



Weston Solutions, Inc.
Suite 360
300 Knightsbridge Parkway
Lincolnshire, IL 60069
224-864-7200
WestonSolutions.com

CONFIDENTIAL

15 September 2021

Ms. Kari Smith, P.E.
Economic Analysis Coordinator
Illinois Department of Transportation
Bureau of Design
201 W. Center Court
Schaumburg, IL 60196

Work Order No.: 02056-016-019

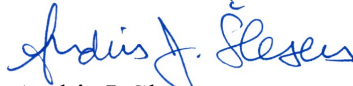
Re: Final PSI
IDOT Job No.: D-91-056-19
Project Job No.: D-91-206-19
District: 1
County: Will
Municipality: Various
Route: FAI 80
Marked: I-80
Street: Not Listed
From To/At: Ridge Road to the DuPage River

PTB: 190-006 / W-11
Work Order No.: 019
BDE Sequence No.: 15923A
Requesting Agency: DOH
Contract No.: 62N31
Section No.: Not Listed
ISGS PESA No.: 2233V2
Letting Date: 21 January 2022
Final PSI Completion: 8 October 2021

Dear Ms. Smith:

Please find attached a copy of the Final Preliminary Site Investigation (PSI) report for the above-referenced project related to Contract 62N31. Illinois Department of Transportation's (IDOT's) comments dated 2 September 2021 have been addressed and incorporated into this revision.

If you have any questions or require additional information, please call me at 224-864-7201.

Very truly yours,
Weston Solutions, Inc.

Andris J. Slesers
Program Manager

AS/tg

CONFIDENTIAL

**FINAL
PRELIMINARY SITE INVESTIGATION REPORT
FOR THE PRELIMINARY SITE INVESTIGATION
OF POTENTIAL WASTE SITES
FAI 80 – INTERSTATE 80 (I-80)
FROM RIDGE ROAD TO THE DUPAGE RIVER
WILL COUNTY, ILLINOIS**

**AGREEMENT No. PTB 190-006 / W-11
WESTON WORK ORDER No. 019
ISGS REPORT No. 2233V2
ANTICIPATED LETTING DATE: 21 January 2022
IDOT JOB No. D-91-056-19
Project No. D-91-206-19
CONTRACT No. 62N31
SECTION No. Not Listed
SEQUENCE No. 15923A**

Prepared for

**ILLINOIS DEPARTMENT OF TRANSPORTATION
BUREAU OF DESIGN – DISTRICT ONE
201 West Center Court
Schaumburg, Illinois 60196-1096**

Prepared by

WESTON SOLUTIONS, INC.
300 Knightsbridge Pkwy, Suite 360
Lincolnshire, Illinois 60069

15 September 2021

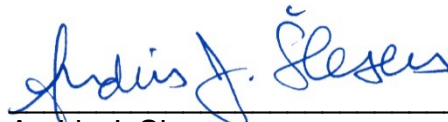
**FINAL
PRELIMINARY SITE INVESTIGATION REPORT
FOR THE PRELIMINARY SITE INVESTIGATION
OF POTENTIAL WASTE SITES
FAI 80 – INTERSTATE 80 (I-80)
FROM RIDGE ROAD TO THE DUPAGE RIVER
WILL COUNTY, ILLINOIS**

Prepared for
**ILLINOIS DEPARTMENT OF TRANSPORTATION
BUREAU OF DESIGN – DISTRICT ONE**
201 West Center Court
Schaumburg, Illinois 60196-1096

15 September 2021



Michael A. Castillo, P.G.
Task Order Manager



Andris J. Slesers
Program Manager

Prepared by

WESTON SOLUTIONS, INC.
300 Knightsbridge Pkwy, Suite 360
Lincolnshire, Illinois 60069

WESTON Work Order No. 02056.016.019

TABLE OF CONTENTS

Section	Page
SECTION 1 INTRODUCTION	1-1
SECTION 2 BACKGROUND INFORMATION	2-1
2.1 PROJECT DESCRIPTION.....	2-1
2.2 ANTHROPOGENIC SOURCES OF MANGANESE.....	2-2
2.3 SITE GEOLOGICAL AND HYDROGEOLOGICAL CONDITIONS	2-2
SECTION 3 FIELD INVESTIGATION PROCEDURES	3-1
3.1 SOIL SAMPLING PROCEDURES	3-1
SECTION 4 INVESTIGATION RESULTS	4-1
4.1 REFERENCE CONCENTRATIONS	4-2
4.1.1 Soil Reference Concentrations – IDOT ROW and Acquisition Areas.....	4-2
4.1.2 Soil Reference Concentrations – Construction Worker Exposure Route.....	4-3
4.2 FIELD OBSERVATIONS	4-4
4.3 I-80 ROW (ISGS SITE NO 2233V2-1)	4-4
4.3.1 Analytical Results	4-4
4.3.2 Nature and Extent of Contaminants of Concern	4-5
4.4 SOIL MANAGEMENT AREAS AND APPLICABLE SPECIAL PROVISION REGULATIONS	4-14
SECTION 5 CONCLUSIONS AND RECOMMENDATIONS	5-1
5.1 I-80 ROW (ISGS SITE NO. 2233V2-1)	5-1
5.1.1 Conclusions.....	5-1
5.1.2 Recommendations	5-3
5.2 PREVENTION OF ACCELERATED CONTAMINANT MIGRATION.....	5-4
5.2.1 Source Reduction/Elimination	5-5
5.2.2 Limited Restrictive Barriers.....	5-5
5.2.3 Stormwater Runoff Controls	5-5

TABLES

Title	Page
Table 3-1 Summary of Sampling Program.....	3-3
Table 4-1 Field Observations and Sampling Rationale.....	4-19
Table 4-2 Comparison of Detected Constituents to Applicable Reference Concentrations – Soil Analytical Results – Organics	4-24
Table 4-3 Comparison of Detected Constituents to Applicable Reference Concentrations – Soil Analytical Results – Inorganics	4-37
Table 4-4 Estimate of Impacted Soil and Construction Management Costs within IDOT Construction Areas – I-80 ROW (ISGS Site No. 2233V2-1).....	4-50
Table 5-1 Estimated Disposal Costs for Impacted Soil and Groundwater within IDOT Construction Areas	5-6

FIGURES

Title	Page
Figure 1-1 Project Location Map	1-3
Figure 3-1 Soil Boring Location Map – FAI 80: Interstate 80 (I-80) – Station 150+00 to 163+00.....	3-4
Figure 3-2 Soil Boring Location Map – FAI 80: Interstate 80 (I-80) – Station 163+00 to 176+00.....	3-5
Figure 3-3 Soil Boring Location Map – FAI 80: Interstate 80 (I-80) – Station 176+00 to 189+00.....	3-6
Figure 3-4 Soil Boring Location Map – FAI 80: Interstate 80 (I-80) – Station 189+00 to 202+00.....	3-7
Figure 3-5 Soil Boring Location Map – FAI 80: Interstate 80 (I-80) – Station 202+00 to 215+00.....	3-8
Figure 3-6 Soil Boring Location Map – FAI 80: Interstate 80 (I-80) – Station 215+00 to 228+00.....	3-9
Figure 3-7 Soil Boring Location Map – FAI 80: Interstate 80 (I-80) – Station 228+00 to 241+00.....	3-10
Figure 3-8 Soil Boring Location Map – FAI 80: Interstate 80 (I-80) – Station 241+00 to 254+00.....	3-11
Figure 3-9 Soil Boring Location Map – FAI 80: Interstate 80 (I-80) – Station 254+00 to 267+00.....	3-12
Figure 3-10 Soil Boring Location Map – FAI 80: Interstate 80 (I-80) – Station 267+00 to 280+00.....	3-13
Figure 3-11 Soil Boring Location Map – FAI 80: Interstate 80 (I-80) – Station 280+00 to 293+00.....	3-14
Figure 3-12 Soil Boring Location Map – FAI 80: Interstate 80 (I-80) – Station 293+00 to 306+00.....	3-15
Figure 3-13 Soil Boring Location Map – FAI 80: Interstate 80 (I-80) – Station 306+00 to 319+00.....	3-16
Figure 4-1 Extent of Potentially Impacted Soil – FAI 80: Interstate 80 (I-80) – Station 150+00 to 163-00.....	4-55

FIGURES

Title	Page
Figure 4-1a Investigation Results - FAI 80: Interstate 80 (I-80) – Station 150+00 to 163-00.....	4-56
Figure 4-2 Extent of Potentially Impacted Soil – FAI 80: Interstate 80 (I-80) – Station 163+00 to 176-00.....	4-57
Figure 4-2a Investigation Results - FAI 80: Interstate 80 (I-80) – Station 163+00 to 176-00.....	4-58
Figure 4-3 Extent of Potentially Impacted Soil – FAI 80: Interstate 80 (I-80) – Station 176+00 to 189-00.....	4-59
Figure 4-3a Investigation Results – FAI 80: Interstate 80 (I-80) – Station 176+00 to 189-00.....	4-60
Figure 4-4 Extent of Potentially Impacted Soil – FAI 80: Interstate 80 (I-80) – Station 189+00 to 202-00.....	4-61
Figure 4-4a Investigation Results – FAI 80: Interstate 80 (I-80) – Station 189+00 to 202-00.....	4-62
Figure 4-5 Extent of Potentially Impacted Soil – FAI 80: Interstate 80 (I-80) – Station 202+00 to 215-00.....	4-63
Figure 4-5a Investigation Results – FAI 80: Interstate 80 (I-80) – Station 202+00 to 215-00.....	4-64
Figure 4-6 Extent of Potentially Impacted Soil – FAI 80: Interstate 80 (I-80) – Station 215+00 to 228-00.....	4-65
Figure 4-6a Investigation Results – FAI 80: Interstate 80 (I-80) – Station 215+00 to 228-00.....	4-66
Figure 4-7 Extent of Potentially Impacted Soil – FAI 80: Interstate 80 (I-80) – Station 228+00 to 241-00.....	4-67
Figure 4-7a Investigation Results – FAI 80: Interstate 80 (I-80) – Station 228+00 to 241-00.....	4-68
Figure 4-8 Extent of Potentially Impacted Soil – FAI 80: Interstate 80 (I-80) – Station 241+00 to 254-00.....	4-69
Figure 4-8a Investigation Results – FAI 80: Interstate 80 (I-80) – Station 241+00 to 254-00.....	4-70

FIGURES

Title	Page
Figure 4-9 Extent of Potentially Impacted Soil – FAI 80: Interstate 80 (I-80) – Station 254+00 to 267-00.....	4-71
Figure 4-9a Investigation Results – FAI 80: Interstate 80 (I-80) – Station 254+00 to 267-00.....	4-72
Figure 4-10 Extent of Potentially Impacted Soil – FAI 80: Interstate 80 (I-80) – Station 267+00 to 280-00.....	4-73
Figure 4-10a Investigation Results – FAI 80: Interstate 80 (I-80) – Station 267+00 to 280-00.....	4-74
Figure 4-11 Extent of Potentially Impacted Soil – FAI 80: Interstate 80 (I-80) – Station 280+00 to 293-00.....	4-75
Figure 4-11a Investigation Results – FAI 80: Interstate 80 (I-80) – Station 280+00 to 293-00.....	4-76
Figure 4-12 Extent of Potentially Impacted Soil – FAI 80: Interstate 80 (I-80) – Station 293+00 to 306-00.....	4-77
Figure 4-12a Investigation Results – FAI 80: Interstate 80 (I-80) – Station 293+00 to 306-00.....	4-78
Figure 4-13 Extent of Potentially Impacted Soil – FAI 80: Interstate 80 (I-80) – Station 306+00 to 319-00.....	4-79

APPENDICES

Title

Appendix A Soil Boring Logs

Appendix B Uncontaminated Soil Certifications – IEPA Form LPC-663

Appendix C Breakdown of Estimated Volumes

Appendix D Analytical Data Tables

Appendix E Analytical Data Reports

Appendix F Background Information

ACRONYM LIST

ADR	Automated Data Review
bgs	below ground surface
CCDD	clean construction demolition debris
ft	feet
GRO	groundwater remediation objective
HAA	Highway Authority Agreement
i.d.	inside diameter
IDOT	Illinois Department of Transportation
IEMA	Illinois Emergency Management Agency
IEPA	Illinois Environmental Protection Agency
ISGS	Illinois State Geological Survey
MAC	Maximum Allowable Concentrations
MSA	Metropolitan Statistical Area
NRCS	National Resources Conservation Service
PAH	polynuclear aromatic hydrocarbon
PCB	polychlorinated biphenyls
PESA	Preliminary Environmental Site Assessment
PID	photo-ionization detector
PNA	polynuclear aromatic hydrocarbons
PSI	Preliminary Site Investigation
QA/QC	quality assurance/quality control
REC	recognized environmental conditions
ROW	Right-of-Way
RSFCR	Regulated Substances Final Construction Report
RSMDR	Regulated Substances Monitoring Daily Record
RSPCP	Regulated Substances Pre-Construction Plan
SOP	Standard Operating Procedures
SPLP	synthetic precipitation leaching procedure
SRO	Soil Remediation Objective
s.u.	standard unit
SVOC	semi- volatile organic compound

ACRONYM LIST (CONTINUED)

TACO	Tiered Approach to Cleanup Objectives
TCLP	toxicity characteristic leaching procedure
TestAmerica	Laboratories, Inc.
USDA	United States Department of Agriculture
USEPA	United States Environmental Protection Agency
USFO	uncontaminated soil fill operation
VOC	volatile organic compound
WESTON	Weston Solutions, Inc.
yd ³	cubic yard

SECTION 1 INTRODUCTION

Weston Solutions, Inc. (WESTON®) has prepared this Preliminary Site Investigation (PSI) Report at the request of the Illinois Department of Transportation, District One (IDOT), to investigate potential subsurface contamination within the existing and/or proposed right-of-way (ROW) of an IDOT construction project. The project is located along FAI 80 – Interstate 80 (I-80) from Ridge Road to the DuPage River, in Will County, Illinois, as shown on Figure 1-1. This PSI Work Plan was developed in accordance with guidelines stipulated by IDOT in the Work Order Agreement for Waste Assessments and Investigations, Various Routes, Various Counties, Region One, District One (Agreement No. PTB 173-011). The PSI was executed in accordance with guidelines stipulated by IDOT in the Work Order Agreement for Waste Assessments and Investigations, Various Routes, Various Counties, Region One, District One (Agreement No. PTB 190-006), under Waste Assessment Work Order No. 019.

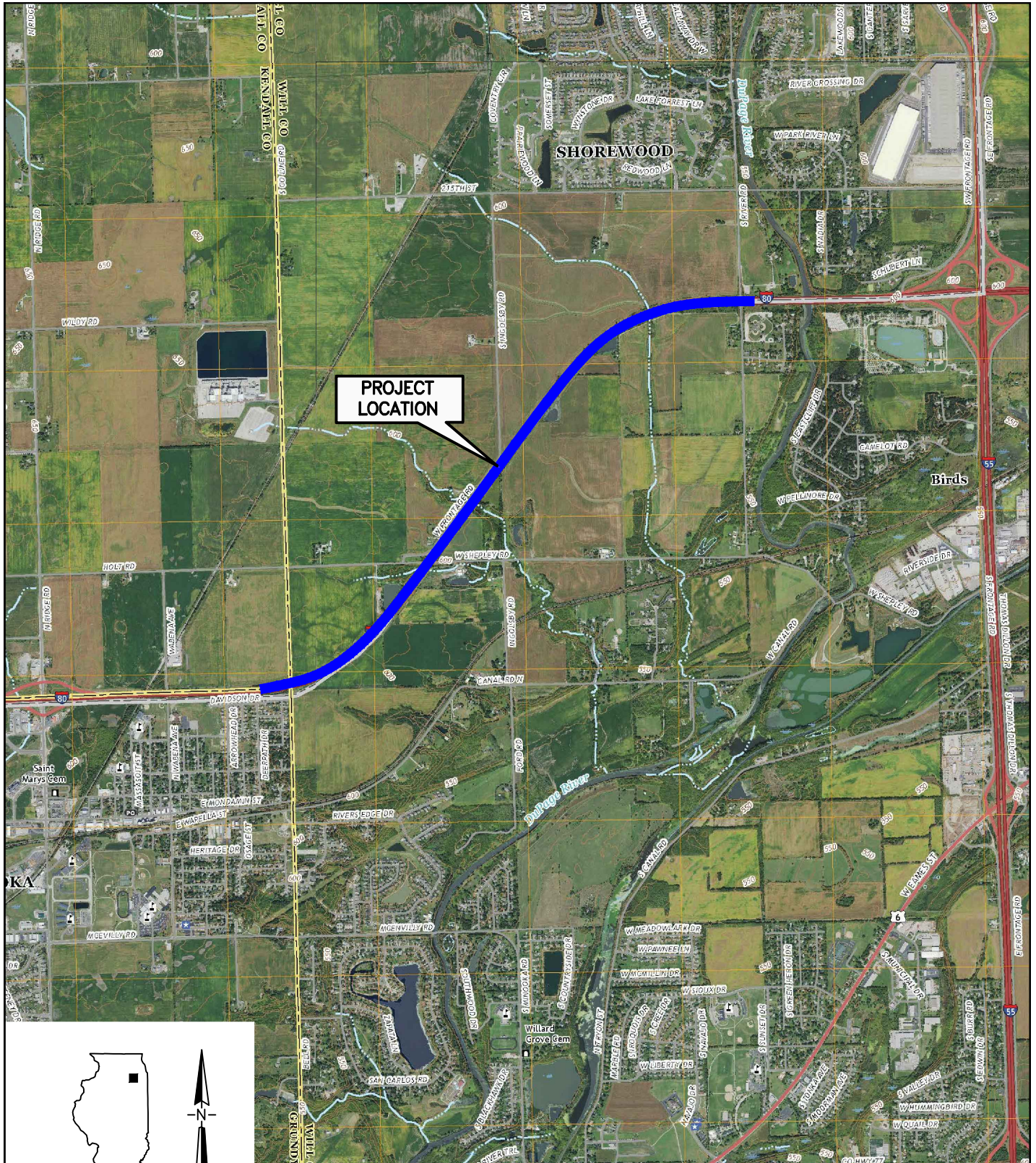
This PSI was undertaken to determine the presence and nature of subsurface contamination in specific areas of the existing and/or proposed IDOT ROW; and to evaluate the lateral and vertical extent of contamination within the proposed construction area that could prevent the timely completion of the IDOT construction project. Specific objectives of the PSI include the following:

- Determine, to the degree possible pursuant to this scope of work, the nature and extent of subsurface contamination within the soil of the project area. This determination specifically includes those areas in which subsurface excavation activities will be completed in support of construction activities.
- Develop an approach, including approximate volume estimates and associated cost estimates, for the proper handling and/or disposal of contaminated soil that are likely to be encountered during the proposed construction activities within the existing and/or proposed IDOT ROW.
- Assess the potential for the further or continued contamination of existing IDOT property caused by the migration of contaminants from adjacent properties to within the project area.
- Assess the potential for the release of contaminants resulting from the proposed construction activities within the project area.

- Generate the data necessary to evaluate the potential for construction workers on-site to be exposed to contaminants.
- Prepare a preliminary site investigation report presenting the findings of the investigation, conclusions, and recommendations addressing all the above-referenced objectives.

Section 2 of this report presents a description of the project area and the proposed improvement project; and the findings of the preliminary environmental site assessment (PESA). Section 3 presents a summary of field investigation activities, as well as a description of the field protocols and procedures followed during the completion of this PSI. Section 4 presents investigation results including field observations, site-specific geology and hydrogeology characteristics, and analytical results for soil samples collected. Section 4 also contains an evaluation of the nature and extent of potentially impacted soil, along with estimates of volumes and associated costs for any material that may require off-site management. Conclusions and recommendations are presented in Section 5.

Soil boring logs generated during this investigation are presented in Appendix A. Appendix B contains an Illinois Environmental Protection Agency (IEPA) Form LPC-663, Uncontaminated Soil Certifications, for the project for soil that may be managed to a clean construction and demolition debris (CCDD) or an uncontaminated soil fill operation (USFO). Breakdown of estimated impacted soil volume calculations are presented in Appendix C. Analytical data summary tables are presented in Appendix D. Raw laboratory analytical data reports and data validation reports are provided in Appendix E. Appendix F provides background information of the potential waste sites.



SOURCE: U.S.G.S. 7.5 MINUTE TOPOGRAPHIC MAPS.
 CHANNAHON, MINOOKA, PLAINFIELD, YORKVILLE SE, ILLINOIS QUADRANGLES.

IDOT PROJECT NO. W11-19
 IDOT CONTRACT NO. 62N31

FIGURE 1-1



300 Knightsbridge Pkwy
 Suite 360
 Lincolnshire, Illinois
 60069

PROJECT LOCATION MAP
 FAI 80: INTERSTATE 80 (I-80) AT SHEPLEY ROAD
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 Will County, Illinois

SECTION 2 BACKGROUND INFORMATION

The IDOT-provided pertinent and relevant background data and information, which was used to develop and carry out the PSI scope of work, is detailed in the Work Plan for this project. This includes information describing proposed IDOT construction activities, and key findings of previous investigations. A brief project description and the site geologic and hydrogeologic conditions are provided below. Additional background information is contained in Appendix F.

2.1 PROJECT DESCRIPTION

The Illinois State Geological Survey (ISGS) PESA Report Nos. 2233, 2233V, and 2233V2 included evaluation of 355 sites of these sites, the ISGS identified over 200 to have recognized environmental conditions (RECs) along the existing ROW for this IDOT project. For this PSI project, one site has the potential of impacting the proposed construction project and will therefore require additional investigation. The REC property, including the proposed modifications to the existing roadway and associated RECs, is as follows:

I-80 ROW (ISGS Site No. 2233V2-1) – Contract ADV-1: Excavation for shoulder widening, rehabilitation, grading, and shaping to a maximum depth of 1.5 feet (ft) below ground surface (bgs). Anticipated soil excavation volume is 17,105 cubic yards (cy).

Identified RECs associated with this property include: Evidence of unspecified release of fuel, motor oil, and/or chemicals.

Based on direction from IDOT, District 1 roadway projects require characterization of all soil that is to be removed during the project. This includes soil associated with sites that have only de minimis conditions and sites without RECs and de minimis conditions. No sites with only de minimis conditions or without RECs were identified where excess soil will be generated as a result of the proposed modifications to the existing roadway.

Based on a review of IDOT construction plans and specification provided by District 1, ROW acquisition will not be required.

A description of the subject property with RECs, based on ISGS Report Nos. 2233, 2233V, and 2233V2, is presented in the IDOT-approved Work Plan, dated 8 April 2021. Detailed information from the ISGS PESA report is contained in Appendix F.

2.2 ANTHROPOGENIC SOURCES OF MANGANESE

The origin of anthropogenic manganese is most likely to be related to an industry that processes a manganese-rich ore. Most of the manganese produced is used in the steel industry, where manganese enhances the usability of metal. The aluminum and copper industries also add manganese in their production. Manganese is used in the production of batteries, as an additive to fuels, and in the chemical industry.

The ToxGuide™ for Manganese, dated October 2012, and published by the U.S. Department of Health and Human Service Agency for Toxic Substances and Disease Registry is included in Appendix F. This ToxGuide indicates manganese is a naturally occurring substance found mainly in oxides, carbonates, and silicates. Manganese can be released into the atmosphere via natural and anthropogenic processes. Major industrial sources of manganese are iron and steel production facilities, power plants, and coke oven emissions.

Based on ISGS PESA No. 2233V, the subject area does not include, nor historically include, the types of industries identified above; therefore, it is likely that concentrations of manganese that may be identified in soil are naturally occurring and not anthropogenic.

2.3 SITE GEOLOGICAL AND HYDROGEOLOGICAL CONDITIONS

The uppermost unit in the project area, to the west of S. River Rd., is made up of Ordovician-age rocks of the Maquoketa Shale, which is characterized by shales. The uppermost unit in the project area, to the east of S. River Rd., is made up of rocks of the Silurian System, which is characterized by dolomites. Surficial deposits are 0 to 50 feet thick within the project area. ISGS Site 2322V2-1 runs throughout the entire project area and consists of the Wedron Group, described as silty and clayey glacial material, and Silurian and Devonian rocks which consist mainly of dolomite. ISGS Sites 2322V-20 and

2322V-21, adjacent to the project area, consist partially of the Equality Formation, Carmi Member, which consists of silt, clay, and sand.

Along the project ROW, the National Resources Conservation Service (NRCS) has classified the Milford silty clay loam, 0 to 2 percent slopes, the Elpaso silty clay loam, 0 to 2 percent slopes, the Ashkum silty clay loam, 0 to 2 percent slopes, the Joliet silt loam, 0 to 2 percent slopes, the Millsdale silty clay loam, 0 to 2 percent slopes, the Bryce silty clay, 0 to 2 percent slopes, and the Romeo silt loam, 0 to 2 percent slopes as hydric. Non-prime farmland soils along the ROW are the Orthents, loamy, undulating, the Ozaukee silt loam, 12 to 20 percent slopes, eroded, the Elizabeth silt loam, 6 to 12 percent slopes, the Elizabeth silt loam, 12 to 20 percent slopes, the Elizabeth silt loam, 20 to 30 percent slopes, the gravel pits, the Casco-Rodman complex, 12 to 20 percent slopes, eroded, landfills, the Ozaukee silt loam, 20 to 30 percent slopes, and the Romeo silt loam, 0 to 2 percent slopes.

According to the U.S. Department of Agriculture (USDA) NRCS Web Soil survey, there are a number of soil units present along the I-80 corridor that contain iron and manganese concretions, accumulations, or nodules. These includes soils of the following series: Andres, Ashkum, Beecher, Chenoa, Elliott, Elpaso, Graymont, and Symerton. Appendix C contains a Web Soil Survey map for the study area, and the NRCS Official Soil Series Descriptions for the major series identified along the project limits.

Surficial drainage in the project area is generally towards the nearest body of water relative to that area. These include Rock Run Creek, Aux Sable Creek, the DuPage River, the Des Plaines River, and Hickory Creek. However, since some of the project area is urbanized and storm drains and sewers are present, most surficial runoff will be controlled by the storm sewer system; such systems typically are designed to follow natural drainage patterns. Neither the near-surface nor the shallow unconfined groundwater flow direction was specifically determined for this project, but they generally mimic local topography.

SECTION 3 FIELD INVESTIGATION PROCEDURES

The field investigation for this project included the collection of soil samples adjacent to the subject property investigated as part of this project. The work conducted for this investigation was completed in accordance with standard operating procedures (SOPs) for field investigations included in the IDOT-approved work plan. Eurofins TestAmerica Laboratories, Inc. (TestAmerica), in University Park, Illinois performed sample analyses. Section 3.1 summarizes the procedures used for soil sampling.

3.1 SOIL SAMPLING PROCEDURES

A total of 58 soil borings were advanced in the existing ROW adjacent to the subject property. Below is a list of borings completed at the subject property:

- I-80 ROW (ISGS Site No. 2233V2-1) 58 borings (ROW-1 through ROW-58)

Soil boring locations are shown on Figures 3-1 through 3-13 and soil boring logs are provided in Appendix A.

Drilling was performed by WESTON personnel using a hand auger. The rationale used to determine the sampling frequency and the sample intervals was in accordance with the IDOT-approved scope of work. Field investigation protocols (e.g., drilling procedures, soil sampling procedures, subsurface characterization, and field screening protocols) were performed in accordance with the approved SOPs.

Soil borings were continuously sampled and soil cores recovered were field screened with a photo-ionization detector (PID) equipped with a 10.6-eV lamp using headspace-screening procedures. Soil samples were collected from soil borings for analysis based on the approach described in the approved PSI Work Plan. The depth intervals selected for sample analysis and borehole spacing were based upon the anticipated maximum depth of excavation and the proposed construction activity at the subject property.

Based on current and past land uses identified at the subject property, soil samples were analyzed for the following analyses: VOCs, SVOCs, total metals, toxicity characteristic

leaching procedure (TCLP) metals, synthetic precipitation leaching procedure (SPLP) metals, and pH.

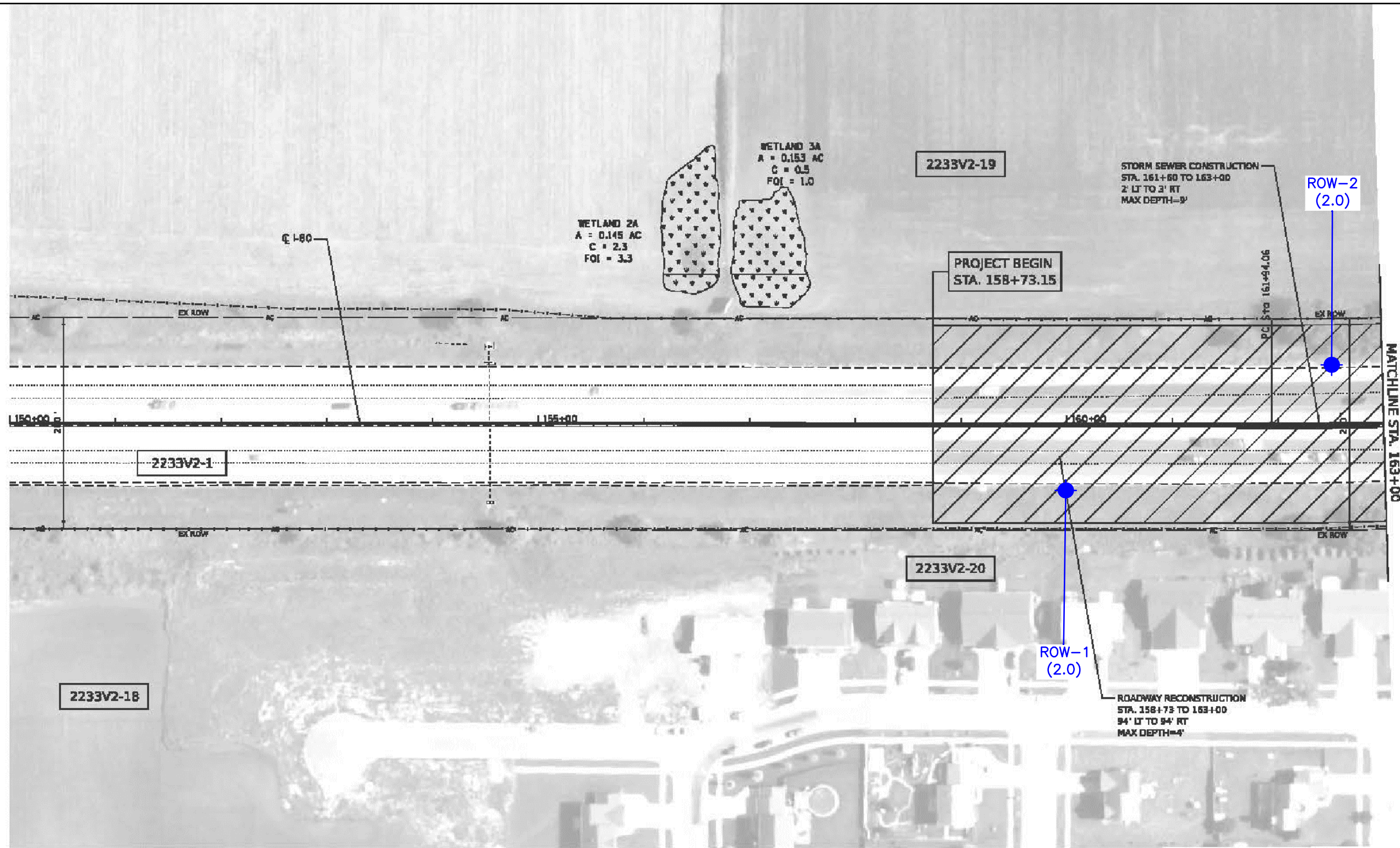
A total of six quality assurance/quality control (QA/QC) field duplicate soil samples were collected and analyzed for the same parameters as their respective investigative samples. Soil samples were maintained under chain of custody and appropriately preserved until delivery to TestAmerica for analysis. A summary of the soil boring program and laboratory analyses performed, including QA/QC samples, is shown in Table 3-1.

Table 3-1
Summary of Sampling Program
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois


Boring Number	Boring Depth feet	Sample Type		Sample Interval feet	QC Sample	Analytical Parameters				
		Soil	Groundwater			VOCs	SVOCs	Total Metals	SPLP/TCLP Metals	pH
I-80 ROW (ISGS Site No. 2233V2-1)										
ROW - 1	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW - 2	2.0	X		0.0 - 2.0	DUP	X	X	X	X	X
ROW - 3	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW - 4	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW - 5	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW - 6	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW - 7	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW - 8	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW - 9	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW - 10	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW - 11	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW - 12	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW - 13	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW - 14	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW - 15	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW - 16	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW - 17	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW - 18	2.0	X		0.0 - 2.0	DUP	X	X	X	X	X
ROW - 19	2.0	X		0.0 - 2.0	DUP	X	X	X	X	X
ROW - 20	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW - 21	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW - 22	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW - 23	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW - 24	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW - 25	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW - 26	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW - 27	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW - 28	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW - 29	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW - 30	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW - 31	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW - 32	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW - 33	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW - 34	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW-35	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW-36	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW-37	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW-38	2.0	X		0.0 - 2.0	DUP	X	X	X	X	X
ROW-39	2.0	X		0.0 - 2.0	DUP	X	X	X	X	X
ROW-40	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW-41	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW-42	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW-43	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW-44	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW-45	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW-46	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW-47	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW-48	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW-49	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW-50	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW-51	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW-52	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW-53	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW-54	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW-55	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW-56	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW-57	2.0	X		0.0 - 2.0		X	X	X	X	X
ROW-58	2.0	X		0.0 - 2.0	DUP	X	X	X	X	X

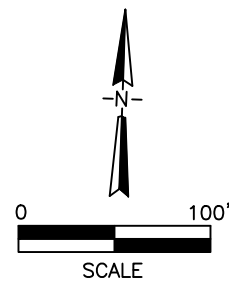
Notes:
DUP - QA/QC field duplicate sample collected.
X - Sample media or sample collected.

C:\Users\Hernandd\OneDrive - Weston Solutions, Inc\Drive\01521.dwg, 9/8/2021 2:47:26 PM, HERNANDD



LEGEND

 SOIL BORING LOCATION
(MAXIMUM SAMPLING DEPTH)



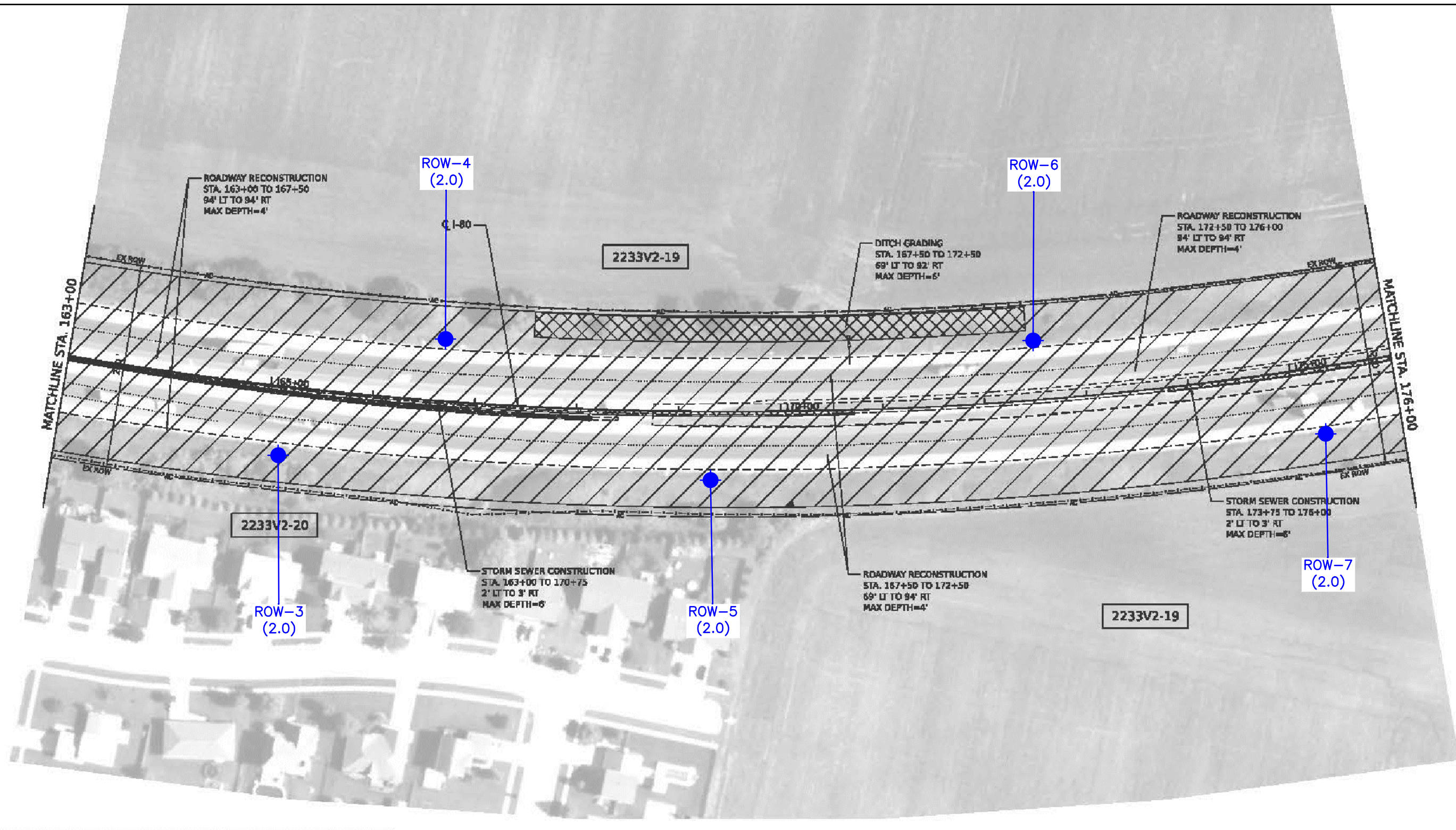
300 Knightsbridge Pkwy
Suite 360
Lincolnshire, Illinois
60069

IDOT PROJECT NO. W11-19
IDOT CONTRACT NO. 62N31


FIGURE 3-1

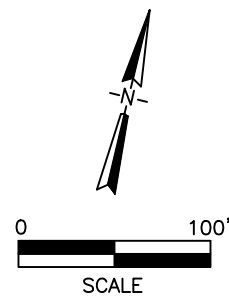
SOIL BORING LOCATION MAP
FAI 80: INTERSTATE 80 (I-80)
STATION 150+00 TO 163+00
ILLINOIS DEPARTMENT OF TRANSPORTATION
Will County, Illinois

C:\Users\Hernandd\OneDrive - Weston Solutions, Inc\Drive\01521.dwg, 9/8/2021 2:47:28 PM, HERNANDD



LEGEND

 SOIL BORING LOCATION
 (MAXIMUM SAMPLING DEPTH)



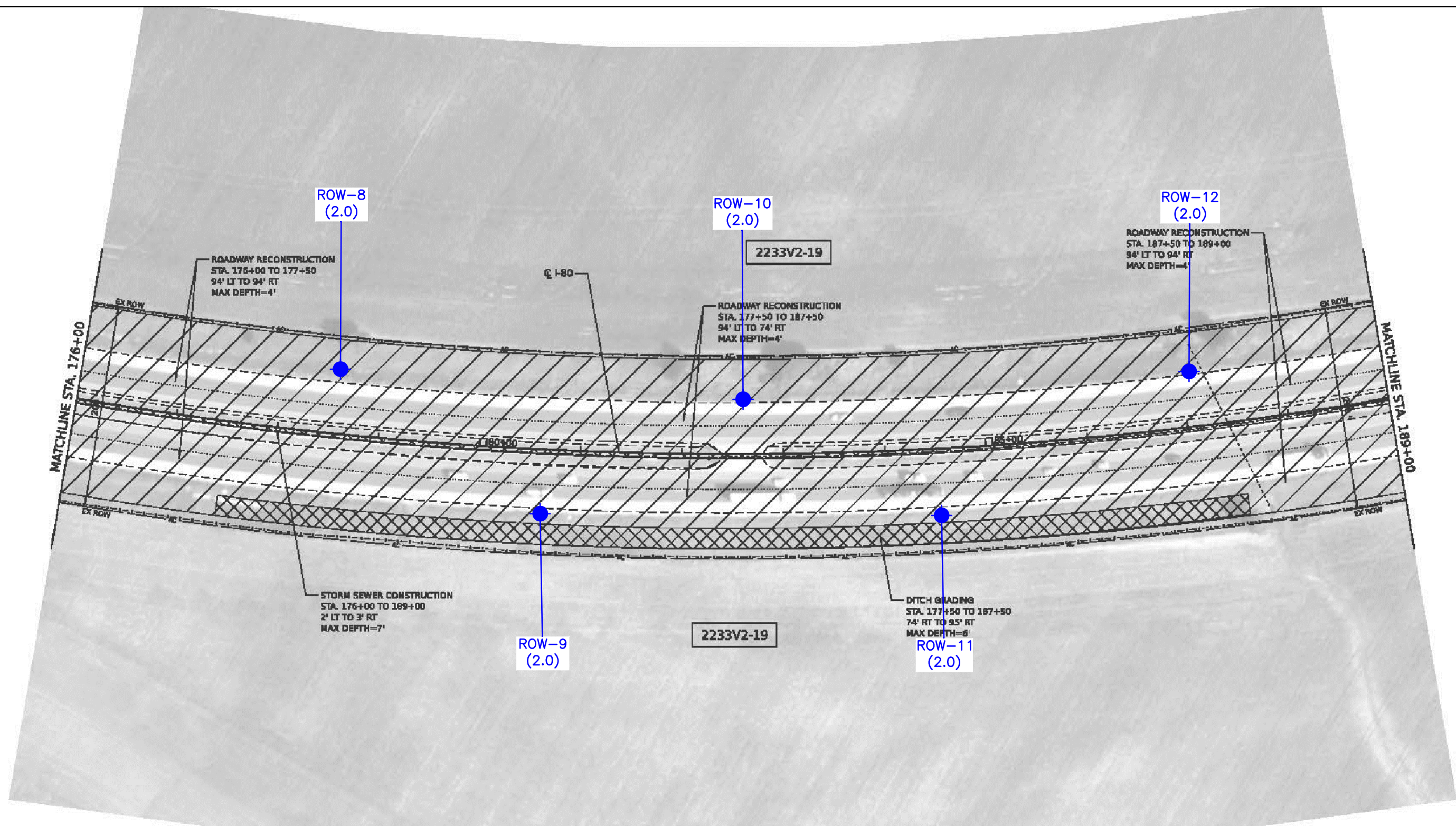
300 Knightsbridge Pkwy
 Suite 360
 Lincolnshire, Illinois
 60069

IDOT PROJECT NO. W11-19
 IDOT CONTRACT NO. 62N31

FIGURE 3-2

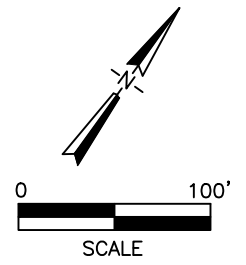
SOIL BORING LOCATION MAP
 FAI 80: INTERSTATE 80 (I-80)
 STATION 163+00 TO 176+00
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 Will County, Illinois

C:\Users\Hernandd\OneDrive - Weston Solutions, Inc\Drive\01521.dwg, 9/8/2021 2:47:33 PM, HERNANDD



LEGEND

● SOIL BORING LOCATION
(MAXIMUM SAMPLING DEPTH)



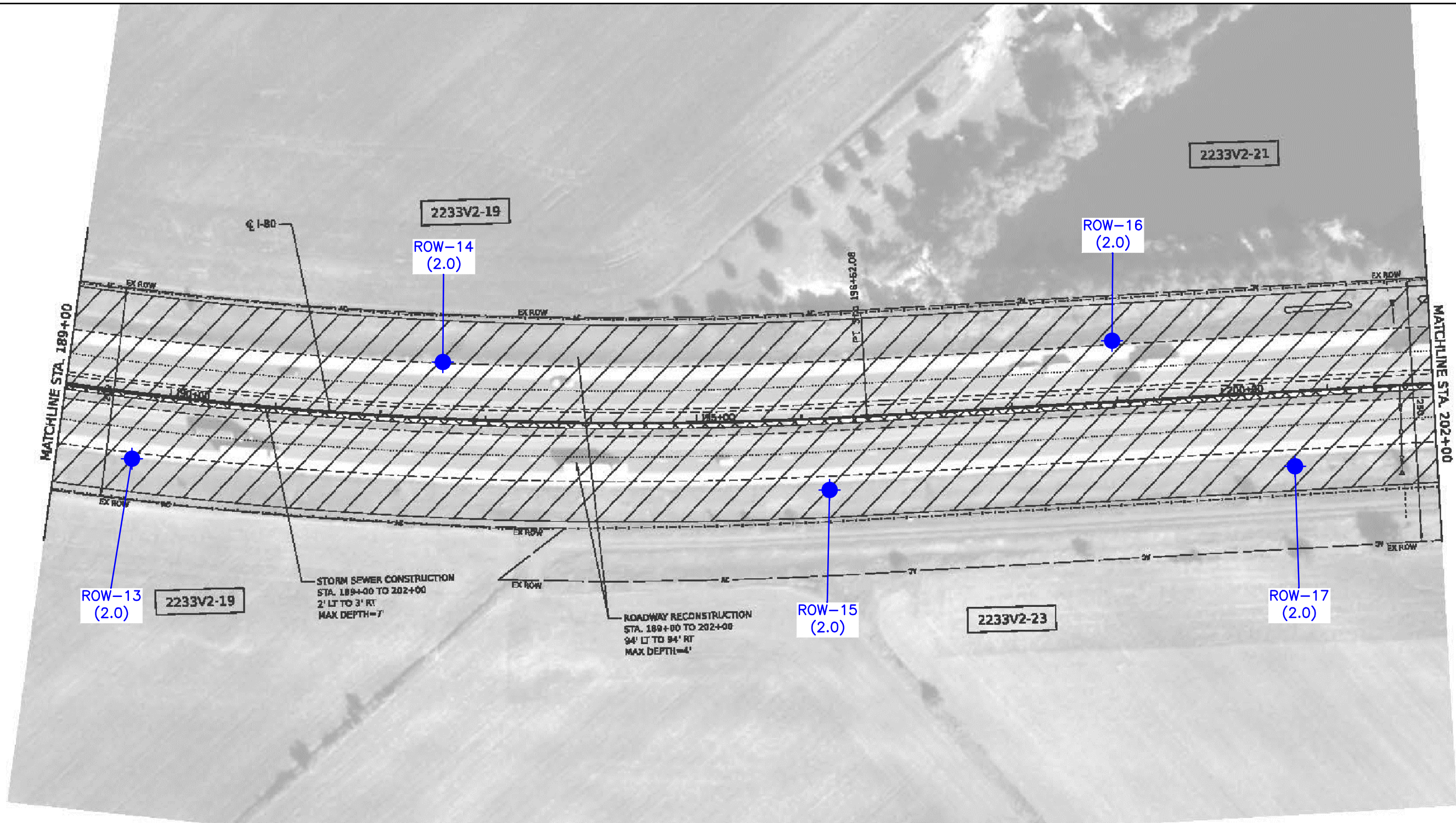
300 Knightsbridge Pkwy
Suite 360
Lincolnshire, Illinois
60069

IDOT PROJECT NO. W11-19
IDOT CONTRACT NO. 62N31


FIGURE 3-3

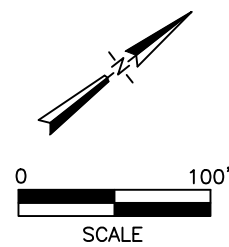
SOIL BORING LOCATION MAP
FAI 80: INTERSTATE 80 (I-80)
STATION 176+00 TO 189+00
ILLINOIS DEPARTMENT OF TRANSPORTATION
Will County, Illinois

C:\Users\Hernandd\OneDrive - Weston Solutions, Inc\Drive\01521.dwg, 9/8/2021 2:47:38 PM, HERNANDD



LEGEND

 SOIL BORING LOCATION
 (MAXIMUM SAMPLING DEPTH)



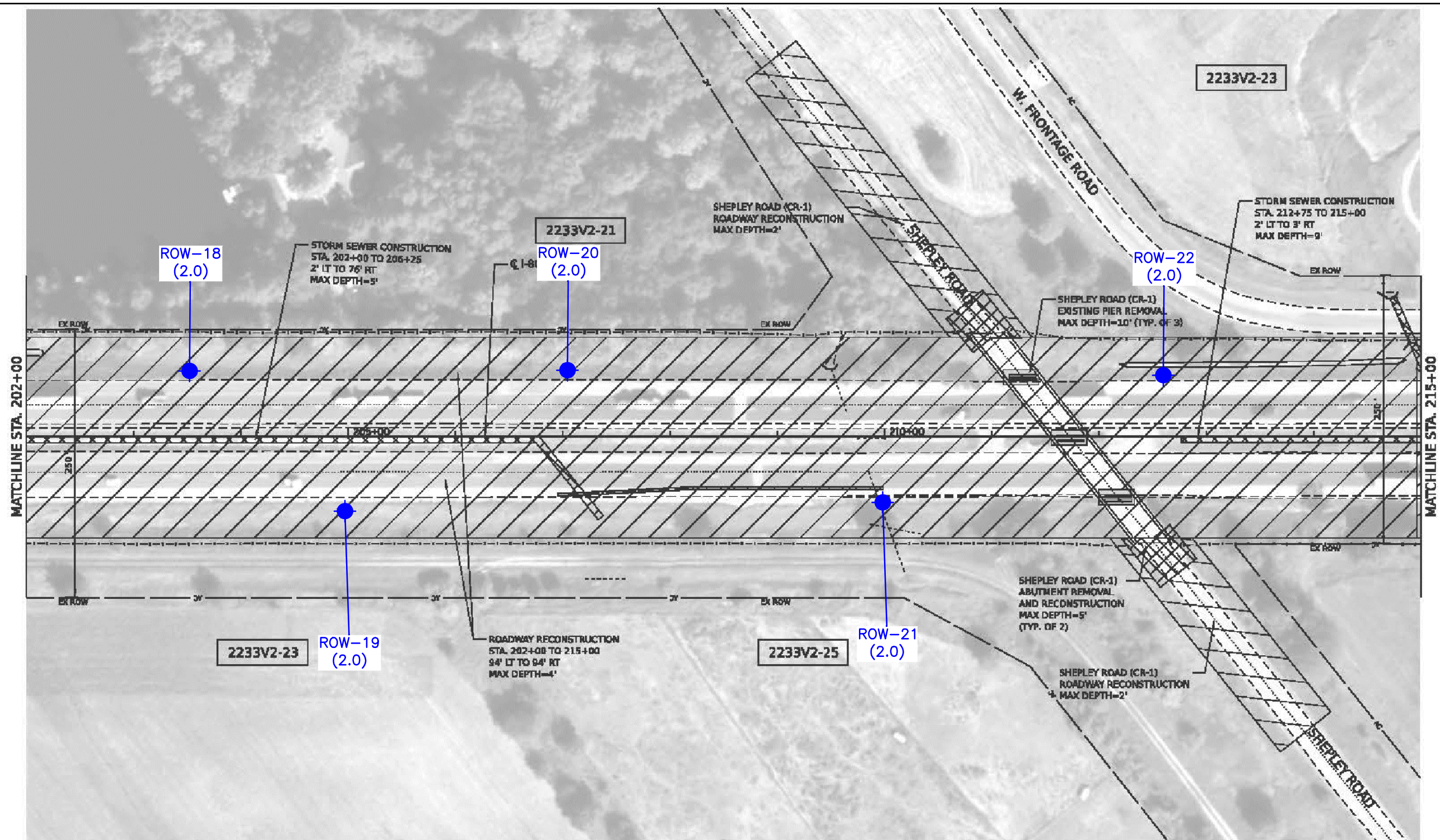
300 Knightsbridge Pkwy
 Suite 360
 Lincolnshire, Illinois
 60069

IDOT PROJECT NO. W11-19
 IDOT CONTRACT NO. 62N31


FIGURE 3-4

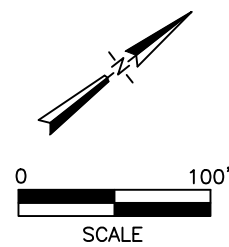
SOIL BORING LOCATION MAP
 FAI 80: INTERSTATE 80 (I-80)
 STATION 189+00 TO 202+00
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 Will County, Illinois

C:\Users\Hernandd\OneDrive - Weston Solutions, Inc\Drive\01521.dwg, 9/8/2021 2:47:43 PM, HERNANDD



LEGEND

 SOIL BORING LOCATION
 (MAXIMUM SAMPLING DEPTH)



