	07/09/20 21:37	1
Barium	0.35	J	0.50	0.050	mg/L		07/09/20 06:18	07/09/20 21:37	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/09/20 06:18	07/09/20 21:37	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 06:18	07/09/20 21:37	1
Chromium	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:37	1
Cobalt	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:37	1
Copper	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:37	1
Iron	<0.40		0.40	0.20	mg/L		07/09/20 06:18	07/09/20 21:37	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/09/20 06:18	07/09/20 21:37	1
Manganese	0.53		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:37	1
Nickel	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:37	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 06:18	07/09/20 21:37	1
Silver	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:37	1
Zinc	0.090	J	0.50	0.020	mg/L		07/09/20 06:18	07/09/20 21:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.11		0.050	0.010	mg/L		07/09/20 06:15	07/09/20 22:30	1
Barium	0.64		0.50	0.050	mg/L		07/09/20 06:15	07/09/20 22:30	1
Beryllium	0.011		0.0040	0.0040	mg/L		07/09/20 06:15	07/09/20 22:30	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 06:15	07/09/20 22:30	1
Chromium	0.21		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:30	1
Cobalt	0.062		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:30	1
Copper	0.29		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:30	1
Iron	230		0.40	0.20	mg/L		07/09/20 06:15	07/09/20 22:30	1
Lead	0.39		0.0075	0.0075	mg/L		07/09/20 06:15	07/09/20 22:30	1
Manganese	0.84		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:30	1
Nickel	0.28		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:30	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 06:15	07/09/20 22:30	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184284-1

Client Sample ID: R7-2(0-2)-063020D

Lab Sample ID: 500-184284-4

Date Collected: 06/30/20 11:40

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 84.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:30	1
Zinc	0.74		0.50	0.020	mg/L		07/09/20 06:15	07/09/20 22:30	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.2		1.2	0.23	mg/Kg	☼	07/07/20 07:32	07/07/20 21:16	1
Arsenic	9.3		0.59	0.20	mg/Kg	☼	07/07/20 07:32	07/07/20 21:16	1
Barium	58		0.59	0.068	mg/Kg	☼	07/07/20 07:32	07/07/20 21:16	1
Beryllium	0.92		0.24	0.055	mg/Kg	☼	07/07/20 07:32	07/07/20 21:16	1
Cadmium	0.29		0.12	0.021	mg/Kg	☼	07/07/20 07:32	07/07/20 21:16	1
Calcium	31000		12	2.0	mg/Kg	☼	07/07/20 07:32	07/07/20 21:16	1
Chromium	24		0.59	0.29	mg/Kg	☼	07/07/20 07:32	07/07/20 21:16	1
Cobalt	14		0.30	0.078	mg/Kg	☼	07/07/20 07:32	07/07/20 21:16	1
Copper	30		0.59	0.17	mg/Kg	☼	07/07/20 07:32	07/07/20 21:16	1
Iron	23000		12	6.2	mg/Kg	☼	07/07/20 07:32	07/07/20 21:16	1
Lead	130		0.30	0.14	mg/Kg	☼	07/07/20 07:32	07/07/20 21:16	1
Magnesium	19000		5.9	2.9	mg/Kg	☼	07/07/20 07:32	07/07/20 21:16	1
Manganese	370		0.59	0.086	mg/Kg	☼	07/07/20 07:32	07/07/20 21:16	1
Nickel	35		0.59	0.17	mg/Kg	☼	07/07/20 07:32	07/07/20 21:16	1
Potassium	2200		30	11	mg/Kg	☼	07/07/20 07:32	07/07/20 21:16	1
Selenium	<0.59		0.59	0.35	mg/Kg	☼	07/07/20 07:32	07/07/20 21:16	1
Silver	<0.30		0.30	0.077	mg/Kg	☼	07/07/20 07:32	07/07/20 21:16	1
Sodium	1300		59	8.8	mg/Kg	☼	07/07/20 07:32	07/07/20 21:16	1
Thallium	<0.59		0.59	0.30	mg/Kg	☼	07/07/20 07:32	07/07/20 21:16	1
Vanadium	22		0.30	0.070	mg/Kg	☼	07/07/20 07:32	07/07/20 21:16	1
Zinc	99		1.2	0.52	mg/Kg	☼	07/07/20 07:32	07/07/20 21:16	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/20 09:10	07/10/20 08:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0010		0.0010	0.0010	mg/L		07/09/20 09:10	07/10/20 08:11	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.022		0.018	0.0060	mg/Kg	☼	07/08/20 13:35	07/09/20 10:15	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	9.0		0.1	0.1	SU			07/02/20 13:56	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184284-1

Client Sample ID: R7-1(0-2)-063020

Lab Sample ID: 500-184284-5

Date Collected: 06/30/20 11:50

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 82.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.0020		0.0020	0.00068	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00065	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00087	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
1,1-Dichloroethane	<0.0020		0.0020	0.00069	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
1,1-Dichloroethene	<0.0020		0.0020	0.00070	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
1,2-Dichloroethane	<0.0051		0.0051	0.0016	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00071	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
2-Hexanone	<0.0051		0.0051	0.0016	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
Acetone	<0.020		0.020	0.0088	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
Benzene	<0.0020		0.0020	0.00052	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
Bromodichloromethane	<0.0020		0.0020	0.00041	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
Bromoform	<0.0020		0.0020	0.00059	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
Bromomethane	<0.0051		0.0051	0.0019	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
Carbon disulfide	<0.0051		0.0051	0.0011	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
Carbon tetrachloride	<0.0020		0.0020	0.00059	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
Chlorobenzene	<0.0020		0.0020	0.00075	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
Chloroethane	<0.0051		0.0051	0.0015	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
Chloroform	<0.0020		0.0020	0.00070	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
Chloromethane	<0.0051		0.0051	0.0020	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00057	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00061	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
Dibromochloromethane	<0.0020		0.0020	0.00066	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
Ethylbenzene	<0.0020		0.0020	0.00097	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
Methyl Ethyl Ketone	<0.0051		0.0051	0.0022	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
methyl isobutyl ketone	<0.0051		0.0051	0.0015	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00059	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
Methylene Chloride	0.0032	J	0.0051	0.0020	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
Styrene	<0.0020		0.0020	0.00061	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
Tetrachloroethene	<0.0020		0.0020	0.00069	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
Toluene	<0.0020		0.0020	0.00051	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00090	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00071	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
Trichloroethene	<0.0020		0.0020	0.00068	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
Vinyl chloride	<0.0020		0.0020	0.00090	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1
Xylenes, Total	<0.0040		0.0040	0.00065	mg/Kg	☼	06/30/20 17:51	07/02/20 16:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		70 - 134	06/30/20 17:51	07/02/20 16:18	1
4-Bromofluorobenzene (Surr)	111		75 - 131	06/30/20 17:51	07/02/20 16:18	1
Dibromofluoromethane	98		75 - 126	06/30/20 17:51	07/02/20 16:18	1
Toluene-d8 (Surr)	98		75 - 124	06/30/20 17:51	07/02/20 16:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.042	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
1,4-Dichlorobenzene	<0.20		0.20	0.050	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.045	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184284-1