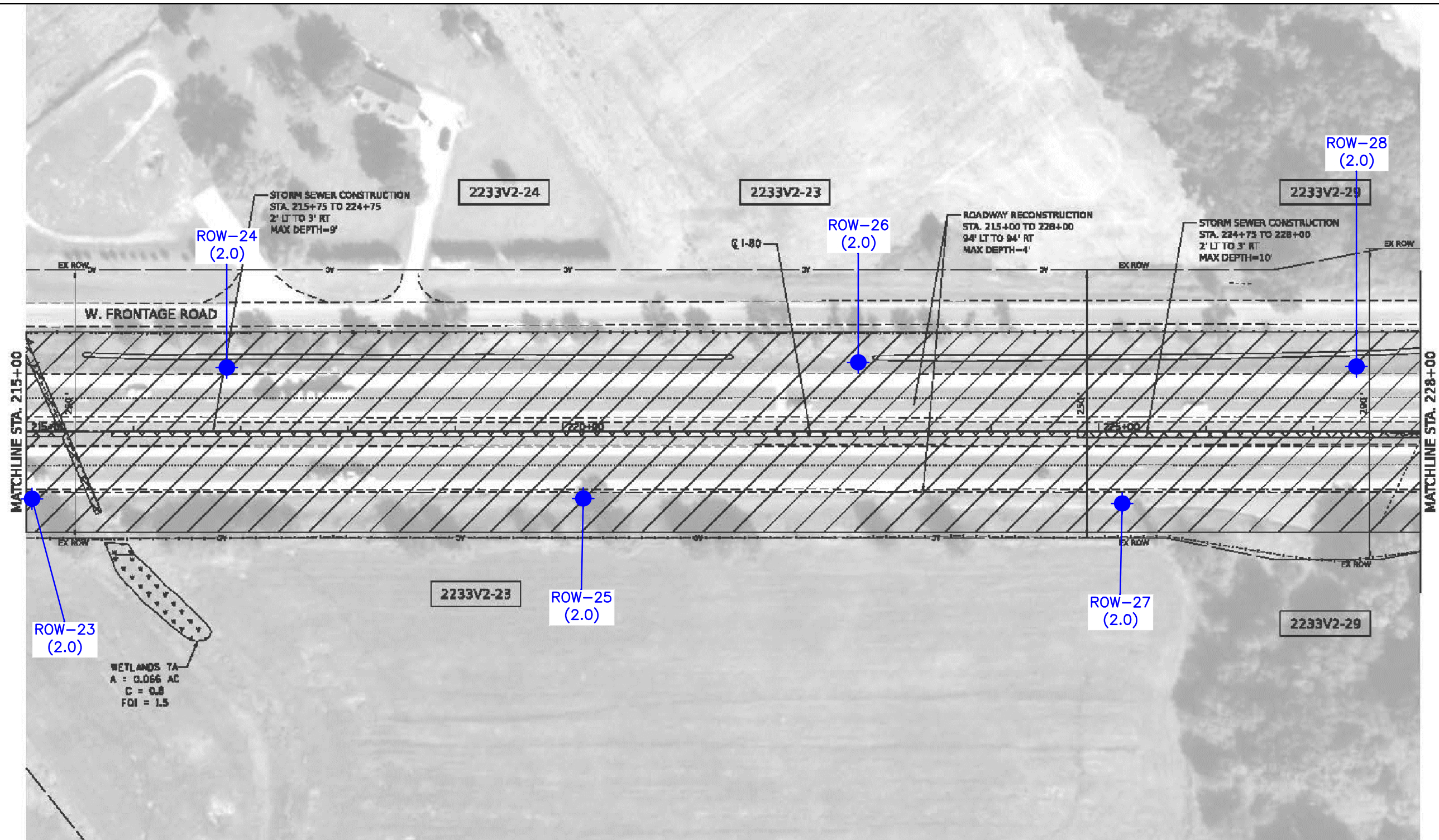
300 Knightsbridge Pkwy
 Suite 360
 Lincolnshire, Illinois
 60069

IDOT PROJECT NO. W11-19
 IDOT CONTRACT NO. 62N31

FIGURE 3-5

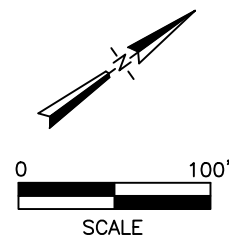
SOIL BORING LOCATION MAP
 FAI 80: INTERSTATE 80 (I-80)
 STATION 202+00 TO 215+00
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 Will County, Illinois

C:\Users\Hernandd\OneDrive - Weston Solutions, Inc\Drive\01521.dwg, 9/8/2021 2:47:48 PM, HERNANDD



LEGEND

● SOIL BORING LOCATION
(MAXIMUM SAMPLING DEPTH)



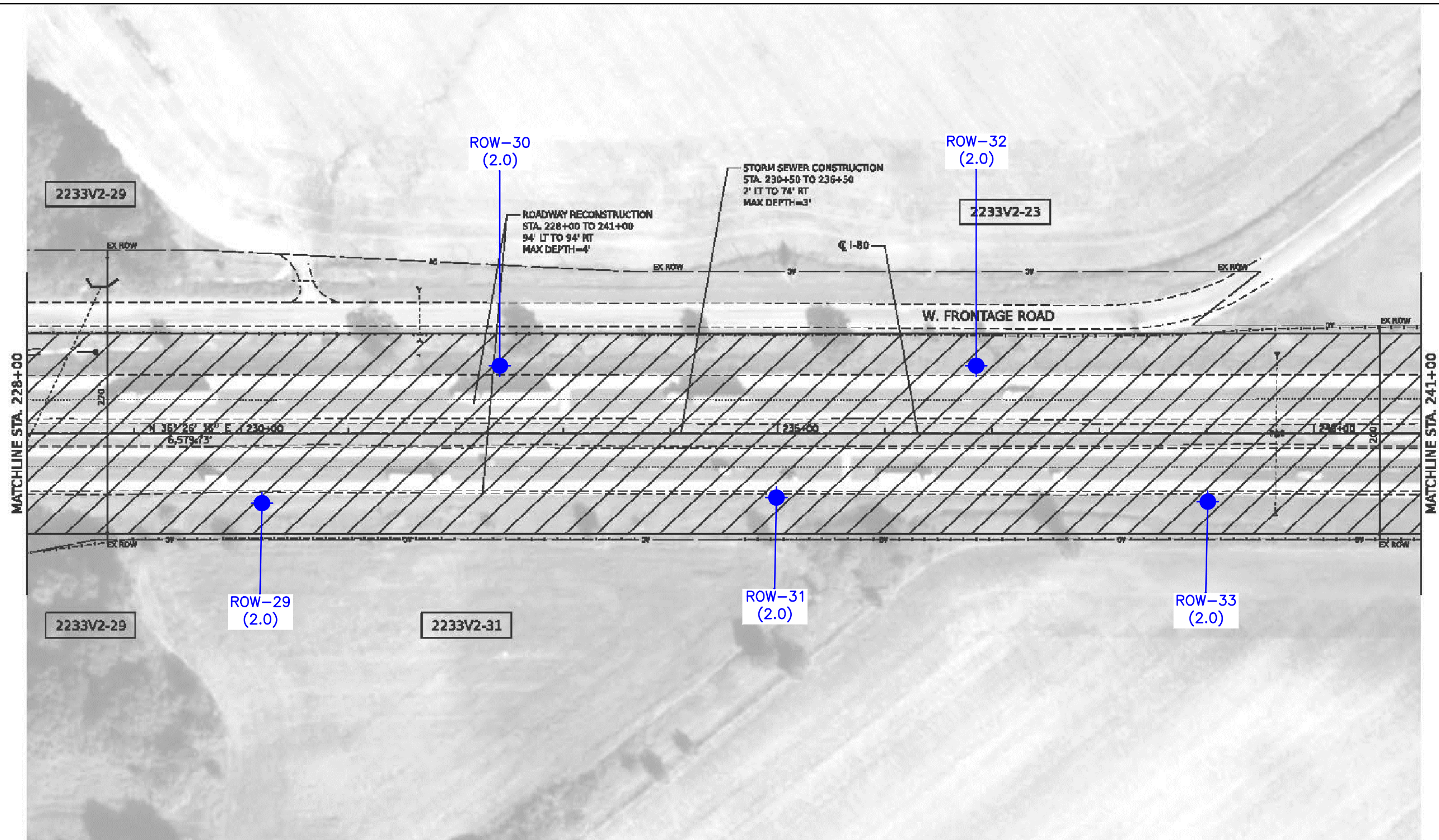
300 Knightsbridge Pkwy
Suite 360
Lincolnshire, Illinois
60069

IDOT PROJECT NO. W11-19
IDOT CONTRACT NO. 62N31

FIGURE 3-6

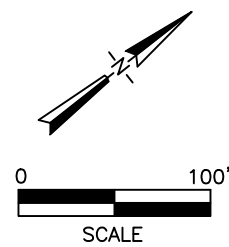
SOIL BORING LOCATION MAP
FAI 80: INTERSTATE 80 (I-80)
STATION 215+00 TO 228+00
ILLINOIS DEPARTMENT OF TRANSPORTATION
Will County, Illinois

C:\Users\Hernandd\OneDrive - Weston Solutions, Inc\Drive\01521.dwg, 9/8/2021 2:47:53 PM, HERNANDD



LEGEND

 SOIL BORING LOCATION (MAXIMUM SAMPLING DEPTH)



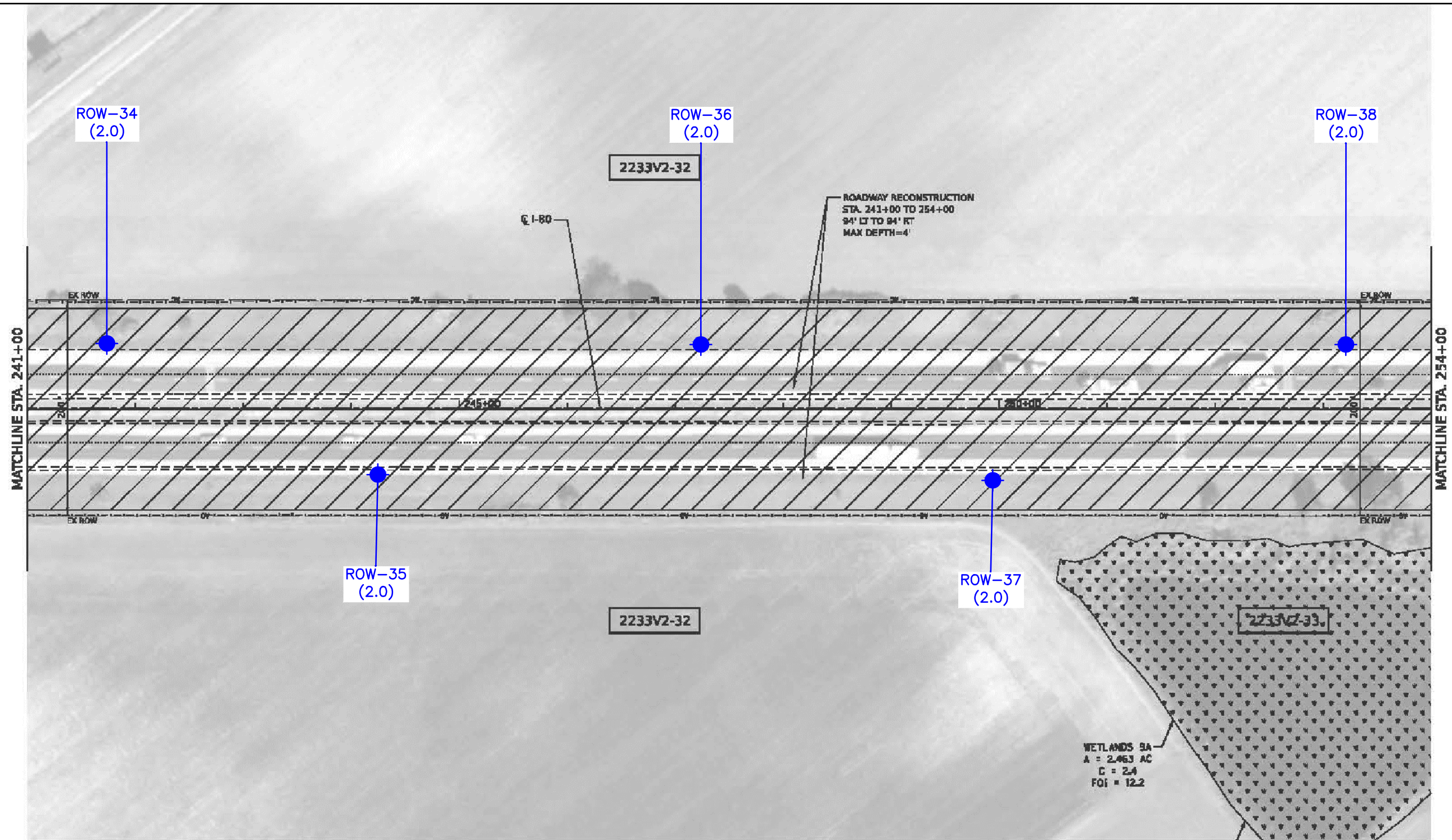
300 Knightsbridge Pkwy
Suite 360
Lincolnshire, Illinois
60069

IDOT PROJECT NO. W11-19
IDOT CONTRACT NO. 62N31


FIGURE 3-7

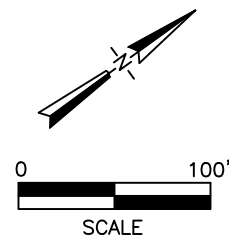
SOIL BORING LOCATION MAP
FAI 80: INTERSTATE 80 (I-80)
STATION 228+00 TO 241+00
ILLINOIS DEPARTMENT OF TRANSPORTATION
Will County, Illinois

C:\Users\Hernandd\OneDrive - Weston Solutions, Inc\Drive\01521.dwg, 9/8/2021 2:47:58 PM, HERNANDD



LEGEND

 SOIL BORING LOCATION
 (MAXIMUM SAMPLING DEPTH)



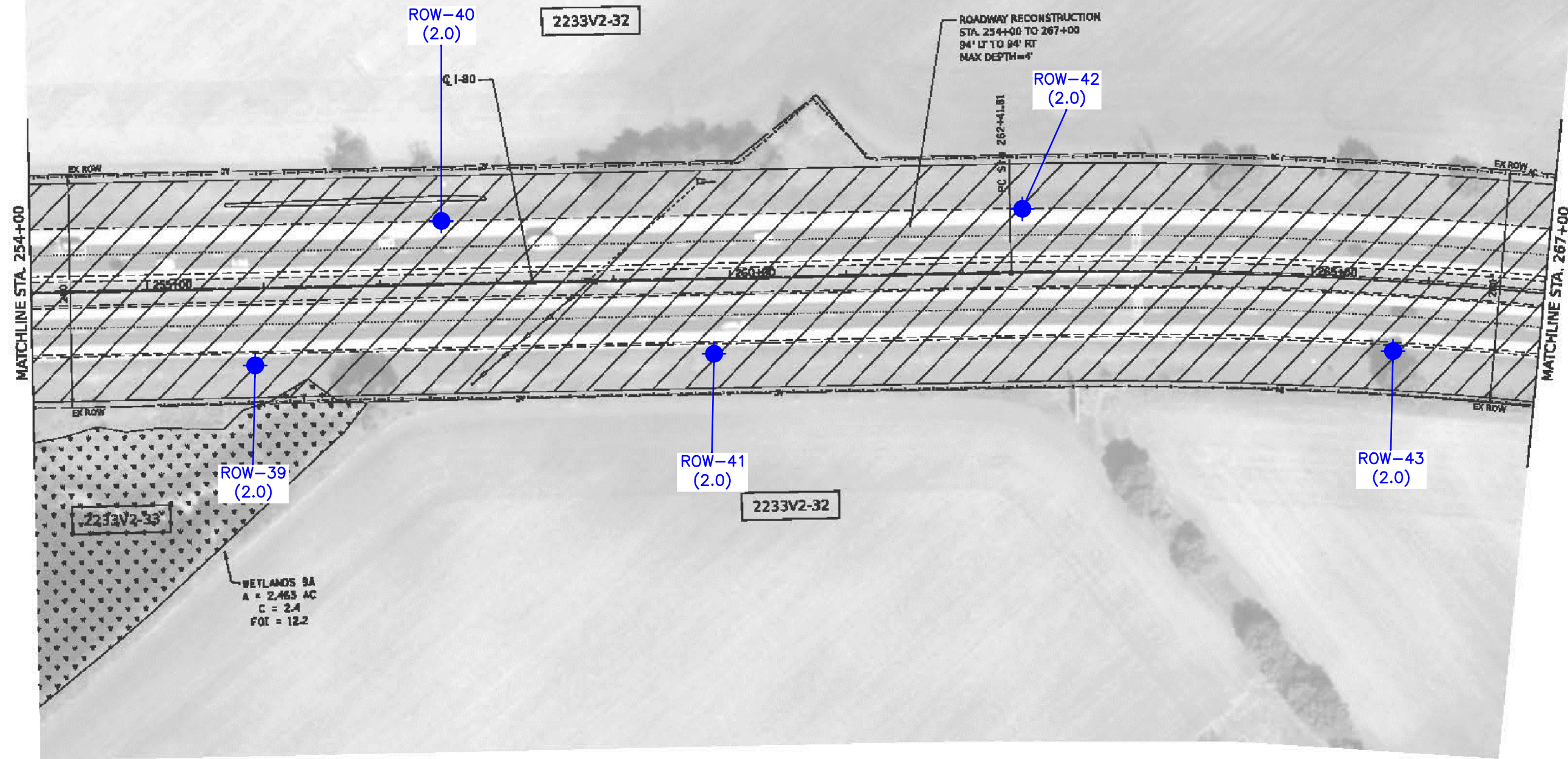
300 Knightsbridge Pkwy
Suite 360
Lincolnshire, Illinois
60069

IDOT PROJECT NO. W11-19
IDOT CONTRACT NO. 62N31


FIGURE 3-8

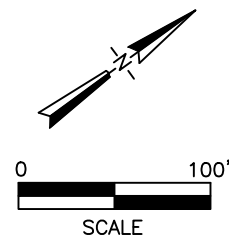
SOIL BORING LOCATION MAP
FAI 80: INTERSTATE 80 (I-80)
STATION 241+00 TO 254+00
ILLINOIS DEPARTMENT OF TRANSPORTATION
Will County, Illinois

C:\Users\Hernandd\OneDrive - Weston Solutions, Inc\Drive\01521.dwg, 9/8/2021 2:48:03 PM, HERNANDD



LEGEND

 SOIL BORING LOCATION
(MAXIMUM SAMPLING DEPTH)



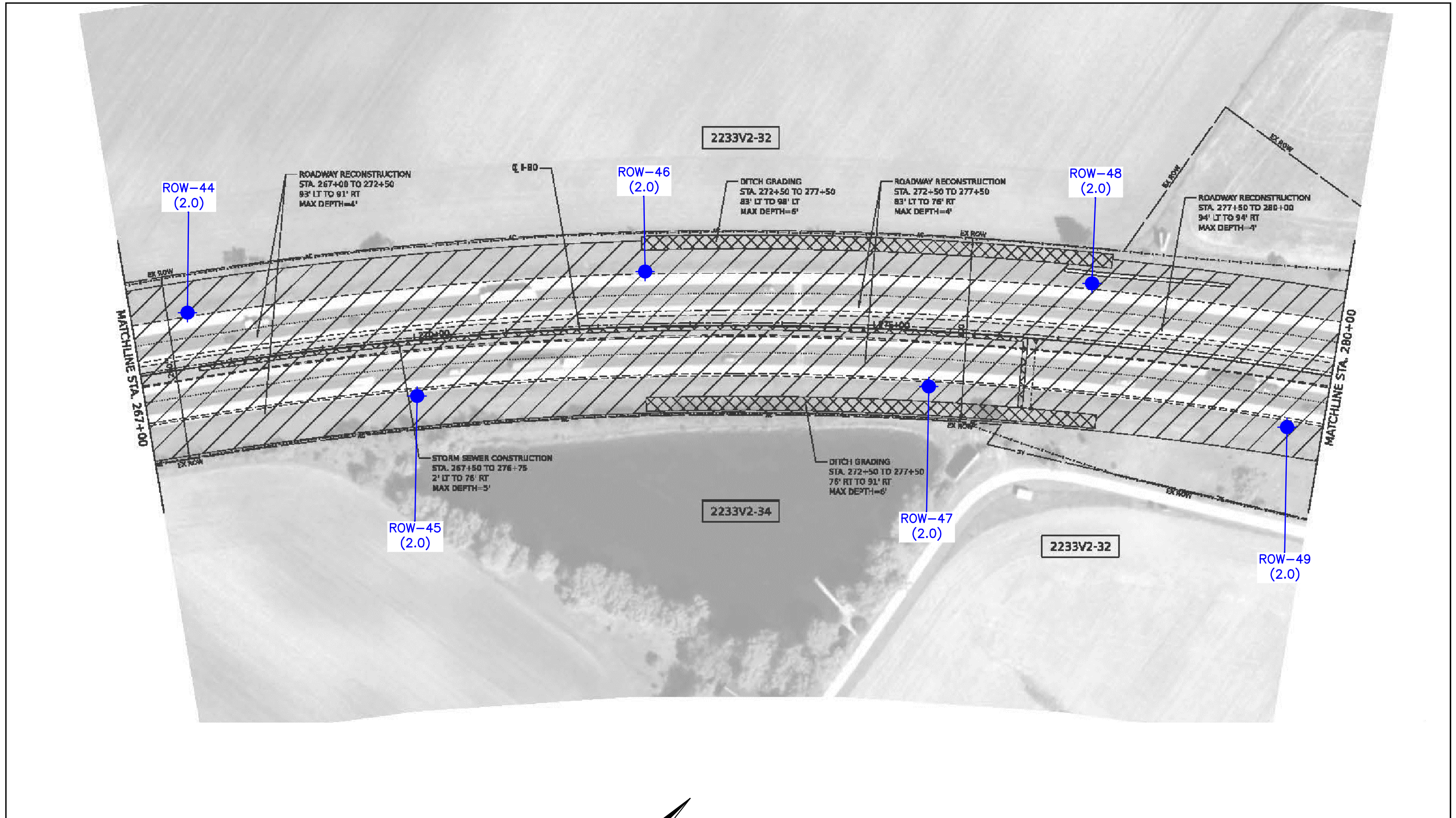
300 Knightsbridge Pkwy
Suite 360
Lincolnshire, Illinois
60069

IDOT PROJECT NO. W11-19
IDOT CONTRACT NO. 62N31

FIGURE 3-9

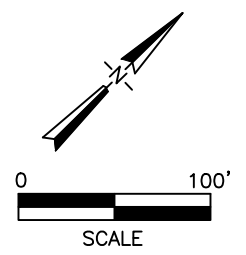
SOIL BORING LOCATION MAP
FAI 80: INTERSTATE 80 (I-80)
STATION 254+00 TO 267+00
ILLINOIS DEPARTMENT OF TRANSPORTATION
Will County, Illinois

C:\Users\Hernandd\OneDrive - Weston Solutions, Inc\Drive\01521.dwg, 9/8/2021 2:48:08 PM, HERNANDD



LEGEND

● SOIL BORING LOCATION
(MAXIMUM SAMPLING DEPTH)



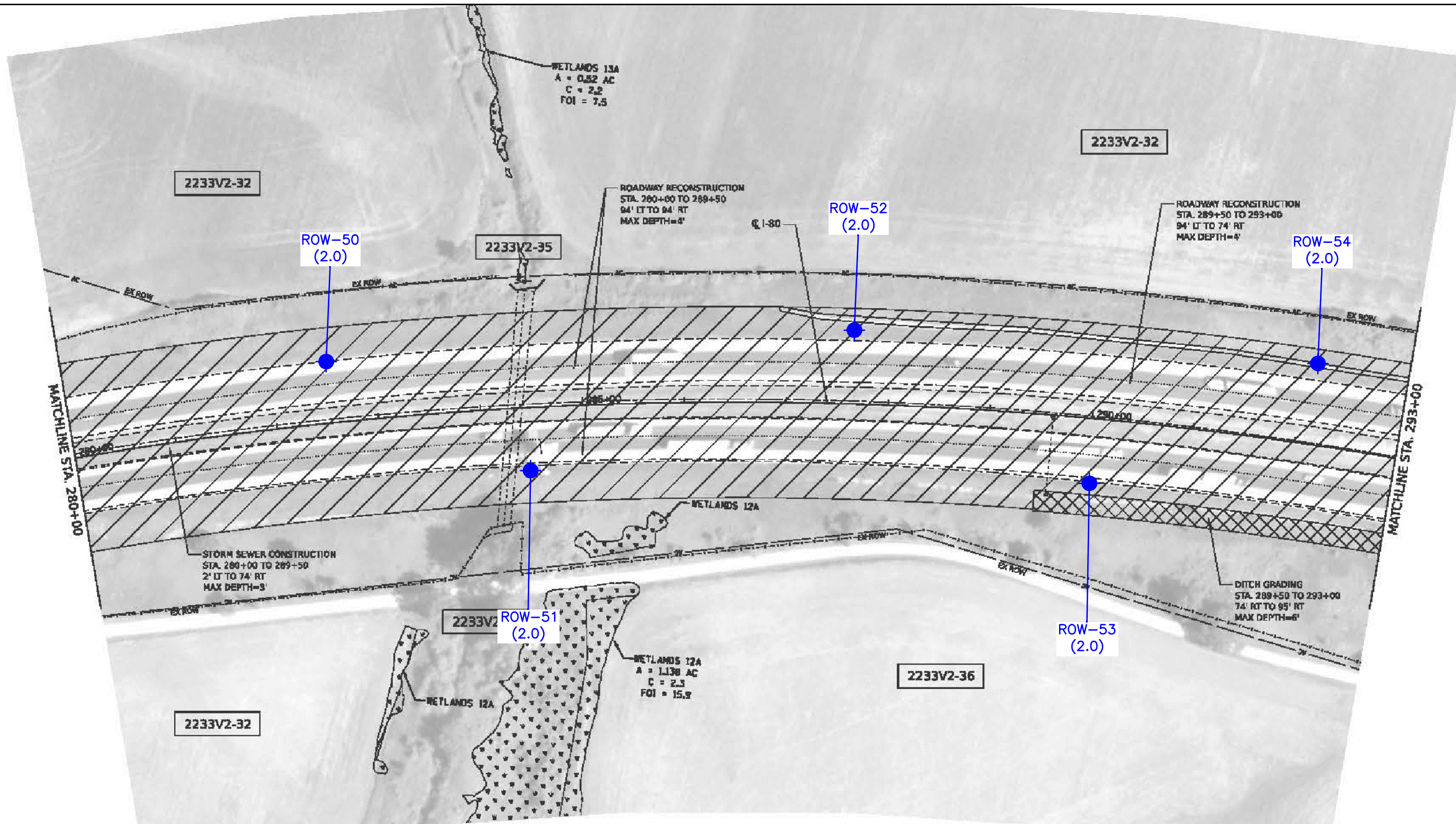
WESTON SOLUTIONS
 300 Knightsbridge Pkwy
 Suite 360
 Lincolnshire, Illinois
 60069

IDOT PROJECT NO. W11-19
 IDOT CONTRACT NO. 62N31

FIGURE 3-10

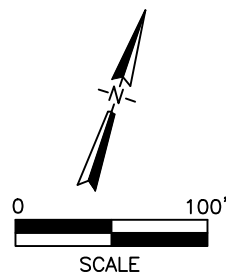
SOIL BORING LOCATION MAP
 FAI 80: INTERSTATE 80 (I-80)
 STATION 267+00 TO 280+00
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 Will County, Illinois

C:\Users\Hernandd\OneDrive - Weston Solutions, Inc\Drive\01521.dwg, 9/8/2021 2:48:13 PM, HERNANDD



LEGEND

● SOIL BORING LOCATION (MAXIMUM SAMPLING DEPTH)



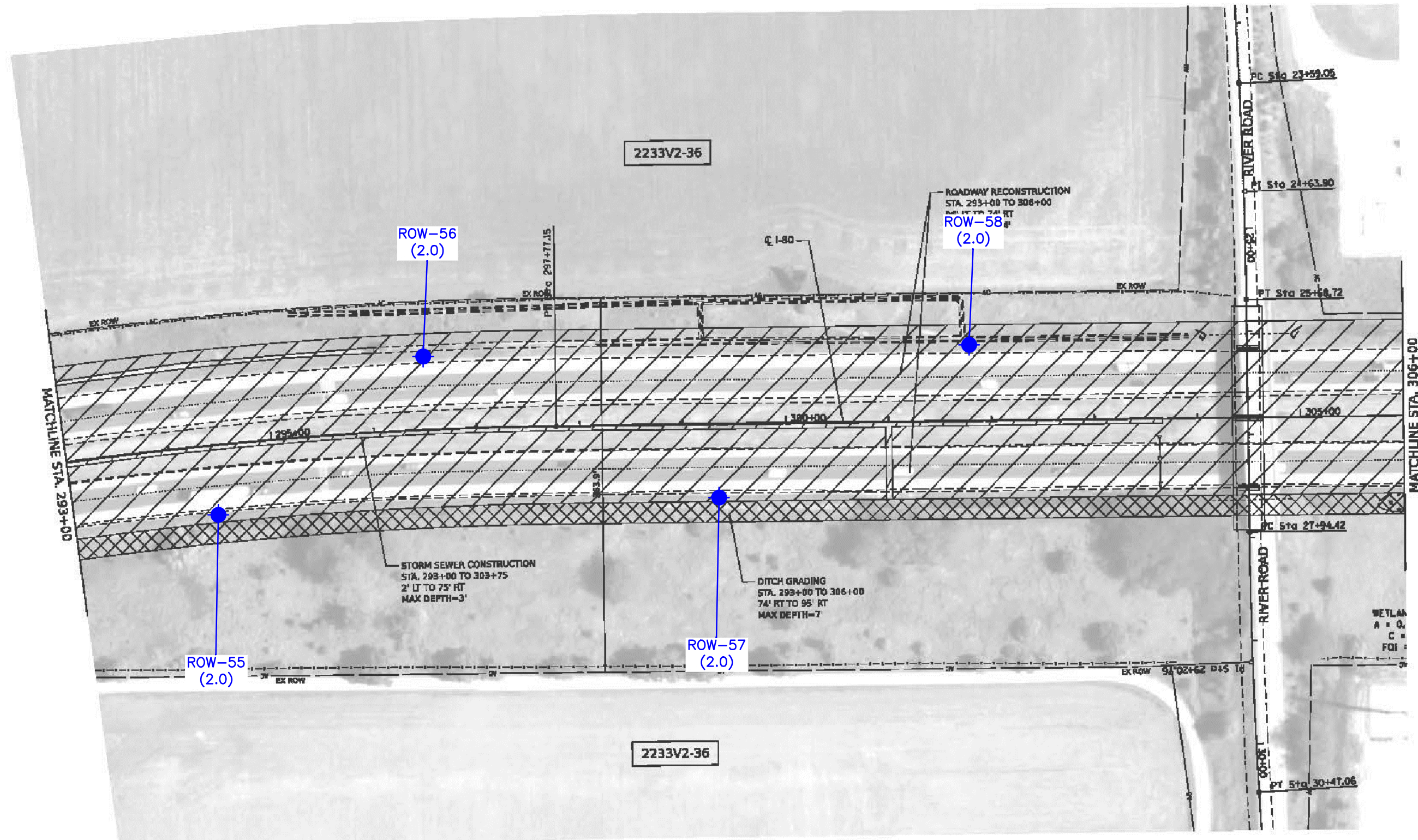
300 Knightsbridge Pkwy
Suite 360
Lincolnshire, Illinois
60069

IDOT PROJECT NO. W11-19
IDOT CONTRACT NO. 62N31


FIGURE 3-11

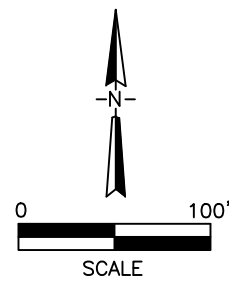
SOIL BORING LOCATION MAP
FAI 80: INTERSTATE 80 (I-80)
STATION 280+00 TO 293+00
ILLINOIS DEPARTMENT OF TRANSPORTATION
Will County, Illinois

C:\Users\Hernandd\OneDrive - Weston Solutions, Inc\Drive\01521.dwg, 9/8/2021 2:48:18 PM, HERNANDD



LEGEND

 SOIL BORING LOCATION
 (MAXIMUM SAMPLING DEPTH)



300 Knightsbridge Pkwy
 Suite 360
 Lincolnshire, Illinois
 60069

IDOT PROJECT NO. W11-19
 IDOT CONTRACT NO. 62N31

FIGURE 3-12

SOIL BORING LOCATION MAP
 FAI 80: INTERSTATE 80 (I-80)
 STATION 293+00 TO 306+00
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 Will County, Illinois

SECTION 4 INVESTIGATION RESULTS

This section presents a discussion of the investigation results obtained from the PSI completed in support of the construction project along FAI 80 – Interstate 80 (I-80) from Ridge Road to the DuPage River, in Will County, Illinois.

Section 4.1 presents the screening criteria used to evaluate the data. Field observations, including headspace-screening results, sample collection rationale, and geologic and hydrogeologic information, are summarized in Section 4.2. This information is detailed on Table 4-1 and on the soil boring logs presented in Appendix A.

The discussion for each property begins with Section 4.3 and summarizes the soil sampling analytical results. Analytical results were reviewed and validated in accordance with applicable United States Environmental Protection Agency (USEPA) procedures. WESTON utilized Automated Data Review (ADR) software, ADR.Net Version 1.9.1.335, to assist with the data validation.

Tables 4-2 and 4-3 present the soil analytical data for organic and inorganic constituents and compare the detected constituents to reference concentrations. Figures 4-1 through 4-13 depict the boring locations and the extent of potentially impacted soil that may impact proposed construction activities during this project. As the Maximum Allowable Concentrations (MAC) Table includes provisions to evaluate select constituents against background values, Figures 4-1 through 4-13 identify soil that is considered to be non-special waste and soil that may be managed to a CCDD/USFO.

Analytical data summary tables for all analyses performed are included in Appendix D. Raw laboratory analytical data reports and data validation reports are included in Appendix E. A breakdown of estimated impacted soil volume calculations are presented in Appendix C. Appendix B includes Illinois Environmental Protection Agency (IEPA) Form LPC-663, Uncontaminated Soil Certification, for the subject property, for soil which may be managed to a CCDD/USFO.

4.1 REFERENCE CONCENTRATIONS

4.1.1 Soil Reference Concentrations – IDOT ROW and Acquisition Areas

An evaluation of the nature and extent of the contaminants of concern, based on the results of the PSI, is also contained in the discussion. This includes a description and comparison of detected constituents to applicable environmental standards, used herein as reference concentrations.

Total soil analytical results were compared to the concentrations presented in the following:

- *Summary of Maximum Allowable Concentrations (MAC) of Chemical Constituents in Uncontaminated Soil Used as Fill Material at Regulated Fill Operations*, dated 27 August 2012. This table, referred to as the **MAC Table**, is incorporated under Title 35 of the Illinois Administrative Code (IAC), Part 1100, Subpart F.
- The most conservative of the Ingestion and Inhalation Exposure Route-Specific values for Soils in 35 IAC Part 742 – Tiered Approach to Corrective Action Objectives (TACO), Appendix B, Table A, *Tier 1 Soil Remediation Objectives (SROs) for Residential Properties*.

Soil analytical results from TCLP and SPLP analyses were compared to:

- The Soil Component of the Groundwater Ingestion Exposure Route Values, for Class I Groundwater, presented in TACO, Appendix B, Table A, *Tier 1 Soil Remediation Objectives for Residential Properties*.

Based on the detected concentrations of potential contaminants, soil was classified in accordance with Part 669.05, *Regulated Substances Management and Disposal*, of IDOT's *Standard Specifications for Road and Bridge Construction*, as revised on 1 January 2020. The following outlines how soils were classified:

- Soil was considered uncontaminated if none of the analytes exceed the MAC Table values.
- Soil is to be managed in accordance with Part 669.05.a(1) of the Standard Specifications if inorganic constituents exceed the MAC Table values, but do not exceed TACO Tier 1 SROs.

- Soil is to be managed in accordance with Part 669.05.a(2) of the Standard Specifications if inorganic constituents exceed the most stringent MAC Table value, but do not exceed the MAC Table values for Metropolitan Statistical Areas (MSAs).
- Soil is to be managed in accordance with Part 669.05.a(3) of the Standard Specifications if organic constituents exceed the MAC Table values, but do not exceed the MAC Table values for MSAs Counties excluding Chicago, and the MAC Table values for Chicago corporate limits.
- Soil is to be managed in accordance with Part 669.05.a(4) of the Standard Specifications if organic constituents exceed the MAC Table values, but do not exceed the MAC Table values for MSAs Counties excluding Chicago.
- Soil will be managed in accordance with Part 669.05.a(5) of the Standard Specifications if constituents exceed TACO Tier 1 SROs and cannot be managed in accordance with Article 669.05.a(1) through a(4) and do not contain special waste or hazardous waste.
- Soil will be managed in accordance with Part 669.05.a(6) of the Standard Specifications if constituents are determined to be hazardous by characteristic or listing, contains radiological constituents and cannot be managed in accordance with Article 669.05.a(1) through a(5).
- Soil is to be managed in accordance with Part 669.05.b(1) of the Standard Specifications if the pH of the soil is less than 6.25 or greater than 9.0 standard pH units.
- Soil is to be managed in accordance with Part 669.05.b(2) of the Standard Specifications if a photoionization detector or flame ionization detector reads levels in excess of background levels.
- Soil is to be managed in accordance with Part 669.05(c) of the Standard Specifications if constituents exceed the MAC Table values, but do not exceed TACO Tier 1 values. Such soil may be managed onsite but may not be managed to a clean CCDD facility or USFO. **This category currently applies solely to soil impacted with total iron and manganese.**

4.1.2 Soil Reference Concentrations – Construction Worker Exposure Route

The soil analytical results were compared to the SROs for the construction worker exposure route found in Appendix B, Table B of TACO, to evaluate construction worker safety. The most stringent of the inhalation and ingestion exposure route SROs was used in this evaluation.

4.2 FIELD OBSERVATIONS

Headspace measurements using a PID were collected from each sample interval. Table 4-1 presents the headspace field screening data for each soil boring, along with the construction excavation depths and sample collection depth. Headspace screening data are also shown on the boring logs presented in Appendix A. The headspace readings measured for this project were indicative of background levels.

Geology and Hydrogeology

Detailed field observations and geological descriptions were recorded by a WESTON field geologist during the PSI and are included on the boring logs provided in Appendix A. Subsurface material encountered in borings advanced adjacent to the subject properties generally includes a thin topsoil or fill layer of less than 1 foot, overlying a tan to brown silty clay with occasional sand and gravel layers. Saturated conditions were not encountered during field activities.

4.3 I-80 ROW (ISGS SITE NO 2233V2-1)

Soil borings ROW-1 through ROW-58, shown on Figures 4-1 through 4-13, were advanced adjacent to the I-80 ROW property. One investigative soil sample from each soil boring was collected from 0 to 2.0 ft bgs to cover the soil within the maximum proposed depth of excavation of 1.5 ft bgs. Saturated conditions were not encountered at this property.

4.3.1 Analytical Results

Soil Analytical Results

The investigative soil samples collected adjacent to the I-80 ROW property were analyzed for VOCs, SVOCs, total metals, TCLP metals, SPLP metals, and pH. Analytical data summary tables showing detected constituents analyzed and their corresponding results are presented in Tables 4-2 and 4-3. Constituents detected in the soil borings advanced adjacent to this property include VOCs, SVOCs, and metals, as listed below.

- A total of eight VOCs were detected in the soil samples collected adjacent to the subject property.

- A total of 27 SVOCs were detected in the soil samples collected adjacent to the subject property.
- A total of 22 total metals were detected in the soil samples collected adjacent to the subject property.
- A total of 10 TCLP metals were detected in the soil samples collected adjacent to the subject property.
- A total of 13 SPLP metals were detected in the soil samples collected adjacent to the subject property.
- The pH values were measured to be 7.6 and 9.2 standard units (s.u.) in the soil samples collected adjacent to the subject property.

Groundwater Analytical Results

Saturated conditions were not encountered during drilling adjacent to this property. Therefore, a groundwater evaluation is not included.

4.3.2 Nature and Extent of Contaminants of Concern

WESTON evaluated the soil analytical data to determine whether any reference concentrations were exceeded adjacent to the I-80 ROW property. Soil with constituents exceeding applicable environmental regulations was classified as being potentially impacted. Depending upon the contaminants of concern, management of potentially impacted soil off-site to a CCDD/USFO, or off-site as a non-special waste is considered for soil that will be generated during construction activities. Costs for off-site management of material to a CCDD/USFO and off-site management and disposal of material as a non-special waste have been included as appropriate. A discussion of the criteria used in this analysis is contained in the following paragraphs.

4.3.2.1 Soil

An evaluation of the analytical results from the soil samples collected adjacent to the subject property indicates the presence of organic and inorganic constituents. As shown on Tables 4-2 and 4-3, the following constituents were detected at levels exceeding their respective reference concentrations: benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, carbazole, dibenzo(a,h)anthracene, indeno(1,2,3-cd)pyrene, naphthalene, total chromium, total iron, total lead, total manganese, TCLP cadmium,

TCLP chromium, TCLP lead, TCLP manganese, TCLP nickel, SPLP arsenic, SPLP beryllium, SPLP chromium, SPLP iron, SPLP lead, SPLP manganese, SPLP nickel, and pH.

SVOCs were detected above reference concentrations in numerous borings. The following lists the exceedances by boring:

- Benzo(a)pyrene: ROW-1 through ROW-4, ROW-7, ROW-9 through ROW-12, ROW-14, ROW-17, ROW-18, ROW-21 through ROW-24, ROW-27, ROW-28, ROW-30, ROW-33 through ROW-37, ROW-39, ROW-40, ROW-42, ROW-43, ROW-45 through ROW-49, ROW-51, ROW-55, and ROW-58.
- Benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, carbazole, dibenzo(a,h)anthracene and indeno(1,2,3-cd)pyrene: ROW-31.
- Benzo(a)pyrene, benzo(b)fluoranthene, and dibenzo(a,h)anthracene: ROW-32, ROW-50, and ROW-52.
- Benzo(a)pyrene and benzo(b)fluoranthene: ROW-44 and ROW-56.
- Benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, carbazole, dibenzo(a,h)anthracene, indeno(1,2,3-cd)pyrene, and naphthalene: ROW-53.
- Benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, and dibenzo(a,h)anthracene: ROW-54.

Based on the data, the above SVOCs are considered contaminants of concern and soil in the vicinity of borings ROW-1 through ROW-4, ROW-7, ROW-9 through ROW-12, ROW-14, ROW-17, ROW-18, ROW-21 through ROW-24, ROW-27, ROW-28, ROW-30 through ROW-37, ROW-39, ROW-40, ROW-42 through ROW-56, and ROW-58 are considered potentially impacted.

Although some of the concentrations of PAHs listed above were below the reference concentrations, as listed on the MAC Table, for MSA Counties and/or Chicago corporate limits, only the soils in the following borings may be further considered for disposal to a CCDD/USFO: ROW-1, ROW-2, ROW-4, ROW-7, ROW-9 through ROW-12, ROW-14, ROW-17, ROW-18, ROW-23, ROW-24, ROW-27, ROW-28, ROW-30, ROW-33 through ROW-36, ROW-39, ROW-40, ROW-42, ROW-43, ROW-45 through ROW-50, ROW-52, ROW-54 through ROW-56, and ROW-58.

In order for a metal to be considered a contaminant of concern, the total, TCLP, and SPLP results, or the TCLP and SPLP results, with the exception of arsenic, magnesium, and vanadium, must be found to exceed their reference concentrations in a given sample. At the I-80 ROW property, both of these conditions were met for lead and manganese. The remaining metals data indicate that only one or two of the detected parameters (of the total, TCLP, and/or SPLP results), in a given sample, resulted in an exceedance; therefore, arsenic, beryllium, cadmium, chromium, iron, and nickel are not considered contaminants of concern.

Total, TCLP, and SPLP lead were detected at levels exceeding their reference concentrations in the samples collected from soil borings ROW-6 and ROW-53. TCLP and SPLP lead were detected at levels exceeding their reference concentrations in the samples collected from soil borings ROW-1, ROW-4, ROW-8, ROW-10, ROW-17, ROW-18, ROW-36, and ROW-50. The total lead concentration in the sample collected from ROW-31 was detected above the TACO Tier 1 SRO for the ingestion exposure route for residential properties. Based on these data, lead is considered a contaminant of concern and soil is considered potentially impacted with lead in the vicinity of boring ROW-1, ROW-4, ROW-6, ROW-8, ROW-10, ROW-17, ROW-18, ROW-31, ROW-36, ROW-50, and ROW-53.

Total, TCLP, and SPLP manganese were detected at levels exceeding their reference concentrations in the samples collected from soil borings ROW-13, ROW-22, ROW-32, ROW-37, ROW-44, and ROW-51. The total manganese concentration in the samples collected from soil borings ROW-37 and ROW-51 were also detected above the TACO Tier 1 SRO for the ingestion exposure route for residential properties. TCLP and SPLP manganese were detected at levels exceeding their reference concentrations in the samples collected from soil borings ROW- 1 through ROW-12, ROW-14 through ROW-19, ROW-21, ROW-23 through ROW-31, ROW-33 through ROW-36, ROW-38 through ROW-43, ROW-45 through ROW-50, and ROW-52 through ROW-58. Based on these data, manganese is considered a contaminant of concern and soil is considered potentially impacted with manganese in the vicinity of borings ROW-1 through ROW-19, and ROW-21 through ROW-58.

The pH values measured in the soil samples collected from borings ROW-3 and ROW-21 were 9.2 and 9.1 s.u., respectively. These values are greater than the allowable pH limit, as presented in the MAC Table, for material to be considered for disposal to a CCDD/USFO.

IDOT Construction Activities within Impacted Soil Areas

Proposed IDOT construction activities at the I-80 ROW property include shoulder widening, rehabilitation, grading, and shaping. The following estimated volume of impacted soil may be managed on-site, in accordance with 669.05.a(1):

- Excavation for shoulder widening, grading, shaping, and rehabilitation (adjacent to boring ROW-3) – These excavations are assumed to occur from STA 163+00 to STA 167+10, between 0 and 100 ft RT of the I-80 centerline. This area is shown with blue shading on Figure 4-2.
- Excavation for shoulder widening, grading, shaping, and rehabilitation (adjacent to boring ROW-6) – These excavations are assumed to occur from STA 169+50 to STA 176+00, between 0 and 100 ft LT of the I-80 centerline. This area is shown with blue shading on Figure 4-2.
- Excavation for shoulder widening, grading, shaping, and rehabilitation (adjacent to boring ROW-13) – These excavations are assumed to occur from STA 187+05 to STA 192+35, between 0 and 100 ft RT of the I-80 centerline. This area is shown with blue shading on Figures 4-3 and 4-4.
- Excavation for shoulder widening, grading, shaping, and rehabilitation (adjacent to boring ROW-21) – These excavations are assumed to occur from STA 207+45 to STA 212+90, between 0 and 100 ft RT of the I-80 centerline. This area is shown with blue shading on Figure 4-5.
- Excavation for shoulder widening, grading, shaping, and rehabilitation (adjacent to boring ROW-22) – These excavations are assumed to occur from STA 209+70 to STA 215+00, between 0 and 100 ft LT of the I-80 centerline. This area is shown with blue shading on Figure 4-5.
- Excavation for shoulder widening, grading, shaping, and rehabilitation (adjacent to boring ROW-32) – These excavations are assumed to occur from STA 234+75 to STA 238+95, between 0 and 100 ft LT of the I-80 centerline. This area is shown with blue shading on Figure 4-7.
- Excavation for shoulder widening, grading, shaping, and rehabilitation (adjacent to boring ROW-44) – These excavations are assumed to occur from STA 264+95 to STA 269+95, between 0 and 100 ft LT of the I-80 centerline. This area is shown with blue shading on Figures 4-9 and 4-10.

The following estimated volume of impacted soil may be managed on-site or to a CCDD/USFO, in accordance with 669.05.a(2):

- Excavation for shoulder widening, grading, shaping, and rehabilitation (adjacent to boring ROW-5) – These excavations are assumed to occur from STA 167+10 to 172+25, between 0 and 100 ft RT of the I-80 centerline. This area is shown with a blue outline on Figure 4-2.
- Excavation for shoulder widening, grading, shaping, and rehabilitation (adjacent to boring ROW-8) – These excavations are assumed to occur from STA 176+00 to 180+50, between 0 and 100 ft LT of the I-80 centerline. This area is shown with a blue outline on Figure 4-3.
- Excavation for shoulder widening, grading, shaping, and rehabilitation (adjacent to boring ROW-15) – These excavations are assumed to occur from STA 192+35 to 198+25, between 0 and 100 ft RT of the I-80 centerline. This area is shown with a blue outline on Figure 4-4.
- Excavation for shoulder widening, grading, shaping, and rehabilitation (adjacent to boring ROW-16) – These excavations are assumed to occur from STA 195+85 to 202+00, between 0 and 100 ft LT of the I-80 centerline. This area is shown with a blue outline on Figure 4-4.
- Excavation for shoulder widening, grading, shaping, and rehabilitation (adjacent to boring ROW-19) – These excavations are assumed to occur from STA 202+60 to 207+45, between 0 and 100 ft RT of the I-80 centerline. This area is shown with a blue outline on Figure 4-5.
- Excavation for shoulder widening, grading, shaping, and rehabilitation (adjacent to boring ROW-25) – These excavations are assumed to occur from STA 217+55 to 222+75, between 0 and 100 ft RT of the I-80 centerline. This area is shown with a blue outline on Figure 4-6.
- Excavation for shoulder widening, grading, shaping, and rehabilitation (adjacent to boring ROW-26) – These excavations are assumed to occur from STA 219+80 to 225+05, between 0 and 100 ft LT of the I-80 centerline. This area is shown with a blue outline on Figure 4-6.
- Excavation for shoulder widening, grading, shaping, and rehabilitation (adjacent to boring ROW-29) – These excavations are assumed to occur from STA 227+40 to 232+50, between 0 and 100 ft RT of the I-80 centerline. This area is shown with a blue outline on Figure 4-7.
- Excavation for shoulder widening, grading, shaping, and rehabilitation (adjacent to boring ROW-38) – These excavations are assumed to occur from STA 250+25 to 255+35, between 0 and 100 ft LT of the I-80 centerline. This area is shown with a blue outline on Figure 4-8.

- Excavation for shoulder widening, grading, shaping, and rehabilitation (adjacent to boring ROW-41) – These excavations are assumed to occur from STA 257+80 to 262+75, between 0 and 100 ft RT of the I-80 centerline. This area is shown with a blue outline on Figure 4-9.
- Excavation for shoulder widening, grading, shaping, and rehabilitation (adjacent to boring ROW-57) – These excavations are assumed to occur from STA 296+95 to 303+00, between 0 and 100 ft RT of the I-80 centerline. This area is shown with a blue outline on Figure 4-12.

The following estimated volume of impacted soil may be managed on-site or to a CCDD/USFO within a MSA County and Chicago Corporate limits, in accordance with 669.05.a(3):

- Excavation for shoulder widening, grading, shaping, and rehabilitation (adjacent to borings ROW-1 and ROW-2) – These excavations are assumed to occur from STA 158+70 to 163+00, between 100 ft LT and 100 ft RT of the I-80 centerline. This area is shown with a green outline on Figure 4-1.
- Excavation for shoulder widening, grading, shaping, and rehabilitation (adjacent to boring ROW-4) – These excavations are assumed to occur from STA 163+00 to 169+50 between 0 and 100 ft LT of the I-80 centerline. This area is shown with a green outline on Figure 4-2.
- Excavation for shoulder widening, grading, shaping, and rehabilitation (adjacent to borings ROW-7, ROW-9, and ROW-11) – These excavations are assumed to occur from STA 172+25 to 187+05 between 0 and 100 ft RT of the I-80 centerline. This area is shown with a green outline on Figures 4-2 and 4-3.
- Excavation for shoulder widening, grading, shaping, and rehabilitation (adjacent to borings ROW-10, ROW-12, and ROW-14) – These excavations are assumed to occur from STA 180+50 to 195+85 between 0 and 100 ft LT of the I-80 centerline. This area is shown with a green outline on Figures 4-3 and 4-4.
- Excavation for shoulder widening, grading, shaping, and rehabilitation (adjacent to boring ROW-17) – These excavations are assumed to occur from STA 198+25 to 202+65 between 0 and 100 ft RT of the I-80 centerline. This area is shown with a green outline on Figures 4-4 and 4-5.
- Excavation for shoulder widening, grading, shaping, and rehabilitation (adjacent to boring ROW-18) – These excavations are assumed to occur from STA 202+00 to 205+20 between 0 and 100 ft LT of the I-80 centerline. This area is shown with a green outline on Figure 4-5.
- Excavation for shoulder widening, grading, shaping, and rehabilitation (adjacent to boring ROW-23) – These excavations are assumed to occur from STA 212+90 to 217+55 between 0 and 100 ft RT of the I-80 centerline. This area is shown with a green outline on Figures 4-5 and 4-6.

- Excavation for shoulder widening, grading, shaping, and rehabilitation (adjacent to boring ROW-24) – These excavations are assumed to occur from STA 215+00 to 219+80 between 0 and 100 ft LT of the I-80 centerline. This area is shown with a green outline on Figure 4-6.
- Excavation for shoulder widening, grading, shaping, and rehabilitation (adjacent to boring ROW-27) – These excavations are assumed to occur from STA 222+75 to 227+40 between 0 and 100 ft RT of the I-80 centerline. This area is shown with a green outline on Figure 4-6.
- Excavation for shoulder widening, grading, shaping, and rehabilitation (adjacent to borings ROW-28 and ROW-30) – These excavations are assumed to occur from STA 225+05 to 234+75 between 0 and 100 ft LT of the I-80 centerline. This area is shown with a green outline on Figures 4-6 and 4-7.
- Excavation for shoulder widening, grading, shaping, and rehabilitation (adjacent to borings ROW-33 and ROW-35) – These excavations are assumed to occur from STA 236+95 to 246+80 between 0 and 100 ft RT of the I-80 centerline. This area is shown with a green outline on Figures 4-7 and 4-8.
- Excavation for shoulder widening, grading, shaping, and rehabilitation (adjacent to borings ROW-34 and ROW-36) – These excavations are assumed to occur from STA 238+95 to 250+25 between 0 and 100 ft LT of the I-80 centerline. This area is shown with a green outline on Figures 4-7 and 4-8.
- Excavation for shoulder widening, grading, shaping, and rehabilitation (adjacent to boring ROW-39) – These excavations are assumed to occur from STA 252+00 to 257+80 between 0 and 100 ft RT of the I-80 centerline. This area is shown with a green outline on Figures 4-8 and 4-9.
- Excavation for shoulder widening, grading, shaping, and rehabilitation (adjacent to borings ROW-40 and ROW-42) – These excavations are assumed to occur from STA 255+35 to 264+95 between 0 and 100 ft LT of the I-80 centerline. This area is shown with a green outline on Figure 4-9.
- Excavation for shoulder widening, grading, shaping, and rehabilitation (adjacent to borings ROW-43, ROW-45, ROW-47, and ROW-49) – These excavations are assumed to occur from STA 262+75 to 282+25 between 0 and 100 ft RT of the I-80 centerline. This area is shown with a green outline on Figures 4-9, 4-10, and 4-11.
- Excavation for shoulder widening, grading, shaping, and rehabilitation (adjacent to borings ROW-46, ROW-48, ROW-50, and ROW-52) – These excavations are assumed to occur from STA 269+95 to 289+70 between 0 and 100 ft LT of the I-80 centerline. This area is shown with a green outline on Figures 4-10 and 4-11.