Client Sample ID: R7-1(0-2)-063020

Lab Sample ID: 500-184284-5

Date Collected: 06/30/20 11:50

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 82.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.090	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
2,4,6-Trichlorophenol	<0.39		0.39	0.13	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
2,4-Dichlorophenol	<0.39		0.39	0.093	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
2,4-Dimethylphenol	<0.39	*	0.39	0.15	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
2,4-Dinitrophenol	<0.79		0.79	0.69	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
2,4-Dinitrotoluene	<0.20		0.20	0.062	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
2,6-Dinitrotoluene	<0.20		0.20	0.077	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
2-Chloronaphthalene	<0.20		0.20	0.043	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
2-Chlorophenol	<0.20		0.20	0.067	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
2-Methylnaphthalene	<0.079		0.079	0.0072	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
2-Nitrophenol	<0.39		0.39	0.093	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
3 & 4 Methylphenol	<0.20		0.20	0.065	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.32	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
4-Chloroaniline	<0.79		0.79	0.18	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
4-Nitroaniline	<0.39		0.39	0.16	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
4-Nitrophenol	<0.79		0.79	0.37	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Acenaphthene	<0.039		0.039	0.0071	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Anthracene	<0.039		0.039	0.0066	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Benzo[a]anthracene	0.0069	J	0.039	0.0053	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Benzo[a]pyrene	0.025	J	0.039	0.0076	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Benzo[b]fluoranthene	0.033	J	0.039	0.0085	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Benzo[g,h,i]perylene	<0.039		0.039	0.013	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Benzo[k]fluoranthene	<0.039		0.039	0.012	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Butyl benzyl phthalate	<0.20	*	0.20	0.075	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Carbazole	<0.20		0.20	0.098	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Chrysene	0.013	J	0.039	0.011	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Dibenz(a,h)anthracene	0.027	J	0.039	0.0076	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Diethyl phthalate	<0.20		0.20	0.067	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Dimethyl phthalate	<0.20		0.20	0.051	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Fluoranthene	0.0096	J	0.039	0.0073	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Fluorene	<0.039		0.039	0.0055	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Hexachlorobenzene	<0.079		0.079	0.0091	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Hexachlorocyclopentadiene	<0.79		0.79	0.23	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Hexachloroethane	<0.20		0.20	0.060	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184284-1

Client Sample ID: R7-1(0-2)-063020

Lab Sample ID: 500-184284-5

Date Collected: 06/30/20 11:50

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 82.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.028	J	0.039	0.010	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Naphthalene	<0.039		0.039	0.0060	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Nitrobenzene	<0.039		0.039	0.0098	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.048	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
N-Nitrosodiphenylamine	<0.20	*	0.20	0.046	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Pentachlorophenol	<0.79		0.79	0.63	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Phenanthrene	<0.039		0.039	0.0055	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Phenol	<0.20		0.20	0.087	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Pyrene	0.012	J	0.039	0.0078	mg/Kg	☼	07/07/20 19:09	07/08/20 14:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>2,4,6-Tribromophenol</i>	48		31 - 143				07/07/20 19:09	07/08/20 14:08	1
<i>2-Fluorobiphenyl</i>	85		43 - 145				07/07/20 19:09	07/08/20 14:08	1
<i>2-Fluorophenol</i>	83		31 - 166				07/07/20 19:09	07/08/20 14:08	1
<i>Nitrobenzene-d5</i>	70		37 - 147				07/07/20 19:09	07/08/20 14:08	1
<i>Phenol-d5</i>	85		30 - 153				07/07/20 19:09	07/08/20 14:08	1
<i>Terphenyl-d14</i>	98		42 - 157				07/07/20 19:09	07/08/20 14:08	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/09/20 06:18	07/09/20 21:40	1
Barium	0.34	J	0.50	0.050	mg/L		07/09/20 06:18	07/09/20 21:40	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/09/20 06:18	07/09/20 21:40	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 06:18	07/09/20 21:40	1
Chromium	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:40	1
Cobalt	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:40	1
Copper	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:40	1
Iron	<0.40		0.40	0.20	mg/L		07/09/20 06:18	07/09/20 21:40	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/09/20 06:18	07/09/20 21:40	1
Manganese	1.1	F1	0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:40	1
Nickel	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:40	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 06:18	07/09/20 21:40	1
Silver	<0.025		0.025	0.010	mg/L		07/09/20 06:18	07/09/20 21:40	1
Zinc	0.081	J	0.50	0.020	mg/L		07/09/20 06:18	07/09/20 21:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.13		0.050	0.010	mg/L		07/09/20 06:15	07/09/20 22:34	1
Barium	0.66		0.50	0.050	mg/L		07/09/20 06:15	07/09/20 22:34	1
Beryllium	0.011		0.0040	0.0040	mg/L		07/09/20 06:15	07/09/20 22:34	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 06:15	07/09/20 22:34	1
Chromium	0.21		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:34	1
Cobalt	0.086		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:34	1
Copper	0.31		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:34	1
Iron	250		0.40	0.20	mg/L		07/09/20 06:15	07/09/20 22:34	1
Lead	0.14		0.0075	0.0075	mg/L		07/09/20 06:15	07/09/20 22:34	1
Manganese	1.3		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:34	1
Nickel	0.33		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:34	1
Selenium	<0.050	F1	0.050	0.020	mg/L		07/09/20 06:15	07/09/20 22:34	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184284-1