- Excavation for shoulder widening, grading, shaping, and rehabilitation (adjacent to boring ROW-55) – These excavations are assumed to occur from STA 291+95 to 296+95 between 0 and 100 ft RT of the I-80 centerline. This area is shown with a green outline on Figures 4-11 and 4-12.
- Excavation for shoulder widening, grading, shaping, and rehabilitation (adjacent to borings ROW-56 and ROW-58) – These excavations are assumed to occur from STA 294+45 to 303+00 between 0 and 100 ft LT of the I-80 centerline. This area is shown with a green outline on Figures 4-12.

The following estimated volume of impacted soil may be managed on-site or to a CCDD/USFO within a MSA County excluding Chicago Corporate limits, in accordance with 669.05.a(4):

- Excavation for shoulder widening, grading, shaping, and rehabilitation (adjacent to boring ROW-54) – These excavations are assumed to occur from STA 289+70 to 294+45 between 0 and 100 ft LT of the I-80 centerline. This area is shown with a black outline and yellow shading on Figures 4-11 and 4-12.

The following estimated volume of impacted soil should be managed as a non-special waste, in accordance with 669.05.a(5):

- Excavation for shoulder widening, grading, shaping, and rehabilitation (adjacent to boring ROW-31) – These excavations are assumed to occur from STA 232+50 to 236+95 between 0 and 100 ft RT of the I-80 centerline. This area is shown with orange shading on Figure 4-7.
- Excavation for shoulder widening, grading, shaping, and rehabilitation (adjacent to boring ROW-37) – These excavations are assumed to occur from STA 246+80 to 252+00 between 0 and 100 ft RT of the I-80 centerline. This area is shown with orange shading on Figure 4-8.
- Excavation for shoulder widening, grading, shaping, and rehabilitation (adjacent to borings ROW-51 and ROW-53) – These excavations are assumed to occur from STA 282+25 to 291+95 between 0 and 100 ft RT of the I-80 centerline. This area is shown with orange shading on Figure 4-11.

Based on the information provided on the IDOT PESA Response Form and volume calculations provided in Appendix C, a total of approximately 17,105 yd³ of soil will be excavated during construction at the I-80 ROW property, along Shepley Road. Of this total, approximately 2,124 yd³ of soil may be excavated and managed on-site or as a “non-special waste”, in accordance with 669.05.a(1), providing that a “non-special waste certification” is submitted by the generator according to the conditions in 415 ILCS 5/22.48 and 415 ILCS 5/3.475. The property history and available analytical data indicate a “non-

special waste certification” can be applied to soil anticipated to be excavated adjacent to and within this property during construction activities.

Of the total volume to be excavated at the I-80 ROW property, approximately 3,446 yd³ of soil should be managed on-site or to a CCDD/USFO, in accordance with 669.05.a(2). If this soil cannot be managed on-site or to a CCDD/USFO, it should be managed as a non-special waste, as described above.

Of the total volume to be excavated at the I-80 ROW property, approximately 9,780 yd³ of soil should be managed on-site or to a CCDD/USFO, within an MSA County, in accordance with 669.05.a(3). If this soil cannot be managed on-site or to a CCDD/USFO, within an MSA County, it should be managed as a non-special waste, as described above.

Of the total volume to be excavated at the I-80 ROW property, approximately 282 yd³ of soil should be managed on-site or to a CCDD/USFO, within a MSA County excluding Chicago Corporate limits, in accordance with 669.05.a(4). If this soil cannot be managed on-site or to a CCDD/USFO, within a MSA County excluding Chicago Corporate limits, it should be managed as a non-special waste, as described above.

Of the total volume to be excavated at the I-80 ROW property, approximately 1,146 yd³ of soil should be managed off-site as a non-special waste, in accordance with 669.05.a(5), as described above.

The estimated construction management cost for this material is approximately \$304,600.00, which includes costs to prepare a Regulated Substances Pre-Construction Plan (RSPCP), a Regulated Substances Final Construction Report (RSFCR), and On-Site Monitoring of Regulated Substances, including preparation of Regulated Substances Monitoring Daily Record (RSMDR). A breakdown of the estimated cost is presented in Table 4-4.

As the soil adjacent to soil boring ROW-20 is considered uncontaminated and its use unrestricted, this soil may also be managed to a CCDD/USFO. However, this is based on limited data points and any soil excavated in non-restricted areas which exhibits visual and/or olfactory evidence of contamination should be tested and appropriate management options evaluated.

An Uncontaminated Soil Certification form is included in Appendix B for the soil in the vicinity of boring ROW-1, ROW-2, ROW-4, ROW-5, ROW-7 through ROW-12, ROW-14 through ROW-20, ROW-23 through ROW-30, ROW-33 through ROW-36, ROW-38 through ROW-43, ROW-45 through ROW-50, ROW-52, and ROW-54 through ROW-58 that may be managed to a CCDD/USFO.

Potential IDOT Property Acquisition – Soil Management

Proposed IDOT construction plans indicate that no additional ROW will be acquired adjacent to this property. Therefore, estimated costs to remediate soil were not determined.

Comparison of Soil Concentrations with Construction Worker Reference Concentrations

Tables 4-2 and 4-3 contain a comparison of detected constituents to the most conservative of the TACO Tier 1 Construction Worker ingestion or inhalation values. No constituents were detected at the subject property at levels exceeding their TACO Tier 1 remediation objectives for the Construction Worker exposure route.

4.4 SOIL MANAGEMENT AREAS AND APPLICABLE SPECIAL PROVISION REGULATIONS

The following presents the areas shown on Figures 4-1 through 4-13 where IDOT special provisions are applicable.

Site 2233V2-1: CL I-80 ROW, Mile Marker 121.5 to Mile Marker 138, Interstate 80, Minooka, Will County

- Station 158+70 to Station 163+00 (CL I-80), 100 feet RT and 100 feet LT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(3). Contaminants of concern sampling parameters: Benzo(a)pyrene, Lead and Manganese.
- Station 163+00 to Station 167+20 (CL I-80), 0 to 100 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(1). Contaminants of concern sampling parameters: Benzo(a)pyrene, Manganese.

- Station 163+00 to Station 169+60 (CL I-80), 0 to 100 feet LT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(3). Contaminants of concern sampling parameters: Benzo(a)pyrene, Lead and Manganese.
- Station 167+20 to Station 172+35 (CL I-80), 0 to 100 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(2). Contaminant of concern sampling parameter: Manganese.
- Station 169+60 to Station 176+00 (CL I-80), 0 to 100 feet LT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(1). Contaminants of concern sampling parameters: Lead and Manganese.
- Station 172+35 to Station 187+05 (CL I-80), 0 to 100 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(3). Contaminants of concern sampling parameters: Benzo(a)pyrene and Manganese.
- Station 176+00 to Station 180+55 (CL I-80), 0 to 100 feet LT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(2). Contaminants of concern sampling parameters: Lead and Manganese.
- Station 180+55 to Station 195+85 (CL I-80), 0 to 100 feet LT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(3). Contaminants of concern sampling parameters: Benzo(a)pyrene, Lead and Manganese.
- Station 187+05 to Station 192+70 (CL I-80), 0 to 100 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(1). Contaminant of concern sampling parameter: Manganese.
- Station 192+70 to Station 198+35 (CL I-80), 0 to 100 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(2). Contaminant of concern sampling parameter: Manganese.
- Station 195+85 to Station 202+00 (CL I-80), 0 to 100 feet LT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(2). Contaminant of concern sampling parameter: Manganese.
- Station 198+35 to Station 202+65 (CL I-80), 0 to 100 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(3). Contaminants of concern sampling parameters: Benzo(a)pyrene, Lead and Manganese.

- Station 202+00 to Station 205+20 (CL I-80), 0 to 100 feet LT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(3). Contaminants of concern sampling parameters: Benzo(a)pyrene, Lead and Manganese.
- Station 202+60 to Station 207+45 (CL I-80), 0 to 100 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(2). Contaminant of concern sampling parameter: Manganese.
- Station 207+45 to Station 212+90 (CL I-80), 0 to 100 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(1). Contaminants of concern sampling parameters: Benzo(a)pyrene, Manganese.
- Station 209+30 to Station 215+00 (CL I-80), 0 to 100 feet LT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(1). Contaminants of concern sampling parameters: Benzo(a)pyrene and Manganese.
- Station 212+90 to Station 217+55 (CL I-80), 0 to 100 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(3). Contaminants of concern sampling parameters: Benzo(a)pyrene and Manganese.
- Station 215+00 to Station 219+80 (CL I-80), 0 to 100 feet LT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(3). Contaminants of concern sampling parameters: Benzo(a)pyrene and Manganese.
- Station 217+55 to Station 222+75 (CL I-80), 0 to 100 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(2). Contaminant of concern sampling parameter: Manganese.
- Station 219+80 to Station 225+05 (CL I-80), 0 to 100 feet LT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(2). Contaminant of concern sampling parameter: Manganese.
- Station 222+75 to Station 227+40 (CL I-80), 0 to 100 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(3). Contaminants of concern sampling parameters: Benzo(a)pyrene and Manganese.
- Station 225+05 to Station 234+75 (CL I-80), 0 to 100 feet LT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(3). Contaminants of concern sampling parameters: Benzo(a)pyrene and Manganese.

- Station 227+40 to Station 232+50 (CL I-80), 0 to 100 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(2). Contaminant of concern sampling parameter: Manganese.
- Station 232+50 to Station 236+95 (CL I-80), 0 to 100 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(5). Contaminants of concern sampling parameters: Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Carbazole, Dibenzo(a,h)anthracene, Indeno(1,2,3- cd)pyrene and Manganese.
- Station 234+75 to Station 238+95 (CL I-80), 0 to 100 feet LT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(1). Contaminants of concern sampling parameters: Benzo(a)pyrene, Benzo(b)fluoranthene, Dibenzo(a,h)anthracene and Manganese.
- Station 236+95 to Station 246+80 (CL I-80), 0 to 100 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(3). Contaminants of concern sampling parameters: Benzo(a)pyrene and Manganese.
- Station 238+95 to Station 250+25 (CL I-80), 0 to 100 feet LT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(3). Contaminants of concern sampling parameters: Benzo(a)pyrene, Lead and Manganese.
- Station 246+80 to Station 252+00 (CL I-80), 0 to 100 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(5). Contaminants of concern sampling parameters: Benzo(a)pyrene and Manganese.
- Station 250+25 to Station 255+35 (CL I-80), 0 to 100 feet LT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(2). Contaminant of concern sampling parameter: Manganese.
- Station 252+00 to Station 257+80 (CL I-80), 0 to 100 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(3). Contaminants of concern sampling parameters: Benzo(a)pyrene and Manganese.
- Station 255+35 to Station 264+95 (CL I-80), 0 to 100 feet LT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(3). Contaminants of concern sampling parameters: Benzo(a)pyrene and Manganese.

- Station 257+80 to Station 262+75 (CL I-80), 0 to 100 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(2). Contaminant of concern sampling parameter: Manganese.
- Station 262+75 to Station 282+25 (CL I-80), 0 to 100 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(3). Contaminants of concern sampling parameters: Benzo(a)pyrene and Manganese.
- Station 264+95 to Station 269+95 (CL I-80), 0 to 100 feet LT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(1). Contaminants of concern sampling parameters: Benzo(a)pyrene, Benzo(b)fluoranthene and Manganese.
- Station 269+95 to Station 289+70 (CL I-80), 0 to 100 feet LT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(3). Contaminants of concern sampling parameters: Benzo(a)pyrene, Benzo(b)fluoranthene, Dibenzo(a,h)anthracene, Lead and Manganese.
- Station 282+25 to Station 291+90 (CL I-80), 0 to 100 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(5). Contaminants of concern sampling parameters: Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Carbazole, Dibenzo(a,h)anthracene, Indeno(1,2,3- cd)pyrene, Naphthalene and Manganese.
- Station 289+70 to Station 294+45 (CL I-80), 0 to 100 feet LT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(4). Contaminants of concern sampling parameters: Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Dibenzo(a,h)anthracene and Manganese.
- Station 291+90 to Station 296+95 (CL I-80), 0 to 100 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(3). Contaminants of concern sampling parameters: Benzo(a)pyrene and Manganese.
- Station 294+45 to Station 303+00 (CL I-80), 0 to 100 feet LT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(3). Contaminants of concern sampling parameters: Benzo(a)pyrene, Benzo(b)fluoranthene and Manganese.
- Station 296+95 to Station 303+00 (CL I-80), 0 to 100 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(2). Contaminant of concern sampling parameter: Manganese.

Table 4-1
Field Observations and Sampling Rationale
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Site	Boring Station Location ¹	Boring Depth	Construction Activity/Property Acquisition	Maximum Depth of Construction	Headspace Screening Range	Max. Headspace Depth	Soil Sample Depth ²	Comments
		feet		feet	PID units	feet	feet	
I-80 ROW (ISGS Site No. 2233V2-1)								
ROW-1	STA 159+99, 60 ft RT of I-80 CL.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-2	STA 162+50, 55 ft LT of I-80 CL.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-3	STA 165+14, 67 ft RT of I-80 CL.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-4	STA 166+68, 60 ft LT of I-80 CL.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-5	STA 169+30, 68 ft RT of I-80 CL.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-6	STA 172+50, 58 ft LT of I-80 CL.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	NA	0.0 - 2.0	
ROW-7	STA 175+29, 65 ft RT of I-80 CL.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-8	STA 178+58, 64 ft LT of I-80 CL.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-9	STA 180+61, 65 ft RT of I-80 CL.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-10	STA 182+60, 53 ft LT of I-80 CL.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-11	STA 184+52, 66 ft RT of I-80.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-12	STA 187+04, 56 ft LT of I-80.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	

Continued on next page

Table 4-1 (Continued)
Field Observations and Sampling Rationale
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Site	Boring Station Location ¹	Boring Depth	Construction Activity/Property Acquisition	Maximum Depth of Construction	Headspace Screening Range	Max. Headspace Depth	Soil Sample Depth ²	Comments
		feet		feet	PID units	feet	feet	
I-80 ROW (ISGS Site No. 2233V2-1) (Continued)								
ROW-13	STA 189+68, 61 ft RT of I-80.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-14	STA 192+50, 49 ft LT of I-80.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-15	STA 196+20, 68 ft RT of I-80.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-16	STA 199+00, 43 ft LT of I-80.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-17	STA 201+47, 71 ft RT of I-80.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-18	STA 203+55, 40 ft LT of I-80.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-19	STA 204+98, 71 ft RT of I-80.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-20	STA 207+03, 40 ft LT of I-80.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-21	STA 208+60, 64 ft RT of I-80.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-22	STA 213+70, 46 ft LT of I-80.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-23	STA 214+87, 60 ft RT of I-80.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-24	STA 216+65, 51 ft LT of I-80.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	

Continued on next page

Table 4-1 (Continued)
Field Observations and Sampling Rationale
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Site	Boring Station Location ¹	Boring Depth	Construction Activity/Property Acquisition	Maximum Depth of Construction	Headspace Screening Range	Max. Headspace Depth	Soil Sample Depth ²	Comments
		feet		feet	PID units	feet	feet	
I-80 ROW (ISGS Site No. 2233V2-1) (Continued)								
ROW-25	STA 220+23, 64 ft RT of I-80.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-26	STA 222+80, 50 ft LT of I-80.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-27	STA 225+22, 65 ft RT of I-80.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-28	STA 227+57, 46 ft LT of I-80.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-29	STA 230+23, 66 ft RT of I-80.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-30	STA 232+40, 50 ft LT of I-80.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-31	STA 235+04, 64 ft RT of I-80.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-32	STA 236+72, 52 ft LT of I-80.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-33	STA 238+47, 60 ft RT of I-80.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-34	STA 241+02, 60 ft LT of I-80.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-35	STA 244+26, 59 ft RT of I-80.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-36	STA 247+25, 55 ft LT of I-80.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	

Continued on next page

Table 4-1 (Continued)
Field Observations and Sampling Rationale
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Site	Boring Station Location ¹	Boring Depth	Construction Activity/Property Acquisition	Maximum Depth of Construction	Headspace Screening Range	Max. Headspace Depth	Soil Sample Depth ²	Comments
		feet		feet	PID units	feet	feet	
I-80 ROW (ISGS Site No. 2233V2-1) (Continued)								
ROW-37	STA 249+97, 66 ft RT of I-80.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-38	STA 253+21, 52 ft LT of I-80.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-39	STA 255+90, 65 ft RT of I-80.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-40	STA 257+69, 50 ft LT of I-80.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-41	STA 259+89, 64 ft RT of I-80.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-42	STA 262+43, 53 ft LT of I-80.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-43	STA 265+72, 61 ft RT of I-80.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-44	STA 267+59, 53 ft LT of I-80.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-45	STA 270+00, 62 ft RT of I-80.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-46	STA 272+63, 58 ft LT of I-80.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-47	STA 275+60, 63 ft RT of I-80.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-48	STA 277+35, 65 ft LT of I-80.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-49	STA 279+03, 65 ft RT of I-80.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	

Continued on next page

Table 4-1 (Continued)
Field Observations and Sampling Rationale
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Site	Boring Station Location ¹	Boring Depth	Construction Activity/Property Acquisition	Maximum Depth of Construction	Headspace Screening Range	Max. Headspace Depth	Soil Sample Depth ²	Comments
		feet		feet	PID units	feet	feet	
I-80 ROW (ISGS Site No. 2233V2-1) (Continued)								
ROW-50	STA 282+53, 65 ft LT of I-80.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-51	STA 284+38, 57 ft RT of I-80.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-52	STA 287+63, 72 ft LT of I-80.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-53	STA 289+97, 59 ft RT of I-80.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-54	STA 292+12, 76 ft LT of I-80.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-55	STA 294+00, 55 ft RT of I-80.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-56	STA 295+84, 83 ft LT of I-80.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-57	STA 298+36, 52 ft RT of I-80.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	
ROW-58	STA 301+12, 94 ft LT of I-80.	2.0	Shoulder widening, grading, shaping, and rehabilitation to a maximum depth of 2.0 ft bgs.	2.0	BG	N/A	0.0 - 2.0	

Notes:

¹ - Locations referenced to existing centerline (CL) of subject street as noted. See also Figures 3-1 through 3-13 for boring locations.

² - Sampling intervals are based on the soil sampling analyses approach discussed in section 3.2.1 of the Final Work Plan for this PSI dated April 2021.

BG - Headspace readings indicative of background levels. Background levels are headspace readings of less than 1.0 parts per million (ppm).

N/A - Not Applicable

Table 4-2
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results - Organics
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-1	ROW-2	ROW-2	ROW-3	ROW-4	Soil Reference Concentrations ^A	Soil Remediation Objectives for Construction Workers ^B
Sample Date	5/26/2021	5/27/2021	5/27/2021	5/26/2021	5/27/2021		
Field Sample ID	ROW-1(0-2)-052621	ROW-2(0-2)-052721	ROW-2(0-2)-052721D	ROW-3(0-2)-052621	ROW-4(0-2)-052721		
ISGS Site Number	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1		
Parameters							
VOCs (mg/kg)							
Acetone	ND	ND	ND	ND	ND	25	100000
Benzene	ND	ND	ND	ND	ND	0.03	2.2
Carbon disulfide	ND	ND	ND	ND	ND	9	9
Methyl ethyl ketone	ND	ND	ND	ND	ND	---	---
Methylene chloride	ND	ND	ND	ND	ND	0.02	34
Toluene	ND	ND	ND	ND	ND	12	42
Xylene (Total)	ND	ND	ND	ND	ND	5.6	5.6
SVOCs (mg/kg)							
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	26	200000
2-Methylnaphthalene	0.013 J	ND	ND	ND	ND	---	---
3 & 4 Methylphenol	ND	ND	ND	ND	ND	---	---
Acenaphthene	0.03 J	ND	ND	0.01 J	ND	570	120000
Acenaphthylene	0.0071 J	0.014 J	0.0092 J	0.0098 J	0.01 J	---	---
Anthracene	0.099	0.018 J	0.035 J	0.055	0.012 J	12000	610000
Benzo(a)anthracene	0.37 J	0.11	0.12	0.15	0.079 J	0.9 / 1.1 / 1.8	170
Benzo(a)pyrene	0.43 J	0.15 J	0.15	0.21 J	0.11 J	0.09 / 1.3 / 2.1	17
Benzo(b)fluoranthene	0.72 J	0.24 J	0.21	0.36 J	0.18 J	0.9 / 1.5 / 2.1	170
Benzo(g,h,i)perylene	0.13 J	0.05 J	0.05	0.085 J	ND	---	---
Benzo(k)fluoranthene	0.3 J	0.073 J	0.079	0.14 J	0.066 J	9	1700
bis(2-Ethylhexyl)phthalate	0.074 J	ND	ND	0.47	0.074 J	46	4100
Butyl benzyl phthalate	0.36 J	ND	ND	26	ND	930	930
Carbazole	0.18 J	ND	ND	0.15 J	ND	0.6	6200
Chrysene	0.43 J	0.13	0.13	0.18	0.11 J	88	17000
Dibenzo(a,h)anthracene	0.045 J	ND	ND	0.023 J	ND	0.09 / 0.2 / 0.42	17
Dibenzofuran	ND	ND	ND	ND	ND	---	---
Dimethyl phthalate	ND	ND	ND	ND	ND	---	---
Di-N-Butyl phthalate	ND	ND	ND	0.084 J	ND	2300	2300
Di-N-Octyl phthalate	ND	ND	ND	ND	ND	1600	4100
Fluoranthene	0.82 J	0.16	0.24	0.27	0.13	3100	82000
Fluorene	0.054	ND	0.012 J	0.036 J	ND	560	82000
Indeno(1,2,3-cd)pyrene	0.12 J	0.048 J	0.039	0.066 J	0.052 J	0.9 / 0.9 / 1.6	170
Naphthalene	0.017 J	ND	ND	ND	ND	1.8	1.8
Phenanthrene	0.43	0.053 J	0.14 J	0.14	0.054	---	---
Phenol	ND	ND	ND	ND	ND	100	61000
Pyrene	1.2 J	0.24	0.25	0.45	0.24 J	2300	61000

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.

^B - Soil Remediation Objective for Construction Workers, most stringent of the *Ingestion or Inhalation* exposure route.

ND - Constituent not detected above the reporting limit.

J - Estimated concentration.

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

Table 4-2 (Continued)
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results - Organics
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-5	ROW-6	ROW-7	ROW-8	ROW-9	Soil Reference Concentrations ^A	Soil Remediation Objectives for Construction Workers ^B
Sample Date	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021		
Field Sample ID	ROW-5(0-2)-052621	ROW-6(0-2)-052721	ROW-7(0-2)-052621	ROW-8(0-2)-052721	ROW-9(0-2)-052621		
ISGS Site Number	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1		
Parameters							
VOCs (mg/kg)							
Acetone	ND	ND	ND	ND	ND	25	100000
Benzene	ND	ND	ND	ND	ND	0.03	2.2
Carbon disulfide	ND	ND	ND	ND	ND	9	9
Methyl ethyl ketone	ND	ND	ND	ND	ND	---	---
Methylene chloride	ND	ND	ND	ND	ND	0.02	34
Toluene	ND	ND	ND	ND	ND	12	42
Xylene (Total)	ND	ND	ND	ND	ND	5.6	5.6
SVOCs (mg/kg)							
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	26	200000
2-Methylnaphthalene	ND	ND	ND	ND	ND	---	---
3 & 4 Methylphenol	ND	ND	ND	ND	ND	---	---
Acenaphthene	ND	ND	0.014 J	ND	ND	570	120000
Acenaphthylene	ND	0.0057 J	ND	0.0065 J	ND	---	---
Anthracene	0.034 J	ND	0.06	ND	0.046	12000	610000
Benzo(a)anthracene	0.024 J	0.027 J	0.11	0.035 J	0.14	0.9 / 1.1 / 1.8	170
Benzo(a)pyrene	0.03 J	0.041	0.15	0.054	0.24	0.09 / 1.3 / 2.1	17
Benzo(b)fluoranthene	0.047	0.053	0.23	0.071	0.42	0.9 / 1.5 / 2.1	170
Benzo(g,h,i)perylene	0.047	0.029 J	0.062	ND	0.08	---	---
Benzo(k)fluoranthene	0.015 J	0.029 J	0.091	0.037 J	0.13	9	1700
bis(2-Ethylhexyl)phthalate	ND	ND	ND	ND	ND	46	4100
Butyl benzyl phthalate	ND	ND	ND	ND	ND	930	930
Carbazole	0.15 J	ND	0.15 J	ND	0.16 J	0.6	6200
Chrysene	0.035 J	0.039 J	0.12	0.039 J	0.2	88	17000
Dibenzo(a,h)anthracene	0.0077 J	ND	0.013 J	ND	0.022 J	0.09 / 0.2 / 0.42	17
Dibenzofuran	ND	ND	ND	ND	ND	---	---
Dimethyl phthalate	ND	ND	ND	ND	ND	---	---
Di-N-Butyl phthalate	ND	ND	ND	ND	ND	2300	2300
Di-N-Octyl phthalate	ND	ND	ND	ND	ND	1600	4100
Fluoranthene	0.073	0.036 J	0.25	0.037 J	0.31	3100	82000
Fluorene	ND	ND	0.039	ND	0.035 J	560	82000
Indeno(1,2,3-cd)pyrene	0.018 J	0.018 J	0.045	ND	0.058	0.9 / 0.9 / 1.6	170
Naphthalene	ND	ND	ND	ND	ND	1.8	1.8
Phenanthrene	0.055	0.015 J	0.17	0.012 J	0.11	---	---
Phenol	ND	ND	ND	ND	ND	100	61000
Pyrene	0.047	0.043	0.22	0.048	0.33	2300	61000

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.

^B - Soil Remediation Objective for Construction Workers, most stringent of the *Ingestion or Inhalation* exposure route.

ND - Constituent not detected above the reporting limit.

J - Estimated concentration.

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

Table 4-2 (Continued)
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results - Organics
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-10	ROW-11	ROW-12	ROW-13	ROW-14	Soil Reference Concentrations ^A	Soil Remediation Objectives for Construction Workers ^B
Sample Date	5/27/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021		
Field Sample ID	ROW-10(0-2)-052721	ROW-11(0-2)-052621	ROW-12(0-2)-052721	ROW-13(0-2)-052621	ROW-14(0-2)-052721		
ISGS Site Number	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1		
Parameters							
VOCs (mg/kg)							
Acetone	ND	ND	ND	ND	ND	25	100000
Benzene	ND	ND	ND	ND	ND	0.03	2.2
Carbon disulfide	ND	ND	ND	ND	ND	9	9
Methyl ethyl ketone	ND	ND	ND	ND	ND	---	---
Methylene chloride	ND	ND	ND	ND	ND	0.02	34
Toluene	ND	ND	ND	ND	ND	12	42
Xylene (Total)	ND	ND	ND	ND	ND	5.6	5.6
SVOCs (mg/kg)							
2,4,5-Trichlorophenol	ND	0.13 J	ND	ND	ND	26	200000
2-Methylnaphthalene	0.016 J	ND	0.013 J	ND	ND	---	---
3 & 4 Methylphenol	ND	ND	ND	ND	ND	---	---
Acenaphthene	0.0082 J	ND	0.016 J	ND	ND	570	120000
Acenaphthylene	0.075	0.0087 J	0.011 J	ND	0.015 J	---	---
Anthracene	0.047	0.04	0.047	0.037 J	0.027 J	12000	610000
Benzo(a)anthracene	0.25	0.077	0.22 J	0.05	0.14 J	0.9 / 1.1 / 1.8	170
Benzo(a)pyrene	0.37 J	0.11	0.25 J	0.077	0.17 J	0.09 / 1.3 / 2.1	17
Benzo(b)fluoranthene	0.56 J	0.18	0.42 J	0.13	0.24 J	0.9 / 1.5 / 2.1	170
Benzo(g,h,i)perylene	0.13 J	0.051	0.27 J	0.051	ND	---	---
Benzo(k)fluoranthene	0.21 J	0.054	0.19 *3	0.048	0.094 J	9	1700
bis(2-Ethylhexyl)phthalate	0.1 J	ND	0.44 J	ND	0.15 J	46	4100
Butyl benzyl phthalate	ND	ND	2.7 J	ND	ND	930	930
Carbazole	ND	0.14 J	ND	0.15 J	ND	0.6	6200
Chrysene	0.32	0.094	0.3 J	0.077	0.18 J	88	17000
Dibenzo(a,h)anthracene	ND	0.0098 J	ND	0.01 J	ND	0.09 / 0.2 / 0.42	17
Dibenzofuran	ND	ND	ND	ND	ND	---	---
Dimethyl phthalate	ND	ND	ND	ND	ND	---	---
Di-N-Butyl phthalate	ND	ND	ND	ND	ND	2300	2300
Di-N-Octyl phthalate	ND	ND	ND	ND	ND	1600	4100
Fluoranthene	0.45	0.17	0.33 J	0.12	0.18	3100	82000
Fluorene	ND	0.032 J	0.017 J	ND	0.0096 J	560	82000
Indeno(1,2,3-cd)pyrene	0.11 J	0.027 J	ND	0.027 J	ND	0.9 / 0.9 / 1.6	170
Naphthalene	0.0074 J	ND	0.013 J	ND	ND	1.8	1.8
Phenanthrene	0.15	0.08	0.24	0.065	0.13	---	---
Phenol	ND	ND	ND	ND	ND	100	61000
Pyrene	0.65	0.14	0.89 J	0.079	0.49 J	2300	61000

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.

^B - Soil Remediation Objective for Construction Workers, most stringent of the *Ingestion or Inhalation* exposure route.

ND - Constituent not detected above the reporting limit.

J - Estimated concentration.

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

Table 4-2 (Continued)
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results - Organics
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-15	ROW-16	ROW-17	ROW-18	ROW-18	Soil Reference Concentrations ^A	Soil Remediation Objectives for Construction Workers ^B
Sample Date	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/27/2021		
Field Sample ID	ROW-15(0-2)-052621	ROW-16(0-2)-052721	ROW-17(0-2)-052621	ROW-18(0-2)-052721	ROW-18(0-2)-052721D		
ISGS Site Number	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1		
Parameters							
VOCs (mg/kg)							
Acetone	ND	ND	ND	ND	ND	25	100000
Benzene	ND	ND	ND	ND	ND	0.03	2.2
Carbon disulfide	ND	ND	ND	ND	ND	9	9
Methyl ethyl ketone	ND	ND	ND	ND	ND	---	---
Methylene chloride	ND	ND	ND	ND	ND	0.02	34
Toluene	ND	ND	ND	ND	ND	12	42
Xylene (Total)	ND	ND	ND	ND	ND	5.6	5.6
SVOCs (mg/kg)							
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	26	200000
2-Methylnaphthalene	ND	ND	ND	0.023 J	0.021 J	---	---
3 & 4 Methylphenol	ND	ND	ND	ND	ND	---	---
Acenaphthene	0.0084 J	ND	0.0071 J	0.017 J	0.0098 J	570	120000
Acenaphthylene	ND	ND	0.014 J	0.024 J	0.027 J	---	---
Anthracene	0.04	ND	0.05	0.038	0.037 J	12000	610000
Benzo(a)anthracene	0.04	0.018 J	0.15	0.19 J	0.15 J	0.9 / 1.1 / 1.8	170
Benzo(a)pyrene	0.058	0.015 J	0.23 J	0.26 J	0.24 J	0.09 / 1.3 / 2.1	17
Benzo(b)fluoranthene	0.089	0.022 J	0.4 J	0.48 J	0.39 J	0.9 / 1.5 / 2.1	170
Benzo(g,h,i)perylene	0.044	ND	0.093 J	0.23 J	0.2 J	---	---
Benzo(k)fluoranthene	0.031 J	ND	0.15 J	0.18 J	0.096 J	9	1700
bis(2-Ethylhexyl)phthalate	ND	ND	ND	0.21 J	0.27 J	46	4100
Butyl benzyl phthalate	ND	ND	ND	0.15 J	0.14 J	930	930
Carbazole	0.15 J	ND	0.15 J	ND	ND	0.6	6200
Chrysene	0.043	0.02 J	0.19	0.31 J	0.21 J	88	17000
Dibenzo(a,h)anthracene	0.0081 J	ND	0.025 J	ND	ND	0.09 / 0.2 / 0.42	17
Dibenzofuran	ND	ND	ND	ND	ND	---	---
Dimethyl phthalate	ND	ND	ND	ND	ND	---	---
Di-N-Butyl phthalate	ND	ND	ND	ND	ND	2300	2300
Di-N-Octyl phthalate	ND	ND	ND	ND	ND	1600	4100
Fluoranthene	0.096	0.024 J	0.27	0.4	0.29	3100	82000
Fluorene	0.034 J	ND	0.035 J	0.013 J	0.017 J	560	82000
Indeno(1,2,3-cd)pyrene	0.019 J	ND	0.078 J	0.13 J	0.077 J	0.9 / 0.9 / 1.6	170
Naphthalene	ND	ND	ND	0.015 J	0.014 J	1.8	1.8
Phenanthrene	0.074	0.013 J	0.12	0.22	0.17	---	---
Phenol	ND	ND	ND	ND	ND	100	61000
Pyrene	0.063	0.026 J	0.49	1 J	0.71 J	2300	61000

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.

^B - Soil Remediation Objective for Construction Workers, most stringent of the *Ingestion or Inhalation* exposure route.

ND - Constituent not detected above the reporting limit.

J - Estimated concentration.

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

Table 4-2 (Continued)
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results - Organics
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-19	ROW-19	ROW-20	ROW-21	ROW-22	Soil Reference Concentrations ^A	Soil Remediation Objectives for Construction Workers ^B
Sample Date	5/26/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021		
Field Sample ID	ROW-19(0-2)-052621	ROW-19(0-2)-052621D	ROW-20(0-2)-052721	ROW-21(0-2)-052621	ROW-22(0-2)-052721		
ISGS Site Number	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1		
Parameters							
VOCs (mg/kg)							
Acetone	ND	ND	ND	ND	ND	25	100000
Benzene	ND	ND	ND	ND	ND	0.03	2.2
Carbon disulfide	ND	ND	ND	ND	ND	9	9
Methyl ethyl ketone	ND	ND	ND	ND	ND	---	---
Methylene chloride	0.0019 J	ND	ND	ND	ND	0.02	34
Toluene	ND	ND	ND	ND	ND	12	42
Xylene (Total)	0.00062 J	ND	0.00052 J	ND	ND	5.6	5.6
SVOCs (mg/kg)							
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	26	200000
2-Methylnaphthalene	ND	ND	0.0083 J	ND	0.016 J	---	---
3 & 4 Methylphenol	ND	ND	ND	ND	ND	---	---
Acenaphthene	ND	ND	ND	ND	0.0082 J	570	120000
Acenaphthylene	ND	ND	ND	ND	0.019 J	---	---
Anthracene	0.036 J	0.034 J	ND	0.037	0.025 J	12000	610000
Benzo(a)anthracene	0.033 J	0.014 J	ND	0.09	0.15 J	0.9 / 1.1 / 1.8	170
Benzo(a)pyrene	0.042	0.02 J	0.0087 J	0.14 J	0.23 J	0.09 / 1.3 / 2.1	17
Benzo(b)fluoranthene	0.062	0.028 J	0.012 J	0.24 J	0.34 J	0.9 / 1.5 / 2.1	170
Benzo(g,h,i)perylene	0.044	0.04	ND	0.06 J	ND	---	---
Benzo(k)fluoranthene	0.022 J	ND	ND	0.088 J	0.13 J	9	1700
bis(2-Ethylhexyl)phthalate	ND	ND	ND	ND	0.16 J	46	4100
Butyl benzyl phthalate	ND	ND	ND	ND	ND	930	930
Carbazole	0.15 J	0.15 J	ND	0.14 J	ND	0.6	6200
Chrysene	0.036 J	0.014 J	ND	0.1	0.25 J	88	17000
Dibenzo(a,h)anthracene	0.008 J	ND	ND	0.016 J	ND	0.09 / 0.2 / 0.42	17
Dibenzofuran	ND	ND	ND	ND	ND	---	---
Dimethyl phthalate	ND	ND	ND	ND	ND	---	---
Di-N-Butyl phthalate	ND	ND	ND	ND	0.1 J	2300	2300
Di-N-Octyl phthalate	ND	ND	ND	ND	ND	1600	4100
Fluoranthene	0.078	0.056	0.016 J	0.18	0.2	3100	82000
Fluorene	0.032 J	ND	ND	0.029 J	0.0055 J	560	82000
Indeno(1,2,3-cd)pyrene	0.017 J	ND	ND	0.04 J	ND	0.9 / 0.9 / 1.6	170
Naphthalene	ND	ND	ND	ND	0.015 J	1.8	1.8
Phenanthrene	0.049	0.043	0.018 J	0.081	0.12	---	---
Phenol	ND	ND	ND	ND	ND	100	61000
Pyrene	0.047	0.02 J	0.034 J	0.24	0.59 J	2300	61000

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.

^B - Soil Remediation Objective for Construction Workers, most stringent of the *Ingestion or Inhalation* exposure route.

ND - Constituent not detected above the reporting limit.

J - Estimated concentration.

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

Table 4-2 (Continued)
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results - Organics
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-23	ROW-24	ROW-25	ROW-26	ROW-27	Soil Reference Concentrations ^A	Soil Remediation Objectives for Construction Workers ^B
Sample Date	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021		
Field Sample ID	ROW-23(0-2)-052621	ROW-24(0-2)-052721	ROW-25(0-2)-052621	ROW-26(0-2)-052721	ROW-27(0-2)-052621		
ISGS Site Number	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1		
Parameters							
VOCs (mg/kg)							
Acetone	ND	ND	ND	ND	ND	25	100000
Benzene	ND	ND	ND	ND	ND	0.03	2.2
Carbon disulfide	ND	ND	ND	ND	ND	9	9
Methyl ethyl ketone	ND	ND	ND	ND	ND	---	---
Methylene chloride	ND	ND	ND	ND	ND	0.02	34
Toluene	ND	ND	ND	ND	ND	12	42
Xylene (Total)	ND	ND	ND	ND	ND	5.6	5.6
SVOCs (mg/kg)							
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	26	200000
2-Methylnaphthalene	ND	ND	ND	ND	ND	---	---
3 & 4 Methylphenol	ND	ND	ND	ND	ND	---	---
Acenaphthene	0.0092 J	0.01 J	ND	ND	ND	570	120000
Acenaphthylene	ND	0.0063 J	ND	ND	ND	---	---
Anthracene	0.051	0.023 J	0.038	0.0087 J	0.036 J	12000	610000
Benzo(a)anthracene	0.093	0.13 J	0.055	0.039	0.088	0.9 / 1.1 / 1.8	170
Benzo(a)pyrene	0.14	0.15 J	0.086 J	0.06 J	0.16 J	0.09 / 1.3 / 2.1	17
Benzo(b)fluoranthene	0.24	0.23 J	0.15 J	0.11 J	0.28 J	0.9 / 1.5 / 2.1	170
Benzo(g,h,i)perylene	0.056	0.088 J	0.048 J	0.036 J	0.062 J	---	---
Benzo(k)fluoranthene	0.079	0.12 J	0.053 J	0.033 J	0.087 J	9	1700
bis(2-Ethylhexyl)phthalate	ND	ND	ND	ND	ND	46	4100
Butyl benzyl phthalate	ND	ND	ND	ND	ND	930	930
Carbazole	0.17 J	ND	0.15 J	ND	0.15 J	0.6	6200
Chrysene	0.13	0.15 J	0.066	0.055	0.11	88	17000
Dibenzo(a,h)anthracene	0.014 J	ND	ND	ND	0.017 J	0.09 / 0.2 / 0.42	17
Dibenzofuran	ND	ND	ND	ND	ND	---	---
Dimethyl phthalate	ND	ND	ND	ND	ND	---	---
Di-N-Butyl phthalate	ND	ND	ND	ND	ND	2300	2300
Di-N-Octyl phthalate	ND	ND	ND	ND	ND	1600	4100
Fluoranthene	0.3	0.19	0.12	0.064	0.16	3100	82000
Fluorene	0.039	0.0077 J	0.032 J	ND	0.031 J	560	82000
Indeno(1,2,3-cd)pyrene	0.035 J	0.09 J	0.025 J	0.024 J	0.046 J	0.9 / 0.9 / 1.6	170
Naphthalene	ND	0.0074 J	ND	ND	ND	1.8	1.8
Phenanthrene	0.16	0.14	0.063	0.034 J	0.067	---	---
Phenol	ND	ND	ND	ND	ND	100	61000
Pyrene	0.26	0.44 J	0.11	0.11	0.16	2300	61000

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.

^B - Soil Remediation Objective for Construction Workers, most stringent of the *Ingestion or Inhalation* exposure route.

ND - Constituent not detected above the reporting limit.

J - Estimated concentration.

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

Table 4-2 (Continued)
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results - Organics
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-28	ROW-29	ROW-30	ROW-31	ROW-32	Soil Reference Concentrations ^A	Soil Remediation Objectives for Construction Workers ^B
Sample Date	5/27/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021		
Field Sample ID	ROW-28(0-2)-052721	ROW-29(0-2)-052621	ROW-30(0-2)-052721	ROW-31(0-2)-052621	ROW-32(0-2)-052721		
ISGS Site Number	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1		
Parameters							
VOCs (mg/kg)							
Acetone	ND	ND	ND	0.046	ND	25	100000
Benzene	ND	ND	ND	0.00095 J	ND	0.03	2.2
Carbon disulfide	ND	ND	ND	0.0088	ND	9	9
Methyl ethyl ketone	ND	ND	ND	0.0063	ND	---	---
Methylene chloride	ND	ND	ND	ND	ND	0.02	34
Toluene	ND	ND	ND	0.001 J	ND	12	42
Xylene (Total)	ND	ND	ND	ND	ND	5.6	5.6
SVOCs (mg/kg)							
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	26	200000
2-Methylnaphthalene	ND	ND	ND	0.11	0.025 J	---	---
3 & 4 Methylphenol	ND	ND	ND	0.11 J	ND	---	---
Acenaphthene	ND	ND	0.014 J	1.6	0.047	570	120000
Acenaphthylene	0.0085 J	ND	ND	0.8	0.022 J	---	---
Anthracene	0.017 J	0.036 J	0.041	8.2	0.15	12000	610000
Benzo(a)anthracene	0.082 J	0.041	0.12	12	0.67 J	0.9 / 1.1 / 1.8	170
Benzo(a)pyrene	0.11 J	0.055	0.13 J	12	0.75 J	0.09 / 1.3 / 2.1	17
Benzo(b)fluoranthene	0.19 J	0.089	0.19 J	15	1.2 J	0.9 / 1.5 / 2.1	170
Benzo(g,h,i)perylene	0.085 J	0.046	0.043 J	2.9	0.5 J	---	---
Benzo(k)fluoranthene	0.076 J	0.029 J	0.092 J	7.1	0.48 J	9	1700
bis(2-Ethylhexyl)phthalate	ND	ND	ND	ND	0.32 J	46	4100
Butyl benzyl phthalate	ND	ND	ND	ND	0.09 J	930	930
Carbazole	ND	0.14 J	ND	2	0.11 J	0.6	6200
Chrysene	0.11 J	0.045	0.13	12	0.77 J	88	17000
Dibenzo(a,h)anthracene	ND	0.0083 J	ND	1.3	0.098 J	0.09 / 0.2 / 0.42	17
Dibenzofuran	ND	ND	ND	0.83	ND	---	---
Dimethyl phthalate	ND	ND	ND	ND	ND	---	---
Di-N-Butyl phthalate	ND	ND	ND	ND	ND	2300	2300
Di-N-Octyl phthalate	ND	ND	ND	ND	ND	1600	4100
Fluoranthene	0.12	0.086	0.24	32	0.91	3100	82000
Fluorene	ND	ND	0.014 J	1.5	0.042	560	82000
Indeno(1,2,3-cd)pyrene	0.057 J	0.02 J	0.048 J	3.8	0.39 J	0.9 / 0.9 / 1.6	170
Naphthalene	0.0065 J	ND	0.0099 J	0.17	0.028 J	1.8	1.8
Phenanthrene	0.079	0.044	0.16	13	0.71	---	---
Phenol	ND	ND	ND	0.19	ND	100	61000
Pyrene	0.28 J	0.057	0.33	29	1.5	2300	61000

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.

^B - Soil Remediation Objective for Construction Workers, most stringent of the *Ingestion or Inhalation* exposure route.

ND - Constituent not detected above the reporting limit.

J - Estimated concentration.

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

Table 4-2 (Continued)
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results - Organics
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-33	ROW-34	ROW-35	ROW-36	ROW-37	Soil Reference Concentrations ^A	Soil Remediation Objectives for Construction Workers ^B
Sample Date	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021		
Field Sample ID	ROW-33(0-2)-052621	ROW-34(0-2)-052721	ROW-35(0-2)-052621	ROW-36(0-2)-052721	ROW-37(0-2)-052621		
ISGS Site Number	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1		
Parameters							
VOCs (mg/kg)							
Acetone	ND	ND	ND	ND	ND	25	100000
Benzene	ND	ND	ND	ND	ND	0.03	2.2
Carbon disulfide	ND	ND	ND	ND	ND	9	9
Methyl ethyl ketone	ND	ND	ND	ND	ND	---	---
Methylene chloride	ND	ND	ND	ND	ND	0.02	34
Toluene	ND	ND	ND	ND	ND	12	42
Xylene (Total)	ND	ND	ND	ND	ND	5.6	5.6
SVOCs (mg/kg)							
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	26	200000
2-Methylnaphthalene	0.015 J	0.022 J	ND	0.012 J	0.0073 J	---	---
3 & 4 Methylphenol	ND	ND	ND	ND	ND	---	---
Acenaphthene	0.044	ND	0.017 J	0.0098 J	0.015 J	570	120000
Acenaphthylene	0.057	ND	0.013 J	0.013 J	0.024 J	---	---
Anthracene	0.13	0.02 J	0.059	0.047	0.066	12000	610000
Benzo(a)anthracene	0.44 J	0.1	0.096	0.26 J	0.25 J	0.9 / 1.1 / 1.8	170
Benzo(a)pyrene	0.45 J	0.13 J	0.12	0.29 J	0.36 J	0.09 / 1.3 / 2.1	17
Benzo(b)fluoranthene	0.69 J	0.2 J	0.16	0.49 J	0.58 J	0.9 / 1.5 / 2.1	170
Benzo(g,h,i)perylene	0.13 J	0.068 J	0.066	0.14 J	0.13 J	---	---
Benzo(k)fluoranthene	0.27 J	0.096 J	0.051	0.23 J	0.22 J	9	1700
bis(2-Ethylhexyl)phthalate	0.8 J	ND	ND	0.17 J	0.13 J	46	4100
Butyl benzyl phthalate	ND	ND	ND	ND	ND	930	930
Carbazole	0.19	ND	0.16 J	ND	0.16 J	0.6	6200
Chrysene	0.46 J	0.13	0.11	0.33 J	0.29 J	88	17000
Dibenzo(a,h)anthracene	0.048 J	ND	0.017 J	0.036 J	0.04 J	0.09 / 0.2 / 0.42	17
Dibenzofuran	ND	ND	ND	ND	ND	---	---
Dimethyl phthalate	ND	ND	ND	ND	ND	---	---
Di-N-Butyl phthalate	ND	ND	ND	ND	ND	2300	2300
Di-N-Octyl phthalate	ND	ND	ND	ND	0.16 J	1600	4100
Fluoranthene	0.71	0.2	0.21	0.35	0.37	3100	82000
Fluorene	0.068	ND	0.044	0.011 J	0.04	560	82000
Indeno(1,2,3-cd)pyrene	0.14 J	0.056 J	0.046	0.11 J	0.12 J	0.9 / 0.9 / 1.6	170
Naphthalene	0.015 J	0.016 J	0.0059 J	0.025 J	0.0064 J	1.8	1.8
Phenanthrene	0.55	0.1	0.18	0.22	0.21	---	---
Phenol	ND	ND	ND	ND	ND	100	61000
Pyrene	1.9 J	0.21	0.2	0.71 J	0.95 J	2300	61000

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.

^B - Soil Remediation Objective for Construction Workers, most stringent of the *Ingestion or Inhalation* exposure route.

ND - Constituent not detected above the reporting limit.

J - Estimated concentration.

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

Table 4-2 (Continued)
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results - Organics
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-38	ROW-38	ROW-39	ROW-39	ROW-40	Soil Reference Concentrations ^A	Soil Remediation Objectives for Construction Workers ^B
Sample Date	5/27/2021	5/27/2021	5/26/2021	5/26/2021	5/27/2021		
Field Sample ID	ROW-38(0-2)-052721	ROW-38(0-2)-052721D	ROW-39(0-2)-052621	ROW-39(0-2)-052621D	ROW-40(0-2)-052721		
ISGS Site Number	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1		
Parameters							
VOCs (mg/kg)							
Acetone	ND	ND	ND	ND	ND	25	100000
Benzene	ND	ND	ND	ND	ND	0.03	2.2
Carbon disulfide	ND	ND	ND	ND	ND	9	9
Methyl ethyl ketone	ND	ND	ND	ND	ND	---	---
Methylene chloride	ND	ND	ND	ND	ND	0.02	34
Toluene	ND	ND	ND	ND	ND	12	42
Xylene (Total)	ND	ND	ND	ND	ND	5.6	5.6
SVOCs (mg/kg)							
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	26	200000
2-Methylnaphthalene	ND	ND	0.0098 J	ND	0.008 J	---	---
3 & 4 Methylphenol	ND	ND	ND	ND	ND	---	---
Acenaphthene	ND	ND	0.028 J	ND	ND	570	120000
Acenaphthylene	ND	ND	0.011 J	ND	0.0096 J	---	---
Anthracene	ND	0.0066 J	0.07	0.036 J	0.017 J	12000	610000
Benzo(a)anthracene	0.016 J	0.026 J	0.29 J	0.03 J	0.081 J	0.9 / 1.1 / 1.8	170
Benzo(a)pyrene	0.021 J	0.034 J	0.31 J	0.044 J	0.12 J	0.09 / 1.3 / 2.1	17
Benzo(b)fluoranthene	0.035 J	0.057	0.51 J	0.085 J	0.2 J	0.9 / 1.5 / 2.1	170
Benzo(g,h,i)perylene	0.018 J	0.024 J	0.11 J	0.043 J	0.071 J	---	---
Benzo(k)fluoranthene	0.012 J	0.021 J	0.16 J	0.029 J	0.093 J	9	1700
bis(2-Ethylhexyl)phthalate	ND	ND	0.28	ND	ND	46	4100
Butyl benzyl phthalate	ND	ND	ND	ND	ND	930	930
Carbazole	ND	ND	ND	0.15 J	ND	0.6	6200
Chrysene	0.025 J	0.038 J	0.3 J	0.038 J	0.12 J	88	17000
Dibenzo(a,h)anthracene	ND	ND	0.029 J	ND	0.0086 J	0.09 / 0.2 / 0.42	17
Dibenzofuran	ND	ND	ND	ND	ND	---	---
Dimethyl phthalate	ND	ND	ND	ND	ND	---	---
Di-N-Butyl phthalate	ND	ND	ND	ND	ND	2300	2300
Di-N-Octyl phthalate	ND	ND	ND	ND	ND	1600	4100
Fluoranthene	0.028 J	0.055	0.66 J	0.082 J	0.12	3100	82000
Fluorene	ND	ND	0.025 J	0.031 J	ND	560	82000
Indeno(1,2,3-cd)pyrene	0.016 J	0.02 J	0.087 J	0.016 J	0.044 J	0.9 / 0.9 / 1.6	170
Naphthalene	ND	ND	0.042	ND	0.0093 J	1.8	1.8
Phenanthrene	0.012 J	0.028 J	0.33 J	0.051 J	0.064	---	---
Phenol	ND	ND	ND	0.12 J	ND	100	61000
Pyrene	0.029 J	0.055	0.73 J	0.072 J	0.23 J	2300	61000

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.

^B - Soil Remediation Objective for Construction Workers, most stringent of the *Ingestion or Inhalation* exposure route.

ND - Constituent not detected above the reporting limit.

J - Estimated concentration.

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

Table 4-2 (Continued)
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results - Organics
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-41	ROW-42	ROW-43	ROW-44	ROW-45	Soil Reference Concentrations ^A	Soil Remediation Objectives for Construction Workers ^B
Sample Date	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021		
Field Sample ID	ROW-41(0-2)-052621	ROW-42(0-2)-052721	ROW-43(0-2)-052621	ROW-44(0-2)-052721	ROW-45(0-2)-052621		
ISGS Site Number	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1		
Parameters							
VOCs (mg/kg)							
Acetone	ND	ND	ND	ND	ND	25	100000
Benzene	ND	ND	ND	ND	ND	0.03	2.2
Carbon disulfide	ND	ND	ND	ND	ND	9	9
Methyl ethyl ketone	ND	ND	ND	ND	ND	---	---
Methylene chloride	ND	ND	ND	ND	ND	0.02	34
Toluene	ND	ND	ND	ND	ND	12	42
Xylene (Total)	ND	ND	ND	ND	ND	5.6	5.6
SVOCs (mg/kg)							
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	26	200000
2-Methylnaphthalene	ND	0.0071 J	ND	0.027 J	ND	---	---
3 & 4 Methylphenol	ND	ND	ND	ND	ND	---	---
Acenaphthene	ND	0.0088 J	0.014 J	0.034 J	ND	570	120000
Acenaphthylene	0.0051 J	0.0086 J	ND	0.056	0.0069 J	---	---
Anthracene	0.039	0.034 J	0.057	0.14	0.042	12000	610000
Benzo(a)anthracene	0.054	0.16	0.13	0.51 J	0.088	0.9 / 1.1 / 1.8	170
Benzo(a)pyrene	0.087 J	0.18 J	0.15	0.53 J	0.14 J	0.09 / 1.3 / 2.1	17
Benzo(b)fluoranthene	0.14 J	0.27 J	0.25	0.92 J	0.25 J	0.9 / 1.5 / 2.1	170
Benzo(g,h,i)perylene	0.052 J	0.072 J	0.056 J	0.2 J	0.064 J	---	---
Benzo(k)fluoranthene	0.046 J	0.16 J	0.087	0.34 J	0.089 J	9	1700
bis(2-Ethylhexyl)phthalate	ND	ND	ND	0.096 J	ND	46	4100
Butyl benzyl phthalate	ND	ND	ND	ND	ND	930	930
Carbazole	0.15 J	ND	0.16 J	ND	0.15 J	0.6	6200
Chrysene	0.065	0.19	0.13	0.58 J	0.099	88	17000
Dibenzo(a,h)anthracene	ND	0.017 J	0.014 J	0.061 J	0.016 J	0.09 / 0.2 / 0.42	17
Dibenzofuran	ND	ND	ND	ND	ND	---	---
Dimethyl phthalate	ND	ND	ND	ND	ND	---	---
Di-N-Butyl phthalate	ND	ND	ND	ND	ND	2300	2300
Di-N-Octyl phthalate	ND	ND	ND	ND	ND	1600	4100
Fluoranthene	0.11	0.26	0.26	0.92	0.17	3100	82000
Fluorene	0.033 J	0.0095 J	0.042	0.044	0.033 J	560	82000
Indeno(1,2,3-cd)pyrene	0.028 J	0.06 J	0.036 J	0.2 J	0.047 J	0.9 / 0.9 / 1.6	170
Naphthalene	0.0058 J	0.015 J	ND	0.023 J	ND	1.8	1.8
Phenanthrene	0.074	0.15	0.15	0.71	0.073	---	---
Phenol	0.12 J	ND	ND	ND	ND	100	61000
Pyrene	0.12	0.42	0.25	1.6 J	0.16	2300	61000

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.

^B - Soil Remediation Objective for Construction Workers, most stringent of the *Ingestion or Inhalation* exposure route.

ND - Constituent not detected above the reporting limit.

J - Estimated concentration.

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

Table 4-2 (Continued)
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results - Organics
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-46	ROW-47	ROW-48	ROW-49	ROW-50	Soil Reference Concentrations ^A	Soil Remediation Objectives for Construction Workers ^B
Sample Date	5/27/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021		
Field Sample ID	ROW-46(0-2)-052721	ROW-47(0-2)-052621	ROW-48(0-2)-052721	ROW-49(0-2)-052621	ROW-50(0-2)-052721		
ISGS Site Number	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1		
Parameters							
VOCs (mg/kg)							
Acetone	ND	ND	ND	ND	ND	25	100000
Benzene	ND	ND	ND	ND	ND	0.03	2.2
Carbon disulfide	ND	ND	ND	ND	ND	9	9
Methyl ethyl ketone	ND	ND	ND	ND	ND	---	---
Methylene chloride	ND	ND	ND	ND	ND	0.02	34
Toluene	ND	ND	ND	ND	ND	12	42
Xylene (Total)	ND	ND	ND	ND	ND	5.6	5.6
SVOCs (mg/kg)							
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	26	200000
2-Methylnaphthalene	ND	0.011 J	0.0098 J	ND	0.046 J	---	---
3 & 4 Methylphenol	ND	ND	ND	ND	ND	---	---
Acenaphthene	ND	0.0077 J	ND	0.0071 J	0.11	570	120000
Acenaphthylene	ND	0.007 J	0.013 J	0.034 J	0.062	---	---
Anthracene	0.019 J	0.053	0.024 J	0.059	0.34	12000	610000
Benzo(a)anthracene	0.085	0.17 J	0.096	0.15	0.86 J	0.9 / 1.1 / 1.8	170
Benzo(a)pyrene	0.095 J	0.23 J	0.12 J	0.23 J	0.82 J	0.09 / 1.3 / 2.1	17
Benzo(b)fluoranthene	0.16 J	0.36 J	0.22 J	0.4 J	1.2 J	0.9 / 1.5 / 2.1	170
Benzo(g,h,i)perylene	0.046 J	0.1 J	0.057 J	0.096 J	0.47 J	---	---
Benzo(k)fluoranthene	0.061 J	0.14 J	0.064 J	0.16 J	0.46 J	9	1700
bis(2-Ethylhexyl)phthalate	ND	0.078 J	ND	ND	0.18 J	46	4100
Butyl benzyl phthalate	ND	0.081 J	0.76	ND	2	930	930
Carbazole	ND	0.16 J	ND	0.16 J	0.14 J	0.6	6200
Chrysene	0.1	0.2 J	0.12	0.19	0.93 J	88	17000
Dibenzo(a,h)anthracene	0.0078 J	0.031 J	ND	0.026 J	0.1 J	0.09 / 0.2 / 0.42	17
Dibenzofuran	ND	ND	ND	ND	0.092 J	---	---
Dimethyl phthalate	ND	ND	0.067 J	ND	ND	---	---
Di-N-Butyl phthalate	ND	ND	ND	ND	0.78	2300	2300
Di-N-Octyl phthalate	ND	ND	ND	ND	ND	1600	4100
Fluoranthene	0.15	0.29	0.17	0.28	1.3	3100	82000
Fluorene	ND	0.037 J	0.0066 J	0.037 J	0.19	560	82000
Indeno(1,2,3-cd)pyrene	0.04 J	0.086 J	0.048 J	0.08 J	0.46 J	0.9 / 0.9 / 1.6	170
Naphthalene	0.006 J	0.0073 J	0.033 J	ND	0.057	1.8	1.8
Phenanthrene	0.097	0.17	0.1	0.14	1.9	---	---
Phenol	ND	ND	ND	ND	ND	100	61000
Pyrene	0.24	0.63 J	0.26	0.45	1.8	2300	61000

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.

^B - Soil Remediation Objective for Construction Workers, most stringent of the *Ingestion or Inhalation* exposure route.

ND - Constituent not detected above the reporting limit.

J - Estimated concentration.

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

Table 4-2 (Continued)
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results - Organics
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-51	ROW-52	ROW-53	ROW-54	ROW-55	Soil Reference Concentrations ^A	Soil Remediation Objectives for Construction Workers ^B
Sample Date	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021		
Field Sample ID	ROW-51(0-2)-052621	ROW-52(0-2)-052721	ROW-53(0-2)-052621	ROW-54(0-2)-052721	ROW-55(0-2)-052621		
ISGS Site Number	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1		
Parameters							
VOCs (mg/kg)							
Acetone	ND	ND	ND	ND	ND	25	100000
Benzene	ND	ND	ND	ND	ND	0.03	2.2
Carbon disulfide	ND	ND	ND	ND	ND	9	9
Methyl ethyl ketone	ND	ND	ND	ND	ND	---	---
Methylene chloride	ND	ND	ND	ND	ND	0.02	34
Toluene	ND	ND	ND	ND	ND	12	42
Xylene (Total)	ND	ND	ND	ND	ND	5.6	5.6
SVOCs (mg/kg)							
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	26	200000
2-Methylnaphthalene	ND	0.022 J	0.52	0.044 J	ND	---	---
3 & 4 Methylphenol	ND	ND	ND	ND	ND	---	---
Acenaphthene	ND	0.071	0.55	0.085	0.014 J	570	120000
Acenaphthylene	0.0048 J	0.031 J	5.9	0.038	0.01 J	---	---
Anthracene	0.042	0.15	4.4	0.34	0.096	12000	610000
Benzo(a)anthracene	0.09 J	0.69 J	13	1.5 J	0.42 J	0.9 / 1.1 / 1.8	170
Benzo(a)pyrene	0.14	0.77 J	15	1.5 J	0.53 J	0.09 / 1.3 / 2.1	17
Benzo(b)fluoranthene	0.26 J	1.3 J	20	1.6 J	0.79 J	0.9 / 1.5 / 2.1	170
Benzo(g,h,i)perylene	0.081 J	0.52 J	6.4	0.8 J	0.18 J	---	---
Benzo(k)fluoranthene	0.086 J	0.53 J	7.3	1.5 J	0.33 J	9	1700
bis(2-Ethylhexyl)phthalate	0.12 J	0.19 J	ND	1.2	ND	46	4100
Butyl benzyl phthalate	ND	0.089 J	ND	0.13 J	ND	930	930
Carbazole	0.14 J	0.2	1.8	0.14 J	0.17 J	0.6	6200
Chrysene	0.12 J	0.9 J	14	1.5 J	0.45 J	88	17000
Dibenzo(a,h)anthracene	0.021 J	0.13 J	2	0.17 J	0.059 J	0.09 / 0.2 / 0.42	17
Dibenzofuran	ND	0.053 J	ND	0.056 J	ND	---	---
Dimethyl phthalate	ND	ND	ND	ND	ND	---	---
Di-N-Butyl phthalate	ND	ND	0.28 J	ND	ND	2300	2300
Di-N-Octyl phthalate	ND	ND	ND	ND	ND	1600	4100
Fluoranthene	0.15	1.2	32	1.7	0.58	3100	82000
Fluorene	0.032 J	0.07	2.1	0.082	0.038	560	82000
Indeno(1,2,3-cd)pyrene	0.059 J	0.43 J	7.1	0.83 J	0.19 J	0.9 / 0.9 / 1.6	170
Naphthalene	ND	0.046	2.1	0.1	ND	1.8	1.8
Phenanthrene	0.09	1.3	17	1.3	0.34	---	---
Phenol	ND	ND	0.62 J	ND	ND	100	61000
Pyrene	0.28 J	1.4	31	2.5	1.4 J	2300	61000

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.

^B - Soil Remediation Objective for Construction Workers, most stringent of the *Ingestion or Inhalation* exposure route.

ND - Constituent not detected above the reporting limit.

J - Estimated concentration.

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

Table 4-2 (Continued)
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results - Organics
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-56	ROW-57	ROW-58	ROW-58	Soil Reference Concentrations ^A	Soil Remediation Objectives for Construction Workers ^B
Sample Date	5/27/2021	5/26/2021	5/27/2021	5/27/2021		
Field Sample ID	ROW-56(0-2)-052721	ROW-57(0-2)-052621	ROW-58(0-2)-052721	ROW-58(0-2)-052721D		
ISGS Site Number	2233V2-1	2233V2-1	2233V2-1	2233V2-1		
Parameters						
VOCs (mg/kg)						
Acetone	ND	ND	ND	ND	25	100000
Benzene	ND	ND	ND	ND	0.03	2.2
Carbon disulfide	ND	ND	ND	ND	9	9
Methyl ethyl ketone	ND	ND	ND	ND	---	---
Methylene chloride	ND	ND	ND	ND	0.02	34
Toluene	ND	ND	ND	ND	12	42
Xylene (Total)	ND	ND	ND	ND	5.6	5.6
SVOCs (mg/kg)						
2,4,5-Trichlorophenol	ND	ND	ND	ND	26	200000
2-Methylnaphthalene	0.039 J	ND	0.03 J	0.026 J	---	---
3 & 4 Methylphenol	ND	ND	ND	ND	---	---
Acenaphthene	0.074	ND	0.0093 J	0.013 J	570	120000
Acenaphthylene	0.019 J	0.0068 J	0.052	0.047	---	---
Anthracene	0.2	0.013 J	0.073	0.081	12000	610000
Benzo(a)anthracene	0.55 J	0.052 J	0.18	0.23	0.9 / 1.1 / 1.8	170
Benzo(a)pyrene	0.61 J	0.053 J	0.2 J	0.25	0.09 / 1.3 / 2.1	17
Benzo(b)fluoranthene	1 J	0.062 J	0.32 J	0.38	0.9 / 1.5 / 2.1	170
Benzo(g,h,i)perylene	0.39 J	ND	0.074 J	0.1	---	---
Benzo(k)fluoranthene	0.38 J	0.035 J	0.12 J	0.13	9	1700
bis(2-Ethylhexyl)phthalate	0.46 J	ND	ND	ND	46	4100
Butyl benzyl phthalate	1.3 *3	ND	ND	ND	930	930
Carbazole	0.15 J	ND	ND	ND	0.6	6200
Chrysene	0.66 J	0.071 J	0.2	0.26	88	17000
Dibenzo(a,h)anthracene	0.089 J	ND	0.019 J	0.026 J	0.09 / 0.2 / 0.42	17
Dibenzofuran	0.063 J	ND	0.056 J	0.05 J	---	---
Dimethyl phthalate	ND	ND	ND	ND	---	---
Di-N-Butyl phthalate	ND	ND	ND	ND	2300	2300
Di-N-Octyl phthalate	ND	ND	ND	ND	1600	4100
Fluoranthene	0.75	0.078	0.37	0.47	3100	82000
Fluorene	0.087	ND	0.022 J	0.026 J	560	82000
Indeno(1,2,3-cd)pyrene	0.4 J	0.029 J	0.075 J	0.099	0.9 / 0.9 / 1.6	170
Naphthalene	0.072	0.0062 J	0.21	0.17	1.8	1.8
Phenanthrene	0.86	0.061	0.29	0.34	---	---
Phenol	ND	ND	ND	ND	100	61000
Pyrene	1.9 J	0.23 J	0.42 J	0.44	2300	61000

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.

^B - Soil Remediation Objective for Construction Workers, most stringent of the *Ingestion or Inhalation* exposure route.

ND - Constituent not detected above the reporting limit.

J - Estimated concentration.

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

Table 4-3
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results - Inorganics
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-1	ROW-2	ROW-2	ROW-3	ROW-4	Soil Reference Concentrations ^A	Soil Remediation Objectives for Construction Workers ^B
Sample Date	5/26/2021	5/27/2021	5/27/2021	5/26/2021	5/27/2021		
Field Sample ID	ROW-1(0-2)-052621	ROW-2(0-2)-052721	ROW-2(0-2)-052721D	ROW-3(0-2)-052621	ROW-4(0-2)-052721		
ISGS Site Number	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1		
Parameters							
Laboratory pH	8.5	8.8	8.6	9.2	8.8	<6.25,>9.0	---
Total Metals (mg/kg)							
Antimony, Total	0.56 J	0.67 J	0.47 J	0.77 J	0.49 J	5	82
Arsenic, Total	5.5	5.6	5.5	4.8	2.6	11.3 / 13	61
Barium, Total	59 J	64	63	59	28	1500	14000
Beryllium, Total	0.62	0.66	0.61	0.49	0.41	22	410
Cadmium, Total	0.57 B	0.39 B	0.37 J	0.29 J	0.25 J	5.2	200
Calcium, Total	75000 J	69000 B	71000 B	100000 B	150000 B	---	---
Chromium, Total	18	16	14	21	8.9	21	690
Cobalt, Total	7.3	8.1	7.7	7.2	3.5	20	12000
Copper, Total	26 J	17	15	22	11	2900	8200
Iron, Total	19000 J	14000	13000	17000 B	9100	15000 / 15900	---
Lead, Total	99	78	93	27	33	107	700
Magnesium, Total	43000 J	31000	34000	57000 B	91000	325000	730000
Manganese, Total	400 B	460	390	570 B	350	630 / 636	4100
Mercury, Total	0.054	0.029	0.026	0.018	0.024	0.89	0.1
Nickel, Total	19	18	16	18	8.8	100	4100
Potassium, Total	1400 J	1200	1300	1500	1000	---	---
Selenium, Total	ND	ND	ND	0.31 J	ND	1.3	1000
Silver, Total	0.29 J	0.37	0.38	0.29	0.19 J	4.4	1000
Sodium, Total	1200	1800	1500	1100	520	---	---
Thallium, Total	ND	ND	ND	ND	ND	2.6	160
Vanadium, Total	20	22	21	19	11	550	1400
Zinc, Total	130	92	84	74	46	5100	61000
TCLP Metals (mg/l)							
Arsenic, TCLP	ND	ND	ND	ND	ND	0.05	---
Barium, TCLP	0.44 J	0.59	0.59	0.48 J	0.42 J	2.0	---
Beryllium, TCLP	ND	ND	ND	ND	ND	0.004	---
Cadmium, TCLP	0.0026 J	ND	ND	ND	ND	0.005	---
Chromium, TCLP	ND	ND	ND	ND	ND	0.1	---
Cobalt, TCLP	ND	ND	ND	ND	ND	1.00	---
Copper, TCLP	ND	ND	ND	ND	ND	0.65	---
Iron, TCLP	ND	ND	ND	ND	ND	5.0	---
Lead, TCLP	0.0098	ND	ND	ND	0.0084	0.0075	---
Manganese, TCLP	0.97	1.3	1.2	0.76	1.3	0.15	---
Mercury, TCLP	ND	ND	ND	ND	ND	0.002	---
Nickel, TCLP	ND	ND	ND	ND	ND	0.1	---
Selenium, TCLP	ND	ND	ND	ND	ND	0.05	---
Silver, TCLP	ND	ND	ND	ND	ND	0.05	---
Zinc, TCLP	0.099 J	0.04 J	0.033 J	0.044 J	0.072 J	5.0	---
SPLP Metals (mg/l)							
Arsenic, SPLP	0.044 J	0.073	0.062	0.063	0.05	0.05	---
Barium, SPLP	0.36 J	0.97	0.84 J	0.45 J	0.44 J	2.0	---
Beryllium, SPLP	0.0055	0.0095	0.0083	0.0069	0.0063	0.004	---
Cadmium, SPLP	ND	ND	ND	ND	ND	0.005	---
Chromium, SPLP	0.11	0.21	0.18	0.14	0.13	0.1	---
Cobalt, SPLP	0.028	0.055	0.048	0.043	0.033	1.0	---
Copper, SPLP	0.12	0.19	0.17	0.18	0.13	0.65	---
Iron, SPLP	110	210	180	140	130	5.0	---
Lead, SPLP	0.21	0.28	0.27 J	0.2	0.25	0.0075	---
Manganese, SPLP	0.54	1.1	0.96 J	0.76	0.62	0.15	---
Mercury, SPLP	ND	ND	ND	ND	ND	0.002	---
Nickel, SPLP	0.11	0.2	0.17	0.14	0.12	0.1	---
Selenium, SPLP	ND	ND	ND	ND	ND	0.05	---
Silver, SPLP	ND	ND	ND	ND	ND	0.05	---
Zinc, SPLP	0.51	0.79	0.69 J	0.62	0.48 J	5.0	---

Notes:

--- - not applicable or value not available.

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

^B - Soil Remediation Objective for Construction Workers, most stringent of the *Ingestion or Inhalation* exposure route.

ND - Constituent not detected above the reporting limit.

J - Estimated concentration.

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

Table 4-3 (Continued)
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results - Inorganics
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-5	ROW-6	ROW-7	ROW-8	ROW-9	Soil Reference Concentrations ^A	Soil Remediation Objectives for Construction Workers ^B
Sample Date	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021		
Field Sample ID	ROW-5(0-2)-052621	ROW-6(0-2)-052721	ROW-7(0-2)-052621	ROW-8(0-2)-052721	ROW-9(0-2)-052621		
ISGS Site Number	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1		
Parameters							
Laboratory pH	8.5	8.6	8.6	8.6	8.7	<6.25,>9.0	---
Total Metals (mg/kg)							
Antimony, Total	0.85 J	0.6 J	0.93 J	0.76 J	0.72 J	5	82
Arsenic, Total	8.4	5.4	8	7.3	7.1	11.3 / 13	61
Barium, Total	63	71	81	83	49	1500	14000
Beryllium, Total	0.83	0.59	0.76	0.75	0.74	22	410
Cadmium, Total	0.14 J	0.56 B	0.42 B	0.26 J	0.33 J	5.2	200
Calcium, Total	20000 B	95000 B	62000 B	32000 B	69000 B	---	---
Chromium, Total	19	15	23	18	19	21	690
Cobalt, Total	10	9.2	13	12	11	20	12000
Copper, Total	18	17	25	23	21	2900	8200
Iron, Total	19000 B	18000	20000 B	16000	17000 B	15000 / 15900	---
Lead, Total	16	170	33	55	25	107	700
Magnesium, Total	13000 B	57000	25000 B	21000	30000 B	325000	730000
Manganese, Total	310 B	400	460 B	480	390 B	630 / 636	4100
Mercury, Total	0.02	0.035	0.027	0.027	0.018 J	0.89	0.1
Nickel, Total	24	19	29	20	27	100	4100
Potassium, Total	2100	1500	2100	1300	2700	---	---
Selenium, Total	0.57 J	ND	ND	0.39 J	0.43 J	1.3	1000
Silver, Total	0.45	0.34	0.45	0.42	0.41	4.4	1000
Sodium, Total	3000	1800	2100	2200	1900	---	---
Thallium, Total	ND	ND	ND	ND	ND	2.6	160
Vanadium, Total	33	19	26	28	23	550	1400
Zinc, Total	58	80	100	67	83	5100	61000
TCLP Metals (mg/l)							
Arsenic, TCLP	ND	ND	ND	ND	ND	0.05	---
Barium, TCLP	0.44 J	0.63	0.46 J	0.56	0.39 J	2.0	---
Beryllium, TCLP	ND	ND	ND	ND	ND	0.004	---
Cadmium, TCLP	ND	0.0026 J	ND	ND	ND	0.005	---
Chromium, TCLP	ND	ND	ND	ND	ND	0.1	---
Cobalt, TCLP	ND	ND	ND	ND	ND	1.00	---
Copper, TCLP	ND	0.016 J	ND	0.027	ND	0.65	---
Iron, TCLP	ND	ND	ND	ND	ND	5.0	---
Lead, TCLP	ND	0.014	ND	0.016	ND	0.0075	---
Manganese, TCLP	0.68	0.57	0.29	0.94	0.74	0.15	---
Mercury, TCLP	ND	ND	ND	ND	ND	0.002	---
Nickel, TCLP	ND	ND	ND	ND	ND	0.1	---
Selenium, TCLP	ND	ND	ND	ND	ND	0.05	---
Silver, TCLP	ND	ND	ND	ND	ND	0.05	---
Zinc, TCLP	ND	0.084 J	0.038 J	0.11 J	0.041 J	5.0	---
SPLP Metals (mg/l)							
Arsenic, SPLP	0.11	0.091	0.06	0.036 J	0.1	0.05	---
Barium, SPLP	0.61	0.83	0.49 J	0.54	0.51	2.0	---
Beryllium, SPLP	0.0099	0.011	0.0068	0.005	0.0095	0.004	---
Cadmium, SPLP	ND	0.0031 J	ND	ND	ND	0.005	---
Chromium, SPLP	0.2	0.23	0.15	0.12	0.19	0.1	---
Cobalt, SPLP	0.066	0.062	0.047	0.027	0.061	1.0	---
Copper, SPLP	0.24	0.23	0.18	0.12	0.24	0.65	---
Iron, SPLP	220	240	140	100	200	5.0	---
Lead, SPLP	0.15	0.66	0.23	0.23	0.17	0.0075	---
Manganese, SPLP	0.83	1.1	0.68	0.78	0.83	0.15	---
Mercury, SPLP	ND	ND	ND	ND	ND	0.002	---
Nickel, SPLP	0.24	0.22	0.15	0.1	0.22	0.1	---
Selenium, SPLP	ND	ND	ND	ND	ND	0.05	---
Silver, SPLP	ND	ND	ND	ND	ND	0.05	---
Zinc, SPLP	0.62	0.97	0.64	0.47 J	0.68	5.0	---

Notes:

--- - not applicable or value not available.

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

^B - Soil Remediation Objective for Construction Workers, most stringent of the *Ingestion or Inhalation* exposure route.

ND - Constituent not detected above the reporting limit.

J - Estimated concentration.

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

Table 4-3 (Continued)
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results - Inorganics
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-10	ROW-11	ROW-12	ROW-13	ROW-14	Soil Reference Concentrations ^A	Soil Remediation Objectives for Construction Workers ^B
Sample Date	5/27/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021		
Field Sample ID	ROW-10(0-2)-052721	ROW-11(0-2)-052621	ROW-12(0-2)-052721	ROW-13(0-2)-052621	ROW-14(0-2)-052721		
ISGS Site Number	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1		
Parameters							
Laboratory pH	8.5	8.9	8.6	8.7	8.8	<6.25,>9.0	---
Total Metals (mg/kg)							
Antimony, Total	0.51 J	0.47 J	0.47 J	1.2	0.5 J	5	82
Arsenic, Total	6.4	4.7	2.9	5.9	2.1	11.3 / 13	61
Barium, Total	40	31	65	130	29	1500	14000
Beryllium, Total	0.63	0.48	0.4	0.61	0.31	22	410
Cadmium, Total	0.28 J	0.34 J	0.42 B	0.42 B	0.25 J	5.2	200
Calcium, Total	83000 B	120000 B	140000 B	86000 B	130000 B	---	---
Chromium, Total	17	12	21	51	22	21	690
Cobalt, Total	11	6.5	4.7	8.2	4	20	12000
Copper, Total	25	15	21	34	18	2900	8200
Iron, Total	23000	13000 B	12000	19000 B	12000	15000 / 15900	---
Lead, Total	75	51	31	42	32	107	700
Magnesium, Total	45000	70000 B	77000	33000 B	71000	325000	730000
Manganese, Total	400	270 B	460	640 B	570	630 / 636	4100
Mercury, Total	0.021	0.019	0.016 J	0.022	0.016 J	0.89	0.1
Nickel, Total	26	17	13	21	12	100	4100
Potassium, Total	2000	1800	860	1500	710	---	---
Selenium, Total	ND	ND	ND	0.36 J	ND	1.3	1000
Silver, Total	0.42	0.26	0.22 J	0.35	0.25 J	4.4	1000
Sodium, Total	1400	1100	840	1600	550	---	---
Thallium, Total	ND	0.31 J	ND	ND	ND	2.6	160
Vanadium, Total	20	15	19	22	28	550	1400
Zinc, Total	82	59	120	170	55	5100	61000
TCLP Metals (mg/l)							
Arsenic, TCLP	ND	ND	ND	ND	ND	0.05	---
Barium, TCLP	0.56	0.36 J	0.66	0.62	0.38 J	2.0	---
Beryllium, TCLP	ND	ND	ND	ND	ND	0.004	---
Cadmium, TCLP	0.0025 J	ND	0.002 J	0.0021 J	ND	0.005	---
Chromium, TCLP	ND	ND	ND	ND	ND	0.1	---
Cobalt, TCLP	0.021 J	ND	ND	ND	ND	1.00	---
Copper, TCLP	0.083	ND	0.046	ND	0.015 J	0.65	---
Iron, TCLP	ND	ND	ND	ND	ND	5.0	---
Lead, TCLP	0.0098	ND	ND	ND	ND	0.0075	---
Manganese, TCLP	3.1	0.38	1.1	0.61	5.5	0.15	---
Mercury, TCLP	ND	ND	ND	ND	ND	0.002	---
Nickel, TCLP	0.034 J	ND	ND	ND	ND	0.1	---
Selenium, TCLP	ND	ND	ND	ND	ND	0.05	---
Silver, TCLP	ND	ND	ND	ND	ND	0.05	---
Zinc, TCLP	0.15 J	0.023 J	0.28 J	0.072 J	0.098 J	5.0	---
SPLP Metals (mg/l)							
Arsenic, SPLP	0.092	0.095	ND	0.076	0.011 J	0.05	---
Barium, SPLP	0.59	0.39 J	0.18 J	0.66	0.23 J	2.0	---
Beryllium, SPLP	0.0094	0.0083	ND	0.0084	ND	0.004	---
Cadmium, SPLP	ND	ND	ND	ND	ND	0.005	---
Chromium, SPLP	0.18	0.17	0.04	0.18	0.059	0.1	---
Cobalt, SPLP	0.096	0.065	ND	0.052	ND	1.0	---
Copper, SPLP	0.24	0.21	0.045	0.18	0.044	0.65	---
Iron, SPLP	200	190	29	180	43	5.0	---
Lead, SPLP	0.3	0.23	0.062	0.2	0.052	0.0075	---
Manganese, SPLP	1.4	0.83	0.25	0.85	0.24	0.15	---
Mercury, SPLP	ND	ND	ND	ND	ND	0.002	---
Nickel, SPLP	0.25	0.2	0.03	0.18	0.038	0.1	---
Selenium, SPLP	ND	ND	ND	ND	ND	0.05	---
Silver, SPLP	ND	ND	ND	ND	ND	0.05	---
Zinc, SPLP	0.71	0.65	0.26 J	0.64	0.17 J	5.0	---

Notes:

--- - not applicable or value not available.

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

^B - Soil Remediation Objective for Construction Workers, most stringent of the *Ingestion or Inhalation* exposure route.

ND - Constituent not detected above the reporting limit.

J - Estimated concentration.

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

Table 4-3 (Continued)
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results - Inorganics
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-15	ROW-16	ROW-17	ROW-18	ROW-18	Soil Reference Concentrations ^A	Soil Remediation Objectives for Construction Workers ^B
Sample Date	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/27/2021		
Field Sample ID	ROW-15(0-2)-052621	ROW-16(0-2)-052721	ROW-17(0-2)-052621	ROW-18(0-2)-052721	ROW-18(0-2)-052721D		
ISGS Site Number	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1		
Parameters							
Laboratory pH	8.4	8.0	8.3	8.4	8.5	<6.25,>9.0	---
Total Metals (mg/kg)							
Antimony, Total	0.88 J	0.84 J	0.73 J	1.2	0.77 J	5	82
Arsenic, Total	7.8	6.5	5.3	5.3	5.7	11.3 / 13	61
Barium, Total	55	110	73	120	76	1500	14000
Beryllium, Total	0.72	0.85	0.48	0.62	0.61	22	410
Cadmium, Total	0.23 J	0.16 J	0.55 B	0.73 B	0.5 B	5.2	200
Calcium, Total	61000 B	9600 B	85000 B	82000 B	78000 B	---	---
Chromium, Total	15	19	29	45	28	21	690
Cobalt, Total	11	12	6.1	8.4	9.5	20	12000
Copper, Total	20	17	30	36	30	2900	8200
Iron, Total	17000 B	17000	17000 B	22000	22000	15000 / 15900	---
Lead, Total	29	38	92	87	88	107	700
Magnesium, Total	27000 B	6900	47000 B	45000	44000	325000	730000
Manganese, Total	400 B	530	530 B	580	460	630 / 636	4100
Mercury, Total	0.025	0.048	0.024	0.053	0.039	0.89	0.1
Nickel, Total	26	22	21	22	23	100	4100
Potassium, Total	2300	1300	1300	1400	1400	---	---
Selenium, Total	0.35 J	0.35 J	0.63	ND	ND	1.3	1000
Silver, Total	0.4	0.59	0.27	0.41	0.4	4.4	1000
Sodium, Total	1300	2500	1300	1200	1300	---	---
Thallium, Total	ND	ND	ND	ND	ND	2.6	160
Vanadium, Total	22	32	25	30	26	550	1400
Zinc, Total	60	63	170	190	150	5100	61000
TCLP Metals (mg/l)							
Arsenic, TCLP	ND	ND	ND	ND	ND	0.05	---
Barium, TCLP	0.52	0.71	0.46 J	0.66	0.7	2.0	---
Beryllium, TCLP	ND	ND	ND	ND	ND	0.004	---
Cadmium, TCLP	ND	ND	0.003 J	0.0027 J	0.0034 J	0.005	---
Chromium, TCLP	ND	ND	ND	ND	ND	0.1	---
Cobalt, TCLP	ND	ND	ND	ND	ND	1.00	---
Copper, TCLP	ND	0.021 J	ND	0.084	0.086	0.65	---
Iron, TCLP	ND	ND	ND	ND	ND	5.0	---
Lead, TCLP	ND	ND	0.0085	0.0099	0.01	0.0075	---
Manganese, TCLP	0.41	1.2	0.77	0.5	0.56	0.15	---
Mercury, TCLP	ND	ND	ND	ND	ND	0.002	---
Nickel, TCLP	ND	ND	ND	ND	ND	0.1	---
Selenium, TCLP	ND	ND	ND	ND	ND	0.05	---
Silver, TCLP	ND	ND	ND	ND	ND	0.05	---
Zinc, TCLP	ND	0.045 J	0.22 J	0.24 J	0.25 J	5.0	---
SPLP Metals (mg/l)							
Arsenic, SPLP	0.075	0.079	0.038 J	0.05	0.055	0.05	---
Barium, SPLP	0.57	1.1	0.4 J	0.56	0.63	2.0	---
Beryllium, SPLP	0.0083	0.011	0.0051	0.006	0.0068	0.004	---
Cadmium, SPLP	ND	ND	ND	ND	ND	0.005	---
Chromium, SPLP	0.17	0.24	0.12	0.14	0.14	0.1	---
Cobalt, SPLP	0.055	0.053	0.029	0.032	0.039	1.0	---
Copper, SPLP	0.18	0.21	0.13	0.14	0.16	0.65	---
Iron, SPLP	180	230	110	130	150	5.0	---
Lead, SPLP	0.17	0.17	0.31	0.31	0.3	0.0075	---
Manganese, SPLP	0.78	0.99	0.66	0.62	0.69	0.15	---
Mercury, SPLP	ND	ND	ND	ND	ND	0.002	---
Nickel, SPLP	0.18	0.21	0.099	0.13	0.14	0.1	---
Selenium, SPLP	ND	ND	ND	ND	ND	0.05	---
Silver, SPLP	ND	ND	ND	ND	ND	0.05	---
Zinc, SPLP	0.56	0.76	0.88	0.54	0.62	5.0	---

Notes:

--- - not applicable or value not available.

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

^B - Soil Remediation Objective for Construction Workers, most stringent of the *Ingestion or Inhalation* exposure route.

ND - Constituent not detected above the reporting limit.

J - Estimated concentration.

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

Table 4-3 (Continued)
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results - Inorganics
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-19	ROW-19	ROW-20	ROW-21	ROW-22	Soil Reference Concentrations ^A	Soil Remediation Objectives for Construction Workers ^B
Sample Date	5/26/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021		
Field Sample ID	ROW-19(0-2)-052621	ROW-19(0-2)-052621D	ROW-20(0-2)-052721	ROW-21(0-2)-052621	ROW-22(0-2)-052721		
ISGS Site Number	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1		
Parameters							
Laboratory pH	7.8	7.6	8.4	9.1	8.7	<6.25,>9.0	---
Total Metals (mg/kg)							
Antimony, Total	0.64 J	0.65 J	0.85 J	0.39 J	1.2 J	5	82
Arsenic, Total	5.1	6.5	6.8	1.7	3.7	11.3 / 13	61
Barium, Total	100	83	57	39	110 J	1500	14000
Beryllium, Total	0.68	0.8	0.79	0.28	0.47 J	22	410
Cadmium, Total	0.3 J	ND	0.24 J	0.26 J	0.57 B	5.2	200
Calcium, Total	8300 J	2600 J	28000 B	190000 B	120000 B	---	---
Chromium, Total	15	19	17	9.6	28 J	21	690
Cobalt, Total	7.5	8.7	11	2.4	6.5 J	20	12000
Copper, Total	14	13	19	14	26 J	2900	8200
Iron, Total	13000 B	17000 B	18000	13000 B	16000 J	15000 / 15900	---
Lead, Total	25 J	14 J	29	20	79	107	700
Magnesium, Total	5300 J	3100 J	17000	110000 B	69000 J	325000	730000
Manganese, Total	410 J	150 J	300	290 B	660	630 / 636	4100
Mercury, Total	0.036	0.03	0.028	0.011 J	0.028	0.89	0.1
Nickel, Total	16	21	25	7.6	17	100	4100
Potassium, Total	1300	1500	2000	700	840 J	---	---
Selenium, Total	0.64	0.67	ND	ND	ND	1.3	1000
Silver, Total	0.45	0.49	0.54	0.14 J	0.33	4.4	1000
Sodium, Total	1100	1000	1700	590	1000 J	---	---
Thallium, Total	ND	0.48 J	ND	ND	ND	2.6	160
Vanadium, Total	27	30	27	9.7	23 J	550	1400
Zinc, Total	61	48	61	52	390 J	5100	61000
TCLP Metals (mg/l)							
Arsenic, TCLP	ND	ND	ND	ND	ND	0.05	---
Barium, TCLP	0.53	0.52	0.56	0.43 J	0.53	2.0	---
Beryllium, TCLP	ND	ND	ND	ND	ND	0.004	---
Cadmium, TCLP	ND	ND	0.0021 J	ND	0.003 J	0.005	---
Chromium, TCLP	ND	ND	ND	ND	ND	0.1	---
Cobalt, TCLP	ND	ND	ND	ND	ND	1.00	---
Copper, TCLP	ND	ND	0.13	ND	0.027	0.65	---
Iron, TCLP	ND	ND	ND	ND	ND	5.0	---
Lead, TCLP	ND	ND	ND	ND	0.0075	0.0075	---
Manganese, TCLP	0.45	0.71	0.077	1.2	1.4	0.15	---
Mercury, TCLP	ND	ND	ND	ND	ND	0.002	---
Nickel, TCLP	ND	ND	ND	0.013 J	ND	0.1	---
Selenium, TCLP	ND	ND	ND	ND	ND	0.05	---
Silver, TCLP	ND	ND	ND	ND	ND	0.05	---
Zinc, TCLP	0.039 J	0.037 J	0.12 J	0.1 J	1	5.0	---
SPLP Metals (mg/l)							
Arsenic, SPLP	0.041 J	0.033 J	0.075	ND	0.021 J	0.05	---
Barium, SPLP	0.66	0.49 J	0.58	0.16 J	0.28 J	2.0	---
Beryllium, SPLP	0.0063	0.0048	0.0082	ND	ND	0.004	---
Cadmium, SPLP	ND	ND	0.0023 J	ND	ND	0.005	---
Chromium, SPLP	0.14	0.11	0.16	0.035	0.077	0.1	---
Cobalt, SPLP	0.031	0.024 J	0.057	ND	0.017 J	1.0	---
Copper, SPLP	0.1	0.083	0.18	0.039	0.075	0.65	---
Iron, SPLP	130	100	170	26	66	5.0	---
Lead, SPLP	0.1	0.077	0.2	0.062	0.16	0.0075	---
Manganese, SPLP	0.59	0.45	0.92	0.22	0.36	0.15	---
Mercury, SPLP	ND	ND	ND	ND	ND	0.002	---
Nickel, SPLP	0.12	0.089	0.17	0.024 J	0.066	0.1	---
Selenium, SPLP	ND	ND	ND	ND	ND	0.05	---
Silver, SPLP	ND	ND	ND	ND	ND	0.05	---
Zinc, SPLP	0.41 J	0.3 J	0.53	0.22 J	0.72	5.0	---

Notes:

--- - not applicable or value not available.

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

^B - Soil Remediation Objective for Construction Workers, most stringent of the *Ingestion or Inhalation* exposure route.

ND - Constituent not detected above the reporting limit.

J - Estimated concentration.

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

Table 4-3 (Continued)
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results - Inorganics
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-23	ROW-24	ROW-25	ROW-26	ROW-27	Soil Reference Concentrations ^A	Soil Remediation Objectives for Construction Workers ^B
Sample Date	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021		
Field Sample ID	ROW-23(0-2)-052621	ROW-24(0-2)-052721	ROW-25(0-2)-052621	ROW-26(0-2)-052721	ROW-27(0-2)-052621		
ISGS Site Number	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1		
Parameters							
Laboratory pH	8.0	8.2	8.5	8.5	8.8	<6.25,>9.0	---
Total Metals (mg/kg)							
Antimony, Total	0.47 J	0.55 J	0.71 J	0.81 J	0.63 J	5	82
Arsenic, Total	4	7.4	8	7.6	7.4	11.3 / 13	61
Barium, Total	40	87	60	62	48	1500	14000
Beryllium, Total	0.46	0.76	0.7	0.67	0.65	22	410
Cadmium, Total	0.28 J	0.18	0.26 J	0.4	0.29 J	5.2	200
Calcium, Total	140000 B	5500 B	80000 B	73000 B	69000 B	---	---
Chromium, Total	19	15	19	18	18	21	690
Cobalt, Total	5.9	10	11	11	10	20	12000
Copper, Total	17	16	23	24	24	2900	8200
Iron, Total	13000 B	17000	21000 B	17000	16000 B	15000 / 15900	---
Lead, Total	20	26	25	58	19	107	700
Magnesium, Total	85000 B	4200 B	45000 B	32000 B	32000 B	325000	730000
Manganese, Total	600 B	270	360 B	400	390 B	630 / 636	4100
Mercury, Total	0.014 J	0.038	0.031	0.022	0.026	0.89	0.1
Nickel, Total	13	23	28	29	24	100	4100
Potassium, Total	1100	1100	2500	1700	2000	---	---
Selenium, Total	ND	0.39 J	ND	ND	ND	1.3	1000
Silver, Total	0.28	0.54	0.38	0.46	0.34	4.4	1000
Sodium, Total	1000	1600	1600	2000	910	---	---
Thallium, Total	ND	ND	ND	ND	ND	2.6	160
Vanadium, Total	28	22	21	25	22	550	1400
Zinc, Total	74	95	64	88	130	5100	61000
TCLP Metals (mg/l)							
Arsenic, TCLP	ND	ND	ND	ND	ND	0.05	---
Barium, TCLP	0.53	0.65	0.41 J	0.7	0.54	2.0	---
Beryllium, TCLP	ND	ND	ND	ND	ND	0.004	---
Cadmium, TCLP	ND	ND	ND	ND	0.0022 J	0.005	---
Chromium, TCLP	ND	ND	ND	ND	ND	0.1	---
Cobalt, TCLP	ND	ND	ND	ND	ND	1.00	---
Copper, TCLP	ND	ND	ND	ND	ND	0.65	---
Iron, TCLP	ND	ND	0.2 J	ND	ND	5.0	---
Lead, TCLP	ND	ND	ND	ND	ND	0.0075	---
Manganese, TCLP	1.2	0.6	0.88	0.74	0.51	0.15	---
Mercury, TCLP	ND	ND	ND	ND	ND	0.002	---
Nickel, TCLP	ND	0.072 J	ND	0.022 J	ND	0.1	---
Selenium, TCLP	ND	ND	ND	ND	ND	0.05	---
Silver, TCLP	ND	ND	ND	ND	ND	0.05	---
Zinc, TCLP	0.099 J	0.32 J	0.029 J	0.028 J	0.16 J	5.0	---
SPLP Metals (mg/l)							
Arsenic, SPLP	0.023 J	0.028 J	0.094	0.092	0.091	0.05	---
Barium, SPLP	0.25 J	0.65 J	0.48 J	0.69	0.55	2.0	---
Beryllium, SPLP	ND	0.0047	0.0087	0.0091	0.008	0.004	---
Cadmium, SPLP	ND	ND	ND	ND	ND	0.005	---
Chromium, SPLP	0.063	0.1	0.17	0.18	0.15	0.1	---
Cobalt, SPLP	0.018 J	0.021 J	0.068	0.053	0.055	1.0	---
Copper, SPLP	0.087	0.09	0.23	0.21	0.21	0.65	---
Iron, SPLP	65	100	190	200	180	5.0	---
Lead, SPLP	0.08	0.13 J	0.16	0.23	0.14	0.0075	---
Manganese, SPLP	0.51	0.75 J	0.77	0.82	0.76	0.15	---
Mercury, SPLP	ND	ND	ND	ND	ND	0.002	---
Nickel, SPLP	0.068	0.076	0.2	0.19	0.17	0.1	---
Selenium, SPLP	ND	ND	ND	ND	ND	0.05	---
Silver, SPLP	ND	ND	ND	ND	ND	0.05	---
Zinc, SPLP	0.36 J	0.76 J	0.55	0.59	0.79	5.0	---

Notes:

--- - not applicable or value not available.

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

^B - Soil Remediation Objective for Construction Workers, most stringent of the *Ingestion or Inhalation* exposure route.

ND - Constituent not detected above the reporting limit.

J - Estimated concentration.

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

Table 4-3 (Continued)
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results - Inorganics
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-28	ROW-29	ROW-30	ROW-31	ROW-32	Soil Reference Concentrations ^A	Soil Remediation Objectives for Construction Workers ^B
Sample Date	5/27/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021		
Field Sample ID	ROW-28(0-2)-052721	ROW-29(0-2)-052621	ROW-30(0-2)-052721	ROW-31(0-2)-052621	ROW-32(0-2)-052721		
ISGS Site Number	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1		
Parameters							
Laboratory pH	8.6	8.9	8.4	8.2	8.7	<6.25,>9.0	---
Total Metals (mg/kg)							
Antimony, Total	0.56 J	0.91 J	0.71 J	1.8	1.3	5	82
Arsenic, Total	7.9	7.7	6.4	3.5	2.5	11.3 / 13	61
Barium, Total	45	64	110	72	130	1500	14000
Beryllium, Total	0.68	0.72	0.78	0.45	0.39	22	410
Cadmium, Total	0.21	0.37 J	0.21	0.49 B	0.54	5.2	200
Calcium, Total	68000 B	29000 B	17000 B	94000 B	170000 B	---	---
Chromium, Total	16	16	17	160	54	21	690
Cobalt, Total	12	12	11	5.1	3.5	20	12000
Copper, Total	28	20	21	20	36	2900	8200
Iron, Total	17000	17000 B	18000	13000 B	22000	15000 / 15900	---
Lead, Total	20	22	20	590	28	107	700
Magnesium, Total	28000 B	20000 B	12000 B	56000 B	87000 B	325000	730000
Manganese, Total	370	460 B	380	430 B	970	630 / 636	4100
Mercury, Total	0.034	0.031	0.028	0.015 J	0.017	0.89	0.1
Nickel, Total	29	27	27	13	16	100	4100
Potassium, Total	1800	1600	1300	1000	530	---	---
Selenium, Total	ND	0.4 J	0.43 J	ND	0.38 J	1.3	1000
Silver, Total	0.45	0.44	0.6	0.28	0.35	4.4	1000
Sodium, Total	1500	2700	2200	1500	510	---	---
Thallium, Total	ND	ND	ND	ND	ND	2.6	160
Vanadium, Total	21	26	26	21	55	550	1400
Zinc, Total	72	63	77	82	180	5100	61000
TCLP Metals (mg/l)							
Arsenic, TCLP	ND	ND	ND	ND	ND	0.05	---
Barium, TCLP	0.46 J	0.49 J	0.59	0.44 J	0.69	2.0	---
Beryllium, TCLP	ND	ND	ND	ND	ND	0.004	---
Cadmium, TCLP	ND	ND	ND	0.0022 J	0.0039 J	0.005	---
Chromium, TCLP	ND	ND	ND	ND	ND	0.1	---
Cobalt, TCLP	ND	ND	ND	ND	ND	1.00	---
Copper, TCLP	ND	ND	ND	ND	0.026	0.65	---
Iron, TCLP	ND	ND	ND	ND	ND	5.0	---
Lead, TCLP	ND	ND	ND	ND	ND	0.0075	---
Manganese, TCLP	0.61	0.49	0.43	0.97	2.2	0.15	---
Mercury, TCLP	ND	ND	ND	ND	ND	0.002	---
Nickel, TCLP	0.13	ND	0.049	ND	0.037	0.1	---
Selenium, TCLP	ND	ND	ND	ND	ND	0.05	---
Silver, TCLP	ND	ND	ND	ND	ND	0.05	---
Zinc, TCLP	0.026 J	0.025 J	0.021 J	0.11 J	0.93	5.0	---
SPLP Metals (mg/l)							
Arsenic, SPLP	0.067	0.074	0.075	0.054	ND	0.05	---
Barium, SPLP	0.5	0.56	0.9	0.57	0.17 J	2.0	---
Beryllium, SPLP	0.0066	0.0077	0.01	0.0066	ND	0.004	---
Cadmium, SPLP	ND	ND	ND	ND	ND	0.005	---
Chromium, SPLP	0.13	0.15	0.21	0.15	0.03	0.1	---
Cobalt, SPLP	0.041	0.045	0.054	0.032	ND	1.0	---
Copper, SPLP	0.15	0.17	0.2	0.16	0.062	0.65	---
Iron, SPLP	150	170	230	150	22	5.0	---
Lead, SPLP	0.17	0.15	0.12	0.22	0.067	0.0075	---
Manganese, SPLP	0.72	0.91	0.89	0.86	0.26	0.15	---
Mercury, SPLP	ND	ND	ND	ND	ND	0.002	---
Nickel, SPLP	0.14	0.16	0.19	0.12	0.025	0.1	---
Selenium, SPLP	ND	ND	ND	ND	ND	0.05	---
Silver, SPLP	ND	ND	ND	ND	ND	0.05	---
Zinc, SPLP	0.52	0.53	0.71	0.58	0.26 J	5.0	---

Notes:

--- - not applicable or value not available.

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

^B - Soil Remediation Objective for Construction Workers, most stringent of the *Ingestion or Inhalation* exposure route.

ND - Constituent not detected above the reporting limit.

J - Estimated concentration.

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

Table 4-3 (Continued)
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results - Inorganics
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-33	ROW-34	ROW-35	ROW-36	ROW-37	Soil Reference Concentrations ^A	Soil Remediation Objectives for Construction Workers ^B
Sample Date	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021		
Field Sample ID	ROW-33(0-2)-052621	ROW-34(0-2)-052721	ROW-35(0-2)-052621	ROW-36(0-2)-052721	ROW-37(0-2)-052621		
ISGS Site Number	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1		
Parameters							
Laboratory pH	8.2	8.1	8.2	8.7	8.9	<6.25,>9.0	---
Total Metals (mg/kg)							
Antimony, Total	0.72 J	0.83 J	0.54 J	0.58 J	0.79 J	5	82
Arsenic, Total	4.7	9.4	7.3	4.9	3.3	11.3 / 13	61
Barium, Total	83	95	78	110	74	1500	14000
Beryllium, Total	0.58	0.73	0.6	0.55	0.51	22	410
Cadmium, Total	0.67 B	0.26	0.3 J	0.71	0.72 B	5.2	200
Calcium, Total	49000 B	13000 B	21000 B	100000 B	77000 B	---	---
Chromium, Total	29	18	13	25	46	21	690
Cobalt, Total	6.8	12	9.2	8.8	5.3	20	12000
Copper, Total	32	20	15	33	23	2900	8200
Iron, Total	16000 B	18000	14000 B	20000	19000 B	15000 / 15900	---
Lead, Total	120	29	31	98	57	107	700
Magnesium, Total	22000 B	8600 B	13000 B	57000 B	38000 B	325000	730000
Manganese, Total	510 B	480	510 B	500	1900 B	630 / 636	4100
Mercury, Total	0.032	0.025	0.026	0.027	0.017 J	0.89	0.1
Nickel, Total	16	33	20	21	13	100	4100
Potassium, Total	920	1400	1200	900	650	---	---
Selenium, Total	0.31 J	0.56 J	0.42 J	ND	0.46 J	1.3	1000
Silver, Total	0.38	0.65	0.41	0.32	0.49 J	4.4	1000
Sodium, Total	2300	1500	1800	1500	1500	---	---
Thallium, Total	ND	ND	ND	ND	ND	2.6	160
Vanadium, Total	25	27	22	20	48	550	1400
Zinc, Total	140	95	56	260	220	5100	61000
TCLP Metals (mg/l)							
Arsenic, TCLP	ND	ND	ND	ND	ND	0.05	---
Barium, TCLP	0.49 J	0.79	0.59	0.57	0.51	2.0	---
Beryllium, TCLP	ND	ND	ND	ND	ND	0.004	---
Cadmium, TCLP	0.0033 J	0.0026 J	ND	0.0041 J	0.0038 J	0.005	---
Chromium, TCLP	ND	ND	0.11	ND	ND	0.1	---
Cobalt, TCLP	ND	ND	ND	ND	ND	1.00	---
Copper, TCLP	ND	ND	0.021 J	0.011 J	0.012 J	0.65	---
Iron, TCLP	ND	ND	0.48	ND	ND	5.0	---
Lead, TCLP	ND	ND	ND	0.0093	ND	0.0075	---
Manganese, TCLP	0.88	0.78	0.94	1.1	1.7	0.15	---
Mercury, TCLP	ND	ND	ND	ND	ND	0.002	---
Nickel, TCLP	ND	ND	0.1	0.02 J	0.014 J	0.1	---
Selenium, TCLP	ND	ND	ND	ND	ND	0.05	---
Silver, TCLP	ND	ND	ND	ND	ND	0.05	---
Zinc, TCLP	0.091 J	0.15 J	0.021 J	0.2 J	0.16 J	5.0	---
SPLP Metals (mg/l)							
Arsenic, SPLP	0.059	0.055	0.063	0.033 J	0.039 J	0.05	---
Barium, SPLP	0.84	0.93	0.65	0.43 J	0.55	2.0	---
Beryllium, SPLP	0.0082	0.0069	0.0072	0.0044	0.0054	0.004	---
Cadmium, SPLP	0.0031 J	ND	ND	ND	0.0021 J	0.005	---
Chromium, SPLP	0.2	0.15	0.16	0.098	0.14	0.1	---
Cobalt, SPLP	0.037	0.045	0.041	0.025	0.032	1.0	---
Copper, SPLP	0.19	0.14	0.14	0.12	0.13	0.65	---
Iron, SPLP	200	150	160	92	120	5.0	---
Lead, SPLP	0.24	0.18	0.14	0.3	0.25	0.0075	---
Manganese, SPLP	0.82	1	0.93	0.61	0.86	0.15	---
Mercury, SPLP	0.00023	ND	ND	ND	ND	0.002	---
Nickel, SPLP	0.16	0.13	0.14	0.087	0.11	0.1	---
Selenium, SPLP	ND	ND	ND	ND	ND	0.05	---
Silver, SPLP	ND	ND	ND	ND	ND	0.05	---
Zinc, SPLP	0.84	0.63	0.48 J	0.55	0.61	5.0	---

Notes:

--- - not applicable or value not available.