Client Sample ID: R7-1(0-2)-063020

Lab Sample ID: 500-184284-5

Date Collected: 06/30/20 11:50

Matrix: Solid

Date Received: 06/30/20 14:10

Percent Solids: 82.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		07/09/20 06:15	07/09/20 22:34	1
Zinc	0.69		0.50	0.020	mg/L		07/09/20 06:15	07/09/20 22:34	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.4		1.2	0.23	mg/Kg	☼	07/07/20 07:32	07/07/20 21:20	1
Arsenic	9.7		0.60	0.21	mg/Kg	☼	07/07/20 07:32	07/07/20 21:20	1
Barium	55		0.60	0.069	mg/Kg	☼	07/07/20 07:32	07/07/20 21:20	1
Beryllium	0.81		0.24	0.056	mg/Kg	☼	07/07/20 07:32	07/07/20 21:20	1
Cadmium	0.10	J	0.12	0.022	mg/Kg	☼	07/07/20 07:32	07/07/20 21:20	1
Calcium	48000		120	20	mg/Kg	☼	07/07/20 07:32	07/08/20 10:01	10
Chromium	18		0.60	0.30	mg/Kg	☼	07/07/20 07:32	07/07/20 21:20	1
Cobalt	17		0.30	0.079	mg/Kg	☼	07/07/20 07:32	07/07/20 21:20	1
Copper	27		0.60	0.17	mg/Kg	☼	07/07/20 07:32	07/07/20 21:20	1
Iron	21000		12	6.3	mg/Kg	☼	07/07/20 07:32	07/07/20 21:20	1
Lead	18		0.30	0.14	mg/Kg	☼	07/07/20 07:32	07/07/20 21:20	1
Magnesium	22000		6.0	3.0	mg/Kg	☼	07/07/20 07:32	07/07/20 21:20	1
Manganese	400		0.60	0.087	mg/Kg	☼	07/07/20 07:32	07/07/20 21:20	1
Nickel	38		0.60	0.18	mg/Kg	☼	07/07/20 07:32	07/07/20 21:20	1
Potassium	3300		30	11	mg/Kg	☼	07/07/20 07:32	07/07/20 21:20	1
Selenium	<0.60		0.60	0.35	mg/Kg	☼	07/07/20 07:32	07/07/20 21:20	1
Silver	<0.30		0.30	0.078	mg/Kg	☼	07/07/20 07:32	07/07/20 21:20	1
Sodium	2700		60	8.9	mg/Kg	☼	07/07/20 07:32	07/07/20 21:20	1
Thallium	<0.60		0.60	0.30	mg/Kg	☼	07/07/20 07:32	07/07/20 21:20	1
Vanadium	22		0.30	0.071	mg/Kg	☼	07/07/20 07:32	07/07/20 21:20	1
Zinc	67		1.2	0.53	mg/Kg	☼	07/07/20 07:32	07/07/20 21:20	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/20 09:10	07/10/20 08:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0010		0.0010	0.0010	mg/L		07/09/20 09:10	07/10/20 08:12	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	J	0.019	0.0064	mg/Kg	☼	07/08/20 13:35	07/09/20 10:17	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.5		0.1	0.1	SU			07/02/20 13:57	1

Definitions/Glossary

Client: Weston Solutions, Inc.
 Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184284-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

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

Glossary

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

Accreditation/Certification Summary

Client: Weston Solutions, Inc.
 Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184284-1

Laboratory: Eurofins TestAmerica, Chicago

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

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	IL00035	04-30-20 *

Laboratory: Eurofins TestAmerica, Cedar Falls

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

Authority	Program	Identification Number	Expiration Date
AIHA-LAP, LLC	Industrial Hygiene Laboratory Accreditation Program (IHLAP)	101044	11-01-20
Colorado	Petroleum Storage Tank Program	IA100001 (OR)	09-29-20
Georgia	State	IA100001 (OR)	09-29-20
Illinois	NELAP	200024	11-29-20
Iowa	State	007	12-01-21
Kansas	NELAP	E-10341	01-31-21
Minnesota	NELAP	019-999-319	12-31-20
Minnesota (Petrofund)	State	3349	08-22-21
North Dakota	State	R-186	09-30-20
Oregon	NELAP	IA100001	09-29-20
USDA	US Federal Programs	P330-19-00003	01-02-22

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



Chain of Custody Record

458986



Environment Testing
TestAmerica

Address: _____

Regulatory Program: DW NPDES RCRA Other:

TAL-8210

Client Contact		Project Manager: Andrius Slesers		Site Contact: T. Oberman		Date: 6/30/20		COC No:	
Company Name: <u>Weston</u>		Tel/Email:		Lab Contact: <u>D. Wright</u>		Carrier:		2 of 3 COCs	
Address: <u>300 Plaza Cr</u>		Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below <input type="checkbox"/> 2 weeks <u>Standard</u> <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day							
City/State/Zip: <u>Mundelein, IL 60060</u>									
Phone: <u>847-964-7301</u>		Sample Date		Sample Time		Sample Type (C=Comp. G=Grab)		# of Cont.	
Fax:		↓		↓		↓		↓	
Project Name:		↓		↓		↓		↓	
Site:		↓		↓		↓		↓	
P O #		↓		↓		↓		↓	
500-184284 COC		↓		↓		↓		↓	
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp. G=Grab)		# of Cont.	
GW-1(10-15)-063020 D		4/30/20		1010		G		9	
GW-1(15-20)-063020		↓		1015		↓		↓	
GW-1(20-25)-063020		↓		1030		↓		↓	
GW-1(25-30)-063020		↓		1035		↓		↓	
GW-1(30-35)-063020		↓		1038		↓		↓	
GW-1(34-37)-063020		↓		1041		↓		↓	
VL-2(0-4)-063020		↓		1055		↓		↓	
VL-2(4-8)-063020		↓		1100		↓		↓	
VL-1(0-4)-063020		↓		1125		↓		↓	
VL-1(4-8)-063020		↓		1130		↓		↓	
R7-2(0-2)-063020		↓		1140		↓		↓	
R7-2(0-2)-063020 D		↓		1140		↓		↓	
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other		↓		↓		↓		↓	
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.		↓		↓		↓		↓	
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown		↓		↓		↓		↓	
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>Jaylen Blum</u>		Company: <u>Weston</u>		Date/Time: <u>6/30/20</u>		Received by: <u>P. Vard</u>		Company: <u>TA</u>	
Relinquished by: <u>P. Neal</u>		Company: <u>TA</u>		Date/Time: <u>6/30/20</u>		Received by:		Company:	
Relinquished by:		Company:		Date/Time:		Received in Laboratory by: <u>John Smith</u>		Company: <u>TA/CHET</u>	

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Address: _____

Regulatory Program: DW NPDES RCRA Other:

TAL-8210

Client Contact		Project Manager: Andre Slesers		Site Contact: T. Oberman		Date: 6/30/20		COC No:		
Company Name: <u>Weston</u>		Tel/Email:		Lab Contact: <u>D. Wright</u>		Carrier:		3 of 3 COCs		
Address: <u>300 Plaza Cr</u>		Analysis Turnaround Time								
City/State/Zip: <u>Mundelein, IL 60060</u>		<input type="checkbox"/> CALENDAR DAYS		<input type="checkbox"/> WORKING DAYS		Filtered Sample (Y/N) Perform MS / MSD (Y/N) VOCs SVOCs Total Metals TCLP/SRLP Metals PH				
Phone: <u>224-864-7201</u>		TAT if different from Below								
Fax:		<input type="checkbox"/> 2 weeks		Standard						
Project Name:		<input type="checkbox"/> 1 week								
Site:		<input type="checkbox"/> 2 days								
P O #		<input type="checkbox"/> 1 day								
								Sampler: For Lab Use Only: Walk-in Client: Lab Sampling: Job / SDG No.: <u>500-184284</u>		
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Sample Specific Notes:			
5 R7-1(0-2)-063020		6/30/20	1150	G	S	6				
T. Oberman 6/30/20										
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____										
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)					
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown					<input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months					
Special Instructions/QC Requirements & Comments:										
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No.:				
Relinquished by: <u>T. Oberman</u>		Company: <u>Weston</u>		Date/Time: <u>6/30/20 1300</u>		Received by: <u>P. Neal</u>		Company: <u>TA</u>		
Relinquished by: <u>P. Neal</u>		Company: <u>TA</u>		Date/Time: <u>6/30/20 1410</u>		Received by: _____		Company: _____		
Relinquished by: _____		Company: _____		Date/Time: _____		Received in Laboratory by: <u>Shirley Scott</u>		Company: <u>TA</u>		
								Date/Time: <u>6/30/20 1410</u>		



Illinois Environmental Protection Agency

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

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

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

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

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

I. Source Location Information

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

Project Name: FAP 870: N Columbine Ave Office Phone Number, if available: _____

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

536 W Woodland Ave (ISGS Site No. 3911-8)

City: Lombard State: IL Zip Code: _____

County: DuPage Township: _____

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

Latitude: 41.89136 Longitude: -88.03288
(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.): 22

II. Owner/Operator Information for Source Site

Site Owner

Name: Illinois Department of Transportation

Street Address: 201 W. Center Court

PO Box: _____

City: Schaumburg State: IL

Zip Code: 60196 Phone: _____

Contact: Irma Romiti-Johnson

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

Site Operator

Name: Illinois Department of Transportation

Street Address: 201 W. Center Court

PO Box: _____

City: Schaumburg State: IL

Zip Code: 60196 Phone: _____

Contact: Irma Romiti-Johnson

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

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

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

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

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

LOCATIONS R8-1 AND R8-2 WERE SAMPLED ADJACENT TO ISGS SITE No. 3911-8. SEE FIGURE 3-1 AND TABLE 4-1 OF THE FINAL PRELIMINARY SITE INVESTIGATION REPORT FOR SAMPLING DETAILS.

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

TESTAMERICA ANALYTICAL REPORT - JOB ID: 500-184238-1.

ALSO SEE FIGURE 4-1 OF THE FINAL PRELIMINARY SITE INVESTIGATION REPORT.

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

I, Margaret Doheny-Skubic, 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 Plaza Circle; Suite 202
 City: Mundelein State: IL Zip Code: 60060
 Phone: (224) 864-7200

Margaret Doheny-Skubic, P.G.

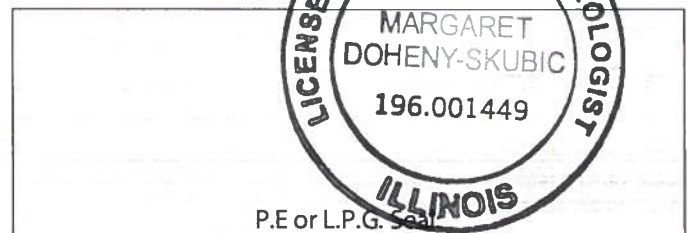
Printed Name:



Licensed Professional Engineer or
 Licensed Professional Geologist Signature:

12/21/2020

Date:



Summary Table of ISGS Site No. 3911-008
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
Illinois Department of Transportation
FAP 870: IL Route 53 From Woodland Avenue to Meadow Avenue
Lombard, DuPage County, Illinois

Location	R8-1	R8-2	Soil Reference Concentrations ^A
Sample Date	6/29/2020	6/29/2020	
Field Sample ID	R8-1(0-3)-062920	R8-2(0-3)-062920	
Lab Sample ID	500-184238-1	500-184238-2	
ISGS Site Number	3911-008	3911-008	
Parameters			
Laboratory pH	8.5	8.9	<6.25; >9.0
VOCs			
No Detections			
SVOCs			
Benzo(a)anthracene	ND	0.016 J	0.9 / 1.1 / 1.8
Benzo(a)pyrene	0.026 J	0.031 J	0.09 / 1.3 / 2.1
Benzo(b)fluoranthene	0.032 J	0.044	0.9 / 1.5 / 2.1
Benzo(g,h,i)perylene	ND	0.012 J	---
Chrysene	0.012 J	0.02 J	88.00001
Fluoranthene	0.012 J	0.026 J	3100
Indeno(1,2,3-cd)pyrene	0.026 J	0.031 J	0.9 / 0.9 / 1.6
Phenanthrene	0.0066 J	0.013 J	---
Pyrene	0.017 J	0.036 J	2300
Total Metals (mg/kg)			
Antimony, Total	1.2	1.1 J	5
Arsenic, Total	10	11	11.3 / 13.0
Barium, Total	54	55	1500
Beryllium, Total	0.91	0.94	22
Cadmium, Total	0.12	0.13	5.2
Calcium, Total	23000 B	23000 B	---
Chromium, Total	22	22	21
Cobalt, Total	15	17	20
Copper, Total	32	32	2900
Iron, Total	23000 B	23000 B	15000 / 15900
Lead, Total	21	26	107
Magnesium, Total	16000	13000	325000
Manganese, Total	330	400	630 / 636
Mercury, Total	0.24	0.13	0.89
Nickel, Total	42	44	100
Potassium, Total	3300	3200	---
Selenium, Total	ND	0.52 J	1.3
Sodium, Total	1600	1800	---
Vanadium, Total	27	31	550
Zinc, Total	79	76	5100
TCLP Metals (mg/kg)			
Arsenic, TCLP	ND	ND	0.05
Barium, TCLP	0.22 J	0.37 J	2
Beryllium, TCLP	ND	ND	0.004
Cadmium, TCLP	ND	ND	0.005
Chromium, TCLP	ND	ND	0.1
Cobalt, TCLP	ND	ND	1
Copper, TCLP	ND	ND	0.65
Iron, TCLP	ND	0.48	5
Lead, TCLP	ND	ND	0.0075
Manganese, TCLP	0.27	0.33	0.15
Mercury, TCLP	ND	ND	0.002
Nickel, TCLP	ND	ND	0.1
Selenium, TCLP	ND	ND	0.05
Zinc, TCLP	ND	ND	5
SPLP Metals (mg/kg)			
Arsenic, SPLP	0.13	0.11	0.05
Barium, SPLP	0.58	0.58	2
Beryllium, SPLP	0.011	0.0099	0.004
Cadmium, SPLP	ND	ND	0.005
Chromium, SPLP	0.22	0.19	0.1
Cobalt, SPLP	0.08	0.06	1
Copper, SPLP	0.32	0.25	0.65
Iron, SPLP	250	210	5
Lead, SPLP	0.2	0.12	0.0075
Manganese, SPLP	1	0.79	0.15
Mercury, SPLP	ND	ND	0.002
Nickel, SPLP	0.34	0.26	0.1
Selenium, SPLP	ND	ND	0.05
Zinc, SPLP	0.68	0.56	5