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

^B - Soil Remediation Objective for Construction Workers, most stringent of the *Ingestion or Inhalation* exposure route.

ND - Constituent not detected above the reporting limit.

J - Estimated concentration.

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

Table 4-3 (Continued)
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results - Inorganics
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-38	ROW-38	ROW-39	ROW-39	ROW-40	Soil Reference Concentrations ^A	Soil Remediation Objectives for Construction Workers ^B
Sample Date	5/27/2021	5/27/2021	5/26/2021	5/26/2021	5/27/2021		
Field Sample ID	ROW-38(0-2)-052721	ROW-38(0-2)-052721D	ROW-39(0-2)-052621	ROW-39(0-2)-052621D	ROW-40(0-2)-052721		
ISGS Site Number	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1		
Parameters							
Laboratory pH	7.8	7.9	7.9	8.3	8.4	<6.25,>9.0	---
Total Metals (mg/kg)							
Antimony, Total	0.45 J	0.79 J	0.89 J	0.65 J	0.57 J	5	82
Arsenic, Total	6.2	7.4	5.1 J	5.5	3.9	11.3 / 13	61
Barium, Total	100	120	73 J	80	62	1500	14000
Beryllium, Total	0.65	0.7	0.54	0.64	0.67	22	410
Cadmium, Total	0.21	0.13	0.26	0.3	0.26	5.2	200
Calcium, Total	25000 J	3800 J	20000 J	20000 B	67000 B	---	---
Chromium, Total	20	18	25 J	18	19	21	690
Cobalt, Total	9.9	11	7.1	8.4	10	20	12000
Copper, Total	19	16	15 J	17	21	2900	8200
Iron, Total	15000	17000	14000 J	14000	15000	15000 / 15900	---
Lead, Total	39 J	22 J	19 J	42 J	35	107	700
Magnesium, Total	17000 J	3900 J	12000 J	12000	29000 B	325000	730000
Manganese, Total	370	450	530 J	400 B	320	630 / 636	4100
Mercury, Total	0.043 J	0.051	0.024	0.038	0.02	0.89	0.1
Nickel, Total	26	20	16	18	27	100	4100
Potassium, Total	890	890	680 J	1100	2000	---	---
Selenium, Total	ND	0.4 J	0.4 J	ND	ND	1.3	1000
Silver, Total	0.44	0.52	0.36	0.49	0.36	4.4	1000
Sodium, Total	2600	3000	2200 B	2600 B	1100	---	---
Thallium, Total	ND	ND	0.89 J	0.59	ND	2.6	160
Vanadium, Total	28	31	23 J	25	20	550	1400
Zinc, Total	100	71	63 J	69	88	5100	61000
TCLP Metals (mg/l)							
Arsenic, TCLP	ND	ND	ND	ND	ND	0.05	---
Barium, TCLP	0.83	0.85	0.66	0.66	0.71	2.0	---
Beryllium, TCLP	ND	ND	ND	ND	ND	0.004	---
Cadmium, TCLP	ND	ND	0.002 J	0.0022 J	0.0024 J	0.005	---
Chromium, TCLP	ND	0.013 J	ND	ND	ND	0.1	---
Cobalt, TCLP	ND	ND	ND	ND	ND	1.00	---
Copper, TCLP	ND	ND	ND	ND	ND	0.65	---
Iron, TCLP	ND	ND	ND	ND	ND	5.0	---
Lead, TCLP	ND	ND	ND	ND	ND	0.0075	---
Manganese, TCLP	0.57	0.63	3	2.1	1.3	0.15	---
Mercury, TCLP	ND	ND	ND	ND	ND	0.002	---
Nickel, TCLP	ND	0.022 J	0.012 J	ND	0.012 J	0.1	---
Selenium, TCLP	ND	ND	ND	ND	ND	0.05	---
Silver, TCLP	ND	ND	ND	ND	ND	0.05	---
Zinc, TCLP	0.081 J	0.087 J	0.13 J	0.063 J	0.11 J	5.0	---
SPLP Metals (mg/l)							
Arsenic, SPLP	0.035 J	0.04 J	0.051	0.05	0.051	0.05	---
Barium, SPLP	0.66	0.78	0.72	0.75	0.74	2.0	---
Beryllium, SPLP	0.0043	0.0051	0.0066	0.0068	0.0088	0.004	---
Cadmium, SPLP	ND	ND	ND	ND	ND	0.005	---
Chromium, SPLP	0.1	0.12	0.15	0.16	0.17	0.1	---
Cobalt, SPLP	0.02 J	0.024 J	0.036	0.036	0.059	1.0	---
Copper, SPLP	0.08	0.093	0.12	0.12	0.18	0.65	---
Iron, SPLP	110	130	150	150	160	5.0	---
Lead, SPLP	0.064	0.075	0.11 J	0.2 J	0.13	0.0075	---
Manganese, SPLP	0.85	0.96	0.69	0.64	0.88	0.15	---
Mercury, SPLP	ND	ND	ND	ND	ND	0.002	---
Nickel, SPLP	0.076	0.088	0.12	0.12	0.18	0.1	---
Selenium, SPLP	ND	ND	ND	ND	ND	0.05	---
Silver, SPLP	ND	ND	ND	ND	ND	0.05	---
Zinc, SPLP	0.33 J	0.34 J	0.49 J	0.5	0.46 J	5.0	---

Notes:

--- - not applicable or value not available.

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

^B - Soil Remediation Objective for Construction Workers, most stringent of the *Ingestion or Inhalation* exposure route.

ND - Constituent not detected above the reporting limit.

J - Estimated concentration.

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

Table 4-3 (Continued)
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results - Inorganics
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-41	ROW-42	ROW-43	ROW-44	ROW-45	Soil Reference Concentrations ^A	Soil Remediation Objectives for Construction Workers ^B
Sample Date	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021		
Field Sample ID	ROW-41(0-2)-052621	ROW-42(0-2)-052721	ROW-43(0-2)-052621	ROW-44(0-2)-052721	ROW-45(0-2)-052621		
ISGS Site Number	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1		
Parameters							
Laboratory pH	8.5	8.7	8.9	9.0	8.5	<6.25,>9.0	---
Total Metals (mg/kg)							
Antimony, Total	0.64 J	0.6 J	0.56 J	1.8	0.55 J	5	82
Arsenic, Total	5.9	6.2	7	4	4.5	11.3 / 13	61
Barium, Total	78	67	47	72	95	1500	14000
Beryllium, Total	0.69	0.59	0.72	0.49	0.65	22	410
Cadmium, Total	0.31	0.39	0.21	0.57	0.36	5.2	200
Calcium, Total	32000 B	67000 B	66000 B	140000 B	47000 B	---	---
Chromium, Total	19	17	15	99	20	21	690
Cobalt, Total	11	8.2	12	5.5	7.8	20	12000
Copper, Total	17	22	21	33	20	2900	8200
Iron, Total	16000	16000	17000	21000	14000	15000 / 15900	---
Lead, Total	23	42	18	88	35	107	700
Magnesium, Total	19000	30000 B	29000	83000 B	22000	325000	730000
Manganese, Total	510 B	310	330 B	940	400 B	630 / 636	4100
Mercury, Total	0.023	0.027	0.022	0.024	0.025	0.89	0.1
Nickel, Total	22	23	26	18	17	100	4100
Potassium, Total	1400	1100	2000	800	1100	---	---
Selenium, Total	0.53 J	0.38 J	ND	ND	0.36 J	1.3	1000
Silver, Total	0.43	0.33	0.39	0.31	0.42	4.4	1000
Sodium, Total	2300 B	1400	1600 B	990	2000 B	---	---
Thallium, Total	0.78	ND	0.34 J	ND	0.58	2.6	160
Vanadium, Total	28	20	22	25	27	550	1400
Zinc, Total	93	120	63	160	140	5100	61000
TCLP Metals (mg/l)							
Arsenic, TCLP	ND	ND	ND	ND	ND	0.05	---
Barium, TCLP	0.65	0.57	0.77	0.49 J	0.79	2.0	---
Beryllium, TCLP	ND	ND	ND	ND	ND	0.004	---
Cadmium, TCLP	ND	0.0021 J	ND	0.0027 J	0.0023 J	0.005	---
Chromium, TCLP	ND	ND	ND	ND	ND	0.1	---
Cobalt, TCLP	ND	ND	ND	ND	ND	1.00	---
Copper, TCLP	ND	ND	ND	ND	ND	0.65	---
Iron, TCLP	ND	ND	ND	ND	ND	5.0	---
Lead, TCLP	ND	ND	ND	ND	ND	0.0075	---
Manganese, TCLP	2.1	0.85	1.9	0.81	1.5	0.15	---
Mercury, TCLP	ND	ND	ND	ND	ND	0.002	---
Nickel, TCLP	ND	0.014 J	0.016 J	ND	ND	0.1	---
Selenium, TCLP	ND	ND	ND	ND	ND	0.05	---
Silver, TCLP	ND	ND	ND	ND	ND	0.05	---
Zinc, TCLP	0.052 J	0.083 J	ND	0.11 J	0.12 J	5.0	---
SPLP Metals (mg/l)							
Arsenic, SPLP	0.054	0.047 J	0.084	0.04 J	0.037 J	0.05	---
Barium, SPLP	0.81	0.66	0.75	0.49 J	0.87	2.0	---
Beryllium, SPLP	0.0082	0.0066	0.0094	0.0051	0.0062	0.004	---
Cadmium, SPLP	ND	ND	ND	ND	ND	0.005	---
Chromium, SPLP	0.18	0.13	0.19	0.11	0.15	0.1	---
Cobalt, SPLP	0.047	0.038	0.069	0.029	0.032	1.0	---
Copper, SPLP	0.15	0.13	0.21	0.11	0.16	0.65	---
Iron, SPLP	180	140	200	100	140	5.0	---
Lead, SPLP	0.11	0.15	0.13	0.21	0.15	0.0075	---
Manganese, SPLP	0.79	0.68	0.98	0.61	0.74	0.15	---
Mercury, SPLP	ND	ND	ND	ND	ND	0.002	---
Nickel, SPLP	0.15	0.12	0.22	0.097	0.11	0.1	---
Selenium, SPLP	ND	ND	ND	ND	ND	0.05	---
Silver, SPLP	ND	ND	ND	ND	ND	0.05	---
Zinc, SPLP	0.55	0.53	0.58	0.52	0.75	5.0	---

Notes:

--- - not applicable or value not available.

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

^B - Soil Remediation Objective for Construction Workers, most stringent of the *Ingestion or Inhalation* exposure route.

ND - Constituent not detected above the reporting limit.

J - Estimated concentration.

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

Table 4-3 (Continued)
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results - Inorganics
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-46	ROW-47	ROW-48	ROW-49	ROW-50	Soil Reference Concentrations ^A	Soil Remediation Objectives for Construction Workers ^B
Sample Date	5/27/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021		
Field Sample ID	ROW-46(0-2)-052721	ROW-47(0-2)-052621	ROW-48(0-2)-052721	ROW-49(0-2)-052621	ROW-50(0-2)-052721		
ISGS Site Number	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1		
Parameters							
Laboratory pH	8.5	8.0	8.1	8.2	8.6	<6.25,>9.0	---
Total Metals (mg/kg)							
Antimony, Total	0.52 J	1 J	0.64 J	0.67 J	0.64 J	5	82
Arsenic, Total	5.3	4.3	5.9	6.7	4	11.3 / 13	61
Barium, Total	84	120	84	78	160	1500	14000
Beryllium, Total	0.73	0.67	0.71	0.69	0.75	22	410
Cadmium, Total	0.49	0.43	0.45	0.31	0.58	5.2	200
Calcium, Total	85000 B	32000 B	55000 B	58000 B	140000 B	---	---
Chromium, Total	14	33	20	19	20	21	690
Cobalt, Total	8	6.7	9.7	11	5.9	20	12000
Copper, Total	21	20	23	18	25	2900	8200
Iron, Total	21000	16000	15000	16000	20000	15000 / 15900	---
Lead, Total	98	43	81	29	57	107	700
Magnesium, Total	49000 B	19000	26000 B	29000	77000 B	325000	730000
Manganese, Total	420	570 B	510	520 B	590	630 / 636	4100
Mercury, Total	0.026	0.025	0.032	0.033	0.024	0.89	0.1
Nickel, Total	22	16	23	20	19	100	4100
Potassium, Total	1100	1200	1200	1300	770	---	---
Selenium, Total	0.39 J	ND	ND	0.52 J	0.46 J	1.3	1000
Silver, Total	0.34	0.43	0.46	0.43	0.42	4.4	1000
Sodium, Total	1500	2100 B	1300	2100 B	1000	---	---
Thallium, Total	ND	0.91	ND	0.95	ND	2.6	160
Vanadium, Total	19	35	27	26	18	550	1400
Zinc, Total	110	150	120	97	140	5100	61000
TCLP Metals (mg/l)							
Arsenic, TCLP	ND	ND	ND	ND	ND	0.05	---
Barium, TCLP	0.54	0.73	0.52	0.59	0.57	2.0	---
Beryllium, TCLP	ND	ND	ND	ND	ND	0.004	---
Cadmium, TCLP	0.002 J	0.0032 J	ND	ND	0.0037 J	0.005	---
Chromium, TCLP	ND	ND	ND	ND	ND	0.1	---
Cobalt, TCLP	ND	ND	ND	ND	ND	1.00	---
Copper, TCLP	ND	ND	ND	ND	ND	0.65	---
Iron, TCLP	ND	ND	ND	ND	ND	5.0	---
Lead, TCLP	ND	ND	ND	ND	0.0076	0.0075	---
Manganese, TCLP	1.1	2.1	0.17	1.1	1.1	0.15	---
Mercury, TCLP	ND	ND	ND	ND	ND	0.002	---
Nickel, TCLP	ND	ND	ND	ND	0.01 J	0.1	---
Selenium, TCLP	ND	ND	ND	ND	ND	0.05	---
Silver, TCLP	ND	ND	ND	ND	ND	0.05	---
Zinc, TCLP	0.056 J	0.18 J	0.065 J	0.1 J	0.19 J	5.0	---
SPLP Metals (mg/l)							
Arsenic, SPLP	0.046 J	0.043 J	0.051	0.061	0.04 J	0.05	---
Barium, SPLP	0.64	1.2	0.77	0.8	0.72	2.0	---
Beryllium, SPLP	0.0066	0.0082	0.0076	0.0081	0.0068	0.004	---
Cadmium, SPLP	ND	0.0022 J	ND	ND	ND	0.005	---
Chromium, SPLP	0.14	0.2	0.16	0.18	0.16	0.1	---
Cobalt, SPLP	0.037	0.037	0.033	0.04	0.035	1.0	---
Copper, SPLP	0.12	0.16	0.15	0.16	0.14	0.65	---
Iron, SPLP	140	180	170	190	150	5.0	---
Lead, SPLP	0.16	0.2	0.21	0.17	0.22	0.0075	---
Manganese, SPLP	0.79	0.89	0.93	0.92	0.72	0.15	---
Mercury, SPLP	ND	0.00021	ND	0.00021	ND	0.002	---
Nickel, SPLP	0.12	0.14	0.13	0.16	0.11	0.1	---
Selenium, SPLP	ND	ND	ND	ND	ND	0.05	---
Silver, SPLP	ND	ND	ND	ND	ND	0.05	---
Zinc, SPLP	0.49 J	0.94	0.62	0.68	0.68	5.0	---

Notes:

--- - not applicable or value not available.

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

^B - Soil Remediation Objective for Construction Workers, most stringent of the *Ingestion or Inhalation* exposure route.

ND - Constituent not detected above the reporting limit.

J - Estimated concentration.

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

Table 4-3 (Continued)
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results - Inorganics
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-51	ROW-52	ROW-53	ROW-54	ROW-55	Soil Reference Concentrations ^A	Soil Remediation Objectives for Construction Workers ^B
Sample Date	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021		
Field Sample ID	ROW-51(0-2)-052621	ROW-52(0-2)-052721	ROW-53(0-2)-052621	ROW-54(0-2)-052721	ROW-55(0-2)-052621		
ISGS Site Number	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1		
Parameters							
Laboratory pH	8.7	8.4	8.7	8.6	8.8	<6.25,>9.0	---
Total Metals (mg/kg)							
Antimony, Total	1.2	1.1	0.65 J	0.74 J	0.69 J	5	82
Arsenic, Total	2.9	5.6	4	2.5	5.7	11.3 / 13	61
Barium, Total	54	120	67	71	77	1500	14000
Beryllium, Total	0.42	0.59	0.47	0.38	0.61	22	410
Cadmium, Total	0.42	0.8	1	0.58	0.3	5.2	200
Calcium, Total	140000 B	94000 B	100000 B	170000 B	94000 B	---	---
Chromium, Total	69	28	20	32	22	21	690
Cobalt, Total	4.1	8.3	6	3.4	11	20	12000
Copper, Total	18	35	36	36	23	2900	8200
Iron, Total	20000	21000	18000	14000	21000	15000 / 15900	---
Lead, Total	27	99	290	70	21	107	700
Magnesium, Total	74000	55000 B	58000	88000 B	54000	325000	730000
Manganese, Total	1900 B	470	380 B	470	490 B	630 / 636	4100
Mercury, Total	0.012 J	0.034	0.028	0.014 J	0.02	0.89	0.1
Nickel, Total	12	24	15	20	23	100	4100
Potassium, Total	830	1200	850	650	1800	---	---
Selenium, Total	ND	ND	ND	ND	ND	1.3	1000
Silver, Total	ND	0.32	0.31	0.23 J	0.34	4.4	1000
Sodium, Total	660 B	1400	810 B	740	1100 B	---	---
Thallium, Total	ND	ND	0.47 J	ND	0.89	2.6	160
Vanadium, Total	71	20	14	20	21	550	1400
Zinc, Total	150	200	290	180	98	5100	61000
TCLP Metals (mg/l)							
Arsenic, TCLP	ND	ND	ND	ND	ND	0.05	---
Barium, TCLP	0.57	0.55	0.45 J	0.51	0.48 J	2.0	---
Beryllium, TCLP	ND	ND	ND	ND	ND	0.004	---
Cadmium, TCLP	0.0025 J	0.0034 J	0.0082	0.004 J	ND	0.005	---
Chromium, TCLP	ND	ND	ND	ND	ND	0.1	---
Cobalt, TCLP	ND	ND	ND	ND	ND	1.00	---
Copper, TCLP	ND	ND	ND	0.02 J	ND	0.65	---
Iron, TCLP	ND	ND	ND	ND	ND	5.0	---
Lead, TCLP	ND	ND	0.053	ND	ND	0.0075	---
Manganese, TCLP	2.2	0.87	1.2	1.6	1.2	0.15	---
Mercury, TCLP	ND	ND	ND	ND	ND	0.002	---
Nickel, TCLP	0.011 J	0.011 J	0.015 J	0.03	ND	0.1	---
Selenium, TCLP	ND	ND	ND	ND	ND	0.05	---
Silver, TCLP	ND	ND	ND	ND	ND	0.05	---
Zinc, TCLP	0.51	0.33 J	0.52	0.81	0.1 J	5.0	---
SPLP Metals (mg/l)							
Arsenic, SPLP	0.019 J	0.042 J	ND	ND	0.067	0.05	---
Barium, SPLP	0.18 J	0.47 J	0.14 J	0.086 J	0.41 J	2.0	---
Beryllium, SPLP	ND	0.0053	ND	ND	0.0068	0.004	---
Cadmium, SPLP	ND	ND	ND	ND	ND	0.005	---
Chromium, SPLP	0.049	0.1	0.044	0.019 J	0.13	0.1	---
Cobalt, SPLP	0.014 J	0.033	ND	ND	0.055	1.0	---
Copper, SPLP	0.059	0.13	0.087	0.049	0.16	0.65	---
Iron, SPLP	48	100	24	10	140	5.0	---
Lead, SPLP	0.059	0.28	0.53	0.069	0.11	0.0075	---
Manganese, SPLP	0.32	0.6	0.33	0.21	0.64	0.15	---
Mercury, SPLP	ND	ND	ND	ND	ND	0.002	---
Nickel, SPLP	0.045	0.1	0.027	0.02 J	0.16	0.1	---
Selenium, SPLP	ND	ND	ND	ND	ND	0.05	---
Silver, SPLP	ND	ND	ND	ND	ND	0.05	---
Zinc, SPLP	0.25 J	0.59	0.6	0.24 J	0.39 J	5.0	---

Notes:

--- - not applicable or value not available.

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

^B - Soil Remediation Objective for Construction Workers, most stringent of the *Ingestion or Inhalation* exposure route.

ND - Constituent not detected above the reporting limit.

J - Estimated concentration.

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

Table 4-3 (Continued)
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results - Inorganics
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-56	ROW-57	ROW-58	ROW-58	Soil Reference Concentrations ^A	Soil Remediation Objectives for Construction Workers ^B
Sample Date	5/27/2021	5/26/2021	5/27/2021	5/27/2021		
Field Sample ID	ROW-56(0-2)-052721	ROW-57(0-2)-052621	ROW-58(0-2)-052721	ROW-58(0-2)-052721D		
ISGS Site Number	2233V2-1	2233V2-1	2233V2-1	2233V2-1		
Parameters						
Laboratory pH	8.6	8.7	8.7	8.8	<6.25,>9.0	---
Total Metals (mg/kg)						
Antimony, Total	1.1	0.51 J	1.1 J	0.7 J	5	82
Arsenic, Total	3.3	5.2	7.7 J	5.8	11.3 / 13	61
Barium, Total	58	36	47	67	1500	14000
Beryllium, Total	0.4	0.53	0.67	0.57	22	410
Cadmium, Total	0.63	0.37	0.29 J	0.44	5.2	200
Calcium, Total	140000 B	110000 B	84000 B	97000 B	---	---
Chromium, Total	30	16	18 J	20	21	690
Cobalt, Total	6.2	7.9	11	9.5	20	12000
Copper, Total	800	21	27 J	27	2900	8200
Iron, Total	14000	18000	23000 J	20000	15000 / 15900	---
Lead, Total	190	44	33 J	53	107	700
Magnesium, Total	83000 B	63000	51000 B	57000 B	325000	730000
Manganese, Total	500	390 B	410 J	410	630 / 636	4100
Mercury, Total	0.016 J	0.015 J	0.022	0.024	0.89	0.1
Nickel, Total	19	20	26	25	100	4100
Potassium, Total	800	1400	1800 J	1400	---	---
Selenium, Total	ND	ND	ND	0.43 J	1.3	1000
Silver, Total	0.54	0.27	0.41	0.31	4.4	1000
Sodium, Total	860	1100 B	1300 J	1200	---	---
Thallium, Total	ND	0.82	ND	ND	2.6	160
Vanadium, Total	16	17	21 J	19	550	1400
Zinc, Total	310	85	91 J	120	5100	61000
TCLP Metals (mg/l)						
Arsenic, TCLP	ND	ND	ND	ND	0.05	---
Barium, TCLP	0.47 J	0.45 J	0.53	0.47 J	2.0	---
Beryllium, TCLP	ND	ND	ND	ND	0.004	---
Cadmium, TCLP	0.0028 J	0.0026 J	ND	ND	0.005	---
Chromium, TCLP	ND	ND	ND	ND	0.1	---
Cobalt, TCLP	ND	ND	ND	ND	1.00	---
Copper, TCLP	0.015 J	ND	ND	ND	0.65	---
Iron, TCLP	ND	ND	ND	ND	5.0	---
Lead, TCLP	ND	ND	ND	ND	0.0075	---
Manganese, TCLP	1.3	2.1	0.56 J	0.28 J	0.15	---
Mercury, TCLP	ND	ND	ND	ND	0.002	---
Nickel, TCLP	ND	0.02 J	ND	ND	0.1	---
Selenium, TCLP	ND	ND	ND	ND	0.05	---
Silver, TCLP	ND	ND	ND	ND	0.05	---
Zinc, TCLP	0.5	0.066 J	0.03 J	ND	5.0	---
SPLP Metals (mg/l)						
Arsenic, SPLP	0.02 J	0.059 J	0.083	0.096	0.05	---
Barium, SPLP	0.19 J	0.36 J	0.54	0.68	2.0	---
Beryllium, SPLP	ND	0.006 J	0.009	0.01	0.004	---
Cadmium, SPLP	ND	ND	ND	ND	0.005	---
Chromium, SPLP	0.048	0.12 J	0.16	0.18	0.1	---
Cobalt, SPLP	0.016 J	0.051 J	0.054	0.064	1.0	---
Copper, SPLP	0.074	0.15 J	0.21	0.24	0.65	---
Iron, SPLP	49	130	180	210	5.0	---
Lead, SPLP	0.082	0.14 J	0.16	0.14	0.0075	---
Manganese, SPLP	0.4	0.76 J	0.77	0.89	0.15	---
Mercury, SPLP	ND	ND	ND	ND	0.002	---
Nickel, SPLP	0.051	0.14 J	0.2	0.24	0.1	---
Selenium, SPLP	ND	ND	ND	ND	0.05	---
Silver, SPLP	ND	ND	ND	ND	0.05	---
Zinc, SPLP	0.32 J	0.42 J	0.49 J	0.57	5.0	---

Notes:

--- - not applicable or value not available.

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

^B - Soil Remediation Objective for Construction Workers, most stringent of the *Ingestion or Inhalation* exposure route.

ND - Constituent not detected above the reporting limit.

J - Estimated concentration.

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

Table 4-4
Estimate of Impacted Soil and Construction Management Costs Within IDOT Construction Areas
I-80 ROW (ISGS Site No. 2233V2-1
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Boring ID	Impacted Stationing	Contaminants of Concern		Anticipated Excavation Activity	Basis for Excavation Volume	Estimated Volume and Classification of Impacted Soil (cubic yards) ¹ Standard Specifications, Article 669.05							
		Above All Applicable Reference Concentrations	Above Most Stringent RC and less than background; or above TCLP/SPLP metals RC			(a)(1)	(a)(2)	(a)(3)	(a)(4)	(a)(5)	(b)(1)	(b)(2)	(c)
I-80 ROW (ISGS Site No. 2233V2-1)													
ROW-1	STA 158+73.15 to STA 163+00, from 100 ft LT to 100 ft RT of I-80 CL	None	Benzo(a)pyrene, lead (T/S), and manganese (T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	---	---	510	---	---	---	---	---
ROW-2		None	Benzo(a)pyrene and manganese (T/S)			---	---	---	---	---	---	---	
ROW-3	STA 163+00 to STA 167+12, from 0 ft RT to 100 ft of I-80 CL	None	Benzo(a)pyrene, manganese (T/S), and pH >9.0	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	243	---	---	---	---	---	---	---
ROW-4	STA 163+00 to 169+50, from 0 ft LT to 100 ft LT of I-80 CL	None	Benzo(a)pyrene, lead (T/S), and manganese (T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	---	---	385	---	---	---	---	---
ROW-5	STA 167+12 to STA 172+25, from 0 ft RT to 100 ft RT of I-80 CL	None	Manganese (T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	---	305	---	---	---	---	---	---
ROW-6	STA 169+50 to 176+00, from 0 ft LT to 100 ft LT of I-80 CL	None	Lead (Total/T/S), and Manganese (T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	385	---	---	---	---	---	---	---
ROW-7	STA 172+25 to STA 177+90, from 0 ft RT to 100 ft RT of I-80 CL	None	Benzo(a)pyrene and manganese (T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	---	---	335	---	---	---	---	---
ROW-8	STA 176+00 to 180+50, from 0 ft LT to 100 ft LT of I-80 CL	None	Lead (T/S), and manganese (T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	---	267	---	---	---	---	---	---
ROW-9	STA 177+90 to STA 182+50, from 0 ft RT to 100 ft RT of I-80 CL	None	Benzo(a)pyrene, and manganese (T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	---	---	273	---	---	---	---	---
ROW-10	STA 180+50 to 184+100, from 0 ft LT to 100 ft LT of I-80 CL	None	Benzo(a)pyrene, lead (T/S), and manganese (T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	---	---	258	---	---	---	---	---
ROW-11	STA 182+50 to STA 187+03, from 0 ft RT to 100 ft RT of I-80 CL	None	Benzo(a)pyrene, and manganese (T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	---	---	270	---	---	---	---	---
ROW-12	STA 184+100 to STA 189+75, from 0 ft LT to 100 ft LT of I-80 CL	None	Benzo(a)pyrene, and manganese (T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	---	---	290	---	---	---	---	---
ROW-13	STA 187+03 to STA 192+35, from 0 ft RT to 100 ft RT of I-80 CL	None	Manganese (Total/T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	314	---	---	---	---	---	---	---
ROW-14	STA 189+75 to STA 195+71, from 0 ft LT to 100 ft LT of I-80 CL	None	Benzo(a)pyrene, and manganese (T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	---	---	362	---	---	---	---	---

Continued on next page

Table 4-4 (Continued)
Estimate of Impacted Soil and Construction Management Costs Within IDOT Construction Areas
I-80 ROW (ISGS Site No. 2233V2-1
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Boring ID	Impacted Stationing	Contaminants of Concern		Anticipated Excavation Activity	Basis for Excavation Volume	Estimated Volume and Classification of Impacted Soil (cubic yards) ¹ Standard Specifications, Article 669.05							
		Above All Applicable Reference Concentrations	Above Most Stringent RC and less than background; or above TCLP/SPLP metals RC			(a)(1)	(a)(2)	(a)(3)	(a)(4)	(a)(5)	(b)(1)	(b)(2)	(c)
I-80 ROW (ISGS Site No. 2233V2-1)													
ROW-15	STA 192+35 to STA 198+26, from 0 ft RT to 100 ft RT of I-80 CL	None	Manganese (T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	---	350	---	---	---	---	---	---
ROW-16	STA 195+71 to STA 202+00, from 0 ft LT to 100 ft LT of I-80 CL	None	Manganese (T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	---	365	---	---	---	---	---	---
ROW-17	STA 198+26 to STA 202+60, from 0 ft RT to 100 ft RT of I-80 CL	None	Benzo(a)pyrene, lead (T/S), and manganese (T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	---	---	261	---	---	---	---	---
ROW-18	STA 202+00 to STA 205+18, from 0 ft LT to 100 ft LT of I-80 CL	None	Benzo(a)pyrene, lead (T/S), and manganese (T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	---	---	190	---	---	---	---	---
ROW-19	STA 202+60 to STA 207+44, from 0 ft RT to 100 ft RT of I-80 CL	None	Manganese (T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	---	284	---	---	---	---	---	---
ROW-20	STA 205+18 to STA 209+72, from 0 ft LT to 100 ft LT of I-80 CL	None	None	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	---	---	---	---	---	---	---	---
ROW-21	STA 207+44 to STA 212+92, from 0 ft RT to 100 ft RT of I-80 CL	None	Benzo(a)pyrene, manganese (T/S), and pH >9.0	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	323	---	---	---	---	---	---	---
ROW-22	STA 209+72 to STA 215+00, from 0 ft LT to 100 ft LT of I-80 CL	None	Benzo(a)pyrene and manganese (Total/T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	314	---	---	---	---	---	---	---
ROW-23	STA 212+92 to STA 217+50, from 0 ft RT to 100 ft RT of I-80 CL	None	Benzo(a)pyrene and manganese (T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	---	---	276	---	---	---	---	---
ROW-24	STA 215+00 to STA 219+73, from 0 ft LT to 100 ft LT of I-80 CL	None	Benzo(a)pyrene and manganese (T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	---	---	284	---	---	---	---	---
ROW-25	STA 217+50 to STA 222+70, from 0 ft RT to 100 ft RT of I-80 CL	None	Manganese (T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	---	308	---	---	---	---	---	---
ROW-26	STA 219+73 to STA 225+03, from 0 ft LT to 100 ft LT of I-80 CL	None	Manganese (T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	---	311	---	---	---	---	---	---
ROW-27	STA 222+70 to STA 227+27, from 0 ft RT to 100 ft RT of I-80 CL	None	Benzo(a)pyrene and manganese (T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	---	---	276	---	---	---	---	---
ROW-28	STA 225+05 to STA 230+00, from 0 ft LT to 100 ft LT of I-80 CL	None	Benzo(a)pyrene and manganese (T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	---	---	293	---	---	---	---	---
ROW-29	STA 227+27 to STA 232+48, from 0 ft RT to 100 ft RT of I-80 CL	None	Manganese (T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	---	302	---	---	---	---	---	---

Continued on next page

Table 4-4 (Continued)
Estimate of Impacted Soil and Construction Management Costs Within IDOT Construction Areas
I-80 ROW (ISGS Site No. 2233V2-1
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Boring ID	Impacted Stationing	Contaminants of Concern		Anticipated Excavation Activity	Basis for Excavation Volume	Estimated Volume and Classification of Impacted Soil (cubic yards) ¹ Standard Specifications, Article 669.05							
		Above All Applicable Reference Concentrations	Above Most Stringent RC and less than background; or above TCLP/SPLP metals RC			(a)(1)	(a)(2)	(a)(3)	(a)(4)	(a)(5)	(b)(1)	(b)(2)	(c)
I-80 ROW (ISGS Site No. 2233V2-1)													
ROW-30	STA 230+00 to STA 234+68, from 0 ft LT to 100 ft LT of I-80 CL	None	Benzo(a)pyrene and manganese (T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	---	---	282	---	---	---	---	---
ROW-31	STA 232+48 to STA 236+95, from 0 ft RT to 100 ft RT of I-80 CL	Benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, carbazole, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene	Manganese (T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	---	---	---	---	264	---	---	---
ROW-32	STA 234+68 to STA 238+95, from 0 ft LT to 100 ft LT of I-80 CL	None	Benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, and manganese (T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	249	---	---	---	---	---	---	---
ROW-33	STA 236+95 to STA 241+45, from 0 ft RT to 100 ft RT of I-80 CL	None	Benzo(a)pyrene and manganese (T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	---	---	267	---	---	---	---	---
ROW-34	STA 238+95 to STA 244+00, from 0 ft LT to 100 ft LT of I-80 CL	None	Benzo(a)pyrene and manganese (T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	---	---	299	---	---	---	---	---
ROW-35	STA 241+45 to STA 246+69, from 0 ft RT to 100 ft RT of I-80 CL	None	Benzo(a)pyrene and manganese (T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	---	---	317	---	---	---	---	---
ROW-36	STA 245+00 to STA 250+22, from 0 ft LT to 100 ft LT of I-80 CL	None	Benzo(a)pyrene, lead (T/S), and manganese (T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	---	---	311	---	---	---	---	---
ROW-37	STA 246+69 to STA 252+00, from 0 ft RT to 100 ft RT of I-80 CL	Manganese (Total/T/S)	Benzo(a)pyrene	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	---	---	---	---	308	---	---	---
ROW-38	STA 250+22 to STA 254+00, from 0 ft LT to 100 ft LT of I-80 CL	None	Manganese (T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	---	302	---	---	---	---	---	---
ROW-39	STA 252+00 to STA 257+72, from 0 ft RT to 100 ft RT of I-80 CL	None	Benzo(a)pyrene and manganese (T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	---	---	344	---	---	---	---	---
ROW-40	STA 254+00 to STA 260+11, from 0 ft LT to 100 ft LT of I-80 CL	None	Benzo(a)pyrene and manganese (T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	---	---	282	---	---	---	---	---
ROW-41	STA 257+72 to STA 262+73, from 0 ft RT to 100 ft RT of I-80 CL	None	Manganese (T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	---	293	---	---	---	---	---	---
ROW-42	STA 260+00 to STA 265+00, from 0 ft LT to 100 ft LT of I-80 CL	None	Benzo(a)pyrene and manganese (T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	---	---	287	---	---	---	---	---

Continued on next page

Table 4-4 (Continued)
Estimate of Impacted Soil and Construction Management Costs Within IDOT Construction Areas
I-80 ROW (ISGS Site No. 2233V2-1)
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Boring ID	Impacted Stationing	Contaminants of Concern		Anticipated Excavation Activity	Basis for Excavation Volume	Estimated Volume and Classification of Impacted Soil (cubic yards) ¹ Standard Specifications, Article 669.05							
		Above All Applicable Reference Concentrations	Above Most Stringent RC and less than background; or above TCLP/SPLP metals RC			(a)(1)	(a)(2)	(a)(3)	(a)(4)	(a)(5)	(b)(1)	(b)(2)	(c)
I-80 ROW (ISGS Site No. 2233V2-1)													
ROW-43	STA 262+73 to STA 267+75, from 0 ft RT to 100 ft RT of I-80 CL	None	Benzo(a)pyrene and manganese (T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	---	---	296	---	---	---	---	---
ROW-44	STA 265+00 to STA 269+96, from 0 ft LT to 100 ft LT of I-80 CL	None	Benzo(a)pyrene, benzo(b)fluoranthene, and manganese (Total/T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	296	---	---	---	---	---	---	---
ROW-45	STA 267+75 to STA 273+00, from 0 ft RT to 100 ft RT of I-80 CL	None	Benzo(a)pyrene and manganese (T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	---	---	311	---	---	---	---	---
ROW-46	STA 269+96 to STA 275+00, from 0 ft LT to 100 ft LT of I-80 CL	None	Benzo(a)pyrene and manganese (T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	---	---	299	---	---	---	---	---
ROW-47	STA 273+00 to STA 277+35, from 0 ft RT to 100 ft RT of I-80 CL	None	Benzo(a)pyrene and manganese (T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	---	---	258	---	---	---	---	---
ROW-48	STA 275+00 to STA 280+00, from 0 ft LT to 100 ft LT of I-80 CL	None	Benzo(a)pyrene and manganese (T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	---	---	296	---	---	---	---	---
ROW-49	STA 277+35 to STA 282+24, from 0 ft RT to 100 ft RT of I-80 CL	None	Benzo(a)pyrene and manganese (T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	---	---	290	---	---	---	---	---
ROW-50	STA 280+00 to STA 2100+05, from 0 ft LT to 100 ft LT of I-80 CL	None	Benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, lead(T/S), and manganese (T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	---	---	299	---	---	---	---	---
ROW-51	STA 282+24 to STA 287+15, from 0 ft RT to 100 ft RT of I-80 CL	Manganese (Total/T/S)	Benzo(a)pyrene	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	---	---	---	---	290	---	---	---
ROW-52	STA 285+05 to STA 289+70, from 0 ft LT to 100 ft LT of I-80 CL	None	Benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, and manganese (T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	---	---	276	---	---	---	---	---
ROW-53	STA 287+15 to STA 292+77, from 0 ft RT to 100 ft RT of I-80 CL	Benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, carbazole, dibenzo(a,h)anthracene, indeno(1,2,3-cd)pyrene, and naphthalene	Manganese (T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	---	---	---	---	284	---	---	---
ROW-54	STA 289+70 to STA 294+45, from 0 ft LT to 100 ft LT of I-80 CL	None	Benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, and manganese (T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	---	---	---	282	---	---	---	---

Continued on next page

Table 4-4 (Continued)
Estimate of Impacted Soil and Construction Management Costs Within IDOT Construction Areas
I-80 ROW (ISGS Site No. 2233V2-1
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Boring ID	Impacted Stationing	Contaminants of Concern		Anticipated Excavation Activity	Basis for Excavation Volume	Estimated Volume and Classification of Impacted Soil (cubic yards) ¹ Standard Specifications, Article 669.05								
		Above All Applicable Reference Concentrations	Above Most Stringent RC and less than background; or above TCLP/SPLP metals RC			(a)(1)	(a)(2)	(a)(3)	(a)(4)	(a)(5)	(b)(1)	(b)(2)	(c)	
I-80 ROW (ISGS Site No. 2233V2-1)														
ROW-55	STA 292+77 to STA 297+96, from 0 ft RT to 100 ft RT of I-80 CL	None	Benzo(a)pyrene and manganese (T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	---	---	296	---	---	---	---	---	---
ROW-56	STA 294+45 to STA 299+15, from 0 ft LT to 100 ft LT of I-80 CL	None	Benzo(a)pyrene, benzo(b)fluoranthene, and manganese (T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	---	---	279	---	---	---	---	---	---
ROW-57	STA 297+96 to STA 303+00, from 0 ft RT to 100 ft RT of I-80 CL	None	Manganese (T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	---	359	---	---	---	---	---	---	---
ROW-58	STA 299+15 to STA 303+00, from 0 ft LT to 100 ft LT of I-80 CL	None	Benzo(a)pyrene and manganese (T/S)	Shoulder widening and rehabilitation.	Estimated based on volume provided by IDOT.	---	---	228	---	---	---	---	---	---
Total Volume of Impacted Soil to be Excavated						2124	3446	9780	282	1146	0	0	0	
Soil Disposal Costs ²						\$159,300.00	---	---	---	\$85,950.00	\$0.00	\$0.00	---	
REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN (RSPCP) ³													\$8,000.00	
ON-SITE MONITORING OF REGULATED SUBSTANCES ⁴													\$38,400.00	
REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT (RSFCR) ⁵													\$8,000.00	
SOIL DISPOSAL ANALYSIS ⁶													\$4,925.00	
TOTAL COST (rounded to the nearest \$100)													\$304,600.00	

Notes:

- 1) - Estimated excavation volumes are based on quantities provided by IDOT in the project task information. Impacted soil volumes for each boring were estimated by dividing the total proposed excavation volume proportionally among impacted borings on or adjacent to the site. The lateral extent of impacted soil at a boring was assumed to extend one-half the distance between the impacted boring and any adjacent boring(s), or to the construction limits.
- 2) For soil classified as a(1), a(5), b(1), b(2) - A transportation and disposal cost of \$75.00 per cubic yard was used. No soil disposal costs are included for soils classified as a(2), a(3), a(4), and (c).
- 3) - The RSPCP includes completion of IDOT Form BDE 2730, and associated attachments, including the firm's and subcontractors Experience and Qualifications, Site Contamination Operation Plan (SCOP), Site Contamination Health and Safety Plan (SCHASP), Site Contamination Erosion Control Plan (SCECP). The total cost for the RSPCP is estimated at \$8,000.00 and assumes the activities will occur during one mobilization.
- 4) - On-Site Monitoring of Regulated Substances includes labor, expenses, and equipment for air monitoring field oversight for a time period of up to 32 days at this property at \$1,200 per day (\$38,400 total); and is based on the estimate provided on form BDE 2735. This line item also includes the daily preparation of the Regulated Substances Monitoring Daily Record (RSMDR) - Form 2732 - including preparation of attachments to this form, such as photo logs, manifests, and weight tickets.
- 5) - The RSFCR includes completion of IDOT Form BDE 2733, and associated attachments in accordance with Section 2 of Form BDE 2733. The total cost for the RSFCR is estimated at \$8,000.00.
- 6) - Soil sampling and analysis is property specific and is based on the identified contaminants of concern. At this property, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, carbazole, dibenzo(a,h)anthracene, indeno(1,2,3-cd)pyrene, naphthalene, lead, and manganese were identified as contaminants of concern. Five samples will be collected for disposal parameters (TCLP [VOCs, SVOCs, pesticides, herbicides, metals], reactive sulfide and cyanide, PCBs, pH, flashpoint, and paint filter). The estimated analytical costs include sample collection, handling, and transportation or shipping to the laboratory.
- 7) The highlighted value(s) is/are estimates of the volume(s) to be excavated as part of the construction project within a proposed acquisition area.

NA - not applicable

RC - Reference Concentration

T/S - Toxicity characteristic leaching procedure/synthetic precipitation leaching procedure (TCLP/SPLP)

SECTION 5 CONCLUSIONS AND RECOMMENDATIONS

This section contains conclusions and recommendations based on the findings of the PSI of one potential waste property located at the FAI 80 – Interstate 80 (I-80) from Ridge Road to the DuPage River, in Will County, Illinois. Table 5-1 presents a cost summary for soil management and disposal. Additional discussion regarding the prevention of accelerated contaminant migration is also presented.

5.1 I-80 ROW (ISGS SITE NO. 2233V2-1)

5.1.1 Conclusions

- Soil borings ROW-1 through ROW-58 were advanced to a depth of 2.0 ft bgs at the I-80 ROW property. One investigative soil sample per boring and six duplicate soil samples were collected to characterize the soil across the proposed maximum depth of excavation of 1.5 ft bgs.
- Benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, carbazole, dibenzo(a,h)anthracene, indeno(1,2,3-cd)pyrene, naphthalene, lead, and manganese were detected at levels exceeding their reference concentrations, as listed below. Based on the analytical data, these constituents are considered contaminants of concern and soil adjacent to borings ROW-1 through ROW-19 and ROW-21 through ROW-58 is considered potentially impacted.
 - Benzo(a)pyrene was detected above its reference concentration in ROW-1 through ROW-4, ROW-7, ROW-9 through ROW-12, ROW-14, ROW-17, ROW-18, ROW-21 through ROW-24, ROW-27, ROW-28, ROW-30, ROW-33 through ROW-37, ROW-39, ROW-40, ROW-42, ROW-43, ROW-45 through ROW-49, ROW-51, ROW-55, and ROW-58.
 - Benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, carbazole, dibenzo(a,h)anthracene and indeno(1,2,3-cd)pyrene were detected above reference concentrations in ROW-31.
 - Benzo(a)pyrene, benzo(b)fluoranthene, and dibenzo(a,h)anthracene were detected above reference concentrations in ROW-32, ROW-50, and ROW-52.
 - Benzo(a)pyrene and benzo(b)fluoranthene were detected above reference concentrations in ROW-44 and ROW-56.

- Benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, carbazole, dibenzo(a,h)anthracene, indeno(1,2,3-cd)pyrene, and naphthalene were detected above reference concentrations in ROW-53.
- Benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, and dibenzo(a,h)anthracene were detected above reference concentrations in ROW-54.
- Total lead was detected above the TACO Tier 1 SRO for the ingestion exposure route for residential properties in ROW-31.
- Total, TCLP, and SPLP lead were detected above reference concentrations in ROW-6 and ROW-53.
- TCLP and SPLP lead were detected above reference concentrations in ROW-1, ROW-4, ROW-8, ROW-10, ROW-17, ROW-18, ROW-36, and ROW-50.
- Total manganese was detected above the TACO Tier 1 SRO for the ingestion exposure route for residential properties in ROW-37 and ROW-51.
- Total, TCLP, and SPLP manganese were detected above reference concentrations in ROW-13, ROW-22, ROW-32, ROW-37, ROW-44, and ROW-51.
- TCLP and SPLP manganese were detected above reference concentrations in ROW- 1 through ROW-12, ROW-14 through ROW-19, ROW-21, ROW-23 through ROW-31, ROW-33 through ROW-36, ROW-38 through ROW-43, ROW-45 through ROW-50, and ROW-52 through ROW-58.
- Constituents were not detected at levels exceeding reference concentrations in the soil sample collected from soil boring ROW-20. The soil in the vicinity of this boring is considered uncontaminated and its use unrestricted.
- An estimated 2,124 yd³ of impacted soil may be excavated during construction activities and managed on-site or it should be managed off-site as a non-special waste, in accordance with 669.05.a(1).
- An estimated 3,446 yd³ of impacted soil may be excavated during construction activities and managed on-site or to a CCDD/USFO, in accordance with 669.05.a(2).
- An estimated 9,780 yd³ of impacted soil may be excavated during construction activities and managed on-site or to a CCDD/USFO within an MSA County, in accordance with 669.05.a(3).

- An estimated 282 yd³ of impacted soil may be excavated during construction activities and managed on-site or to a CCDD/USFO within a MSA County, excluding Chicago corporate limits, in accordance with 669.05.a(4).
- An estimated 1,146 yd³ of impacted soil may be excavated during construction activities and should be managed off-site as a non-special waste, in accordance with 669.05.a(5).
- The estimated cost for the management of potentially impacted soil is \$304,600.00, which includes a lump sum total for preparation of a RSPCP, a RSFCR, and On-Site Monitoring of Regulated Substances (including preparation of RSMDR), but does not include a soil disposal cost for soil that may be managed to a CCDD/USFO. Assumptions used to generate these estimates are provided in Section 4 and Table 4-4.
- Constituents in soil were not detected above construction worker protection limits.
- Saturated conditions were not encountered in the soil borings advanced at the subject property. As a result, a groundwater evaluation was not conducted.
- Proposed IDOT construction plans indicate that no additional ROW will be acquired adjacent to the subject property.

5.1.2 Recommendations

- Based upon the concentrations of benzo(a)pyrene, benzo(b)fluoranthene, lead, manganese, and/or pH in the soil samples collected from borings ROW-3, ROW-6, ROW-13, ROW-21, ROW-22, ROW-32, and ROW-44 indicates that this soil/waste may be managed on-site, or it should be managed off-site as a non-special waste in accordance with 669.05.a(1).
- Based upon the concentrations of lead and/or manganese in the soil samples collected from borings ROW-5, ROW-8, ROW-15, ROW-16, ROW-19, ROW-25, ROW-26, ROW-29, ROW-38, ROW-41, and ROW-57 indicates that this soil/waste may be managed on-site, or to a CCDD/USFO in accordance with 669.05.a(2). In the event that the soil/waste cannot be managed on-site or to a CCDD/USFO, the soil/waste should be managed as a non-special waste.
- Based upon the concentrations of benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, lead, and/or manganese in the soil samples collected from borings ROW-1, ROW-2, ROW-4, ROW-7, ROW-9 through ROW-12, ROW-14, ROW-17, ROW-18, ROW-23, ROW-24, ROW-27, ROW-28, ROW-30, ROW-33 through ROW-36, ROW-39, ROW-40, ROW-42, ROW-43, ROW-45 through ROW-50, ROW-52, ROW-55, ROW-56, and ROW-58 indicates that this soil/waste may be managed on-site, or to a CCDD/USFO within a MSA County, in accordance with 669.05.a(3). In the event that the soil/waste cannot

be managed on-site or to a CCDD/USFO within a MSA County, the soil/waste should be managed as a non-special waste.

- Based upon the concentrations of benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, and manganese in the soil sample collected from boring ROW-54 indicates that this soil/waste may be managed on-site, or to a CCDD/USFO within a MSA County, excluding Chicago corporate limits, in accordance with 669.05.a(4). In the event that the soil/waste cannot be managed on-site or to a CCDD/USFO within a MSA County, excluding Chicago corporate limits, the soil/waste should be managed as a non-special waste.
- Based upon the concentrations of benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, carbazole, dibenzo(a,h)anthracene, indeno(1,2,3-cd)pyrene, naphthalene, lead, and/or manganese in the soil samples collected from borings ROW-31, ROW-37, ROW-51, and ROW-53, indicates that this soil/waste should be managed as a non-special waste in accordance with 669.05.a(5).
- Based on the presence of benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, carbazole, dibenzo(a,h)anthracene, indeno(1,2,3-cd)pyrene, naphthalene, lead, and/or manganese detected in borings ROW-1 through ROW-19 and ROW-21 through ROW-58, environmental oversight is recommended during construction activities at this property. It is estimated that environmental oversight and monitoring will be required for 32 days. The estimated cost for this oversight is contained within the lump sum cost of \$38,400.00 that also includes the preparation of RSMDR. Disposal sample cost is estimated to be \$4,925.00 and includes collection and analysis of five samples. Assumptions used to generate these estimates are provided on Table 4-4.
- No further investigation activities are recommended for this property for the purpose of this construction project. However, in the event additional construction activities are planned for this property outside the existing construction limits, additional investigation may be warranted.

5.2 PREVENTION OF ACCELERATED CONTAMINANT MIGRATION

Potentially impacted soils may exist outside the limits of the project ROW near the project area. Therefore, potential methods to prevent the accelerated migration of contaminants were evaluated. Specific actions that may be implemented include source reduction/elimination, limited restrictive barriers, and stormwater runoff controls. These actions are evaluated in the following subsections.

5.2.1 Source Reduction/Elimination

Reduction and/or elimination of the source of apparent contamination will ultimately reduce and/or prevent the further migration of contamination. The source of organics and/or inorganics adjacent to the properties could be associated with fill materials; however, this is unknown. Thus, the specific source cannot be determined definitively based on available information; therefore, source reduction/elimination is not recommended.

5.2.2 Limited Restrictive Barriers

Backfill materials installed surrounding pipe and/or utility lines can provide a pathway for accelerated contaminant migration. Placement of limited restrictive barriers between contaminated material and backfill would minimize or prevent such accelerated migration. The placement of limited restrictive barriers for the purpose of eliminating contaminant migration is not deemed necessary for this project.

5.2.3 Stormwater Runoff Controls

There is a potential for stormwater to become contaminated through contact with soil in excavations or through contact with soil that has been excavated at the properties. To minimize the potential for stormwater to come into contact with potentially impacted soil, all potentially impacted soil should be managed as rapidly as possible.

The USEPA has developed and implemented specific regulations regarding the control of stormwater runoff associated with construction activities (40 CFR 122). Recommended measures that could be used include, but are not limited to, the placement of protective tarps or barriers over inactive excavations and/or associated excavated soil to reduce the volume of stormwater that comes into contact with contaminants. Stormwater that enters into and collects in any excavations can be pumped into secured containers and subsequently disposed. Alternatively, if the schedule of IDOT construction activities is feasible, or if the sequence of activities can be modified allowing the accumulated stormwater in an excavation area to recede into the ground will minimize or eliminate the need to manage and dispose of the water off-site as a special (non-RCRA) waste.

**Table 5-1
 Estimated Disposal Costs for Impacted Soil within IDOT Construction Areas
 General Cost Breakdown for Construction Activities
 Illinois Department of Transportation
 FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
 Will County, Illinois**

Site	Pay Item/Cost per Unit															Total Cost (rounded to the nearest \$100)	
	RSPCP, RSFCR, and On-Site Monitoring of Regulated Substances ^{a,g}		Non-Special Waste Disposal ^b at \$75.00 per cubic yard				CCDD/USFO Disposal in cubic yards ^c			Non-Special Waste Disposal ^d \$75.00 per cubic yard				Volume of Soil to Manage within ROW in cubic yards ^e	Soil Disposal Analysis ^f at \$985.00 each		
	Quantity	Cost (\$)	669.05(a)(1)		669.05(a)(5)		669.05(a)(2)	669.05(a)(3)	669.05(a)(4)	669.05(b)(1)		669.05(b)(2)		669.05(c)	Quantity		Cost (\$)
I-80 ROW (ISGS Site No. 2233V2-1)	1	\$54,400.00	2,124	\$159,300.00	1,146	\$85,950.00	3,446	9,780	282	0	\$0.00	0	\$0.00	0	5	\$4,925.00	\$304,600.00
Total Volumes and Costs		\$54,400.00	2,124	\$159,300.00	1,146	\$85,950.00	3,446	9,780	282	0	\$0.00	0	\$0.00	0	5	\$4,925.00	\$304,600.00

Notes:

^a - This includes the cost to prepare the RSPCP, RSFCR, and RSMDR; and includes costs for daily On-Site Monitoring. See Table 4-4 for a detailed breakdown.

^b - Material must be managed to a non-special waste disposal facility. Transportation and disposal costs for soil are based on 50 mile distance to permitted disposal facility.

^c - The disposal costs for soil in this category are estimated for management to a CCDD facility or USFO as uncontaminated soil. If the soil cannot be managed to a CCDD/USFO facility, the soil should be managed to a permitted landfill as non-special waste.

^d - Although the disposal costs are estimated as a non-special waste, soil in this category may be managed as uncontaminated soil, but may NOT be managed to a CCDD facility or USFO due to pH outside of the acceptable range or elevated PID readings above

^e - The material included for management under 669.05(c) is impacted with manganese at levels less than TACO Tier 1 Soil Remediation Objectives, but greater than MAC Table values. This material should be managed within IDOT ROW or off-site as uncontaminated soil according to Article 202.03. This material may NOT be managed to a CCDD facility of USFO.

^f - Disposal Analysis Methods:

- TCLP Metals - EPA Methods 1311 for extraction, 6010 and 7470.
- TCLP (organics) - EPA Methods 1311 for extraction; 8260 VOCs; 8270 SVOCs; 8081 pesticides; 8151 herbicides.
- PCBs - EPA Method 8082.
- Reactive Sulfide and Cyanide - EPA Method 7.3.4.2/9034 and 7.3.3.2/9014, respectively.
- pH - EPA Method 9040/9045.
- Flashpoint - EPA Method 1010.
- Paint filter - EPA Method 9095.

^g - Duties of the Environmental Monitor:

- * Accurately read, understand and implement engineering contract plans and regulated substances special provisions.
- * Prepare BDE 2730 (Regulated Substances Pre Construction Plan)
- * Measure potential worker exposure to regulated substances in real-time using field instrumentation. Typically, a PID/FID is used but other instruments may be required based on the nature of regulated substances present or suspected
- * Ensure materials management project requirements are being met. This includes accurately delineating areas of regulated substances and the materials excavated are manifested and sent to their proper disposal facilities (CCDD, non-special waste landfill, etc.)
- * Observe and document soil destined for a CCDD to verify materials will meet entrance criteria with respect to VOCs and other forbidden materials, as required under 35 IAC 1100.
- * Identify and communicate environmental impacts that may not have been identified during the PSI.
- * Ensure the regulated substances special provisions are implemented correctly (i.e., monitor and direct project environmental commitments).
- * Notify the RE of any unexpected regulated substances or other conditions that differ from the expected conditions in the special provisions, and engage the district environmental studies unit.
- * Fully and accurately document all field monitoring activities associated with environmental conditions and commitments using IDOT standard form (BDE 2732).
- * Document that soil management was implemented properly and according to the special provision.
- * Prepare BDE 2733 (Regulated Substances Final Construction Report).

APPENDIX A
SOIL BORING LOGS



Boring ROW-1

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 26 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.25589603
 LATITUDE: 41.46250269

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, rootlets, trace gravel	6/6	0.1	Soil sample ROW-1(0-2)-052621 collected from 0 to 2.0 ft bgs.
1			SILTY CLAY: brown, slightly dry-to-slightly moist, soft, low plasticity, trace gravel	6/6	0.2	
2				6/6	0.2	
2			End of boring at 2.0 ft bgs.			Soil sample analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-2

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 27 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.25501222
 LATITUDE: 41.46283718

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, rootlets, gravel	6/6	0.0	Soil sample ROW-2(0-2)-052721 collected from 0 to 2.0 ft bgs. Duplicate sample collected: ROW-2(0-2)-052721D from 0 to 2.0 ft bgs.
1		GP	GRAVEL FILL: tan, dry, with clay and silt	6/6		
2		CL	SILTY CLAY: brown, moist, stiff, low plasticity	6/6	0.0	
2			End of boring at 2.0 ft bgs.			Soil samples analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-3

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 26 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.25400165
 LATITUDE: 41.46259889

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, rootlets, trace gravel	6/6	0.0	Soil sample ROW-3(0-2)-052621 collected from 0 to 2.0 ft bgs.
1			SILTY CLAY: brown, slightly moist, stiff, low plasticity	6/6	0.0	
2			End of boring at 2.0 ft bgs.			
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-4

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 27 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.25365392
 LATITUDE: 41.46292455

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, rootlets, gravel	6/6	0.0	Soil sample ROW-4(0-2)-052721 collected from 0 to 2.0 ft bgs.
1		GP	GRAVEL FILL	6/6		
2		CL	SILTY CLAY: brown, slightly moist, stiff, low plasticity, trace gravel	6/6	0.0	
2			End of boring at 2.0 ft bgs.			Soil sample analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-5

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 26 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.25277003
 LATITUDE: 41.46273114

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, rootlets, trace gravel			
1		CL	SILTY CLAY: brown, moist, stiff, low plasticity, rootlets	6/6	0.0	Soil sample ROW-5(0-2)-052621 collected from 0 to 2.0 ft bgs.
2			As above, tan-to-brown	6/6	0.0	
2		End of boring at 2.0 ft bgs.			Soil sample analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.	
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-6

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 27 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.25142335
 LATITUDE: 41.46331147

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, rootlets, trace gravel	6/6	0.0	Soil sample ROW-6(0-2)-052721 collected from 0 to 2.0 ft bgs.
1		GP	GRAVEL FILL	6/6		
2		CL	SILTY CLAY: brown, moist, stiff, low plasticity, trace gravel	6/6	0.0	
2			End of boring at 2.0 ft bgs.			Soil sample analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-7

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 26 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.25036176
 LATITUDE: 41.46326836

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, rootlets, trace gravel	6/6	0.0	Soil sample ROW-7(0-2)-052621 collected from 0 to 2.0 ft bgs.
1			SILTY CLAY: tan-to-brown, moist, stiff, low plasticity, trace gravel	6/6		
2		CL		6/6	0.0	
2			End of boring at 2.0 ft bgs.			Soil sample analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-8

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 27 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.24944635
 LATITUDE: 41.46391048

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, rootlets, trace gravel			
1		GP	GRAVEL FILL	6/6	0.0	Soil sample ROW-8(0-2)-052721 collected from 0 to 2.0 ft bgs.
2		CL	SILTY CLAY: brown, moist, stiff, low plasticity, trace gravel	6/6	0.0	
2			End of boring at 2.0 ft bgs.			
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-9

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 26 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.24856866
 LATITUDE: 41.46391915

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, roots, trace gravel			
1		GP	GRAVEL FILL: tan, moist-to-wet, fine gravel, fine-to-coarse grained sand	6/6	0.0	Soil sample ROW-9(0-2)-052621 collected from 0 to 2.0 ft bgs.
1		CL	SILTY CLAY: brown, moist, stiff, low plasticity, trace gravel	6/6		
2	CL		6/6	0.0		
2			End of boring at 2.0 ft bgs.			Soil sample analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-10

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 27 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.24835909
 LATITUDE: 41.46367224

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, rootlets, gravel			Soil sample ROW-10(0-2)-052721 collected from 0 to 2.0 ft bgs.
1		GP	GRAVEL FILL: with silt and fine-to-coarse grained sand	6/6	0.0	
2		CL	SILTY CLAY: brown, moist, stiff, low plasticity, with gravel	6/6	0.0	
2			End of boring at 2.0 ft bgs.			Soil sample analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-11

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 26 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.24757828
 LATITUDE: 41.46438128

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, rootlets, trace gravel	6/6	0.0	Soil sample ROW-11(0-2)-052621 collected from 0 to 2.0 ft bgs.
1			SILTY CLAY: tan, moist, stiff, low plasticity, trace gravel	6/6		
2				6/6	0.0	
2			End of boring at 2.0 ft bgs.			Soil sample analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-12

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 27 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.24685961
 LATITUDE: 41.46517593

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, rootlets, gravel			Soil sample ROW-12(0-2)-052721 collected from 0 to 2.0 ft bgs.
1		GP	GRAVEL FILL	6/6	0.0	
2		CL	SILTY CLAY: brown, moist, stiff, low plasticity	6/6	0.0	
2			End of boring at 2.0 ft bgs.			Soil sample analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-13

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 26 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.24587256
 LATITUDE: 41.46541706

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, rootlets, trace gravel	6/6	0.0	Soil sample ROW-13(0-2)-052621 collected from 0 to 2.0 ft bgs.
1			SILTY CLAY: brown, moist, stiff, low plasticity, trace gravel	6/6		
2				6/6	0.0	
2			End of boring at 2.0 ft bgs.			Soil sample analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-14

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 27 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.24544547
 LATITUDE: 41.46618039

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		GP	TOPSOIL: brown, dry, loose, rootlets, trace gravel	6/6	0.0	Soil sample ROW-14(0-2)-052721 collected from 0 to 2.0 ft bgs.
1			GRAVEL FILL			
2			SILTY CLAY: brown, moist, stiff, low plasticity, trace gravel			
2		CL	End of boring at 2.0 ft bgs.			Soil sample analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-15

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 26 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.24425391
 LATITUDE: 41.46676734

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, rootlets, trace gravel	6/6	0.0	Soil sample ROW-15(0-2)-052621 collected from 0 to 2.0 ft bgs.
1			SILTY CLAY: tan, moist, stiff, low plasticity, trace gravel	6/6		
2				6/6	0.0	
2			End of boring at 2.0 ft bgs.			Soil sample analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-16

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 27 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.24398372
 LATITUDE: 41.46756562

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	SILTY CLAY: brown, moist, stiff, low plasticity, trace gravel	6/6	0.0	Soil sample ROW-16(0-2)-052721 collected from 0 to 2.0 ft bgs.
1			GRAVEL FILL			
2			SILTY CLAY: brown, moist, stiff, low plasticity, trace gravel			
2		CL	End of boring at 2.0 ft bgs.			Soil sample analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-17

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 26 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.24311866
 LATITUDE: 41.46792812

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, roots, trace gravel	6/6	0.0	Soil sample ROW-17(0-2)-052621 collected from 0 to 2.0 ft bgs.
1			SILTY CLAY: tan, moist, stiff, low plasticity	6/6		
2				6/6	0.0	
2			End of boring at 2.0 ft bgs.			Soil sample analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-18

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 27 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.24300253
 LATITUDE: 41.46856108

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, roots, trace gravel			
0.5		GP	GRAVEL FILL	6/6	0.0	
1.0		CL	SILTY CLAY: brown, moist, stiff, low plasticity, trace gravel	6/6	0.0	Soil sample ROW-18(0-2)-052721 collected from 0 to 2.0 ft bgs. Duplicate sample collected: ROW-18(0-2)-052721D from 0 to 2.0 ft bgs.
2			End of boring at 2.0 ft bgs.			Soil samples analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-19

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 26 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.24236908
 LATITUDE: 41.46868978

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, roots, trace gravel	6/6	0.0	Soil sample ROW-19(0-2)-052621 collected from 0 to 2.0 ft bgs. Duplicate sample collected: ROW-19(0-2)-052621D from 0 to 2.0 ft bgs.
1			SILTY CLAY: tan-to-brown, moist, stiff, low plasticity, trace gravel	6/6	0.0	
2			End of boring at 2.0 ft bgs.			Soil samples analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-20

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 27 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.24223949
 LATITUDE: 41.46932487

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, roots, trace gravel			Soil sample ROW-20(0-2)-052721 collected from 0 to 2.0 ft bgs.
1		GP	GRAVEL FILL	6/6	0.0	
2		CL	SILTY CLAY: brown, moist, stiff, low plasticity	6/6	0.0	
2			End of boring at 2.0 ft bgs.			Soil sample analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-21

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 26 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.24159208
 LATITUDE: 41.4694929

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, roots, trace gravel			Soil sample ROW-21(0-2)-052621 collected from 0 to 2.0 ft bgs.
1		GP	SAND and GRAVEL: tan-to-white, dry, fine-to-coarse grained sand, fine gravel	6/6	0.0	
2		CL	SILTY CLAY: tan-to-brown, moist, stiff, low plasticity	6/6	0.0	
2			End of boring at 2.0 ft bgs.			Soil sample analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-22

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 27 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.24101957
 LATITUDE: 41.47057523

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, roots, gravel			Soil sample ROW-22(0-2)-052721 collected from 0 to 2.0 ft bgs.
1		GP	GRAVEL FILL	6/6	0.0	
2		CL	SILTY CLAY: brown, moist, stiff, low plasticity, trace gravel	6/6	0.0	
2			End of boring at 2.0 ft bgs.			Soil sample analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-23

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 26 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.24022558
 LATITUDE: 41.47088016

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, roots, trace gravel			Soil sample ROW-23(0-2)-052621 collected from 0 to 2.0 ft bgs.
1		GP	GRAVEL FILL	6/6	0.0	
2		CL	SILTY CLAY: brown, moist, stiff, low plasticity, trace gravel	6/6	0.0	
2			End of boring at 2.0 ft bgs.			Soil sample analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-24

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 27 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.24017072
 LATITUDE: 41.47144795

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, roots, gravel			Soil sample ROW-24(0-2)-052721 collected from 0 to 2.0 ft bgs.
1		GP	GRAVEL FILL	6/6	0.0	
2		CL	SILTY CLAY: brown, moist, stiff, low plasticity, trace gravel	6/6	0.0	
2			End of boring at 2.0 ft bgs.			Soil sample analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-25

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 26 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.23906775
 LATITUDE: 41.47204817

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, roots, trace gravel	6/6	0.0	Soil sample ROW-25(0-2)-052621 collected from 0 to 2.0 ft bgs.
1			SILTY CLAY: tan, moist, stiff, low plasticity, trace gravel	6/6		
2				6/6	0.0	
2			End of boring at 2.0 ft bgs.			Soil sample analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-26

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 27 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.23884132
 LATITUDE: 41.47281372

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, roots, gravel			Soil sample ROW-26(0-2)-052721 collected from 0 to 2.0 ft bgs.
1		GP	GRAVEL FILL	6/6	0.0	
2		CL	SILTY CLAY: brown, moist, stiff, low plasticity, trace gravel	6/6	0.0	
2			End of boring at 2.0 ft bgs.			Soil sample analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-27

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 26 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.23797516
 LATITUDE: 41.47315663

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, roots, trace gravel	6/6	0.0	Soil sample ROW-27(0-2)-052621 collected from 0 to 2.0 ft bgs.
1			SILTY CLAY: brown, moist, stiff, low plasticity, trace gravel	6/6	0.0	
2			End of boring at 2.0 ft bgs.			Soil sample analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-28

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 27 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.23779611
 LATITUDE: 41.47386375

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, roots, gravel			
0.5		GP	GRAVEL FILL	6/6	0.0	
1		CL	SILTY CLAY: brown, moist, stiff, low plasticity, trace gravel	6/6		Soil sample ROW-28(0-2)-052721 collected from 0 to 2.0 ft bgs.
2			End of boring at 2.0 ft bgs.			Soil sample analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-29

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 26 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.2368884
 LATITUDE: 41.47426131

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, roots, trace gravel			
0.5		GP	GRAVEL FILL	6/6	0.0	
1.0		CL	SILTY CLAY: brown, moist, stiff, low plasticity	6/6		Soil sample ROW-29(0-2)-052621 collected from 0 to 2.0 ft bgs.
2.0			End of boring at 2.0 ft bgs.	6/6	0.0	Soil sample analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-30

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 27 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.23674704
 LATITUDE: 41.47493855

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, roots, gravel			Soil sample ROW-30(0-2)-052721 collected from 0 to 2.0 ft bgs.
1		GP	GRAVEL FILL: trace asphalt	6/6	0.0	
2		CL	SILTY CLAY: brown, moist, stiff, low plasticity, trace gravel	6/6	0.0	
2			End of boring at 2.0 ft bgs.			Soil sample analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-31

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 26 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.23584208
 LATITUDE: 41.47532581

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, roots, trace gravel			
0.5		GP	GRAVEL FILL	6/6	0.0	
1.0		CL	SILTY CLAY: brown, moist, stiff, low plasticity, trace gravel	6/6		Soil sample ROW-31(0-2)-052621 collected from 0 to 2.0 ft bgs.
2.0			End of boring at 2.0 ft bgs.	6/6	0.0	Soil sample analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-32

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 27 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.23581144
 LATITUDE: 41.47588341

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, roots, gravel			Soil sample ROW-32(0-2)-052721 collected from 0 to 2.0 ft bgs.
1		GP	GRAVEL FILL	6/6	0.0	
2		CL	SILTY CLAY: brown, moist, stiff, low plasticity	6/6	0.0	
2			End of boring at 2.0 ft bgs.			Soil sample analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-33

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 26 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.23510442
 LATITUDE: 41.47607614

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, roots, trace gravel			Soil sample ROW-33(0-2)-052621 collected from 0 to 2.0 ft bgs.
0.5			SILTY CLAY: brown, moist, stiff, low plasticity, trace gravel	6/6	0.0	
2.0				6/6	0.0	
2			End of boring at 2.0 ft bgs.			Soil sample analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-34

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 27 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.23488536
 LATITUDE: 41.47684871

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, roots, gravel	6/6	0.0	Soil sample ROW-34(0-2)-052721 collected from 0 to 2.0 ft bgs.
1			SILTY CLAY: brown, moist, stiff, low plasticity, trace gravel	6/6		
2				6/6	0.0	
2			End of boring at 2.0 ft bgs.			Soil sample analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-35

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 26 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.23384394
 LATITUDE: 41.47736746

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, roots, trace gravel	6/6	0.0	Soil sample ROW-35(0-2)-052621 collected from 0 to 2.0 ft bgs.
1			SILTY CLAY: brown, moist, stiff, low plasticity, trace gravel	6/6	0.0	
2			End of boring at 2.0 ft bgs.			Soil sample analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-36

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 27 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.2335289
 LATITUDE: 41.47821861

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, roots, gravel			Soil sample ROW-36(0-2)-052721 collected from 0 to 2.0 ft bgs.
1		GP	GRAVEL FILL	6/6	0.0	
2		CL	SILTY CLAY: brown, moist, stiff, low plasticity	6/6	0.0	
2			End of boring at 2.0 ft bgs.			Soil sample analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-37

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 26 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.2325867
 LATITUDE: 41.4786197

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, roots, trace gravel	6/6	0.0	Soil sample ROW-37(0-2)-052621 collected from 0 to 2.0 ft bgs.
1			SILTY CLAY: brown, moist, stiff, low plasticity, trace gravel	6/6		
2				6/6	0.0	
2			End of boring at 2.0 ft bgs.			Soil sample analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-38

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 27 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.23222579
 LATITUDE: 41.47953439

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, roots, gravel			
0.5		GP	GRAVEL FILL	6/6	0.0	
1.0		CL	SILTY CLAY: brown, moist, stiff, low plasticity	6/6	0.0	Soil sample ROW-38(0-2)-052721 collected from 0 to 2.0 ft bgs. Duplicate sample collected: ROW-38(0-2)-052721D from 0 to 2.0 ft bgs.
2.0			End of boring at 2.0 ft bgs.			Soil samples analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3.0						
4.0						
5.0						
6.0						
7.0						
8.0						
9.0						
10.0						
11.0						



Boring ROW-39

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 26 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.23130084
 LATITUDE: 41.47993114

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, roots, trace gravel	6/6	0.0	Soil sample ROW-39(0-2)-052621 collected from 0 to 2.0 ft bgs. Duplicate sample collected: ROW-39(0-2)-052621D from 0 to 2.0 ft bgs.
1			SILTY CLAY: brown, moist, stiff, low plasticity, trace gravel	6/6	0.0	
2			End of boring at 2.0 ft bgs.			Soil samples analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-40

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 27 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.23124851
 LATITUDE: 41.48051557

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, roots, gravel			Soil sample ROW-40(0-2)-052721 collected from 0 to 2.0 ft bgs.
1		GP	GRAVEL FILL: with sand	6/6	0.0	
2		CL	SILTY CLAY: brown, moist, stiff, low plasticity, trace gravel	6/6	0.0	
2			End of boring at 2.0 ft bgs.			Soil sample analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-41

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 26 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.23044227
 LATITUDE: 41.48080493

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, roots, trace gravel	6/6	0.0	Soil sample ROW-41(0-2)-052621 collected from 0 to 2.0 ft bgs.
1			SILTY CLAY: brown, moist, stiff, low plasticity, trace gravel	6/6	0.0	
2			End of boring at 2.0 ft bgs.			Soil sample analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-42

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 27 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.23022409
 LATITUDE: 41.48156757

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, roots, gravel			Soil sample ROW-42(0-2)-052721 collected from 0 to 2.0 ft bgs.
1		GP	GRAVEL FILL	6/6	0.0	
2		CL	SILTY CLAY: brown, moist, stiff, low plasticity, trace gravel	6/6	0.0	
2			End of boring at 2.0 ft bgs.			Soil sample analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-43

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 26 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.22914605
 LATITUDE: 41.48206957

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, roots, trace gravel			
0.5		GP	GRAVEL FILL	6/6	0.0	
1		CL	SILTY CLAY: brown, moist, stiff, low plasticity, trace gravel	6/6		Soil sample ROW-43(0-2)-052621 collected from 0 to 2.0 ft bgs.
2		CL		6/6	0.0	
2			End of boring at 2.0 ft bgs.			Soil sample analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-44

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 27 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.22899618
 LATITUDE: 41.4826652

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, roots, gravel			Soil sample ROW-44(0-2)-052721 collected from 0 to 2.0 ft bgs.
1		GP	GRAVEL FILL: with sand	6/6	0.0	
2		CL	SILTY CLAY: brown, moist, stiff, low plasticity	6/6	0.0	
2			End of boring at 2.0 ft bgs.			Soil sample analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-45

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 26 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.22807467
 LATITUDE: 41.48289105

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, roots, trace gravel			
0.5		GP	GRAVEL FILL	6/6	0.0	
1.0		CL	SILTY CLAY: brown, moist, stiff, low plasticity, trace gravel, trace roots	6/6		Soil sample ROW-45(0-2)-052621 collected from 0 to 2.0 ft bgs.
2.0			End of boring at 2.0 ft bgs.	6/6	0.0	
3.0						Soil sample analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
4.0						
5.0						
6.0						
7.0						
8.0						
9.0						
10.0						
11.0						



Boring ROW-46

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 27 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.22762325
 LATITUDE: 41.48360388

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, roots, gravel			Soil sample ROW-46(0-2)-052721 collected from 0 to 2.0 ft bgs.
1		GP	GRAVEL FILL: with sand	6/6	0.0	
2		CL	SILTY CLAY: brown, slightly moist, stiff, low plasticity	6/6	0.0	
2			End of boring at 2.0 ft bgs.			Soil sample analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-47

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 26 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.22648764
 LATITUDE: 41.48382244

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, roots, trace gravel	6/6	0.0	Soil sample ROW-47(0-2)-052621 collected from 0 to 2.0 ft bgs.
1			SILTY CLAY: brown, moist, stiff, low plasticity, trace gravel	6/6		
2				6/6	0.0	
2			End of boring at 2.0 ft bgs.			Soil sample analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-48

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 27 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.22620274
 LATITUDE: 41.48436313

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, roots, gravel			Soil sample ROW-48(0-2)-052721 collected from 0 to 2.0 ft bgs.
1		GP	GRAVEL FILL: with sand	6/6	0.0	
2		CL	SILTY CLAY: brown, moist, stiff, low plasticity, trace gravel	6/6	0.0	
2			End of boring at 2.0 ft bgs.			Soil sample analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-49

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 26 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.22543339
 LATITUDE: 41.48430496

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, roots, trace gravel			
0.5		GP	GRAVEL FILL	6/6	0.0	
1.0		CL	SILTY CLAY: brown, moist, stiff, low plasticity, trace roots	6/6		Soil sample ROW-49(0-2)-052621 collected from 0 to 2.0 ft bgs.
2.0			End of boring at 2.0 ft bgs.	6/6	0.0	
3.0						Soil sample analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
4.0						
5.0						
6.0						
7.0						
8.0						
9.0						
10.0						
11.0						



Boring ROW-50

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 27 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.22492704
 LATITUDE: 41.48488032

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, roots, gravel			Soil sample ROW-50(0-2)-052721 collected from 0 to 2.0 ft bgs.
1		GP	GRAVEL FILL	6/6	0.0	
2		CL	SILTY CLAY: brown, moist, stiff, low plasticity, trace gravel	6/6	0.0	
2			End of boring at 2.0 ft bgs.			Soil sample analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-51

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 26 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.22392555
 LATITUDE: 41.48484298

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, roots, trace gravel			
1		GP	GRAVEL FILL	6/6	0.0	Soil sample ROW-51(0-2)-052621 collected from 0 to 2.0 ft bgs.
2		CL	SILTY CLAY: brown, moist, stiff, low plasticity	6/6	0.0	
2			End of boring at 2.0 ft bgs.			Soil sample analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-52

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 27 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.22270718
 LATITUDE: 41.48552131

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, roots, gravel			Soil sample ROW-52(0-2)-052721 collected from 0 to 2.0 ft bgs.
1		GP	GRAVEL FILL: with sand	6/6	0.0	
2		CL	SILTY CLAY: brown-to-black, moist, stiff, nonplastic, trace gravel	6/6	0.0	
2			End of boring at 2.0 ft bgs.			Soil sample analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-53

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 26 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.22175689
 LATITUDE: 41.48533144

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, roots, trace gravel			
0.5		GP	GRAVEL FILL	6/6	0.0	
1.0		CL	SILTY CLAY: brown, moist, stiff, low plasticity, trace gravel	6/6		Soil sample ROW-53(0-2)-052621 collected from 0 to 2.0 ft bgs.
2.0			End of boring at 2.0 ft bgs.	6/6	0.0	Soil sample analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-54

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 27 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.22108631
 LATITUDE: 41.48579957

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, roots, gravel			Soil sample ROW-54(0-2)-052721 collected from 0 to 2.0 ft bgs.
1		GP	GRAVEL FILL: with sand	6/6	0.0	
2		CL	SILTY CLAY: brown, moist, stiff, low plasticity	6/6	0.0	
2			End of boring at 2.0 ft bgs.			Soil sample analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-55

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 26 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.22033765
 LATITUDE: 41.48550346

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, roots, trace gravel			
0.5		GP	GRAVEL FILL	6/6	0.0	Soil sample ROW-55(0-2)-052621 collected from 0 to 2.0 ft bgs.
1.5		CL	SILTY CLAY: brown, moist, stiff, low plasticity, trace gravel	6/6	0.0	
2			End of boring at 2.0 ft bgs.			Soil sample analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-56

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 27 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.21968868
 LATITUDE: 41.48592705

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, roots, trace gravel			
1			GRAVEL FILL: dry	6/6	0.0	Soil sample ROW-56(0-2)-052721 collected from 0 to 2.0 ft bgs.
2		GP		6/6	0.0	
2		End of boring at 2.0 ft bgs.			Soil sample analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.	
3						
4						
5						
6						
7						
8						
9						
10						
11						



Boring ROW-57

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 26 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.21876255
 LATITUDE: 41.48555988

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, roots, trace gravel			
0.5		GP	GRAVEL FILL	6/6	0.0	
1.0		CL	SILTY CLAY: brown, moist, stiff, low plasticity, trace gravel	6/6		Soil sample ROW-57(0-2)-052621 collected from 0 to 2.0 ft bgs.
2.0			End of boring at 2.0 ft bgs.	6/6	0.0	
3.0						Soil sample analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
4.0						
5.0						
6.0						
7.0						
8.0						
9.0						
10.0						
11.0						



Boring ROW-58

PROJECT INFORMATION

IDOT Job No. 019
 FAI 80 - Interstate 80 (I-80)
 From Ridge Road to US Route 30
 Will County, Illinois

DRILLING INFORMATION

DATE: 27 May 2021
 METHOD: Hand Auger
 TOTAL DEPTH: 2' bgs
 WESTON GEOSCIENTIST: T. Oberman

DRILLER: C. Pence
 SURFACE: Topsoil
 LONGITUDE: -88.21776894
 LATITUDE: 41.48596631

DEPTH (feet)	LITHOLOGY	USCS	DESCRIPTION	REC. (in/in)	PID (ppm)	REMARKS
0		CL	TOPSOIL: brown, dry, loose, roots, trace gravel			
1		GP	GRAVEL FILL	6/6	0.0	Soil sample ROW-58(0-2)-052721 collected from 0 to 2.0 ft bgs. Duplicate sample collected: ROW-58(0-2)-052721D from 0 to 2.0 ft bgs.
2		CL	SILTY CLAY: tan, slightly moist, stiff, nonplastic	6/6	0.0	
2			End of boring at 2.0 ft bgs.			Soil samples analyzed for: VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3						
4						
5						
6						
7						
8						
9						
10						
11						

APPENDIX B

UNCONTAMINATED SOIL CERTIFICATIONS – IEPA FORM LPC-663



Illinois Environmental Protection Agency

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

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

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

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

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

I. Source Location Information

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

Project Name: FAI 80 - Interstate 80 (I-80) from Ridge Rd to the Du Office Phone Number, if available: _____

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

Mile Marker 122.5 to Mile Marker 125.5, Interstate 80 (ISGS SITE NO. 2233V2-1)

City: _____ State: IL Zip Code: _____

County: Will Township: _____

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

Latitude: 41.47426 Longitude: - 88.23688
(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.): 13,835

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)]:

ROW-1, 2, 4, 5, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17, 18, 19, 20, 23, 24, 25, 26, 27, 28, 29, 30, 33, 34, 35, 36, 38, 39, 40, 41, 42, 43, 45, 46, 47, 48, 49, 50, 52, 54, 55, 56, 57, AND 58 WERE SAMPLED ADJACENT TO ISGS SITE No. 2233V2-1. SEE FIGURES 3-1 TO 3-13 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 REPORTS - JOB ID: 500-199752-1, 500-199753-1, 500-199832-1, AND 500-199833-1. ALSO SEE FIGURES 4-1 THROUGH 4-13 OF THE FINAL PRELIMINARY SITE INVESTIGATION REPORT.

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

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

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

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

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

Michael A. Castillo
Licensed Professional Engineer or
Licensed Professional Geologist Signature:

15 September 2021
Date:



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

Summary Table of ISGS Site No. 2233V2-1
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-1	ROW-2	ROW-2	ROW-4	ROW-5	ROW-7	ROW-8	ROW-9	Soil Reference Concentrations ^A
Sample Date	5/26/2021	5/27/2021	5/27/2021	5/27/2021	5/26/2021	5/26/2021	5/27/2021	5/26/2021	
Field Sample ID	ROW-1(0-2)-052621	ROW-2(0-2)-052721	ROW-2(0-2)-052721D	ROW-4(0-2)-052721	ROW-5(0-2)-052621	ROW-7(0-2)-052621	ROW-8(0-2)-052721	ROW-9(0-2)-052621	
Lab Sample ID	500-199752-1	500-199833-12	500-199833-13	500-199833-11	500-199752-3	500-199752-4	500-199833-9	500-199752-5	
ISGS Site Number	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1	
Parameters									
Laboratory pH (s.u.)	8.5	8.8	8.6	8.8	8.5	8.6	8.6	8.7	<6.25; >9.0
VOCs (mg/kg)									
Methylene chloride	ND	ND	ND	ND	ND	ND	ND	ND	0.02
Xylene (Total)	ND	ND	ND	ND	ND	ND	ND	ND	5.6
SVOCs (mg/kg)									
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	26
2-Methylnaphthalene	0.013 J	ND	ND	ND	ND	ND	ND	ND	---
Acenaphthene	0.03 J	ND	ND	ND	ND	0.014 J	ND	ND	570
Acenaphthylene	0.0071 J	0.014 J	0.0092 J	0.01 J	ND	ND	0.0065 J	ND	---
Anthracene	0.099	0.018 J	0.035 J	0.012 J	0.034 J	0.06	ND	0.046	12000
Benzo(a)anthracene	0.37 J	0.11	0.12	0.079 J	0.024 J	0.11	0.035 J	0.14	0.9 / 1.1 / 1.8
Benzo(a)pyrene	0.43 J	0.15 J	0.15	0.11 J	0.03 J	0.15	0.054	0.24	0.09 / 1.3 / 2.1
Benzo(b)fluoranthene	0.72 J	0.24 J	0.21	0.18 J	0.047	0.23	0.071	0.42	0.9 / 1.5 / 2.1
Benzo(g,h,i)perylene	0.13 J	0.05 J	0.05	ND	0.047	0.062	ND	0.08	---
Benzo(k)fluoranthene	0.3 J	0.073 J	0.079	0.066 J	0.015 J	0.091	0.037 J	0.13	9
bis(2-Ethylhexyl)phthalate	0.074 J	ND	ND	0.074 J	ND	ND	ND	ND	46
Butyl benzyl phthalate	0.36 J	ND	ND	ND	ND	ND	ND	ND	930
Carbazole	0.18 J	ND	ND	ND	0.15 J	0.15 J	ND	0.16 J	0.6
Chrysene	0.43 J	0.13	0.13	0.11 J	0.035 J	0.12	0.039 J	0.2	88
Dibenzo(a,h)anthracene	0.045 J	ND	ND	ND	0.0077 J	0.013 J	ND	0.022 J	0.09 / 0.2 / 0.42
Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	---
Dimethyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	---
Di-N-Butyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	2300
Fluoranthene	0.82 J	0.16	0.24	0.13	0.073	0.25	0.037 J	0.31	3100
Fluorene	0.054	ND	0.012 J	ND	ND	0.039	ND	0.035 J	560
Indeno(1,2,3-cd)pyrene	0.12 J	0.048 J	0.039	0.052 J	0.018 J	0.045	ND	0.058	0.9 / 0.9 / 1.6
Naphthalene	0.017 J	ND	ND	ND	ND	ND	ND	ND	1.8
Phenanthrene	0.43	0.053 J	0.14 J	0.054	0.055	0.17	0.012 J	0.11	---
Phenol	ND	ND	ND	ND	ND	ND	ND	ND	100
Pyrene	1.2 J	0.24	0.25	0.24 J	0.047	0.22	0.048	0.33	2300
Total Metals (mg/kg)									
Antimony, Total	0.56 J	0.67 J	0.47 J	0.49 J	0.85 J	0.93 J	0.76 J	0.72 J	5
Arsenic, Total	5.5	5.6	5.5	2.6	8.4	8	7.3	7.1	11.3 / 13
Barium, Total	59 J	64	63	28	63	81	83	49	1500
Beryllium, Total	0.62	0.66	0.61	0.41	0.83	0.76	0.75	0.74	22
Cadmium, Total	0.57 B	0.39 B	0.37 J	0.25 J	0.14 J	0.42 B	0.26 J	0.33 J	5.2
Calcium, Total	75000 J	69000 B	71000 B	150000 B	20000 B	62000 B	32000 B	69000 B	---
Chromium, Total	18	16	14	8.9	19	23	18	19	21
Cobalt, Total	7.3	8.1	7.7	3.5	10	13	12	11	20
Copper, Total	26 J	17	15	11	18	25	23	21	2900
Iron, Total	19000 J	14000	13000	9100	19000 B	20000 B	16000	17000 B	15000 / 15900
Lead, Total	99	78	93	33	16	33	55	25	107
Magnesium, Total	43000 J	31000	34000	91000	13000 B	25000 B	21000	30000 B	325000
Manganese, Total	400 B	460	390	350	310 B	460 B	480	390 B	630 / 636
Mercury, Total	0.054	0.029	0.026	0.024	0.02	0.027	0.027	0.018 J	0.89
Nickel, Total	19	18	16	8.8	24	29	20	27	100
Potassium, Total	1400 J	1200	1300	1000	2100	2100	1300	2700	---
Selenium, Total	ND	ND	ND	ND	0.57 J	ND	0.39 J	0.43 J	1.3
Silver, Total	0.29 J	0.37	0.38	0.19 J	0.45	0.45	0.42	0.41	4.4
Sodium, Total	1200	1800	1500	520	3000	2100	2200	1900	---
Thallium, Total	ND	ND	ND	ND	ND	ND	ND	ND	2.6
Vanadium, Total	20	22	21	11	33	26	28	23	550
Zinc, Total	130	92	84	46	58	100	67	83	5100
TCLP Metals (mg/l)									
Arsenic, TCLP	ND	ND	ND	ND	ND	ND	ND	ND	0.05
Barium, TCLP	0.44 J	0.59	0.59	0.42 J	0.44 J	0.46 J	0.56	0.39 J	2.0
Beryllium, TCLP	ND	ND	ND	ND	ND	ND	ND	ND	0.004
Cadmium, TCLP	0.0026 J	ND	ND	ND	ND	ND	ND	ND	0.005
Chromium, TCLP	ND	ND	ND	ND	ND	ND	ND	ND	0.1
Cobalt, TCLP	ND	ND	ND	ND	ND	ND	ND	ND	1.00
Copper, TCLP	ND	ND	ND	ND	ND	ND	0.027	ND	0.65
Iron, TCLP	ND	ND	ND	ND	ND	ND	ND	ND	5.0
Lead, TCLP	0.0098	ND	ND	0.0084	ND	ND	0.016	ND	0.0075
Manganese, TCLP	0.97	1.3	1.2	1.3	0.68	0.29	0.94	0.74	0.15
Mercury, TCLP	ND	ND	ND	ND	ND	ND	ND	ND	0.002
Nickel, TCLP	ND	ND	ND	ND	ND	ND	ND	ND	0.1
Selenium, TCLP	ND	ND	ND	ND	ND	ND	ND	ND	0.05
Silver, TCLP	ND	ND	ND	ND	ND	ND	ND	ND	0.05
Zinc, TCLP	0.099 J	0.04 J	0.033 J	0.072 J	ND	0.038 J	0.11 J	0.041 J	5.0
SPLP Metals (mg/l)									
Arsenic, SPLP	0.044 J	0.073	0.062	0.05	0.11	0.06	0.036 J	0.1	0.05
Barium, SPLP	0.36 J	0.97	0.84 J	0.44 J	0.61	0.49 J	0.54	0.51	2.0
Beryllium, SPLP	0.0055	0.0095	0.0083	0.0063	0.0099	0.0068	0.005	0.0095	0.004
Cadmium, SPLP	ND	ND	ND	ND	ND	ND	ND	ND	0.005
Chromium, SPLP	0.11	0.21	0.18	0.13	0.2	0.15	0.12	0.19	0.1
Cobalt, SPLP	0.028	0.055	0.048	0.033	0.066	0.047	0.027	0.061	1.0
Copper, SPLP	0.12	0.19	0.17	0.13	0.24	0.18	0.12	0.24	0.65
Iron, SPLP	110	210	180	130	220	140	100	200	5.0
Lead, SPLP	0.21	0.28	0.27 J	0.25	0.15	0.23	0.23	0.17	0.0075
Manganese, SPLP	0.54	1.1	0.96 J	0.62	0.83	0.68	0.78	0.83	0.15
Mercury, SPLP	ND	ND	ND	ND	ND	ND	ND	ND	0.002
Nickel, SPLP	0.11	0.2	0.17	0.12	0.24	0.15	0.1	0.22	0.1
Selenium, SPLP	ND	ND	ND	ND	ND	ND	ND	ND	0.05
Silver, SPLP	ND	ND	ND	ND	ND	ND	ND	ND	0.05
Zinc, SPLP	0.51	0.79	0.69 J	0.48 J	0.62	0.64	0.47 J	0.68	5.0

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.

Summary Table of ISGS Site No. 2233V2-1
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-10	ROW-11	ROW-12	ROW-14	ROW-15	ROW-16	ROW-17	ROW-18	Soil Reference Concentrations ^A
Sample Date	5/27/2021	5/26/2021	5/27/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021	
Field Sample ID	ROW-10(0-2)-052721	ROW-11(0-2)-052621	ROW-12(0-2)-052721	ROW-14(0-2)-052721	ROW-15(0-2)-052621	ROW-16(0-2)-052721	ROW-17(0-2)-052621	ROW-18(0-2)-052721	
Lab Sample ID	500-199833-8	500-199752-6	500-199833-7	500-199833-6	500-199752-8	500-199833-5	500-199752-9	500-199833-3	
ISGS Site Number	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1	
Parameters									
Laboratory pH (s.u.)	8.5	8.9	8.6	8.8	8.4	8.0	8.3	8.4	<6.25; >9.0
VOCs (mg/kg)									
Methylene chloride	ND	ND	ND	ND	ND	ND	ND	ND	0.02
Xylene (Total)	ND	ND	ND	ND	ND	ND	ND	ND	5.6
SVOCs (mg/kg)									
2,4,5-Trichlorophenol	ND	0.13 J	ND	ND	ND	ND	ND	ND	26
2-Methylnaphthalene	0.016 J	ND	0.013 J	ND	ND	ND	ND	0.023 J	---
Acenaphthene	0.0082 J	ND	0.016 J	ND	0.0084 J	ND	0.0071 J	0.017 J	570
Acenaphthylene	0.075	0.0087 J	0.011 J	0.015 J	ND	ND	0.014 J	0.024 J	---
Anthracene	0.047	0.04	0.047	0.027 J	0.04	ND	0.05	0.038	12000
Benzo(a)anthracene	0.25	0.077	0.22 J	0.14 J	0.04	0.018 J	0.15	0.19 J	0.9 / 1.1 / 1.8
Benzo(a)pyrene	0.37 J	0.11	0.25 J	0.17 J	0.058	0.015 J	0.23 J	0.26 J	0.09 / 1.3 / 2.1
Benzo(b)fluoranthene	0.56 J	0.18	0.42 J	0.24 J	0.089	0.022 J	0.4 J	0.48 J	0.9 / 1.5 / 2.1
Benzo(g,h,i)perylene	0.13 J	0.051	0.27 J	ND	0.044	ND	0.093 J	0.23 J	---
Benzo(k)fluoranthene	0.21 J	0.054	0.19 *3	0.094 J	0.031 J	ND	0.15 J	0.18 J	9
bis(2-Ethylhexyl)phthalate	0.1 J	ND	0.44 J	0.15 J	ND	ND	ND	0.21 J	46
Butyl benzyl phthalate	ND	ND	2.7 J	ND	ND	ND	ND	0.15 J	930
Carbazole	ND	0.14 J	ND	ND	0.15 J	ND	0.15 J	ND	0.6
Chrysene	0.32	0.094	0.3 J	0.18 J	0.043	0.02 J	0.19	0.31 J	88
Dibenzo(a,h)anthracene	ND	0.0098 J	ND	ND	0.0081 J	ND	0.025 J	ND	0.09 / 0.2 / 0.42
Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	---
Dimethyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	---
Di-N-Butyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	2300
Fluoranthene	0.45	0.17	0.33 J	0.18	0.096	0.024 J	0.27	0.4	3100
Fluorene	ND	0.032 J	0.017 J	0.0096 J	0.034 J	ND	0.035 J	0.013 J	560
Indeno(1,2,3-cd)pyrene	0.11 J	0.027 J	ND	ND	0.019 J	ND	0.078 J	0.13 J	0.9 / 0.9 / 1.6
Naphthalene	0.0074 J	ND	0.013 J	ND	ND	ND	ND	0.015 J	1.8
Phenanthrene	0.15	0.08	0.24	0.13	0.074	0.013 J	0.12	0.22	---
Phenol	ND	ND	ND	ND	ND	ND	ND	ND	100
Pyrene	0.65	0.14	0.89 J	0.49 J	0.063	0.026 J	0.49	1 J	2300
Total Metals (mg/kg)									
Antimony, Total	0.51 J	0.47 J	0.47 J	0.5 J	0.88 J	0.84 J	0.73 J	1.2	5
Arsenic, Total	6.4	4.7	2.9	2.1	7.8	6.5	5.3	5.3	11.3 / 13
Barium, Total	40	31	65	29	55	110	73	120	1500
Beryllium, Total	0.63	0.48	0.4	0.31	0.72	0.85	0.48	0.62	22
Cadmium, Total	0.28 J	0.34 J	0.42 B	0.25 J	0.23 J	0.16 J	0.55 B	0.73 B	5.2
Calcium, Total	83000 B	120000 B	140000 B	130000 B	61000 B	9600 B	85000 B	82000 B	---
Chromium, Total	17	12	21	22	15	19	29	45	21
Cobalt, Total	11	6.5	4.7	4	11	12	6.1	8.4	20
Copper, Total	25	15	21	18	20	17	30	36	2900
Iron, Total	23000	13000 B	12000	12000	17000 B	17000	17000 B	22000	15000 / 15900
Lead, Total	75	51	31	32	29	38	92	87	107
Magnesium, Total	45000	70000 B	77000	71000	27000 B	6900	47000 B	45000	325000
Manganese, Total	400	270 B	460	570	400 B	530	530 B	580	630 / 636
Mercury, Total	0.021	0.019	0.016 J	0.016 J	0.025	0.048	0.024	0.053	0.89
Nickel, Total	26	17	13	12	26	22	21	22	100
Potassium, Total	2000	1800	860	710	2300	1300	1300	1400	---
Selenium, Total	ND	ND	ND	ND	0.35 J	0.35 J	0.63	ND	1.3
Silver, Total	0.42	0.26	0.22 J	0.25 J	0.4	0.59	0.27	0.41	4.4
Sodium, Total	1400	1100	840	550	1300	2500	1300	1200	---
Thallium, Total	ND	0.31 J	ND	ND	ND	ND	ND	ND	2.6
Vanadium, Total	20	15	19	28	22	32	25	30	550
Zinc, Total	82	59	120	55	60	63	170	190	5100
TCLP Metals (mg/l)									
Arsenic, TCLP	ND	ND	ND	ND	ND	ND	ND	ND	0.05
Barium, TCLP	0.56	0.36 J	0.66	0.38 J	0.52	0.71	0.46 J	0.66	2.0
Beryllium, TCLP	ND	ND	ND	ND	ND	ND	ND	ND	0.004
Cadmium, TCLP	0.0025 J	ND	0.002 J	ND	ND	ND	0.003 J	0.0027 J	0.005
Chromium, TCLP	ND	ND	ND	ND	ND	ND	ND	ND	0.1
Cobalt, TCLP	0.021 J	ND	ND	ND	ND	ND	ND	ND	1.00
Copper, TCLP	0.083	ND	0.046	0.015 J	ND	0.021 J	ND	0.084	0.65
Iron, TCLP	ND	ND	ND	ND	ND	ND	ND	ND	5.0
Lead, TCLP	0.0098	ND	ND	ND	ND	ND	0.0085	0.0099	0.0075
Manganese, TCLP	3.1	0.38	1.1	5.5	0.41	1.2	0.77	0.5	0.15
Mercury, TCLP	ND	ND	ND	ND	ND	ND	ND	ND	0.002
Nickel, TCLP	0.034 J	ND	ND	ND	ND	ND	ND	ND	0.1
Selenium, TCLP	ND	ND	ND	ND	ND	ND	ND	ND	0.05
Silver, TCLP	ND	ND	ND	ND	ND	ND	ND	ND	0.05
Zinc, TCLP	0.15 J	0.023 J	0.28 J	0.098 J	ND	0.045 J	0.22 J	0.24 J	5.0
SPLP Metals (mg/l)									
Arsenic, SPLP	0.092	0.095	ND	0.011 J	0.075	0.079	0.038 J	0.05	0.05
Barium, SPLP	0.59	0.39 J	0.18 J	0.23 J	0.57	1.1	0.4 J	0.56	2.0
Beryllium, SPLP	0.0094	0.0083	ND	ND	0.0083	0.011	0.0051	0.006	0.004
Cadmium, SPLP	ND	ND	ND	ND	ND	ND	ND	ND	0.005
Chromium, SPLP	0.18	0.17	0.04	0.059	0.17	0.24	0.12	0.14	0.1
Cobalt, SPLP	0.096	0.065	ND	ND	0.055	0.053	0.029	0.032	1.0
Copper, SPLP	0.24	0.21	0.045	0.044	0.18	0.21	0.13	0.14	0.65
Iron, SPLP	200	190	29	43	180	230	110	130	5.0
Lead, SPLP	0.3	0.23	0.062	0.052	0.17	0.17	0.31	0.31	0.0075
Manganese, SPLP	1.4	0.83	0.25	0.24	0.78	0.99	0.66	0.62	0.15
Mercury, SPLP	ND	ND	ND	ND	ND	ND	ND	ND	0.002
Nickel, SPLP	0.25	0.2	0.03	0.038	0.18	0.21	0.099	0.13	0.1
Selenium, SPLP	ND	ND	ND	ND	ND	ND	ND	ND	0.05
Silver, SPLP	ND	ND	ND	ND	ND	ND	ND	ND	0.05
Zinc, SPLP	0.71	0.65	0.26 J	0.17 J	0.56	0.76	0.88	0.54	5.0

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.