Notes:

--- - not applicable or value not available.

^A - Soil reference concentrations from MAC Table. Background values for Chicago corporate limits and MSA counties are included, as applicable.

J - Estimated concentration.

ND - Constituent not detected above the reporting limit.

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

ANALYTICAL REPORT

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

Laboratory Job ID: 500-184238-1

Client Project/Site: IDOT - Lombard - WO 012

For:

Weston Solutions, Inc.
300 Plaza Circle, Suite 202
Mundelein, Illinois 60060

Attn: Mr. Andris Slesers



Authorized for release by:
7/10/2020 1:59:13 PM

Richard Wright, Senior Project Manager
(708)746-0045
Richard.Wright@Eurofinset.com

LINKS

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

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

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

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: R8-1(0-3)-062920

Lab Sample ID: 500-184238-1

Date Collected: 06/29/20 10:00

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 82.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.0018		0.0018	0.00060	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00057	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00077	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
1,1-Dichloroethane	<0.0018		0.0018	0.00061	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
1,1-Dichloroethene	<0.0018		0.0018	0.00062	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
1,2-Dichloroethane	<0.0045		0.0045	0.0014	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
1,2-Dichloropropane	<0.0018		0.0018	0.00046	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00063	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
2-Hexanone	<0.0045		0.0045	0.0014	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
Acetone	<0.018		0.018	0.0078	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
Benzene	<0.0018		0.0018	0.00046	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
Bromodichloromethane	<0.0018		0.0018	0.00036	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
Bromoform	<0.0018		0.0018	0.00052	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
Bromomethane	<0.0045		0.0045	0.0017	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
Carbon disulfide	<0.0045		0.0045	0.00093	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
Carbon tetrachloride	<0.0018		0.0018	0.00052	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
Chlorobenzene	<0.0018		0.0018	0.00066	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
Chloroethane	<0.0045		0.0045	0.0013	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
Chloroform	<0.0018		0.0018	0.00062	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
Chloromethane	<0.0045		0.0045	0.0018	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00050	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00054	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
Dibromochloromethane	<0.0018		0.0018	0.00058	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
Ethylbenzene	<0.0018		0.0018	0.00086	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
Methyl Ethyl Ketone	<0.0045		0.0045	0.0020	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
methyl isobutyl ketone	<0.0045		0.0045	0.0013	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00053	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
Methylene Chloride	<0.0045		0.0045	0.0018	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
Styrene	<0.0018		0.0018	0.00054	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
Tetrachloroethene	<0.0018		0.0018	0.00061	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
Toluene	<0.0018		0.0018	0.00045	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00079	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00063	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
Trichloroethene	<0.0018		0.0018	0.00060	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
Vinyl chloride	<0.0018		0.0018	0.00079	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1
Xylenes, Total	<0.0036		0.0036	0.00057	mg/Kg	☼	06/30/20 17:51	07/01/20 15:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		70 - 134	06/30/20 17:51	07/01/20 15:16	1
4-Bromofluorobenzene (Surr)	115		75 - 131	06/30/20 17:51	07/01/20 15:16	1
Dibromofluoromethane	98		75 - 126	06/30/20 17:51	07/01/20 15:16	1
Toluene-d8 (Surr)	99		75 - 124	06/30/20 17:51	07/01/20 15:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.043	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
1,3-Dichlorobenzene	<0.20		0.20	0.045	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
1,4-Dichlorobenzene	<0.20		0.20	0.051	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: R8-1(0-3)-062920

Lab Sample ID: 500-184238-1

Date Collected: 06/29/20 10:00

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 82.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.090	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
2,4,6-Trichlorophenol	<0.39		0.39	0.14	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
2,4-Dichlorophenol	<0.39		0.39	0.094	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
2,4-Dinitrophenol	<0.80	F1	0.80	0.70	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
2,4-Dinitrotoluene	<0.20		0.20	0.063	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
2,6-Dinitrotoluene	<0.20		0.20	0.078	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
2-Chlorophenol	<0.20		0.20	0.068	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
2-Methylnaphthalene	<0.080		0.080	0.0073	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
2-Methylphenol	<0.20		0.20	0.064	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
2-Nitrophenol	<0.39		0.39	0.094	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
3 & 4 Methylphenol	<0.20		0.20	0.066	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
4,6-Dinitro-2-methylphenol	<0.80		0.80	0.32	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
4-Chloroaniline	<0.80		0.80	0.19	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
4-Nitroaniline	<0.39		0.39	0.17	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
4-Nitrophenol	<0.80		0.80	0.38	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Acenaphthene	<0.039		0.039	0.0071	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Anthracene	<0.039		0.039	0.0066	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Benzo[a]anthracene	<0.039		0.039	0.0053	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Benzo[a]pyrene	0.026	J	0.039	0.0077	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Benzo[b]fluoranthene	0.032	J	0.039	0.0085	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Benzo[g,h,i]perylene	<0.039	F1	0.039	0.013	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Benzo[k]fluoranthene	<0.039		0.039	0.012	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Butyl benzyl phthalate	<0.20		0.20	0.075	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Carbazole	<0.20		0.20	0.099	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Chrysene	0.012	J	0.039	0.011	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Dibenz(a,h)anthracene	<0.039	F1	0.039	0.0077	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Diethyl phthalate	<0.20		0.20	0.067	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Dimethyl phthalate	<0.20		0.20	0.052	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Di-n-octyl phthalate	<0.20		0.20	0.065	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Fluoranthene	0.012	J	0.039	0.0073	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Fluorene	<0.039		0.039	0.0056	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Hexachlorobenzene	<0.080		0.080	0.0092	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Hexachlorocyclopentadiene	<0.80		0.80	0.23	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Hexachloroethane	<0.20	F1	0.20	0.060	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: R8-1(0-3)-062920

Lab Sample ID: 500-184238-1

Date Collected: 06/29/20 10:00

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 82.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.026	J F1	0.039	0.010	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Naphthalene	<0.039		0.039	0.0061	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Nitrobenzene	<0.039		0.039	0.0099	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
N-Nitrosodi-n-propylamine	<0.080		0.080	0.048	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
N-Nitrosodiphenylamine	<0.20		0.20	0.047	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Pentachlorophenol	<0.80		0.80	0.64	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Phenanthrene	0.0066	J	0.039	0.0055	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Phenol	<0.20		0.20	0.088	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Pyrene	0.017	J	0.039	0.0079	mg/Kg	☼	07/07/20 08:43	07/08/20 02:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>2,4,6-Tribromophenol</i>	46		31 - 143				07/07/20 08:43	07/08/20 02:42	1
<i>2-Fluorobiphenyl</i>	61		43 - 145				07/07/20 08:43	07/08/20 02:42	1
<i>2-Fluorophenol</i>	67		31 - 166				07/07/20 08:43	07/08/20 02:42	1
<i>Nitrobenzene-d5</i>	51		37 - 147				07/07/20 08:43	07/08/20 02:42	1
<i>Phenol-d5</i>	76		30 - 153				07/07/20 08:43	07/08/20 02:42	1
<i>Terphenyl-d14</i>	109		42 - 157				07/07/20 08:43	07/08/20 02:42	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/09/20 06:16	07/09/20 19:44	1
Barium	0.22	J	0.50	0.050	mg/L		07/09/20 06:16	07/09/20 19:44	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/09/20 06:16	07/09/20 19:44	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 06:16	07/09/20 19:44	1
Chromium	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:44	1
Cobalt	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:44	1
Copper	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:44	1
Iron	<0.40		0.40	0.20	mg/L		07/09/20 06:16	07/09/20 19:44	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/09/20 06:16	07/09/20 19:44	1
Manganese	0.27		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:44	1
Nickel	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:44	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 06:16	07/09/20 19:44	1
Silver	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:44	1
Zinc	<0.50		0.50	0.020	mg/L		07/09/20 06:16	07/09/20 19:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.13		0.050	0.010	mg/L		07/09/20 06:13	07/09/20 19:59	1
Barium	0.58		0.50	0.050	mg/L		07/09/20 06:13	07/09/20 19:59	1
Beryllium	0.011		0.0040	0.0040	mg/L		07/09/20 06:13	07/09/20 19:59	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 06:13	07/09/20 19:59	1
Chromium	0.22		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 19:59	1
Cobalt	0.080		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 19:59	1
Copper	0.32		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 19:59	1
Iron	250		0.40	0.20	mg/L		07/09/20 06:13	07/09/20 19:59	1
Lead	0.20		0.0075	0.0075	mg/L		07/09/20 06:13	07/09/20 19:59	1
Manganese	1.0		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 19:59	1
Nickel	0.34		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 19:59	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 06:13	07/09/20 19:59	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: R8-1(0-3)-062920

Lab Sample ID: 500-184238-1

Date Collected: 06/29/20 10:00

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 82.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 19:59	1
Zinc	0.68		0.50	0.020	mg/L		07/09/20 06:13	07/09/20 19:59	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.2		1.1	0.22	mg/Kg	☼	07/06/20 17:00	07/07/20 11:36	1
Arsenic	10		0.57	0.20	mg/Kg	☼	07/06/20 17:00	07/07/20 11:36	1
Barium	54		0.57	0.065	mg/Kg	☼	07/06/20 17:00	07/07/20 11:36	1
Beryllium	0.91		0.23	0.053	mg/Kg	☼	07/06/20 17:00	07/07/20 11:36	1
Cadmium	0.12		0.11	0.021	mg/Kg	☼	07/06/20 17:00	07/07/20 11:36	1
Calcium	23000	B	11	1.9	mg/Kg	☼	07/06/20 17:00	07/07/20 11:36	1
Chromium	22		0.57	0.28	mg/Kg	☼	07/06/20 17:00	07/07/20 11:36	1
Cobalt	15		0.29	0.075	mg/Kg	☼	07/06/20 17:00	07/07/20 11:36	1
Copper	32		0.57	0.16	mg/Kg	☼	07/06/20 17:00	07/07/20 11:36	1
Iron	23000	B	11	5.9	mg/Kg	☼	07/06/20 17:00	07/07/20 11:36	1
Lead	21		0.29	0.13	mg/Kg	☼	07/06/20 17:00	07/07/20 11:36	1
Magnesium	16000		5.7	2.8	mg/Kg	☼	07/06/20 17:00	07/07/20 21:39	1
Manganese	330		0.57	0.083	mg/Kg	☼	07/06/20 17:00	07/07/20 11:36	1
Nickel	42		0.57	0.17	mg/Kg	☼	07/06/20 17:00	07/07/20 11:36	1
Potassium	3300		29	10	mg/Kg	☼	07/06/20 17:00	07/07/20 11:36	1
Selenium	<0.57		0.57	0.34	mg/Kg	☼	07/06/20 17:00	07/07/20 11:36	1
Silver	<0.29		0.29	0.074	mg/Kg	☼	07/06/20 17:00	07/07/20 11:36	1
Sodium	1600		57	8.4	mg/Kg	☼	07/06/20 17:00	07/07/20 11:36	1
Thallium	<0.57		0.57	0.28	mg/Kg	☼	07/06/20 17:00	07/07/20 11:36	1
Vanadium	27		0.29	0.067	mg/Kg	☼	07/06/20 17:00	07/07/20 11:36	1
Zinc	79		1.1	0.50	mg/Kg	☼	07/06/20 17:00	07/07/20 11:36	1

Method: 7470A - Mercury (CVAA) - TCLP

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0010		0.0010	0.0010	mg/L		07/09/20 09:10	07/10/20 08:51	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.24		0.018	0.0060	mg/Kg	☼	07/07/20 13:20	07/08/20 07:13	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.5		0.1	0.1	SU			07/02/20 10:59	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: R8-2(0-3)-062920