Summary Table of ISGS Site No. 2233V2-1
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-18	ROW-19	ROW-19	ROW-20	ROW-23	ROW-24	ROW-25	ROW-26	Soil Reference Concentrations ^A
Sample Date	5/27/2021	5/26/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021	
Field Sample ID	ROW-18(0-2)-052721D	ROW-19(0-2)-052621	ROW-19(0-2)-052621D	ROW-20(0-2)-052721	ROW-23(0-2)-052621	ROW-24(0-2)-052721	ROW-25(0-2)-052621	ROW-26(0-2)-052721	
Lab Sample ID	500-199833-4	500-199752-10	500-199752-11	500-199833-2	500-199752-13	500-199832-20	500-199752-14	500-199832-19	
ISGS Site Number	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1	
Parameters									
Laboratory pH (s.u.)	8.5	7.8	7.6	8.4	8.0	8.2	8.5	8.5	<6.25; >9.0
VOCs (mg/kg)									
Methylene chloride	ND	0.0019 J	ND	ND	ND	ND	ND	ND	0.02
Xylene (Total)	ND	0.00062 J	ND	0.00052 J	ND	ND	ND	ND	5.6
SVOCs (mg/kg)									
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	26
2-Methylnaphthalene	0.021 J	ND	ND	0.0083 J	ND	ND	ND	ND	---
Acenaphthene	0.0098 J	ND	ND	ND	0.0092 J	0.01 J	ND	ND	570
Acenaphthylene	0.027 J	ND	ND	ND	ND	0.0063 J	ND	ND	---
Anthracene	0.037 J	0.036 J	0.034 J	ND	0.051	0.023 J	0.038	0.0087 J	12000
Benzo(a)anthracene	0.15 J	0.033 J	0.014 J	ND	0.093	0.13 J	0.055	0.039	0.9 / 1.1 / 1.8
Benzo(a)pyrene	0.24 J	0.042	0.02 J	0.0087 J	0.14	0.15 J	0.086 J	0.06 J	0.09 / 1.3 / 2.1
Benzo(b)fluoranthene	0.39 J	0.062	0.028 J	0.012 J	0.24	0.23 J	0.15 J	0.11 J	0.9 / 1.5 / 2.1
Benzo(g,h,i)perylene	0.2 J	0.044	0.04	ND	0.056	0.088 J	0.048 J	0.036 J	---
Benzo(k)fluoranthene	0.096 J	0.022 J	ND	ND	0.079	0.12 J	0.053 J	0.033 J	9
bis(2-Ethylhexyl)phthalate	0.27 J	ND	ND	ND	ND	ND	ND	ND	46
Butyl benzyl phthalate	0.14 J	ND	ND	ND	ND	ND	ND	ND	930
Carbazole	ND	0.15 J	0.15 J	ND	0.17 J	ND	0.15 J	ND	0.6
Chrysene	0.21 J	0.036 J	0.014 J	ND	0.13	0.15 J	0.066	0.055	88
Dibenzo(a,h)anthracene	ND	0.008 J	ND	ND	0.014 J	ND	ND	ND	0.09 / 0.2 / 0.42
Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	---
Dimethyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	---
Di-N-Butyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	2300
Fluoranthene	0.29	0.078	0.056	0.016 J	0.3	0.19	0.12	0.064	3100
Fluorene	0.017 J	0.032 J	ND	ND	0.039	0.0077 J	0.032 J	ND	560
Indeno(1,2,3-cd)pyrene	0.077 J	0.017 J	ND	ND	0.035 J	0.09 J	0.025 J	0.024 J	0.9 / 0.9 / 1.6
Naphthalene	0.014 J	ND	ND	ND	ND	0.0074 J	ND	ND	1.8
Phenanthrene	0.17	0.049	0.043	0.018 J	0.16	0.14	0.063	0.034 J	---
Phenol	ND	ND	ND	ND	ND	ND	ND	ND	100
Pyrene	0.71 J	0.047	0.02 J	0.034 J	0.26	0.44 J	0.11	0.11	2300
Total Metals (mg/kg)									
Antimony, Total	0.77 J	0.64 J	0.65 J	0.85 J	0.47 J	0.55 J	0.71 J	0.81 J	5
Arsenic, Total	5.7	5.1	6.5	6.8	4	7.4	8	7.6	11.3 / 13
Barium, Total	76	100	83	57	40	87	60	62	1500
Beryllium, Total	0.61	0.68	0.8	0.79	0.46	0.76	0.7	0.67	22
Cadmium, Total	0.5 B	0.3 J	ND	0.24 J	0.28 J	0.18	0.26 J	0.4	5.2
Calcium, Total	78000 B	8300 J	2600 J	28000 B	140000 B	5500 B	80000 B	73000 B	---
Chromium, Total	28	15	19	17	19	15	19	18	21
Cobalt, Total	9.5	7.5	8.7	11	5.9	10	11	11	20
Copper, Total	30	14	13	19	17	16	23	24	2900
Iron, Total	22000	13000 B	17000 B	18000	13000 B	17000	21000 B	17000	15000 / 15900
Lead, Total	88	25 J	14 J	29	20	26	25	58	107
Magnesium, Total	44000	5300 J	3100 J	17000	85000 B	4200 B	45000 B	32000 B	325000
Manganese, Total	460	410 J	150 J	300	600 B	270	360 B	400	630 / 636
Mercury, Total	0.039	0.036	0.03	0.028	0.014 J	0.038	0.031	0.022	0.89
Nickel, Total	23	16	21	25	13	23	28	29	100
Potassium, Total	1400	1300	1500	2000	1100	1100	2500	1700	---
Selenium, Total	ND	0.64	0.67	ND	ND	0.39 J	ND	ND	1.3
Silver, Total	0.4	0.45	0.49	0.54	0.28	0.54	0.38	0.46	4.4
Sodium, Total	1300	1100	1000	1700	1000	1600	1600	2000	---
Thallium, Total	ND	ND	0.48 J	ND	ND	ND	ND	ND	2.6
Vanadium, Total	26	27	30	27	28	22	21	25	550
Zinc, Total	150	61	48	61	74	95	64	88	5100
TCLP Metals (mg/l)									
Arsenic, TCLP	ND	ND	ND	ND	ND	ND	ND	ND	0.05
Barium, TCLP	0.7	0.53	0.52	0.56	0.53	0.65	0.41 J	0.7	2.0
Beryllium, TCLP	ND	ND	ND	ND	ND	ND	ND	ND	0.004
Cadmium, TCLP	0.0034 J	ND	ND	0.0021 J	ND	ND	ND	ND	0.005
Chromium, TCLP	ND	ND	ND	ND	ND	ND	ND	ND	0.1
Cobalt, TCLP	ND	ND	ND	ND	ND	ND	ND	ND	1.00
Copper, TCLP	0.086	ND	ND	0.13	ND	ND	ND	ND	0.65
Iron, TCLP	ND	ND	ND	ND	ND	ND	0.2 J	ND	5.0
Lead, TCLP	0.01	ND	ND	ND	ND	ND	ND	ND	0.0075
Manganese, TCLP	0.56	0.45	0.71	0.077	1.2	0.6	0.88	0.74	0.15
Mercury, TCLP	ND	ND	ND	ND	ND	ND	ND	ND	0.002
Nickel, TCLP	ND	ND	ND	ND	ND	0.072 J	ND	0.022 J	0.1
Selenium, TCLP	ND	ND	ND	ND	ND	ND	ND	ND	0.05
Silver, TCLP	ND	ND	ND	ND	ND	ND	ND	ND	0.05
Zinc, TCLP	0.25 J	0.039 J	0.037 J	0.12 J	0.099 J	0.32 J	0.029 J	0.028 J	5.0
SPLP Metals (mg/l)									
Arsenic, SPLP	0.055	0.041 J	0.033 J	0.075	0.023 J	0.028 J	0.094	0.092	0.05
Barium, SPLP	0.63	0.66	0.49 J	0.58	0.25 J	0.65 J	0.48 J	0.69	2.0
Beryllium, SPLP	0.0068	0.0063	0.0048	0.0082	ND	0.0047	0.0087	0.0091	0.004
Cadmium, SPLP	ND	ND	ND	0.0023 J	ND	ND	ND	ND	0.005
Chromium, SPLP	0.14	0.14	0.11	0.16	0.063	0.1	0.17	0.18	0.1
Cobalt, SPLP	0.039	0.031	0.024 J	0.057	0.018 J	0.021 J	0.068	0.053	1.0
Copper, SPLP	0.16	0.1	0.083	0.18	0.087	0.09	0.23	0.21	0.65
Iron, SPLP	150	130	100	170	65	100	190	200	5.0
Lead, SPLP	0.3	0.1	0.077	0.2	0.08	0.13 J	0.16	0.23	0.0075
Manganese, SPLP	0.69	0.59	0.45	0.92	0.51	0.75 J	0.77	0.82	0.15
Mercury, SPLP	ND	ND	ND	ND	ND	ND	ND	ND	0.002
Nickel, SPLP	0.14	0.12	0.089	0.17	0.068	0.076	0.2	0.19	0.1
Selenium, SPLP	ND	ND	ND	ND	ND	ND	ND	ND	0.05
Silver, SPLP	ND	ND	ND	ND	ND	ND	ND	ND	0.05
Zinc, SPLP	0.62	0.41 J	0.3 J	0.53	0.36 J	0.76 J	0.55	0.59	5.0

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.

Summary Table of ISGS Site No. 2233V2-1
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-27	ROW-28	ROW-29	ROW-30	ROW-33	ROW-34	ROW-35	ROW-36	Soil Reference Concentrations ^A
Sample Date	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021	
Field Sample ID	ROW-27(0-2)-052621	ROW-28(0-2)-052721	ROW-29(0-2)-052621	ROW-30(0-2)-052721	ROW-33(0-2)-052621	ROW-34(0-2)-052721	ROW-35(0-2)-052621	ROW-36(0-2)-052721	
Lab Sample ID	500-199752-15	500-199832-18	500-199752-16	500-199832-17	500-199752-18	500-199832-15	500-199752-19	500-199832-14	
ISGS Site Number	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1	
Parameters									
Laboratory pH (s.u.)	8.8	8.6	8.9	8.4	8.2	8.1	8.2	8.7	<6.25; >9.0
VOCs (mg/kg)									
Methylene chloride	ND	ND	ND	ND	ND	ND	ND	ND	0.02
Xylene (Total)	ND	ND	ND	ND	ND	ND	ND	ND	5.6
SVOCs (mg/kg)									
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	26
2-Methylnaphthalene	ND	ND	ND	ND	0.015 J	0.022 J	ND	0.012 J	---
Acenaphthene	ND	ND	ND	0.014 J	0.044	ND	0.017 J	0.0098 J	570
Acenaphthylene	ND	0.0085 J	ND	ND	0.057	ND	0.013 J	0.013 J	---
Anthracene	0.036 J	0.017 J	0.036 J	0.041	0.13	0.02 J	0.059	0.047	12000
Benzo(a)anthracene	0.088	0.082 J	0.041	0.12	0.44 J	0.1	0.096	0.26 J	0.9 / 1.1 / 1.8
Benzo(a)pyrene	0.16 J	0.11 J	0.055	0.13 J	0.45 J	0.13 J	0.12	0.29 J	0.09 / 1.3 / 2.1
Benzo(b)fluoranthene	0.28 J	0.19 J	0.089	0.19 J	0.69 J	0.2 J	0.16	0.49 J	0.9 / 1.5 / 2.1
Benzo(g,h,i)perylene	0.062 J	0.085 J	0.046	0.043 J	0.13 J	0.068 J	0.066	0.14 J	---
Benzo(k)fluoranthene	0.087 J	0.076 J	0.029 J	0.092 J	0.27 J	0.096 J	0.051	0.23 J	9
bis(2-Ethylhexyl)phthalate	ND	ND	ND	ND	0.8 J	ND	ND	0.17 J	46
Butyl benzyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	930
Carbazole	0.15 J	ND	0.14 J	ND	0.19	ND	0.16 J	ND	0.6
Chrysene	0.11	0.11 J	0.045	0.13	0.46 J	0.13	0.11	0.33 J	88
Dibenzo(a,h)anthracene	0.017 J	ND	0.0083 J	ND	0.048 J	ND	0.017 J	0.036 J	0.09 / 0.2 / 0.42
Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	---
Dimethyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	---
Di-N-Butyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	2300
Fluoranthene	0.16	0.12	0.086	0.24	0.71	0.2	0.21	0.35	3100
Fluorene	0.031 J	ND	ND	0.014 J	0.068	ND	0.044	0.011 J	560
Indeno(1,2,3-cd)pyrene	0.046 J	0.057 J	0.02 J	0.048 J	0.14 J	0.056 J	0.046	0.11 J	0.9 / 0.9 / 1.6
Naphthalene	ND	0.0065 J	ND	0.0099 J	0.015 J	0.016 J	0.0059 J	0.025 J	1.8
Phenanthrene	0.067	0.079	0.044	0.16	0.55	0.1	0.18	0.22	---
Phenol	ND	ND	ND	ND	ND	ND	ND	ND	100
Pyrene	0.16	0.28 J	0.057	0.33	1.9 J	0.21	0.2	0.71 J	2300
Total Metals (mg/kg)									
Antimony, Total	0.63 J	0.56 J	0.91 J	0.71 J	0.72 J	0.83 J	0.54 J	0.58 J	5
Arsenic, Total	7.4	7.9	7.7	6.4	4.7	9.4	7.3	4.9	11.3 / 13
Barium, Total	48	45	64	110	83	95	78	110	1500
Beryllium, Total	0.65	0.68	0.72	0.78	0.58	0.73	0.6	0.55	22
Cadmium, Total	0.29 J	0.21	0.37 J	0.21	0.67 B	0.26	0.3 J	0.71	5.2
Calcium, Total	69000 B	68000 B	29000 B	17000 B	49000 B	13000 B	21000 B	100000 B	---
Chromium, Total	18	16	16	17	29	18	13	25	21
Cobalt, Total	10	12	12	11	6.8	12	9.2	8.8	20
Copper, Total	24	28	20	21	32	20	15	33	2900
Iron, Total	16000 B	17000	17000 B	18000	16000 B	18000	14000 B	20000	15000 / 15900
Lead, Total	19	20	22	20	120	29	31	98	107
Magnesium, Total	32000 B	28000 B	20000 B	12000 B	22000 B	8600 B	13000 B	57000 B	325000
Manganese, Total	390 B	370	460 B	380	510 B	480	510 B	500	630 / 636
Mercury, Total	0.026	0.034	0.031	0.028	0.032	0.025	0.026	0.027	0.89
Nickel, Total	24	29	27	27	16	33	20	21	100
Potassium, Total	2000	1800	1600	1300	920	1400	1200	900	---
Selenium, Total	ND	ND	0.4 J	0.43 J	0.31 J	0.56 J	0.42 J	ND	1.3
Silver, Total	0.34	0.45	0.44	0.6	0.38	0.65	0.41	0.32	4.4
Sodium, Total	910	1500	2700	2200	2300	1500	1800	1500	---
Thallium, Total	ND	ND	ND	ND	ND	ND	ND	ND	2.6
Vanadium, Total	22	21	26	26	25	27	22	20	550
Zinc, Total	130	72	63	77	140	95	56	260	5100
TCLP Metals (mg/l)									
Arsenic, TCLP	ND	ND	ND	ND	ND	ND	ND	ND	0.05
Barium, TCLP	0.54	0.46 J	0.49 J	0.59	0.49 J	0.79	0.59	0.57	2.0
Beryllium, TCLP	ND	ND	ND	ND	ND	ND	ND	ND	0.004
Cadmium, TCLP	0.0022 J	ND	ND	ND	0.0033 J	0.0026 J	ND	0.0041 J	0.005
Chromium, TCLP	ND	ND	ND	ND	ND	ND	0.11	ND	0.1
Cobalt, TCLP	ND	ND	ND	ND	ND	ND	ND	ND	1.00
Copper, TCLP	ND	ND	ND	ND	ND	ND	0.021 J	0.011 J	0.65
Iron, TCLP	ND	ND	ND	ND	ND	ND	0.48	ND	5.0
Lead, TCLP	ND	ND	ND	ND	ND	ND	ND	0.0093	0.0075
Manganese, TCLP	0.51	0.61	0.49	0.43	0.88	0.78	0.94	1.1	0.15
Mercury, TCLP	ND	ND	ND	ND	ND	ND	ND	ND	0.002
Nickel, TCLP	ND	0.13	ND	0.049	ND	ND	0.1	0.02 J	0.1
Selenium, TCLP	ND	ND	ND	ND	ND	ND	ND	ND	0.05
Silver, TCLP	ND	ND	ND	ND	ND	ND	ND	ND	0.05
Zinc, TCLP	0.16 J	0.026 J	0.025 J	0.021 J	0.091 J	0.15 J	0.021 J	0.2 J	5.0
SPLP Metals (mg/l)									
Arsenic, SPLP	0.091	0.067	0.074	0.075	0.059	0.055	0.063	0.033 J	0.05
Barium, SPLP	0.55	0.5	0.56	0.9	0.84	0.93	0.65	0.43 J	2.0
Beryllium, SPLP	0.008	0.0066	0.0077	0.01	0.0082	0.0069	0.0072	0.0044	0.004
Cadmium, SPLP	ND	ND	ND	ND	0.0031 J	ND	ND	ND	0.005
Chromium, SPLP	0.15	0.13	0.15	0.21	0.2	0.15	0.16	0.098	0.1
Cobalt, SPLP	0.055	0.041	0.045	0.054	0.037	0.045	0.041	0.025	1.0
Copper, SPLP	0.21	0.15	0.17	0.2	0.19	0.14	0.14	0.12	0.65
Iron, SPLP	180	150	170	230	200	150	160	92	5.0
Lead, SPLP	0.14	0.17	0.15	0.12	0.24	0.18	0.14	0.3	0.0075
Manganese, SPLP	0.76	0.72	0.91	0.89	0.82	1	0.93	0.61	0.15
Mercury, SPLP	ND	ND	ND	ND	0.00023	ND	ND	ND	0.002
Nickel, SPLP	0.17	0.14	0.16	0.19	0.16	0.13	0.14	0.087	0.1
Selenium, SPLP	ND	ND	ND	ND	ND	ND	ND	ND	0.05
Silver, SPLP	ND	ND	ND	ND	ND	ND	ND	ND	0.05
Zinc, SPLP	0.79	0.52	0.53	0.71	0.84	0.63	0.48 J	0.55	5.0

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.

Summary Table of ISGS Site No. 2233V2-1
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-38	ROW-38	ROW-39	ROW-39	ROW-40	ROW-41	ROW-42	ROW-43	Soil Reference Concentrations ^A
Sample Date	5/27/2021	5/27/2021	5/26/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021	
Field Sample ID	ROW-38(0-2)-052721	ROW-38(0-2)-052721D	ROW-39(0-2)-052621	ROW-39(0-2)-052621D	ROW-40(0-2)-052721	ROW-41(0-2)-052621	ROW-42(0-2)-052721	ROW-43(0-2)-052621	
Lab Sample ID	500-199832-12	500-199832-13	500-199753-1	500-199753-2	500-199832-11	500-199753-3	500-199832-10	500-199753-4	
ISGS Site Number	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1	
Parameters									
Laboratory pH (s.u.)	7.8	7.9	7.9	8.3	8.4	8.5	8.7	8.9	<6.25; >9.0
VOCs (mg/kg)									
Methylene chloride	ND	ND	ND	ND	ND	ND	ND	ND	0.02
Xylene (Total)	ND	ND	ND	ND	ND	ND	ND	ND	5.6
SVOCs (mg/kg)									
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	26
2-Methylnaphthalene	ND	ND	0.0098 J	ND	0.008 J	ND	0.0071 J	ND	---
Acenaphthene	ND	ND	0.028 J	ND	ND	ND	0.0088 J	0.014 J	570
Acenaphthylene	ND	ND	0.011 J	ND	0.0096 J	0.0051 J	0.0086 J	ND	---
Anthracene	ND	0.0066 J	0.07	0.036 J	0.017 J	0.039	0.034 J	0.057	12000
Benzo(a)anthracene	0.016 J	0.026 J	0.29 J	0.03 J	0.081 J	0.054	0.16	0.13	0.9 / 1.1 / 1.8
Benzo(a)pyrene	0.021 J	0.034 J	0.31 J	0.044 J	0.12 J	0.087 J	0.18 J	0.15	0.09 / 1.3 / 2.1
Benzo(b)fluoranthene	0.035 J	0.057	0.51 J	0.085 J	0.2 J	0.14 J	0.27 J	0.25	0.9 / 1.5 / 2.1
Benzo(g,h,i)perylene	0.018 J	0.024 J	0.11 J	0.043 J	0.071 J	0.052 J	0.072 J	0.056 J	---
Benzo(k)fluoranthene	0.012 J	0.021 J	0.16 J	0.029 J	0.093 J	0.046 J	0.16 J	0.087	9
bis(2-Ethylhexyl)phthalate	ND	ND	0.28	ND	ND	ND	ND	ND	46
Butyl benzyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	930
Carbazole	ND	ND	ND	0.15 J	ND	0.15 J	ND	0.16 J	0.6
Chrysene	0.025 J	0.038 J	0.3 J	0.038 J	0.12 J	0.065	0.19	0.13	88
Dibenzo(a,h)anthracene	ND	ND	0.029 J	ND	0.0086 J	ND	0.017 J	0.014 J	0.09 / 0.2 / 0.42
Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	---
Dimethyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	---
Di-N-Butyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	2300
Fluoranthene	0.028 J	0.055	0.66 J	0.082 J	0.12	0.11	0.26	0.26	3100
Fluorene	ND	ND	0.025 J	0.031 J	ND	0.033 J	0.0095 J	0.042	560
Indeno(1,2,3-cd)pyrene	0.016 J	0.02 J	0.087 J	0.016 J	0.044 J	0.028 J	0.06 J	0.036 J	0.9 / 0.9 / 1.6
Naphthalene	ND	ND	0.042	ND	0.0093 J	0.0058 J	0.015 J	ND	1.8
Phenanthrene	0.012 J	0.028 J	0.33 J	0.051 J	0.064	0.074	0.15	0.15	---
Phenol	ND	ND	ND	0.12 J	ND	0.12 J	ND	ND	100
Pyrene	0.029 J	0.055	0.73 J	0.072 J	0.23 J	0.12	0.42	0.25	2300
Total Metals (mg/kg)									
Antimony, Total	0.45 J	0.79 J	0.89 J	0.65 J	0.57 J	0.64 J	0.6 J	0.56 J	5
Arsenic, Total	6.2	7.4	5.1 J	5.5	3.9	5.9	6.2	7	11.3 / 13
Barium, Total	100	120	73 J	80	62	78	67	47	1500
Beryllium, Total	0.65	0.7	0.54	0.64	0.67	0.69	0.59	0.72	22
Cadmium, Total	0.21	0.13	0.26	0.3	0.26	0.31	0.39	0.21	5.2
Calcium, Total	25000 J	3800 J	20000 J	20000 B	67000 B	32000 B	67000 B	66000 B	---
Chromium, Total	20	18	25 J	18	19	19	17	15	21
Cobalt, Total	9.9	11	7.1	8.4	10	11	8.2	12	20
Copper, Total	19	16	15 J	17	21	17	22	21	2900
Iron, Total	15000	17000	14000 J	14000	15000	16000	16000	17000	15000 / 15900
Lead, Total	39 J	22 J	19 J	42 J	35	23	42	18	107
Magnesium, Total	17000 J	3900 J	12000 J	12000	29000 B	19000	30000 B	29000	325000
Manganese, Total	370	450	530 J	400 B	320	510 B	310	330 B	630 / 636
Mercury, Total	0.043 J	0.051	0.024	0.038	0.02	0.023	0.027	0.022	0.89
Nickel, Total	26	20	16	18	27	22	23	26	100
Potassium, Total	890	890	680 J	1100	2000	1400	1100	2000	---
Selenium, Total	ND	0.4 J	0.4 J	ND	ND	0.53 J	0.38 J	ND	1.3
Silver, Total	0.44	0.52	0.36	0.49	0.36	0.43	0.33	0.39	4.4
Sodium, Total	2600	3000	2200 B	2600 B	1100	2300 B	1400	1600 B	---
Thallium, Total	ND	ND	0.89 J	0.59	ND	0.78	ND	0.34 J	2.6
Vanadium, Total	28	31	23 J	25	20	28	20	22	550
Zinc, Total	100	71	63 J	69	88	93	120	63	5100
TCLP Metals (mg/l)									
Arsenic, TCLP	ND	ND	ND	ND	ND	ND	ND	ND	0.05
Barium, TCLP	0.83	0.85	0.66	0.66	0.71	0.65	0.57	0.77	2.0
Beryllium, TCLP	ND	ND	ND	ND	ND	ND	ND	ND	0.004
Cadmium, TCLP	ND	ND	0.002 J	0.0022 J	0.0024 J	ND	0.0021 J	ND	0.005
Chromium, TCLP	ND	0.013 J	ND	ND	ND	ND	ND	ND	0.1
Cobalt, TCLP	ND	ND	ND	ND	ND	ND	ND	ND	1.00
Copper, TCLP	ND	ND	ND	ND	ND	ND	ND	ND	0.65
Iron, TCLP	ND	ND	ND	ND	ND	ND	ND	ND	5.0
Lead, TCLP	ND	ND	ND	ND	ND	ND	ND	ND	0.0075
Manganese, TCLP	0.57	0.63	3	2.1	1.3	2.1	0.85	1.9	0.15
Mercury, TCLP	ND	ND	ND	ND	ND	ND	ND	ND	0.002
Nickel, TCLP	ND	0.022 J	0.012 J	ND	0.012 J	ND	0.014 J	0.016 J	0.1
Selenium, TCLP	ND	ND	ND	ND	ND	ND	ND	ND	0.05
Silver, TCLP	ND	ND	ND	ND	ND	ND	ND	ND	0.05
Zinc, TCLP	0.081 J	0.087 J	0.13 J	0.063 J	0.11 J	0.052 J	0.083 J	ND	5.0
SPLP Metals (mg/l)									
Arsenic, SPLP	0.035 J	0.04 J	0.051	0.05	0.051	0.054	0.047 J	0.084	0.05
Barium, SPLP	0.66	0.78	0.72	0.75	0.74	0.81	0.66	0.75	2.0
Beryllium, SPLP	0.0043	0.0051	0.0066	0.0068	0.0088	0.0082	0.0066	0.0094	0.004
Cadmium, SPLP	ND	ND	ND	ND	ND	ND	ND	ND	0.005
Chromium, SPLP	0.1	0.12	0.15	0.16	0.17	0.18	0.13	0.19	0.1
Cobalt, SPLP	0.02 J	0.024 J	0.036	0.036	0.059	0.047	0.038	0.069	1.0
Copper, SPLP	0.08	0.093	0.12	0.12	0.18	0.15	0.13	0.21	0.65
Iron, SPLP	110	130	150	150	160	180	140	200	5.0
Lead, SPLP	0.064	0.075	0.11 J	0.2 J	0.13	0.11	0.15	0.13	0.0075
Manganese, SPLP	0.85	0.96	0.69	0.64	0.88	0.79	0.68	0.98	0.15
Mercury, SPLP	ND	ND	ND	ND	ND	ND	ND	ND	0.002
Nickel, SPLP	0.076	0.088	0.12	0.12	0.18	0.15	0.12	0.22	0.1
Selenium, SPLP	ND	ND	ND	ND	ND	ND	ND	ND	0.05
Silver, SPLP	ND	ND	ND	ND	ND	ND	ND	ND	0.05
Zinc, SPLP	0.33 J	0.34 J	0.49 J	0.5	0.46 J	0.55	0.53	0.58	5.0

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.

Summary Table of ISGS Site No. 2233V2-1
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-45	ROW-46	ROW-47	ROW-48	ROW-49	ROW-50	ROW-52	ROW-54	Soil Reference Concentrations ^A
Sample Date	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/27/2021	5/27/2021	
Field Sample ID	ROW-45(0-2)-052621	ROW-46(0-2)-052721	ROW-47(0-2)-052621	ROW-48(0-2)-052721	ROW-49(0-2)-052621	ROW-50(0-2)-052721	ROW-52(0-2)-052721	ROW-54(0-2)-052721	
Lab Sample ID	500-199753-5	500-199832-8	500-199753-6	500-199832-7	500-199753-7	500-199832-6	500-199832-5	500-199832-4	
ISGS Site Number	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1	
Parameters									
Laboratory pH (s.u.)	8.5	8.5	8.0	8.1	8.2	8.6	8.4	8.6	<6.25; >9.0
VOCs (mg/kg)									
Methylene chloride	ND	ND	ND	ND	ND	ND	ND	ND	0.02
Xylene (Total)	ND	ND	ND	ND	ND	ND	ND	ND	5.6
SVOCs (mg/kg)									
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	26
2-Methylnaphthalene	ND	ND	0.011 J	0.0098 J	ND	0.046 J	0.022 J	0.044 J	---
Acenaphthene	ND	ND	0.0077 J	ND	0.0071 J	0.11	0.071	0.085	570
Acenaphthylene	0.0069 J	ND	0.007 J	0.013 J	0.034 J	0.062	0.031 J	0.038	---
Anthracene	0.042	0.019 J	0.053	0.024 J	0.059	0.34	0.15	0.34	12000
Benzo(a)anthracene	0.088	0.085	0.17 J	0.096	0.15	0.86 J	0.69 J	1.5 J	0.9 / 1.1 / 1.8
Benzo(a)pyrene	0.14 J	0.095 J	0.23 J	0.12 J	0.23 J	0.82 J	0.77 J	1.5 J	0.09 / 1.3 / 2.1
Benzo(b)fluoranthene	0.25 J	0.16 J	0.36 J	0.22 J	0.4 J	1.2 J	1.3 J	1.6 J	0.9 / 1.5 / 2.1
Benzo(g,h,i)perylene	0.064 J	0.046 J	0.1 J	0.057 J	0.096 J	0.47 J	0.52 J	0.8 J	---
Benzo(k)fluoranthene	0.089 J	0.061 J	0.14 J	0.064 J	0.16 J	0.46 J	0.53 J	1.5 J	9
bis(2-Ethylhexyl)phthalate	ND	ND	0.078 J	ND	ND	0.18 J	0.19 J	1.2	46
Butyl benzyl phthalate	ND	ND	0.081 J	0.76	ND	2	0.089 J	0.13 J	930
Carbazole	0.15 J	ND	0.16 J	ND	0.16 J	0.14 J	0.2	0.14 J	0.6
Chrysene	0.099	0.1	0.2 J	0.12	0.19	0.93 J	0.9 J	1.5 J	88
Dibenzo(a,h)anthracene	0.016 J	0.0078 J	0.031 J	ND	0.026 J	0.1 J	0.13 J	0.17 J	0.09 / 0.2 / 0.42
Dibenzofuran	ND	ND	ND	ND	ND	0.092 J	0.053 J	0.056 J	---
Dimethyl phthalate	ND	ND	ND	0.067 J	ND	ND	ND	ND	---
Di-N-Butyl phthalate	ND	ND	ND	ND	ND	0.78	ND	ND	2300
Fluoranthene	0.17	0.15	0.29	0.17	0.28	1.3	1.2	1.7	3100
Fluorene	0.033 J	ND	0.037 J	0.0066 J	0.037 J	0.19	0.07	0.082	560
Indeno(1,2,3-cd)pyrene	0.047 J	0.04 J	0.086 J	0.048 J	0.08 J	0.46 J	0.43 J	0.83 J	0.9 / 0.9 / 1.6
Naphthalene	ND	0.006 J	0.0073 J	0.033 J	ND	0.057	0.046	0.1	1.8
Phenanthrene	0.073	0.097	0.17	0.1	0.14	1.9	1.3	1.3	---
Phenol	ND	ND	ND	ND	ND	ND	ND	ND	100
Pyrene	0.16	0.24	0.63 J	0.26	0.45	1.8	1.4	2.5	2300
Total Metals (mg/kg)									
Antimony, Total	0.55 J	0.52 J	1 J	0.64 J	0.67 J	0.64 J	1.1	0.74 J	5
Arsenic, Total	4.5	5.3	4.3	5.9	6.7	4	5.6	2.5	11.3 / 13
Barium, Total	95	84	120	84	78	160	120	71	1500
Beryllium, Total	0.65	0.73	0.67	0.71	0.69	0.75	0.59	0.38	22
Cadmium, Total	0.36	0.49	0.43	0.45	0.31	0.58	0.8	0.58	5.2
Calcium, Total	47000 B	85000 B	32000 B	55000 B	58000 B	140000 B	94000 B	170000 B	---
Chromium, Total	20	14	33	20	19	20	28	32	21
Cobalt, Total	7.8	8	6.7	9.7	11	5.9	8.3	3.4	20
Copper, Total	20	21	20	23	18	25	35	36	2900
Iron, Total	14000	21000	16000	15000	16000	20000	21000	14000	15000 / 15900
Lead, Total	35	98	43	81	29	57	99	70	107
Magnesium, Total	22000	49000 B	19000	26000 B	29000	77000 B	55000 B	88000 B	325000
Manganese, Total	400 B	420	570 B	510	520 B	590	470	470	630 / 636
Mercury, Total	0.025	0.026	0.025	0.032	0.033	0.024	0.034	0.014 J	0.89
Nickel, Total	17	22	16	23	20	19	24	20	100
Potassium, Total	1100	1100	1200	1200	1300	770	1200	650	---
Selenium, Total	0.36 J	0.39 J	ND	ND	0.52 J	0.46 J	ND	ND	1.3
Silver, Total	0.42	0.34	0.43	0.46	0.43	0.42	0.32	0.23 J	4.4
Sodium, Total	2000 B	1500	2100 B	1300	2100 B	1000	1400	740	---
Thallium, Total	0.58	ND	0.91	ND	0.95	ND	ND	ND	2.6
Vanadium, Total	27	19	35	27	26	18	20	20	550
Zinc, Total	140	110	150	120	97	140	200	180	5100
TCLP Metals (mg/l)									
Arsenic, TCLP	ND	ND	ND	ND	ND	ND	ND	ND	0.05
Barium, TCLP	0.79	0.54	0.73	0.52	0.59	0.57	0.55	0.51	2.0
Beryllium, TCLP	ND	ND	ND	ND	ND	ND	ND	ND	0.004
Cadmium, TCLP	0.0023 J	0.002 J	0.0032 J	ND	ND	0.0037 J	0.0034 J	0.004 J	0.005
Chromium, TCLP	ND	ND	ND	ND	ND	ND	ND	ND	0.1
Cobalt, TCLP	ND	ND	ND	ND	ND	ND	ND	ND	1.00
Copper, TCLP	ND	ND	ND	ND	ND	ND	ND	0.02 J	0.65
Iron, TCLP	ND	ND	ND	ND	ND	ND	ND	ND	5.0
Lead, TCLP	ND	ND	ND	ND	ND	0.0076	ND	ND	0.0075
Manganese, TCLP	1.5	1.1	2.1	0.17	1.1	1.1	0.87	1.6	0.15
Mercury, TCLP	ND	ND	ND	ND	ND	ND	ND	ND	0.002
Nickel, TCLP	ND	ND	ND	ND	ND	0.01 J	0.011 J	0.03	0.1
Selenium, TCLP	ND	ND	ND	ND	ND	ND	ND	ND	0.05
Silver, TCLP	ND	ND	ND	ND	ND	ND	ND	ND	0.05
Zinc, TCLP	0.12 J	0.056 J	0.18 J	0.065 J	0.1 J	0.19 J	0.33 J	0.81	5.0
SPLP Metals (mg/l)									
Arsenic, SPLP	0.037 J	0.046 J	0.043 J	0.051	0.061	0.04 J	0.042 J	ND	0.05
Barium, SPLP	0.87	0.64	1.2	0.77	0.8	0.72	0.47 J	0.086 J	2.0
Beryllium, SPLP	0.0062	0.0066	0.0082	0.0076	0.0081	0.0068	0.0053	ND	0.004
Cadmium, SPLP	ND	ND	0.0022 J	ND	ND	ND	ND	ND	0.005
Chromium, SPLP	0.15	0.14	0.2	0.16	0.18	0.16	0.1	0.019 J	0.1
Cobalt, SPLP	0.032	0.037	0.037	0.033	0.04	0.035	0.033	ND	1.0
Copper, SPLP	0.16	0.12	0.16	0.15	0.16	0.14	0.13	0.049	0.65
Iron, SPLP	140	140	180	170	190	150	100	10	5.0
Lead, SPLP	0.15	0.16	0.2	0.21	0.17	0.22	0.28	0.069	0.0075
Manganese, SPLP	0.74	0.79	0.89	0.93	0.92	0.72	0.6	0.21	0.15
Mercury, SPLP	ND	ND	0.00021	ND	0.00021	ND	ND	ND	0.002
Nickel, SPLP	0.11	0.12	0.14	0.13	0.16	0.11	0.1	0.02 J	0.1
Selenium, SPLP	ND	ND	ND	ND	ND	ND	ND	ND	0.05
Silver, SPLP	ND	ND	ND	ND	ND	ND	ND	ND	0.05
Zinc, SPLP	0.75	0.49 J	0.94	0.62	0.68	0.68	0.59	0.24 J	5.0

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.

Summary Table of ISGS Site No. 2233V2-1
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-55	ROW-56	ROW-57	ROW-58	ROW-58	Soil Reference Concentrations ^A
Sample Date	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/27/2021	
Field Sample ID	ROW-55(0-2)-052621	ROW-56(0-2)-052721	ROW-57(0-2)-052621	ROW-58(0-2)-052721	ROW-58(0-2)-052721D	
Lab Sample ID	500-199753-10	500-199832-3	500-199753-11	500-199832-1	500-199832-2	
ISGS Site Number	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1	
Parameters						
Laboratory pH (s.u.)	8.8	8.6	8.7	8.7	8.8	<6.25; >9.0
VOCs (mg/kg)						
Methylene chloride	ND	ND	ND	ND	ND	0.02
Xylene (Total)	ND	ND	ND	ND	ND	5.6
SVOCs (mg/kg)						
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	26
2-Methylnaphthalene	ND	0.039 J	ND	0.03 J	0.026 J	---
Acenaphthene	0.014 J	0.074	ND	0.0093 J	0.013 J	570
Acenaphthylene	0.01 J	0.019 J	0.0068 J	0.052	0.047	---
Anthracene	0.096	0.2	0.013 J	0.073	0.081	12000
Benzo(a)anthracene	0.42 J	0.55 J	0.052 J	0.18	0.23	0.9 / 1.1 / 1.8
Benzo(a)pyrene	0.53 J	0.61 J	0.053 J	0.2 J	0.25	0.09 / 1.3 / 2.1
Benzo(b)fluoranthene	0.79 J	1 J	0.062 J	0.32 J	0.38	0.9 / 1.5 / 2.1
Benzo(g,h,i)perylene	0.18 J	0.39 J	ND	0.074 J	0.1	---
Benzo(k)fluoranthene	0.33 J	0.38 J	0.035 J	0.12 J	0.13	9
bis(2-Ethylhexyl)phthalate	ND	0.46 J	ND	ND	ND	46
Butyl benzyl phthalate	ND	1.3 *3	ND	ND	ND	930
Carbazole	0.17 J	0.15 J	ND	ND	ND	0.6
Chrysene	0.45 J	0.66 J	0.071 J	0.2	0.26	88
Dibenzo(a,h)anthracene	0.059 J	0.089 J	ND	0.019 J	0.026 J	0.09 / 0.2 / 0.42
Dibenzofuran	ND	0.063 J	ND	0.056 J	0.05 J	---
Dimethyl phthalate	ND	ND	ND	ND	ND	---
Di-N-Butyl phthalate	ND	ND	ND	ND	ND	2300
Fluoranthene	0.58	0.75	0.078	0.37	0.47	3100
Fluorene	0.038	0.087	ND	0.022 J	0.026 J	560
Indeno(1,2,3-cd)pyrene	0.19 J	0.4 J	0.029 J	0.075 J	0.099	0.9 / 0.9 / 1.6
Naphthalene	ND	0.072	0.0062 J	0.21	0.17	1.8
Phenanthrene	0.34	0.86	0.061	0.29	0.34	---
Phenol	ND	ND	ND	ND	ND	100
Pyrene	1.4 J	1.9 J	0.23 J	0.42 J	0.44	2300
Total Metals (mg/kg)						
Antimony, Total	0.69 J	1.1	0.51 J	1.1 J	0.7 J	5
Arsenic, Total	5.7	3.3	5.2	7.7 J	5.8	11.3 / 13
Barium, Total	77	58	36	47	67	1500
Beryllium, Total	0.61	0.4	0.53	0.67	0.57	22
Cadmium, Total	0.3	0.63	0.37	0.29 J	0.44	5.2
Calcium, Total	94000 B	140000 B	110000 B	84000 B	97000 B	---
Chromium, Total	22	30	16	18 J	20	21
Cobalt, Total	11	6.2	7.9	11	9.5	20
Copper, Total	23	800	21	27 J	27	2900
Iron, Total	21000	14000	18000	23000 J	20000	15000 / 15900
Lead, Total	21	190	44	33 J	53	107
Magnesium, Total	54000	83000 B	63000	51000 B	57000 B	325000
Manganese, Total	490 B	500	390 B	410 J	410	630 / 636
Mercury, Total	0.02	0.016 J	0.015 J	0.022	0.024	0.89
Nickel, Total	23	19	20	26	25	100
Potassium, Total	1800	800	1400	1800 J	1400	---
Selenium, Total	ND	ND	ND	ND	0.43 J	1.3
Silver, Total	0.34	0.54	0.27	0.41	0.31	4.4
Sodium, Total	1100 B	860	1100 B	1300 J	1200	---
Thallium, Total	0.89	ND	0.82	ND	ND	2.6
Vanadium, Total	21	16	17	21 J	19	550
Zinc, Total	98	310	85	91 J	120	5100
TCLP Metals (mg/l)						
Arsenic, TCLP	ND	ND	ND	ND	ND	0.05
Barium, TCLP	0.48 J	0.47 J	0.45 J	0.53	0.47 J	2.0
Beryllium, TCLP	ND	ND	ND	ND	ND	0.004
Cadmium, TCLP	ND	0.0028 J	0.0026 J	ND	ND	0.005
Chromium, TCLP	ND	ND	ND	ND	ND	0.1
Cobalt, TCLP	ND	ND	ND	ND	ND	1.00
Copper, TCLP	ND	0.015 J	ND	ND	ND	0.65
Iron, TCLP	ND	ND	ND	ND	ND	5.0
Lead, TCLP	ND	ND	ND	ND	ND	0.0075
Manganese, TCLP	1.2	1.3	2.1	0.56 J	0.28 J	0.15
Mercury, TCLP	ND	ND	ND	ND	ND	0.002
Nickel, TCLP	ND	ND	0.02 J	ND	ND	0.1
Selenium, TCLP	ND	ND	ND	ND	ND	0.05
Silver, TCLP	ND	ND	ND	ND	ND	0.05
Zinc, TCLP	0.1 J	0.5	0.066 J	0.03 J	ND	5.0
SPLP Metals (mg/l)						
Arsenic, SPLP	0.067	0.02 J	0.059 J	0.083	0.096	0.05
Barium, SPLP	0.41 J	0.19 J	0.36 J	0.54	0.68	2.0
Beryllium, SPLP	0.0068	ND	0.006 J	0.009	0.01	0.004
Cadmium, SPLP	ND	ND	ND	ND	ND	0.005
Chromium, SPLP	0.13	0.048	0.12 J	0.16	0.18	0.1
Cobalt, SPLP	0.055	0.016 J	0.051 J	0.054	0.064	1.0
Copper, SPLP	0.16	0.074	0.15 J	0.21	0.24	0.65
Iron, SPLP	140	49	130	180	210	5.0
Lead, SPLP	0.11	0.082	0.14 J	0.16	0.14	0.0075
Manganese, SPLP	0.64	0.4	0.76 J	0.77	0.89	0.15
Mercury, SPLP	ND	ND	ND	ND	ND	0.002
Nickel, SPLP	0.16	0.051	0.14 J	0.2	0.24	0.1
Selenium, SPLP	ND	ND	ND	ND	ND	0.05
Silver, SPLP	ND	ND	ND	ND	ND	0.05
Zinc, SPLP	0.39 J	0.32 J	0.42 J	0.49 J	0.57	5.0

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: 500-199752-1
Client Project/Site: IDOT - I-80 - WO 019

For:

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

Attn: Mr. Andris Slesers



Authorized for release by:
6/7/2021 2:42:41 PM

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

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:

www.eurofinsus.com/Env

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

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

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

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-1(0-2)-052621

Lab Sample ID: 500-199752-1

Date Collected: 05/26/21 08:20

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 89.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0070	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
Benzene	<0.0016		0.0016	0.00041	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
Bromodichloromethane	<0.0016		0.0016	0.00032	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
Bromoform	<0.0016		0.0016	0.00047	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
Bromomethane	<0.0040		0.0040	0.0015	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
Carbon disulfide	<0.0040		0.0040	0.00083	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
Carbon tetrachloride	<0.0016		0.0016	0.00046	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
Chlorobenzene	<0.0016		0.0016	0.00059	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
Chloroethane	<0.0040		0.0040	0.0012	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
Chloroform	<0.0016		0.0016	0.00055	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
Chloromethane	<0.0040		0.0040	0.0016	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00045	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00048	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
Dibromochloromethane	<0.0016		0.0016	0.00052	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
1,1-Dichloroethane	<0.0016		0.0016	0.00055	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
1,2-Dichloroethane	<0.0040		0.0040	0.0012	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
1,1-Dichloroethene	<0.0016		0.0016	0.00055	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
1,2-Dichloropropane	<0.0016		0.0016	0.00041	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00056	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
Ethylbenzene	<0.0016		0.0016	0.00076	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
2-Hexanone	<0.0040		0.0040	0.0012	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
Methylene Chloride	<0.0040		0.0040	0.0016	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
Methyl Ethyl Ketone	<0.0040		0.0040	0.0018	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
methyl isobutyl ketone	<0.0040		0.0040	0.0012	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00047	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
Styrene	<0.0016		0.0016	0.00048	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00051	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
Tetrachloroethene	<0.0016		0.0016	0.00054	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
Toluene	<0.0016		0.0016	0.00040	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00071	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00056	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00054	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00068	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
Trichloroethene	<0.0016		0.0016	0.00054	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
Vinyl chloride	<0.0016		0.0016	0.00071	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1
Xylenes, Total	<0.0032		0.0032	0.00051	mg/Kg	☼	05/27/21 17:55	05/28/21 17:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		75 - 131	05/27/21 17:55	05/28/21 17:24	1
Dibromofluoromethane	104		75 - 126	05/27/21 17:55	05/28/21 17:24	1
1,2-Dichloroethane-d4 (Surr)	115		70 - 134	05/27/21 17:55	05/28/21 17:24	1
Toluene-d8 (Surr)	103		75 - 124	05/27/21 17:55	05/28/21 17:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	☼	06/02/21 07:17	06/03/21 00:19	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	☼	06/02/21 07:17	06/03/21 00:19	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	06/02/21 07:17	06/03/21 00:19	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	☼	06/02/21 07:17	06/03/21 00:19	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	☼	06/02/21 07:17	06/03/21 00:19	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-1(0-2)-052621

Lab Sample ID: 500-199752-1

Date Collected: 05/26/21 08:20

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 89.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.085	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
2,4-Dichlorophenol	<0.37		0.37	0.088	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
2,4-Dinitrophenol	<0.75	F1	0.75	0.66	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
2,4-Dinitrotoluene	<0.19	F1 F2	0.19	0.059	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
2,6-Dinitrotoluene	<0.19	F1	0.19	0.073	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
2-Chlorophenol	<0.19		0.19	0.064	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
2-Methylnaphthalene	0.013	J	0.075	0.0069	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
2-Nitrophenol	<0.37	F1	0.37	0.088	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
3 & 4 Methylphenol	<0.19		0.19	0.062	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
3,3'-Dichlorobenzidine	<0.19	F1	0.19	0.052	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
3-Nitroaniline	<0.37	F2	0.37	0.12	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
4,6-Dinitro-2-methylphenol	<0.75	F1	0.75	0.30	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
4-Chloroaniline	<0.75	F1 F2	0.75	0.17	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
4-Nitroaniline	<0.37	F1 F2	0.37	0.16	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
4-Nitrophenol	<0.75		0.75	0.35	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
Acenaphthene	0.030	J	0.037	0.0067	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
Acenaphthylene	0.0071	J	0.037	0.0049	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
Anthracene	0.099		0.037	0.0062	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
Benzo[a]anthracene	0.37		0.037	0.0050	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
Benzo[a]pyrene	0.43	*3 F1	0.037	0.0072	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
Benzo[b]fluoranthene	0.72	*3 F1	0.037	0.0080	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
Benzo[g,h,i]perylene	0.13	*3 F1	0.037	0.012	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
Benzo[k]fluoranthene	0.30	*3	0.037	0.011	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
Bis(2-chloroethyl)ether	<0.19	F1 F2	0.19	0.056	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
Bis(2-ethylhexyl) phthalate	0.074	J F1	0.19	0.068	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
Butyl benzyl phthalate	0.36	F1	0.19	0.071	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
Carbazole	0.18	J	0.19	0.093	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
Chrysene	0.43		0.037	0.010	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
Dibenz(a,h)anthracene	0.045	*3 F1	0.037	0.0072	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
Diethyl phthalate	<0.19		0.19	0.063	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
Di-n-octyl phthalate	<0.19	F1	0.19	0.061	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
Fluoranthene	0.82	F1	0.037	0.0069	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
Fluorene	0.054		0.037	0.0052	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
Hexachlorobenzene	<0.075		0.075	0.0086	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
Hexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
Hexachlorocyclopentadiene	<0.75	F1	0.75	0.21	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1
Hexachloroethane	<0.19	F1	0.19	0.057	mg/Kg	✳	06/02/21 07:17	06/03/21 00:19	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-1(0-2)-052621

Lab Sample ID: 500-199752-1

Date Collected: 05/26/21 08:20

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 89.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.12	*3 F1	0.037	0.0097	mg/Kg	☼	06/02/21 07:17	06/03/21 00:19	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	06/02/21 07:17	06/03/21 00:19	1
Naphthalene	0.017	J	0.037	0.0057	mg/Kg	☼	06/02/21 07:17	06/03/21 00:19	1
Nitrobenzene	<0.037		0.037	0.0093	mg/Kg	☼	06/02/21 07:17	06/03/21 00:19	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.046	mg/Kg	☼	06/02/21 07:17	06/03/21 00:19	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☼	06/02/21 07:17	06/03/21 00:19	1
Pentachlorophenol	<0.75	*- F2	0.75	0.60	mg/Kg	☼	06/02/21 07:17	06/03/21 00:19	1
Phenanthrene	0.43		0.037	0.0052	mg/Kg	☼	06/02/21 07:17	06/03/21 00:19	1
Phenol	<0.19		0.19	0.083	mg/Kg	☼	06/02/21 07:17	06/03/21 00:19	1
Pyrene	1.2	F1	0.037	0.0074	mg/Kg	☼	06/02/21 07:17	06/03/21 00:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	71		31 - 143				06/02/21 07:17	06/03/21 00:19	1
2-Fluorobiphenyl	74		43 - 145				06/02/21 07:17	06/03/21 00:19	1
2-Fluorophenol	93		31 - 166				06/02/21 07:17	06/03/21 00:19	1
Nitrobenzene-d5	69		37 - 147				06/02/21 07:17	06/03/21 00:19	1
Phenol-d5	74		30 - 153				06/02/21 07:17	06/03/21 00:19	1
Terphenyl-d14	153		42 - 157				06/02/21 07:17	06/03/21 00:19	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/01/21 18:18	06/02/21 11:39	1
Barium	0.44	J	0.50	0.050	mg/L		06/01/21 18:18	06/02/21 11:39	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/01/21 18:18	06/02/21 11:39	1
Cadmium	0.0026	J	0.0050	0.0020	mg/L		06/01/21 18:18	06/02/21 11:39	1
Chromium	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:39	1
Cobalt	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:39	1
Copper	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:39	1
Iron	<0.40		0.40	0.20	mg/L		06/01/21 18:18	06/02/21 11:39	1
Lead	0.0098		0.0075	0.0075	mg/L		06/01/21 18:18	06/02/21 11:39	1
Manganese	0.97		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:39	1
Nickel	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:39	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:18	06/02/21 11:39	1
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:39	1
Zinc	0.099	J	0.50	0.020	mg/L		06/01/21 18:18	06/02/21 11:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.044	J	0.050	0.010	mg/L		06/01/21 18:21	06/02/21 10:43	1
Barium	0.36	J	0.50	0.050	mg/L		06/01/21 18:21	06/02/21 10:43	1
Beryllium	0.0055		0.0040	0.0040	mg/L		06/01/21 18:21	06/02/21 10:43	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/21 18:21	06/02/21 10:43	1
Chromium	0.11		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 10:43	1
Cobalt	0.028		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 10:43	1
Copper	0.12		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 10:43	1
Iron	110		0.40	0.20	mg/L		06/01/21 18:21	06/02/21 10:43	1
Lead	0.21		0.0075	0.0075	mg/L		06/01/21 18:21	06/02/21 10:43	1
Manganese	0.54		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 10:43	1
Nickel	0.11		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 10:43	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:21	06/02/21 10:43	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-1(0-2)-052621

Lab Sample ID: 500-199752-1

Date Collected: 05/26/21 08:20

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 89.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 10:43	1
Zinc	0.51		0.50	0.020	mg/L		06/01/21 18:21	06/02/21 10:43	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.56	J F1	1.0	0.20	mg/Kg	☆	06/01/21 17:09	06/02/21 12:35	1
Arsenic	5.5		0.52	0.18	mg/Kg	☆	06/01/21 17:09	06/02/21 12:35	1
Barium	59		0.52	0.060	mg/Kg	☆	06/01/21 17:09	06/02/21 12:35	1
Beryllium	0.62		0.21	0.049	mg/Kg	☆	06/01/21 17:09	06/02/21 12:35	1
Cadmium	0.57	B	0.10	0.019	mg/Kg	☆	06/01/21 17:09	06/02/21 12:35	1
Calcium	75000	B F2	52	8.9	mg/Kg	☆	06/01/21 17:09	06/03/21 12:08	5
Chromium	18		0.52	0.26	mg/Kg	☆	06/01/21 17:09	06/02/21 12:35	1
Cobalt	7.3		0.26	0.069	mg/Kg	☆	06/01/21 17:09	06/02/21 12:35	1
Copper	26		0.52	0.15	mg/Kg	☆	06/01/21 17:09	06/02/21 12:35	1
Iron	19000	B	52	27	mg/Kg	☆	06/01/21 17:09	06/03/21 12:08	5
Lead	99		0.26	0.12	mg/Kg	☆	06/01/21 17:09	06/02/21 12:35	1
Magnesium	43000	B F2	26	13	mg/Kg	☆	06/01/21 17:09	06/03/21 12:08	5
Manganese	400	B	0.52	0.076	mg/Kg	☆	06/01/21 17:09	06/02/21 12:35	1
Nickel	19		0.52	0.15	mg/Kg	☆	06/01/21 17:09	06/02/21 12:35	1
Potassium	1400	F1	26	9.3	mg/Kg	☆	06/01/21 17:09	06/02/21 12:35	1
Selenium	<0.52		0.52	0.31	mg/Kg	☆	06/01/21 17:09	06/02/21 12:35	1
Silver	0.29		0.26	0.068	mg/Kg	☆	06/01/21 17:09	06/02/21 12:35	1
Sodium	1200		52	7.8	mg/Kg	☆	06/01/21 17:09	06/02/21 12:35	1
Thallium	<0.52		0.52	0.26	mg/Kg	☆	06/01/21 17:09	06/02/21 12:35	1
Vanadium	20		0.26	0.062	mg/Kg	☆	06/01/21 17:09	06/02/21 12:35	1
Zinc	130		1.0	0.46	mg/Kg	☆	06/01/21 17:09	06/02/21 12:35	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 08:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 09:18	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.054		0.017	0.0056	mg/Kg	☆	06/01/21 13:20	06/02/21 06:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.5		0.2	0.2	SU			06/01/21 15:08	1

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-5(0-2)-052621

Lab Sample ID: 500-199752-3

Date Collected: 05/26/21 08:55

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 85.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0074	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
Benzene	<0.0017		0.0017	0.00043	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
Bromodichloromethane	<0.0017		0.0017	0.00034	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
Bromoform	<0.0017		0.0017	0.00049	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
Bromomethane	<0.0042		0.0042	0.0016	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
Carbon disulfide	<0.0042		0.0042	0.00088	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
Carbon tetrachloride	<0.0017		0.0017	0.00049	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
Chlorobenzene	<0.0017		0.0017	0.00062	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
Chloroethane	<0.0042		0.0042	0.0013	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
Chloroform	<0.0017		0.0017	0.00059	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
Chloromethane	<0.0042		0.0042	0.0017	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00047	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00051	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
Dibromochloromethane	<0.0017		0.0017	0.00055	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
1,1-Dichloroethane	<0.0017		0.0017	0.00058	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
1,2-Dichloroethane	<0.0042		0.0042	0.0013	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
1,1-Dichloroethene	<0.0017		0.0017	0.00058	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
1,2-Dichloropropane	<0.0017		0.0017	0.00044	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
1,3-Dichloropropane, Total	<0.0017		0.0017	0.00059	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
Ethylbenzene	<0.0017		0.0017	0.00081	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
2-Hexanone	<0.0042		0.0042	0.0013	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
Methylene Chloride	<0.0042		0.0042	0.0017	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
Methyl Ethyl Ketone	<0.0042		0.0042	0.0019	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
methyl isobutyl ketone	<0.0042		0.0042	0.0013	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00050	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
Styrene	<0.0017		0.0017	0.00051	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00054	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
Tetrachloroethene	<0.0017		0.0017	0.00058	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
Toluene	<0.0017		0.0017	0.00043	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00075	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00059	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00057	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00073	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
Trichloroethene	<0.0017		0.0017	0.00057	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
Vinyl chloride	<0.0017		0.0017	0.00075	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1
Xylenes, Total	<0.0034		0.0034	0.00054	mg/Kg	☼	05/27/21 17:55	05/28/21 18:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		75 - 131	05/27/21 17:55	05/28/21 18:14	1
Dibromofluoromethane	102		75 - 126	05/27/21 17:55	05/28/21 18:14	1
1,2-Dichloroethane-d4 (Surr)	109		70 - 134	05/27/21 17:55	05/28/21 18:14	1
Toluene-d8 (Surr)	106		75 - 124	05/27/21 17:55	05/28/21 18:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	06/02/21 07:17	06/02/21 18:38	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	☼	06/02/21 07:17	06/02/21 18:38	1
1,3-Dichlorobenzene	<0.19		0.19	0.044	mg/Kg	☼	06/02/21 07:17	06/02/21 18:38	1
1,4-Dichlorobenzene	<0.19		0.19	0.050	mg/Kg	☼	06/02/21 07:17	06/02/21 18:38	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.045	mg/Kg	☼	06/02/21 07:17	06/02/21 18:38	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-5(0-2)-052621