Lab Sample ID: 500-184238-2

Date Collected: 06/29/20 10:10

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 83.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.0018		0.0018	0.00059	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00056	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00076	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
1,1-Dichloroethane	<0.0018		0.0018	0.00060	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
1,1-Dichloroethene	<0.0018		0.0018	0.00061	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
1,2-Dichloroethane	<0.0044		0.0044	0.0014	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
1,2-Dichloropropane	<0.0018		0.0018	0.00046	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00062	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
2-Hexanone	<0.0044		0.0044	0.0014	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Acetone	<0.018		0.018	0.0077	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Benzene	<0.0018		0.0018	0.00045	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Bromodichloromethane	<0.0018		0.0018	0.00036	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Bromoform	<0.0018		0.0018	0.00052	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Bromomethane	<0.0044		0.0044	0.0017	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Carbon disulfide	<0.0044		0.0044	0.00092	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Carbon tetrachloride	<0.0018		0.0018	0.00051	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Chlorobenzene	<0.0018		0.0018	0.00065	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Chloroethane	<0.0044		0.0044	0.0013	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Chloroform	<0.0018		0.0018	0.00061	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Chloromethane	<0.0044		0.0044	0.0018	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00049	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00053	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Dibromochloromethane	<0.0018		0.0018	0.00058	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Ethylbenzene	<0.0018		0.0018	0.00084	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Methyl Ethyl Ketone	<0.0044		0.0044	0.0020	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
methyl isobutyl ketone	<0.0044		0.0044	0.0013	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00052	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Methylene Chloride	<0.0044		0.0044	0.0017	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Styrene	<0.0018		0.0018	0.00053	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Tetrachloroethene	<0.0018		0.0018	0.00060	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Toluene	<0.0018		0.0018	0.00045	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00078	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00062	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Trichloroethene	<0.0018		0.0018	0.00060	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Vinyl chloride	<0.0018		0.0018	0.00078	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1
Xylenes, Total	<0.0035		0.0035	0.00056	mg/Kg	☼	06/30/20 17:51	07/01/20 15:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		70 - 134	06/30/20 17:51	07/01/20 15:43	1
4-Bromofluorobenzene (Surr)	113		75 - 131	06/30/20 17:51	07/01/20 15:43	1
Dibromofluoromethane	101		75 - 126	06/30/20 17:51	07/01/20 15:43	1
Toluene-d8 (Surr)	97		75 - 124	06/30/20 17:51	07/01/20 15:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.045	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: R8-2(0-3)-062920

Lab Sample ID: 500-184238-2

Date Collected: 06/29/20 10:10

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 83.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.088	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
2,4-Dichlorophenol	<0.38		0.38	0.092	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
2,4-Dimethylphenol	<0.38		0.38	0.15	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
2,4-Dinitrophenol	<0.78		0.78	0.68	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
2,4-Dinitrotoluene	<0.19		0.19	0.061	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
2,6-Dinitrotoluene	<0.19		0.19	0.076	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
2-Chloronaphthalene	<0.19		0.19	0.043	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
2-Chlorophenol	<0.19		0.19	0.066	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
2-Methylnaphthalene	<0.078		0.078	0.0071	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
2-Methylphenol	<0.19		0.19	0.062	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
2-Nitroaniline	<0.19		0.19	0.052	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
2-Nitrophenol	<0.38		0.38	0.091	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
3 & 4 Methylphenol	<0.19		0.19	0.064	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.054	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
4,6-Dinitro-2-methylphenol	<0.78		0.78	0.31	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.051	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
4-Chloroaniline	<0.78		0.78	0.18	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
4-Nitrophenol	<0.78		0.78	0.37	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Acenaphthene	<0.038		0.038	0.0069	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Acenaphthylene	<0.038		0.038	0.0051	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Anthracene	<0.038		0.038	0.0064	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Benzo[a]anthracene	0.016	J	0.038	0.0052	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Benzo[a]pyrene	0.031	J	0.038	0.0075	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Benzo[b]fluoranthene	0.044		0.038	0.0083	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Benzo[g,h,i]perylene	0.012	J	0.038	0.012	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Benzo[k]fluoranthene	<0.038		0.038	0.011	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.058	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.071	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Butyl benzyl phthalate	<0.19		0.19	0.073	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Carbazole	<0.19		0.19	0.096	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Chrysene	0.020	J	0.038	0.011	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Dibenz(a,h)anthracene	<0.038		0.038	0.0075	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Diethyl phthalate	<0.19		0.19	0.065	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Di-n-butyl phthalate	<0.19		0.19	0.059	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Di-n-octyl phthalate	<0.19		0.19	0.063	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Fluoranthene	0.026	J	0.038	0.0072	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Fluorene	<0.038		0.038	0.0054	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Hexachlorobenzene	<0.078		0.078	0.0089	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Hexachlorobutadiene	<0.19		0.19	0.061	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Hexachlorocyclopentadiene	<0.78		0.78	0.22	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Hexachloroethane	<0.19		0.19	0.059	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: R8-2(0-3)-062920

Lab Sample ID: 500-184238-2

Date Collected: 06/29/20 10:10

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 83.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.031	J	0.038	0.010	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Naphthalene	<0.038		0.038	0.0059	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Nitrobenzene	<0.038		0.038	0.0096	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
N-Nitrosodi-n-propylamine	<0.078		0.078	0.047	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
N-Nitrosodiphenylamine	<0.19		0.19	0.046	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Pentachlorophenol	<0.78		0.78	0.62	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Phenanthrene	0.013	J	0.038	0.0054	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Phenol	<0.19		0.19	0.086	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Pyrene	0.036	J	0.038	0.0077	mg/Kg	☼	07/07/20 08:43	07/07/20 23:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	56		31 - 143				07/07/20 08:43	07/07/20 23:20	1
2-Fluorobiphenyl	85		43 - 145				07/07/20 08:43	07/07/20 23:20	1
2-Fluorophenol	86		31 - 166				07/07/20 08:43	07/07/20 23:20	1
Nitrobenzene-d5	75		37 - 147				07/07/20 08:43	07/07/20 23:20	1
Phenol-d5	89		30 - 153				07/07/20 08:43	07/07/20 23:20	1
Terphenyl-d14	105		42 - 157				07/07/20 08:43	07/07/20 23:20	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		07/09/20 06:16	07/09/20 19:47	1
Barium	0.37	J	0.50	0.050	mg/L		07/09/20 06:16	07/09/20 19:47	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		07/09/20 06:16	07/09/20 19:47	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 06:16	07/09/20 19:47	1
Chromium	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:47	1
Cobalt	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:47	1
Copper	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:47	1
Iron	0.48		0.40	0.20	mg/L		07/09/20 06:16	07/09/20 19:47	1
Lead	<0.0075		0.0075	0.0075	mg/L		07/09/20 06:16	07/09/20 19:47	1
Manganese	0.33		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:47	1
Nickel	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:47	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 06:16	07/09/20 19:47	1
Silver	<0.025		0.025	0.010	mg/L		07/09/20 06:16	07/09/20 19:47	1
Zinc	<0.50		0.50	0.020	mg/L		07/09/20 06:16	07/09/20 19:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.11		0.050	0.010	mg/L		07/09/20 06:13	07/09/20 20:03	1
Barium	0.58		0.50	0.050	mg/L		07/09/20 06:13	07/09/20 20:03	1
Beryllium	0.0099		0.0040	0.0040	mg/L		07/09/20 06:13	07/09/20 20:03	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		07/09/20 06:13	07/09/20 20:03	1
Chromium	0.19		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 20:03	1
Cobalt	0.060		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 20:03	1
Copper	0.25		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 20:03	1
Iron	210		0.40	0.20	mg/L		07/09/20 06:13	07/09/20 20:03	1
Lead	0.12		0.0075	0.0075	mg/L		07/09/20 06:13	07/09/20 20:03	1
Manganese	0.79		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 20:03	1
Nickel	0.26		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 20:03	1
Selenium	<0.050		0.050	0.020	mg/L		07/09/20 06:13	07/09/20 20:03	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Client Sample ID: R8-2(0-3)-062920

Lab Sample ID: 500-184238-2

Date Collected: 06/29/20 10:10

Matrix: Solid

Date Received: 06/30/20 09:50

Percent Solids: 83.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		07/09/20 06:13	07/09/20 20:03	1
Zinc	0.56		0.50	0.020	mg/L		07/09/20 06:13	07/09/20 20:03	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.1	J	1.2	0.22	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Arsenic	11		0.58	0.20	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Barium	55		0.58	0.066	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Beryllium	0.94		0.23	0.054	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Cadmium	0.13		0.12	0.021	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Calcium	23000	B	12	2.0	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Chromium	22		0.58	0.29	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Cobalt	17		0.29	0.076	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Copper	32		0.58	0.16	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Iron	23000	B	12	6.0	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Lead	26		0.29	0.13	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Magnesium	13000		5.8	2.9	mg/Kg	☼	07/06/20 17:00	07/07/20 21:43	1
Manganese	400		0.58	0.084	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Nickel	44		0.58	0.17	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Potassium	3200		29	10	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Selenium	0.52	J	0.58	0.34	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Silver	<0.29		0.29	0.075	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Sodium	1800		58	8.6	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Thallium	<0.58		0.58	0.29	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Vanadium	31		0.29	0.068	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1
Zinc	76		1.2	0.51	mg/Kg	☼	07/06/20 17:00	07/07/20 11:40	1

Method: 7470A - Mercury (CVAA) - TCLP

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0010		0.0010	0.0010	mg/L		07/09/20 09:10	07/10/20 08:53	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.13		0.020	0.0065	mg/Kg	☼	07/07/20 13:20	07/08/20 07:15	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.9		0.1	0.1	SU			07/02/20 11:00	1

Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
*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.

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

Glossary

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

Accreditation/Certification Summary

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lombard - WO 012

Job ID: 500-184238-1

Laboratory: Eurofins TestAmerica, Chicago

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

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	IL00035	04-30-20 *

Laboratory: Eurofins TestAmerica, Cedar Falls

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


Authority	Program	Identification Number	Expiration Date
AIHA-LAP, LLC	Industrial Hygiene Laboratory Accreditation Program (IHLAP)	101044	11-01-20
Colorado	Petroleum Storage Tank Program	IA100001 (OR)	09-29-20
Georgia	State	IA100001 (OR)	09-29-20
Illinois	NELAP	200024	11-29-20
Iowa	State	007	12-01-21
Kansas	NELAP	E-10341	01-31-21
Minnesota	NELAP	019-999-319	12-31-20
Minnesota (Petrofund)	State	3349	08-22-21
North Dakota	State	R-186	09-30-20
Oregon	NELAP	IA100001	09-29-20
USDA	US Federal Programs	P330-19-00003	01-02-22

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

Eurofins TestAmerica, Chicago

Address: _____

Regulatory Program: DW NPDES RCRA Other:

Client Contact		Project Manager: Andris Slesers		Site Contact: T. Oberman		Date: 6/29/20		COC No: _____																					
Company Name: Weston		Tel/Email: _____		Lab Contact: D. Wright		Carrier: _____		1 of 2 COCs																					
Address: 300 Plaza Cr		Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below <input type="checkbox"/> 2 weeks Standard <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day																											
City/State/Zip: Mundelein, IL 60060																													
Phone: 224-864-7201																													
Fax: _____																													
Project Name: Lombard - 012																													
Site: _____		Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	VOCs SVOCs Total Metals TCLP/SPLP Metals PH	500-184238 COC  570-184238	Sampler: For Lab Use Only: Walk-in Client: Lab Sampling: Job / SDG No.: 570-184238 Sample Specific Notes:																
1	RG-1 (0-3)-062920	6/29/20	1000	Gr	S	6				X	X	X	X	X															
2	RG-2 (0-3)-062920	6/29/20	1010		S	6																							
3	BA-1 (0-4)-062920	6/29/20	1035		S	6																							
4	BA-1 (4-8)-062920	6/29/20	1040		S	6																							
5	BA-2 (0-4)-062920	6/29/20	1105		S	6																							
6	BA-2 (4-8)-062920	6/29/20	1110		S	6																							
7	GW-2 (0-5)-062920		1130		S	6																							
8	GW-2 (5-10)-062920		1140		S	6																							
9	GW-2 (5-10)-062920 D		1140		S	6																							
10	GW-2 (10-15)-062920		1150		S	6																							
11	GW-2 (15-20)-062920		1200		S	6																							
12	GW-2 (20-25)-062920		1210		S	6																							
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other										Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)																			
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.										<input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months																			
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown																													
Special Instructions/QC Requirements & Comments:																													
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No					Custody Seal No.:					Cooler Temp. (°C) Obs'd: 5.8, 5.3					Therm ID No.:														
Relinquished by: T. Oberman					Company: Weston					Date/Time: 6/29/20 1500					Received by: [Signature]					Company: TA					Date/Time: 6/29/20 1500				
Relinquished by: [Signature]					Company: TA					Date/Time: 6/30/20 0845					Received by: [Signature]					Company: TA					Date/Time: 6/30/20 0845				
Relinquished by: [Signature]					Company: TA					Date/Time: 6/30/20 0950					Received in Laboratory by: [Signature]					Company: TA-CHI					Date/Time: 6/30/20 0950				