Lab Sample ID: 500-199752-3

Date Collected: 05/26/21 08:55

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 85.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.088	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
2,4-Dichlorophenol	<0.38		0.38	0.092	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
2,4-Dimethylphenol	<0.38		0.38	0.15	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
2,4-Dinitrophenol	<0.78		0.78	0.68	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
2,4-Dinitrotoluene	<0.19		0.19	0.062	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
2,6-Dinitrotoluene	<0.19		0.19	0.076	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
2-Chloronaphthalene	<0.19		0.19	0.043	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
2-Chlorophenol	<0.19		0.19	0.066	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
2-Methylnaphthalene	<0.078		0.078	0.0071	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
2-Methylphenol	<0.19		0.19	0.062	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
2-Nitroaniline	<0.19		0.19	0.052	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
2-Nitrophenol	<0.38		0.38	0.091	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
3 & 4 Methylphenol	<0.19		0.19	0.065	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.054	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
4,6-Dinitro-2-methylphenol	<0.78		0.78	0.31	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.051	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
4-Chloroaniline	<0.78		0.78	0.18	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
4-Nitrophenol	<0.78		0.78	0.37	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
Acenaphthene	<0.038		0.038	0.0070	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
Acenaphthylene	<0.038		0.038	0.0051	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
Anthracene	0.034	J	0.038	0.0065	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
Benzo[a]anthracene	0.024	J	0.038	0.0052	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
Benzo[a]pyrene	0.030	J	0.038	0.0075	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
Benzo[b]fluoranthene	0.047		0.038	0.0084	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
Benzo[g,h,i]perylene	0.047		0.038	0.012	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
Benzo[k]fluoranthene	0.015	J	0.038	0.011	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.040	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.058	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.071	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
Butyl benzyl phthalate	<0.19		0.19	0.074	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
Carbazole	0.15	J	0.19	0.097	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
Chrysene	0.035	J	0.038	0.011	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
Dibenz(a,h)anthracene	0.0077	J	0.038	0.0075	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
Diethyl phthalate	<0.19		0.19	0.066	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
Dimethyl phthalate	<0.19		0.19	0.051	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
Di-n-butyl phthalate	<0.19		0.19	0.059	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
Di-n-octyl phthalate	<0.19		0.19	0.063	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
Fluoranthene	0.073		0.038	0.0072	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
Fluorene	<0.038		0.038	0.0054	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
Hexachlorobenzene	<0.078		0.078	0.0090	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
Hexachlorobutadiene	<0.19		0.19	0.061	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
Hexachlorocyclopentadiene	<0.78		0.78	0.22	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1
Hexachloroethane	<0.19		0.19	0.059	mg/Kg	✳	06/02/21 07:17	06/02/21 18:38	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-5(0-2)-052621

Lab Sample ID: 500-199752-3

Date Collected: 05/26/21 08:55

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 85.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.018	J	0.038	0.010	mg/Kg	☼	06/02/21 07:17	06/02/21 18:38	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	06/02/21 07:17	06/02/21 18:38	1
Naphthalene	<0.038		0.038	0.0060	mg/Kg	☼	06/02/21 07:17	06/02/21 18:38	1
Nitrobenzene	<0.038		0.038	0.0097	mg/Kg	☼	06/02/21 07:17	06/02/21 18:38	1
N-Nitrosodi-n-propylamine	<0.078		0.078	0.047	mg/Kg	☼	06/02/21 07:17	06/02/21 18:38	1
N-Nitrosodiphenylamine	<0.19		0.19	0.046	mg/Kg	☼	06/02/21 07:17	06/02/21 18:38	1
Pentachlorophenol	<0.78	*-	0.78	0.62	mg/Kg	☼	06/02/21 07:17	06/02/21 18:38	1
Phenanthrene	0.055		0.038	0.0054	mg/Kg	☼	06/02/21 07:17	06/02/21 18:38	1
Phenol	<0.19		0.19	0.086	mg/Kg	☼	06/02/21 07:17	06/02/21 18:38	1
Pyrene	0.047		0.038	0.0077	mg/Kg	☼	06/02/21 07:17	06/02/21 18:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	74		31 - 143				06/02/21 07:17	06/02/21 18:38	1
2-Fluorobiphenyl	76		43 - 145				06/02/21 07:17	06/02/21 18:38	1
2-Fluorophenol	97		31 - 166				06/02/21 07:17	06/02/21 18:38	1
Nitrobenzene-d5	71		37 - 147				06/02/21 07:17	06/02/21 18:38	1
Phenol-d5	81		30 - 153				06/02/21 07:17	06/02/21 18:38	1
Terphenyl-d14	116		42 - 157				06/02/21 07:17	06/02/21 18:38	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/01/21 18:18	06/02/21 11:46	1
Barium	0.44	J	0.50	0.050	mg/L		06/01/21 18:18	06/02/21 11:46	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/01/21 18:18	06/02/21 11:46	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/21 18:18	06/02/21 11:46	1
Chromium	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:46	1
Cobalt	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:46	1
Copper	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:46	1
Iron	<0.40		0.40	0.20	mg/L		06/01/21 18:18	06/02/21 11:46	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/01/21 18:18	06/02/21 11:46	1
Manganese	0.68		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:46	1
Nickel	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:46	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:18	06/02/21 11:46	1
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:46	1
Zinc	<0.50		0.50	0.020	mg/L		06/01/21 18:18	06/02/21 11:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.11		0.050	0.010	mg/L		06/01/21 18:21	06/02/21 10:49	1
Barium	0.61		0.50	0.050	mg/L		06/01/21 18:21	06/02/21 10:49	1
Beryllium	0.0099		0.0040	0.0040	mg/L		06/01/21 18:21	06/02/21 10:49	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/21 18:21	06/02/21 10:49	1
Chromium	0.20		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 10:49	1
Cobalt	0.066		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 10:49	1
Copper	0.24		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 10:49	1
Iron	220		0.40	0.20	mg/L		06/01/21 18:21	06/02/21 10:49	1
Lead	0.15		0.0075	0.0075	mg/L		06/01/21 18:21	06/02/21 10:49	1
Manganese	0.83		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 10:49	1
Nickel	0.24		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 10:49	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:21	06/02/21 10:49	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-5(0-2)-052621

Lab Sample ID: 500-199752-3

Date Collected: 05/26/21 08:55

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 85.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 10:49	1
Zinc	0.62		0.50	0.020	mg/L		06/01/21 18:21	06/02/21 10:49	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.85	J	1.2	0.22	mg/Kg	✧	06/01/21 17:09	06/02/21 12:55	1
Arsenic	8.4		0.58	0.20	mg/Kg	✧	06/01/21 17:09	06/02/21 12:55	1
Barium	63		0.58	0.066	mg/Kg	✧	06/01/21 17:09	06/02/21 12:55	1
Beryllium	0.83		0.23	0.054	mg/Kg	✧	06/01/21 17:09	06/02/21 12:55	1
Cadmium	0.14	B	0.12	0.021	mg/Kg	✧	06/01/21 17:09	06/02/21 12:55	1
Calcium	20000	B	12	2.0	mg/Kg	✧	06/01/21 17:09	06/02/21 12:55	1
Chromium	19		0.58	0.29	mg/Kg	✧	06/01/21 17:09	06/02/21 12:55	1
Cobalt	10		0.29	0.076	mg/Kg	✧	06/01/21 17:09	06/02/21 12:55	1
Copper	18		0.58	0.16	mg/Kg	✧	06/01/21 17:09	06/02/21 12:55	1
Iron	19000	B	12	6.0	mg/Kg	✧	06/01/21 17:09	06/02/21 12:55	1
Lead	16		0.29	0.13	mg/Kg	✧	06/01/21 17:09	06/02/21 12:55	1
Magnesium	13000	B	5.8	2.9	mg/Kg	✧	06/01/21 17:09	06/02/21 12:55	1
Manganese	310	B	0.58	0.084	mg/Kg	✧	06/01/21 17:09	06/02/21 12:55	1
Nickel	24		0.58	0.17	mg/Kg	✧	06/01/21 17:09	06/02/21 12:55	1
Potassium	2100		29	10	mg/Kg	✧	06/01/21 17:09	06/02/21 12:55	1
Selenium	0.57	J	0.58	0.34	mg/Kg	✧	06/01/21 17:09	06/02/21 12:55	1
Silver	0.45		0.29	0.074	mg/Kg	✧	06/01/21 17:09	06/02/21 12:55	1
Sodium	3000		58	8.5	mg/Kg	✧	06/01/21 17:09	06/02/21 12:55	1
Thallium	<0.58		0.58	0.29	mg/Kg	✧	06/01/21 17:09	06/02/21 12:55	1
Vanadium	33		0.29	0.068	mg/Kg	✧	06/01/21 17:09	06/02/21 12:55	1
Zinc	58		1.2	0.51	mg/Kg	✧	06/01/21 17:09	06/02/21 12:55	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 08:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 09:22	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.020		0.018	0.0060	mg/Kg	✧	06/01/21 13:20	06/02/21 06:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.5		0.2	0.2	SU			06/01/21 15:11	1

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-7(0-2)-052621

Lab Sample ID: 500-199752-4

Date Collected: 05/26/21 09:05

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 84.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0074	mg/Kg	☼	05/27/21 17:55	05/28/21 18:40	1
Benzene	<0.0017		0.0017	0.00043	mg/Kg	☼	05/27/21 17:55	05/28/21 18:40	1
Bromodichloromethane	<0.0017		0.0017	0.00035	mg/Kg	☼	05/27/21 17:55	05/28/21 18:40	1
Bromoform	<0.0017		0.0017	0.00050	mg/Kg	☼	05/27/21 17:55	05/28/21 18:40	1
Bromomethane	<0.0042		0.0042	0.0016	mg/Kg	☼	05/27/21 17:55	05/28/21 18:40	1
Carbon disulfide	<0.0042		0.0042	0.00088	mg/Kg	☼	05/27/21 17:55	05/28/21 18:40	1
Carbon tetrachloride	<0.0017		0.0017	0.00049	mg/Kg	☼	05/27/21 17:55	05/28/21 18:40	1
Chlorobenzene	<0.0017		0.0017	0.00063	mg/Kg	☼	05/27/21 17:55	05/28/21 18:40	1
Chloroethane	<0.0042		0.0042	0.0013	mg/Kg	☼	05/27/21 17:55	05/28/21 18:40	1
Chloroform	<0.0017		0.0017	0.00059	mg/Kg	☼	05/27/21 17:55	05/28/21 18:40	1
Chloromethane	<0.0042		0.0042	0.0017	mg/Kg	☼	05/27/21 17:55	05/28/21 18:40	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00047	mg/Kg	☼	05/27/21 17:55	05/28/21 18:40	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00051	mg/Kg	☼	05/27/21 17:55	05/28/21 18:40	1
Dibromochloromethane	<0.0017		0.0017	0.00056	mg/Kg	☼	05/27/21 17:55	05/28/21 18:40	1
1,1-Dichloroethane	<0.0017		0.0017	0.00058	mg/Kg	☼	05/27/21 17:55	05/28/21 18:40	1
1,2-Dichloroethane	<0.0042		0.0042	0.0013	mg/Kg	☼	05/27/21 17:55	05/28/21 18:40	1
1,1-Dichloroethene	<0.0017		0.0017	0.00058	mg/Kg	☼	05/27/21 17:55	05/28/21 18:40	1
1,2-Dichloropropane	<0.0017		0.0017	0.00044	mg/Kg	☼	05/27/21 17:55	05/28/21 18:40	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00060	mg/Kg	☼	05/27/21 17:55	05/28/21 18:40	1
Ethylbenzene	<0.0017		0.0017	0.00081	mg/Kg	☼	05/27/21 17:55	05/28/21 18:40	1
2-Hexanone	<0.0042		0.0042	0.0013	mg/Kg	☼	05/27/21 17:55	05/28/21 18:40	1
Methylene Chloride	<0.0042		0.0042	0.0017	mg/Kg	☼	05/27/21 17:55	05/28/21 18:40	1
Methyl Ethyl Ketone	<0.0042		0.0042	0.0019	mg/Kg	☼	05/27/21 17:55	05/28/21 18:40	1
methyl isobutyl ketone	<0.0042		0.0042	0.0013	mg/Kg	☼	05/27/21 17:55	05/28/21 18:40	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00050	mg/Kg	☼	05/27/21 17:55	05/28/21 18:40	1
Styrene	<0.0017		0.0017	0.00051	mg/Kg	☼	05/27/21 17:55	05/28/21 18:40	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00054	mg/Kg	☼	05/27/21 17:55	05/28/21 18:40	1
Tetrachloroethene	<0.0017		0.0017	0.00058	mg/Kg	☼	05/27/21 17:55	05/28/21 18:40	1
Toluene	<0.0017		0.0017	0.00043	mg/Kg	☼	05/27/21 17:55	05/28/21 18:40	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00075	mg/Kg	☼	05/27/21 17:55	05/28/21 18:40	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00060	mg/Kg	☼	05/27/21 17:55	05/28/21 18:40	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00057	mg/Kg	☼	05/27/21 17:55	05/28/21 18:40	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00073	mg/Kg	☼	05/27/21 17:55	05/28/21 18:40	1
Trichloroethene	<0.0017		0.0017	0.00057	mg/Kg	☼	05/27/21 17:55	05/28/21 18:40	1
Vinyl chloride	<0.0017		0.0017	0.00075	mg/Kg	☼	05/27/21 17:55	05/28/21 18:40	1
Xylenes, Total	<0.0034		0.0034	0.00054	mg/Kg	☼	05/27/21 17:55	05/28/21 18:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		75 - 131	05/27/21 17:55	05/28/21 18:40	1
Dibromofluoromethane	105		75 - 126	05/27/21 17:55	05/28/21 18:40	1
1,2-Dichloroethane-d4 (Surr)	119		70 - 134	05/27/21 17:55	05/28/21 18:40	1
Toluene-d8 (Surr)	101		75 - 124	05/27/21 17:55	05/28/21 18:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	☼	06/02/21 07:17	06/02/21 21:28	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	☼	06/02/21 07:17	06/02/21 21:28	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	☼	06/02/21 07:17	06/02/21 21:28	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	☼	06/02/21 07:17	06/02/21 21:28	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	☼	06/02/21 07:17	06/02/21 21:28	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-7(0-2)-052621

Lab Sample ID: 500-199752-4

Date Collected: 05/26/21 09:05

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 84.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.087	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
2,4-Dichlorophenol	<0.38		0.38	0.091	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
2,4-Dimethylphenol	<0.38		0.38	0.15	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
2,4-Dinitrophenol	<0.77		0.77	0.67	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
2,4-Dinitrotoluene	<0.19		0.19	0.061	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
2,6-Dinitrotoluene	<0.19		0.19	0.075	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
2-Chlorophenol	<0.19		0.19	0.065	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
2-Methylnaphthalene	<0.077		0.077	0.0070	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
2-Methylphenol	<0.19		0.19	0.061	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
2-Nitrophenol	<0.38		0.38	0.090	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
3 & 4 Methylphenol	<0.19		0.19	0.064	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.054	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
4,6-Dinitro-2-methylphenol	<0.77		0.77	0.31	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
4-Chloroaniline	<0.77		0.77	0.18	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
4-Nitrophenol	<0.77		0.77	0.36	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
Acenaphthene	0.014	J	0.038	0.0069	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
Acenaphthylene	<0.038		0.038	0.0050	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
Anthracene	0.060		0.038	0.0064	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
Benzo[a]anthracene	0.11		0.038	0.0051	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
Benzo[a]pyrene	0.15		0.038	0.0074	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
Benzo[b]fluoranthene	0.23		0.038	0.0083	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
Benzo[g,h,i]perylene	0.062		0.038	0.012	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
Benzo[k]fluoranthene	0.091		0.038	0.011	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.057	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.070	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
Butyl benzyl phthalate	<0.19		0.19	0.073	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
Carbazole	0.15	J	0.19	0.096	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
Chrysene	0.12		0.038	0.010	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
Dibenz(a,h)anthracene	0.013	J	0.038	0.0074	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
Diethyl phthalate	<0.19		0.19	0.065	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
Di-n-butyl phthalate	<0.19		0.19	0.058	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
Di-n-octyl phthalate	<0.19		0.19	0.062	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
Fluoranthene	0.25		0.038	0.0071	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
Fluorene	0.039		0.038	0.0054	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
Hexachlorobenzene	<0.077		0.077	0.0089	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
Hexachlorobutadiene	<0.19		0.19	0.060	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
Hexachlorocyclopentadiene	<0.77		0.77	0.22	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1
Hexachloroethane	<0.19		0.19	0.058	mg/Kg	✳	06/02/21 07:17	06/02/21 21:28	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-7(0-2)-052621

Lab Sample ID: 500-199752-4

Date Collected: 05/26/21 09:05

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 84.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.045		0.038	0.0099	mg/Kg	☼	06/02/21 07:17	06/02/21 21:28	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	06/02/21 07:17	06/02/21 21:28	1
Naphthalene	<0.038		0.038	0.0059	mg/Kg	☼	06/02/21 07:17	06/02/21 21:28	1
Nitrobenzene	<0.038		0.038	0.0095	mg/Kg	☼	06/02/21 07:17	06/02/21 21:28	1
N-Nitrosodi-n-propylamine	<0.077		0.077	0.047	mg/Kg	☼	06/02/21 07:17	06/02/21 21:28	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	☼	06/02/21 07:17	06/02/21 21:28	1
Pentachlorophenol	<0.77	*-	0.77	0.61	mg/Kg	☼	06/02/21 07:17	06/02/21 21:28	1
Phenanthrene	0.17		0.038	0.0053	mg/Kg	☼	06/02/21 07:17	06/02/21 21:28	1
Phenol	<0.19		0.19	0.085	mg/Kg	☼	06/02/21 07:17	06/02/21 21:28	1
Pyrene	0.22		0.038	0.0076	mg/Kg	☼	06/02/21 07:17	06/02/21 21:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	61		31 - 143				06/02/21 07:17	06/02/21 21:28	1
2-Fluorobiphenyl	74		43 - 145				06/02/21 07:17	06/02/21 21:28	1
2-Fluorophenol	93		31 - 166				06/02/21 07:17	06/02/21 21:28	1
Nitrobenzene-d5	67		37 - 147				06/02/21 07:17	06/02/21 21:28	1
Phenol-d5	74		30 - 153				06/02/21 07:17	06/02/21 21:28	1
Terphenyl-d14	91		42 - 157				06/02/21 07:17	06/02/21 21:28	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/01/21 18:18	06/02/21 11:50	1
Barium	0.46	J	0.50	0.050	mg/L		06/01/21 18:18	06/02/21 11:50	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/01/21 18:18	06/02/21 11:50	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/21 18:18	06/02/21 11:50	1
Chromium	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:50	1
Cobalt	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:50	1
Copper	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:50	1
Iron	<0.40		0.40	0.20	mg/L		06/01/21 18:18	06/02/21 11:50	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/01/21 18:18	06/02/21 11:50	1
Manganese	0.29		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:50	1
Nickel	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:50	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:18	06/02/21 11:50	1
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:50	1
Zinc	0.038	J	0.50	0.020	mg/L		06/01/21 18:18	06/02/21 11:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.060		0.050	0.010	mg/L		06/01/21 18:21	06/02/21 10:52	1
Barium	0.49	J	0.50	0.050	mg/L		06/01/21 18:21	06/02/21 10:52	1
Beryllium	0.0068		0.0040	0.0040	mg/L		06/01/21 18:21	06/02/21 10:52	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/21 18:21	06/02/21 10:52	1
Chromium	0.15		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 10:52	1
Cobalt	0.047		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 10:52	1
Copper	0.18		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 10:52	1
Iron	140		0.40	0.20	mg/L		06/01/21 18:21	06/02/21 10:52	1
Lead	0.23		0.0075	0.0075	mg/L		06/01/21 18:21	06/02/21 10:52	1
Manganese	0.68		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 10:52	1
Nickel	0.15		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 10:52	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:21	06/02/21 10:52	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-7(0-2)-052621

Lab Sample ID: 500-199752-4

Date Collected: 05/26/21 09:05

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 84.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 10:52	1
Zinc	0.64		0.50	0.020	mg/L		06/01/21 18:21	06/02/21 10:52	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.93	J	1.2	0.23	mg/Kg	✧	06/01/21 17:09	06/02/21 12:59	1
Arsenic	8.0		0.58	0.20	mg/Kg	✧	06/01/21 17:09	06/02/21 12:59	1
Barium	81		0.58	0.066	mg/Kg	✧	06/01/21 17:09	06/02/21 12:59	1
Beryllium	0.76		0.23	0.054	mg/Kg	✧	06/01/21 17:09	06/02/21 12:59	1
Cadmium	0.42	B	0.12	0.021	mg/Kg	✧	06/01/21 17:09	06/02/21 12:59	1
Calcium	62000	B	58	9.8	mg/Kg	✧	06/01/21 17:09	06/03/21 12:27	5
Chromium	23		0.58	0.29	mg/Kg	✧	06/01/21 17:09	06/02/21 12:59	1
Cobalt	13		0.29	0.076	mg/Kg	✧	06/01/21 17:09	06/02/21 12:59	1
Copper	25		0.58	0.16	mg/Kg	✧	06/01/21 17:09	06/02/21 12:59	1
Iron	20000	B	12	6.0	mg/Kg	✧	06/01/21 17:09	06/02/21 12:59	1
Lead	33		0.29	0.13	mg/Kg	✧	06/01/21 17:09	06/02/21 12:59	1
Magnesium	25000	B	5.8	2.9	mg/Kg	✧	06/01/21 17:09	06/02/21 12:59	1
Manganese	460	B	0.58	0.084	mg/Kg	✧	06/01/21 17:09	06/02/21 12:59	1
Nickel	29		0.58	0.17	mg/Kg	✧	06/01/21 17:09	06/02/21 12:59	1
Potassium	2100		29	10	mg/Kg	✧	06/01/21 17:09	06/02/21 12:59	1
Selenium	<0.58		0.58	0.34	mg/Kg	✧	06/01/21 17:09	06/02/21 12:59	1
Silver	0.45		0.29	0.075	mg/Kg	✧	06/01/21 17:09	06/02/21 12:59	1
Sodium	2100		58	8.6	mg/Kg	✧	06/01/21 17:09	06/02/21 12:59	1
Thallium	<0.58		0.58	0.29	mg/Kg	✧	06/01/21 17:09	06/02/21 12:59	1
Vanadium	26		0.29	0.068	mg/Kg	✧	06/01/21 17:09	06/02/21 12:59	1
Zinc	100		1.2	0.51	mg/Kg	✧	06/01/21 17:09	06/02/21 12:59	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 08:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 09:24	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.027		0.019	0.0062	mg/Kg	✧	06/01/21 13:20	06/02/21 07:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.6		0.2	0.2	SU			06/01/21 15:13	1

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-9(0-2)-052621

Lab Sample ID: 500-199752-5

Date Collected: 05/26/21 09:20

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 84.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0074	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
Benzene	<0.0017		0.0017	0.00043	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
Bromodichloromethane	<0.0017		0.0017	0.00035	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
Bromoform	<0.0017		0.0017	0.00050	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
Bromomethane	<0.0043		0.0043	0.0016	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
Carbon disulfide	<0.0043		0.0043	0.00088	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
Carbon tetrachloride	<0.0017		0.0017	0.00049	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
Chlorobenzene	<0.0017		0.0017	0.00063	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
Chloroethane	<0.0043		0.0043	0.0013	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
Chloroform	<0.0017		0.0017	0.00059	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
Chloromethane	<0.0043		0.0043	0.0017	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00048	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00051	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
Dibromochloromethane	<0.0017		0.0017	0.00056	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
1,1-Dichloroethane	<0.0017		0.0017	0.00058	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
1,2-Dichloroethane	<0.0043		0.0043	0.0013	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
1,1-Dichloroethene	<0.0017		0.0017	0.00059	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
1,2-Dichloropropane	<0.0017		0.0017	0.00044	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
1,3-Dichloropropane, Total	<0.0017		0.0017	0.00060	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
Ethylbenzene	<0.0017		0.0017	0.00081	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
2-Hexanone	<0.0043		0.0043	0.0013	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
Methylene Chloride	<0.0043		0.0043	0.0017	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
Methyl Ethyl Ketone	<0.0043		0.0043	0.0019	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
methyl isobutyl ketone	<0.0043		0.0043	0.0013	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00050	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
Styrene	<0.0017		0.0017	0.00051	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00054	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
Tetrachloroethene	<0.0017		0.0017	0.00058	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
Toluene	<0.0017		0.0017	0.00043	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00075	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00060	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00057	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00073	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
Trichloroethene	<0.0017		0.0017	0.00057	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
Vinyl chloride	<0.0017		0.0017	0.00075	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1
Xylenes, Total	<0.0034		0.0034	0.00054	mg/Kg	✳	05/27/21 17:55	05/28/21 19:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		75 - 131	05/27/21 17:55	05/28/21 19:05	1
Dibromofluoromethane	102		75 - 126	05/27/21 17:55	05/28/21 19:05	1
1,2-Dichloroethane-d4 (Surr)	111		70 - 134	05/27/21 17:55	05/28/21 19:05	1
Toluene-d8 (Surr)	104		75 - 124	05/27/21 17:55	05/28/21 19:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.042	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
1,4-Dichlorobenzene	<0.20		0.20	0.050	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.045	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-9(0-2)-052621

Lab Sample ID: 500-199752-5

Date Collected: 05/26/21 09:20

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 84.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.089	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
2,4,6-Trichlorophenol	<0.39		0.39	0.13	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
2,4-Dichlorophenol	<0.39		0.39	0.093	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
2,4-Dinitrophenol	<0.79		0.79	0.69	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
2,4-Dinitrotoluene	<0.20		0.20	0.062	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
2,6-Dinitrotoluene	<0.20		0.20	0.077	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
2-Chloronaphthalene	<0.20		0.20	0.043	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
2-Chlorophenol	<0.20		0.20	0.067	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
2-Methylnaphthalene	<0.079		0.079	0.0072	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
2-Nitrophenol	<0.39		0.39	0.093	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
3 & 4 Methylphenol	<0.20		0.20	0.065	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.32	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
4-Chloroaniline	<0.79		0.79	0.18	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
4-Nitroaniline	<0.39		0.39	0.16	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
4-Nitrophenol	<0.79		0.79	0.37	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
Acenaphthene	<0.039		0.039	0.0070	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
Anthracene	0.046		0.039	0.0065	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
Benzo[a]anthracene	0.14		0.039	0.0053	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
Benzo[a]pyrene	0.24		0.039	0.0076	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
Benzo[b]fluoranthene	0.42		0.039	0.0085	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
Benzo[g,h,i]perylene	0.080		0.039	0.013	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
Benzo[k]fluoranthene	0.13		0.039	0.012	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
Butyl benzyl phthalate	<0.20		0.20	0.075	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
Carbazole	0.16 J		0.20	0.098	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
Chrysene	0.20		0.039	0.011	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
Dibenz(a,h)anthracene	0.022 J		0.039	0.0076	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
Diethyl phthalate	<0.20		0.20	0.066	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
Dimethyl phthalate	<0.20		0.20	0.051	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
Fluoranthene	0.31		0.039	0.0073	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
Fluorene	0.035 J		0.039	0.0055	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
Hexachlorobenzene	<0.079		0.079	0.0091	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
Hexachlorocyclopentadiene	<0.79		0.79	0.23	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1
Hexachloroethane	<0.20		0.20	0.060	mg/Kg	✳	06/02/21 07:17	06/02/21 22:17	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-9(0-2)-052621

Lab Sample ID: 500-199752-5

Date Collected: 05/26/21 09:20

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 84.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.058		0.039	0.010	mg/Kg	☼	06/02/21 07:17	06/02/21 22:17	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	06/02/21 07:17	06/02/21 22:17	1
Naphthalene	<0.039		0.039	0.0060	mg/Kg	☼	06/02/21 07:17	06/02/21 22:17	1
Nitrobenzene	<0.039		0.039	0.0098	mg/Kg	☼	06/02/21 07:17	06/02/21 22:17	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.048	mg/Kg	☼	06/02/21 07:17	06/02/21 22:17	1
N-Nitrosodiphenylamine	<0.20		0.20	0.046	mg/Kg	☼	06/02/21 07:17	06/02/21 22:17	1
Pentachlorophenol	<0.79	*-	0.79	0.63	mg/Kg	☼	06/02/21 07:17	06/02/21 22:17	1
Phenanthrene	0.11		0.039	0.0055	mg/Kg	☼	06/02/21 07:17	06/02/21 22:17	1
Phenol	<0.20		0.20	0.087	mg/Kg	☼	06/02/21 07:17	06/02/21 22:17	1
Pyrene	0.33		0.039	0.0078	mg/Kg	☼	06/02/21 07:17	06/02/21 22:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	69		31 - 143				06/02/21 07:17	06/02/21 22:17	1
2-Fluorobiphenyl	76		43 - 145				06/02/21 07:17	06/02/21 22:17	1
2-Fluorophenol	98		31 - 166				06/02/21 07:17	06/02/21 22:17	1
Nitrobenzene-d5	64		37 - 147				06/02/21 07:17	06/02/21 22:17	1
Phenol-d5	85		30 - 153				06/02/21 07:17	06/02/21 22:17	1
Terphenyl-d14	112		42 - 157				06/02/21 07:17	06/02/21 22:17	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/01/21 18:18	06/02/21 11:54	1
Barium	0.39	J	0.50	0.050	mg/L		06/01/21 18:18	06/02/21 11:54	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/01/21 18:18	06/02/21 11:54	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/21 18:18	06/02/21 11:54	1
Chromium	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:54	1
Cobalt	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:54	1
Copper	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:54	1
Iron	<0.40		0.40	0.20	mg/L		06/01/21 18:18	06/02/21 11:54	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/01/21 18:18	06/02/21 11:54	1
Manganese	0.74		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:54	1
Nickel	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:54	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:18	06/02/21 11:54	1
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:54	1
Zinc	0.041	J	0.50	0.020	mg/L		06/01/21 18:18	06/02/21 11:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.10		0.050	0.010	mg/L		06/01/21 18:21	06/02/21 10:55	1
Barium	0.51		0.50	0.050	mg/L		06/01/21 18:21	06/02/21 10:55	1
Beryllium	0.0095		0.0040	0.0040	mg/L		06/01/21 18:21	06/02/21 10:55	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/21 18:21	06/02/21 10:55	1
Chromium	0.19		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 10:55	1
Cobalt	0.061		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 10:55	1
Copper	0.24		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 10:55	1
Iron	200		0.40	0.20	mg/L		06/01/21 18:21	06/02/21 10:55	1
Lead	0.17		0.0075	0.0075	mg/L		06/01/21 18:21	06/02/21 10:55	1
Manganese	0.83		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 10:55	1
Nickel	0.22		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 10:55	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:21	06/02/21 10:55	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-9(0-2)-052621

Lab Sample ID: 500-199752-5

Date Collected: 05/26/21 09:20

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 84.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 10:55	1
Zinc	0.68		0.50	0.020	mg/L		06/01/21 18:21	06/02/21 10:55	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.72	J	1.2	0.23	mg/Kg	☆	06/01/21 17:09	06/02/21 13:02	1
Arsenic	7.1		0.58	0.20	mg/Kg	☆	06/01/21 17:09	06/02/21 13:02	1
Barium	49		0.58	0.066	mg/Kg	☆	06/01/21 17:09	06/02/21 13:02	1
Beryllium	0.74		0.23	0.054	mg/Kg	☆	06/01/21 17:09	06/02/21 13:02	1
Cadmium	0.33	B	0.12	0.021	mg/Kg	☆	06/01/21 17:09	06/02/21 13:02	1
Calcium	69000	B	58	9.9	mg/Kg	☆	06/01/21 17:09	06/03/21 12:30	5
Chromium	19		0.58	0.29	mg/Kg	☆	06/01/21 17:09	06/02/21 13:02	1
Cobalt	11		0.29	0.076	mg/Kg	☆	06/01/21 17:09	06/02/21 13:02	1
Copper	21		0.58	0.16	mg/Kg	☆	06/01/21 17:09	06/02/21 13:02	1
Iron	17000	B	12	6.1	mg/Kg	☆	06/01/21 17:09	06/02/21 13:02	1
Lead	25		0.29	0.13	mg/Kg	☆	06/01/21 17:09	06/02/21 13:02	1
Magnesium	30000	B	5.8	2.9	mg/Kg	☆	06/01/21 17:09	06/02/21 13:02	1
Manganese	390	B	0.58	0.084	mg/Kg	☆	06/01/21 17:09	06/02/21 13:02	1
Nickel	27		0.58	0.17	mg/Kg	☆	06/01/21 17:09	06/02/21 13:02	1
Potassium	2700		29	10	mg/Kg	☆	06/01/21 17:09	06/02/21 13:02	1
Selenium	0.43	J	0.58	0.34	mg/Kg	☆	06/01/21 17:09	06/02/21 13:02	1
Silver	0.41		0.29	0.075	mg/Kg	☆	06/01/21 17:09	06/02/21 13:02	1
Sodium	1900		58	8.6	mg/Kg	☆	06/01/21 17:09	06/02/21 13:02	1
Thallium	<0.58		0.58	0.29	mg/Kg	☆	06/01/21 17:09	06/02/21 13:02	1
Vanadium	23		0.29	0.069	mg/Kg	☆	06/01/21 17:09	06/02/21 13:02	1
Zinc	83		1.2	0.51	mg/Kg	☆	06/01/21 17:09	06/02/21 13:02	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 08:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 09:26	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.018	J	0.019	0.0062	mg/Kg	☆	06/01/21 13:20	06/02/21 07:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.7		0.2	0.2	SU			06/01/21 15:15	1

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-11(0-2)-052621

Lab Sample ID: 500-199752-6

Date Collected: 05/26/21 09:35

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 88.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0073	mg/Kg	✳	05/27/21 17:55	05/28/21 19:30	1
Benzene	<0.0017		0.0017	0.00042	mg/Kg	✳	05/27/21 17:55	05/28/21 19:30	1
Bromodichloromethane	<0.0017		0.0017	0.00034	mg/Kg	✳	05/27/21 17:55	05/28/21 19:30	1
Bromoform	<0.0017		0.0017	0.00049	mg/Kg	✳	05/27/21 17:55	05/28/21 19:30	1
Bromomethane	<0.0042		0.0042	0.0016	mg/Kg	✳	05/27/21 17:55	05/28/21 19:30	1
Carbon disulfide	<0.0042		0.0042	0.00087	mg/Kg	✳	05/27/21 17:55	05/28/21 19:30	1
Carbon tetrachloride	<0.0017		0.0017	0.00048	mg/Kg	✳	05/27/21 17:55	05/28/21 19:30	1
Chlorobenzene	<0.0017		0.0017	0.00061	mg/Kg	✳	05/27/21 17:55	05/28/21 19:30	1
Chloroethane	<0.0042		0.0042	0.0012	mg/Kg	✳	05/27/21 17:55	05/28/21 19:30	1
Chloroform	<0.0017		0.0017	0.00058	mg/Kg	✳	05/27/21 17:55	05/28/21 19:30	1
Chloromethane	<0.0042		0.0042	0.0017	mg/Kg	✳	05/27/21 17:55	05/28/21 19:30	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00047	mg/Kg	✳	05/27/21 17:55	05/28/21 19:30	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00050	mg/Kg	✳	05/27/21 17:55	05/28/21 19:30	1
Dibromochloromethane	<0.0017		0.0017	0.00054	mg/Kg	✳	05/27/21 17:55	05/28/21 19:30	1
1,1-Dichloroethane	<0.0017		0.0017	0.00057	mg/Kg	✳	05/27/21 17:55	05/28/21 19:30	1
1,2-Dichloroethane	<0.0042		0.0042	0.0013	mg/Kg	✳	05/27/21 17:55	05/28/21 19:30	1
1,1-Dichloroethene	<0.0017		0.0017	0.00057	mg/Kg	✳	05/27/21 17:55	05/28/21 19:30	1
1,2-Dichloropropane	<0.0017		0.0017	0.00043	mg/Kg	✳	05/27/21 17:55	05/28/21 19:30	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00058	mg/Kg	✳	05/27/21 17:55	05/28/21 19:30	1
Ethylbenzene	<0.0017		0.0017	0.00080	mg/Kg	✳	05/27/21 17:55	05/28/21 19:30	1
2-Hexanone	<0.0042		0.0042	0.0013	mg/Kg	✳	05/27/21 17:55	05/28/21 19:30	1
Methylene Chloride	<0.0042		0.0042	0.0016	mg/Kg	✳	05/27/21 17:55	05/28/21 19:30	1
Methyl Ethyl Ketone	<0.0042		0.0042	0.0018	mg/Kg	✳	05/27/21 17:55	05/28/21 19:30	1
methyl isobutyl ketone	<0.0042		0.0042	0.0012	mg/Kg	✳	05/27/21 17:55	05/28/21 19:30	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00049	mg/Kg	✳	05/27/21 17:55	05/28/21 19:30	1
Styrene	<0.0017		0.0017	0.00050	mg/Kg	✳	05/27/21 17:55	05/28/21 19:30	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00053	mg/Kg	✳	05/27/21 17:55	05/28/21 19:30	1
Tetrachloroethene	<0.0017		0.0017	0.00057	mg/Kg	✳	05/27/21 17:55	05/28/21 19:30	1
Toluene	<0.0017		0.0017	0.00042	mg/Kg	✳	05/27/21 17:55	05/28/21 19:30	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00074	mg/Kg	✳	05/27/21 17:55	05/28/21 19:30	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00058	mg/Kg	✳	05/27/21 17:55	05/28/21 19:30	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00056	mg/Kg	✳	05/27/21 17:55	05/28/21 19:30	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00071	mg/Kg	✳	05/27/21 17:55	05/28/21 19:30	1
Trichloroethene	<0.0017		0.0017	0.00056	mg/Kg	✳	05/27/21 17:55	05/28/21 19:30	1
Vinyl chloride	<0.0017		0.0017	0.00074	mg/Kg	✳	05/27/21 17:55	05/28/21 19:30	1
Xylenes, Total	<0.0033		0.0033	0.00053	mg/Kg	✳	05/27/21 17:55	05/28/21 19:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		75 - 131	05/27/21 17:55	05/28/21 19:30	1
Dibromofluoromethane	101		75 - 126	05/27/21 17:55	05/28/21 19:30	1
1,2-Dichloroethane-d4 (Surr)	109		70 - 134	05/27/21 17:55	05/28/21 19:30	1
Toluene-d8 (Surr)	106		75 - 124	05/27/21 17:55	05/28/21 19:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-11(0-2)-052621

Lab Sample ID: 500-199752-6

Date Collected: 05/26/21 09:35

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 88.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	0.13	J	0.37	0.085	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
2,4-Dichlorophenol	<0.37		0.37	0.089	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
2,4-Dinitrophenol	<0.75		0.75	0.66	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
2,4-Dinitrotoluene	<0.19		0.19	0.059	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
2,6-Dinitrotoluene	<0.19		0.19	0.073	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
2-Chlorophenol	<0.19		0.19	0.064	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
2-Methylnaphthalene	<0.075		0.075	0.0069	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
2-Nitrophenol	<0.37		0.37	0.088	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
3 & 4 Methylphenol	<0.19		0.19	0.062	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.052	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.30	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
4-Chloroaniline	<0.75		0.75	0.18	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
4-Nitrophenol	<0.75		0.75	0.36	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
Acenaphthene	<0.037		0.037	0.0067	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
Acenaphthylene	0.0087	J	0.037	0.0049	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
Anthracene	0.040		0.037	0.0062	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
Benzo[a]anthracene	0.077		0.037	0.0050	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
Benzo[a]pyrene	0.11		0.037	0.0072	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
Benzo[b]fluoranthene	0.18		0.037	0.0081	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
Benzo[g,h,i]perylene	0.051		0.037	0.012	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
Benzo[k]fluoranthene	0.054		0.037	0.011	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.068	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
Butyl benzyl phthalate	<0.19		0.19	0.071	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
Carbazole	0.14	J	0.19	0.093	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
Chrysene	0.094		0.037	0.010	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
Dibenz(a,h)anthracene	0.0098	J	0.037	0.0072	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
Diethyl phthalate	<0.19		0.19	0.063	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
Fluoranthene	0.17		0.037	0.0069	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
Fluorene	0.032	J	0.037	0.0053	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
Hexachlorobenzene	<0.075		0.075	0.0087	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
Hexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
Hexachlorocyclopentadiene	<0.75		0.75	0.21	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1
Hexachloroethane	<0.19		0.19	0.057	mg/Kg	✳	06/02/21 07:17	06/02/21 21:52	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-11(0-2)-052621

Lab Sample ID: 500-199752-6

Date Collected: 05/26/21 09:35

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 88.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.027	J	0.037	0.0097	mg/Kg	☼	06/02/21 07:17	06/02/21 21:52	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	06/02/21 07:17	06/02/21 21:52	1
Naphthalene	<0.037		0.037	0.0057	mg/Kg	☼	06/02/21 07:17	06/02/21 21:52	1
Nitrobenzene	<0.037		0.037	0.0093	mg/Kg	☼	06/02/21 07:17	06/02/21 21:52	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.046	mg/Kg	☼	06/02/21 07:17	06/02/21 21:52	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☼	06/02/21 07:17	06/02/21 21:52	1
Pentachlorophenol	<0.75	*-	0.75	0.60	mg/Kg	☼	06/02/21 07:17	06/02/21 21:52	1
Phenanthrene	0.080		0.037	0.0052	mg/Kg	☼	06/02/21 07:17	06/02/21 21:52	1
Phenol	<0.19		0.19	0.083	mg/Kg	☼	06/02/21 07:17	06/02/21 21:52	1
Pyrene	0.14		0.037	0.0074	mg/Kg	☼	06/02/21 07:17	06/02/21 21:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	54		31 - 143				06/02/21 07:17	06/02/21 21:52	1
2-Fluorobiphenyl	55		43 - 145				06/02/21 07:17	06/02/21 21:52	1
2-Fluorophenol	70		31 - 166				06/02/21 07:17	06/02/21 21:52	1
Nitrobenzene-d5	39		37 - 147				06/02/21 07:17	06/02/21 21:52	1
Phenol-d5	58		30 - 153				06/02/21 07:17	06/02/21 21:52	1
Terphenyl-d14	101		42 - 157				06/02/21 07:17	06/02/21 21:52	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/01/21 18:18	06/02/21 11:58	1
Barium	0.36	J	0.50	0.050	mg/L		06/01/21 18:18	06/02/21 11:58	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/01/21 18:18	06/02/21 11:58	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/21 18:18	06/02/21 11:58	1
Chromium	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:58	1
Cobalt	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:58	1
Copper	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:58	1
Iron	<0.40		0.40	0.20	mg/L		06/01/21 18:18	06/02/21 11:58	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/01/21 18:18	06/02/21 11:58	1
Manganese	0.38		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:58	1
Nickel	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:58	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:18	06/02/21 11:58	1
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 11:58	1
Zinc	0.023	J	0.50	0.020	mg/L		06/01/21 18:18	06/02/21 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.095		0.050	0.010	mg/L		06/01/21 18:21	06/02/21 11:08	1
Barium	0.39	J	0.50	0.050	mg/L		06/01/21 18:21	06/02/21 11:08	1
Beryllium	0.0083		0.0040	0.0040	mg/L		06/01/21 18:21	06/02/21 11:08	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/21 18:21	06/02/21 11:08	1
Chromium	0.17		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:08	1
Cobalt	0.065		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:08	1
Copper	0.21		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:08	1
Iron	190		0.40	0.20	mg/L		06/01/21 18:21	06/02/21 11:08	1
Lead	0.23		0.0075	0.0075	mg/L		06/01/21 18:21	06/02/21 11:08	1
Manganese	0.83		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:08	1
Nickel	0.20		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:08	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:21	06/02/21 11:08	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-11(0-2)-052621

Lab Sample ID: 500-199752-6

Date Collected: 05/26/21 09:35

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 88.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:08	1
Zinc	0.65		0.50	0.020	mg/L		06/01/21 18:21	06/02/21 11:08	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.47	J	1.0	0.20	mg/Kg	✱	06/01/21 17:09	06/02/21 13:05	1
Arsenic	4.7		0.52	0.18	mg/Kg	✱	06/01/21 17:09	06/02/21 13:05	1
Barium	31		0.52	0.059	mg/Kg	✱	06/01/21 17:09	06/02/21 13:05	1
Beryllium	0.48		0.21	0.049	mg/Kg	✱	06/01/21 17:09	06/02/21 13:05	1
Cadmium	0.34	B	0.10	0.019	mg/Kg	✱	06/01/21 17:09	06/02/21 13:05	1
Calcium	120000	B	52	8.8	mg/Kg	✱	06/01/21 17:09	06/03/21 12:33	5
Chromium	12		0.52	0.26	mg/Kg	✱	06/01/21 17:09	06/02/21 13:05	1
Cobalt	6.5		0.26	0.068	mg/Kg	✱	06/01/21 17:09	06/02/21 13:05	1
Copper	15		0.52	0.15	mg/Kg	✱	06/01/21 17:09	06/02/21 13:05	1
Iron	13000	B	52	27	mg/Kg	✱	06/01/21 17:09	06/03/21 12:33	5
Lead	51		0.26	0.12	mg/Kg	✱	06/01/21 17:09	06/02/21 13:05	1
Magnesium	70000	B	26	13	mg/Kg	✱	06/01/21 17:09	06/03/21 12:33	5
Manganese	270	B	0.52	0.075	mg/Kg	✱	06/01/21 17:09	06/02/21 13:05	1
Nickel	17		0.52	0.15	mg/Kg	✱	06/01/21 17:09	06/02/21 13:05	1
Potassium	1800		26	9.2	mg/Kg	✱	06/01/21 17:09	06/02/21 13:05	1
Selenium	<0.52		0.52	0.31	mg/Kg	✱	06/01/21 17:09	06/02/21 13:05	1
Silver	0.26		0.26	0.067	mg/Kg	✱	06/01/21 17:09	06/02/21 13:05	1
Sodium	1100		52	7.7	mg/Kg	✱	06/01/21 17:09	06/02/21 13:05	1
Thallium	0.31	J	0.52	0.26	mg/Kg	✱	06/01/21 17:09	06/02/21 13:05	1
Vanadium	15		0.26	0.061	mg/Kg	✱	06/01/21 17:09	06/02/21 13:05	1
Zinc	59		1.0	0.46	mg/Kg	✱	06/01/21 17:09	06/02/21 13:05	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 08:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 09:33	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.019		0.016	0.0054	mg/Kg	✱	06/01/21 13:20	06/02/21 07:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.9		0.2	0.2	SU			06/01/21 15:16	1

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-15(0-2)-052621

Lab Sample ID: 500-199752-8

Date Collected: 05/26/21 10:05

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 84.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0075	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
Benzene	<0.0017		0.0017	0.00044	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
Bromodichloromethane	<0.0017		0.0017	0.00035	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
Bromoform	<0.0017		0.0017	0.00050	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
Bromomethane	<0.0043		0.0043	0.0016	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
Carbon disulfide	<0.0043		0.0043	0.00089	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
Carbon tetrachloride	<0.0017		0.0017	0.00050	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
Chlorobenzene	<0.0017		0.0017	0.00063	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
Chloroethane	<0.0043		0.0043	0.0013	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
Chloroform	<0.0017		0.0017	0.00059	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
Chloromethane	<0.0043		0.0043	0.0017	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00048	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00052	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
Dibromochloromethane	<0.0017		0.0017	0.00056	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
1,1-Dichloroethane	<0.0017		0.0017	0.00059	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
1,2-Dichloroethane	<0.0043		0.0043	0.0013	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
1,1-Dichloroethene	<0.0017		0.0017	0.00059	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
1,2-Dichloropropane	<0.0017		0.0017	0.00044	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
1,3-Dichloropropane, Total	<0.0017		0.0017	0.00060	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
Ethylbenzene	<0.0017		0.0017	0.00082	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
2-Hexanone	<0.0043		0.0043	0.0013	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
Methylene Chloride	<0.0043		0.0043	0.0017	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
Methyl Ethyl Ketone	<0.0043		0.0043	0.0019	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
methyl isobutyl ketone	<0.0043		0.0043	0.0013	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00050	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
Styrene	<0.0017		0.0017	0.00052	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00055	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
Tetrachloroethene	<0.0017		0.0017	0.00058	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
Toluene	<0.0017		0.0017	0.00043	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00076	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00060	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00058	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00074	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
Trichloroethene	<0.0017		0.0017	0.00058	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
Vinyl chloride	<0.0017		0.0017	0.00076	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1
Xylenes, Total	<0.0034		0.0034	0.00055	mg/Kg	✱	05/27/21 17:55	05/28/21 20:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		75 - 131	05/27/21 17:55	05/28/21 20:21	1
Dibromofluoromethane	103		75 - 126	05/27/21 17:55	05/28/21 20:21	1
1,2-Dichloroethane-d4 (Surr)	114		70 - 134	05/27/21 17:55	05/28/21 20:21	1
Toluene-d8 (Surr)	103		75 - 124	05/27/21 17:55	05/28/21 20:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.042	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
1,4-Dichlorobenzene	<0.20		0.20	0.050	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.045	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-15(0-2)-052621

Lab Sample ID: 500-199752-8

Date Collected: 05/26/21 10:05

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 84.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.089	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
2,4,6-Trichlorophenol	<0.39		0.39	0.13	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
2,4-Dichlorophenol	<0.39		0.39	0.093	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
2,4-Dinitrophenol	<0.79		0.79	0.69	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
2,4-Dinitrotoluene	<0.20		0.20	0.062	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
2,6-Dinitrotoluene	<0.20		0.20	0.077	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
2-Chloronaphthalene	<0.20		0.20	0.043	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
2-Chlorophenol	<0.20		0.20	0.067	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
2-Methylnaphthalene	<0.079		0.079	0.0072	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
2-Nitroaniline	<0.20		0.20	0.052	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
2-Nitrophenol	<0.39		0.39	0.092	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
3 & 4 Methylphenol	<0.20		0.20	0.065	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.31	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.051	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
4-Chloroaniline	<0.79		0.79	0.18	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
4-Nitroaniline	<0.39		0.39	0.16	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
4-Nitrophenol	<0.79		0.79	0.37	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
Acenaphthene	0.0084	J	0.039	0.0070	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
Acenaphthylene	<0.039		0.039	0.0051	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
Anthracene	0.040		0.039	0.0065	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
Benzo[a]anthracene	0.040		0.039	0.0052	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
Benzo[a]pyrene	0.058		0.039	0.0075	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
Benzo[b]fluoranthene	0.089		0.039	0.0084	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
Benzo[g,h,i]perylene	0.044		0.039	0.013	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
Benzo[k]fluoranthene	0.031	J	0.039	0.011	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.058	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.071	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
Butyl benzyl phthalate	<0.20		0.20	0.074	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
Carbazole	0.15	J	0.20	0.097	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
Chrysene	0.043		0.039	0.011	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
Dibenz(a,h)anthracene	0.0081	J	0.039	0.0075	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
Diethyl phthalate	<0.20		0.20	0.066	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
Dimethyl phthalate	<0.20		0.20	0.051	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
Di-n-butyl phthalate	<0.20		0.20	0.059	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
Fluoranthene	0.096		0.039	0.0072	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
Fluorene	0.034	J	0.039	0.0055	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
Hexachlorobenzene	<0.079		0.079	0.0090	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
Hexachlorobutadiene	<0.20		0.20	0.061	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
Hexachlorocyclopentadiene	<0.79		0.79	0.22	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1
Hexachloroethane	<0.20		0.20	0.059	mg/Kg	✱	06/02/21 07:17	06/02/21 21:03	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-15(0-2)-052621

Lab Sample ID: 500-199752-8

Date Collected: 05/26/21 10:05

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 84.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.019	J	0.039	0.010	mg/Kg	☼	06/02/21 07:17	06/02/21 21:03	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	06/02/21 07:17	06/02/21 21:03	1
Naphthalene	<0.039		0.039	0.0060	mg/Kg	☼	06/02/21 07:17	06/02/21 21:03	1
Nitrobenzene	<0.039		0.039	0.0097	mg/Kg	☼	06/02/21 07:17	06/02/21 21:03	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.048	mg/Kg	☼	06/02/21 07:17	06/02/21 21:03	1
N-Nitrosodiphenylamine	<0.20		0.20	0.046	mg/Kg	☼	06/02/21 07:17	06/02/21 21:03	1
Pentachlorophenol	<0.79	*-	0.79	0.63	mg/Kg	☼	06/02/21 07:17	06/02/21 21:03	1
Phenanthrene	0.074		0.039	0.0054	mg/Kg	☼	06/02/21 07:17	06/02/21 21:03	1
Phenol	<0.20		0.20	0.087	mg/Kg	☼	06/02/21 07:17	06/02/21 21:03	1
Pyrene	0.063		0.039	0.0077	mg/Kg	☼	06/02/21 07:17	06/02/21 21:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	58		31 - 143				06/02/21 07:17	06/02/21 21:03	1
2-Fluorobiphenyl	57		43 - 145				06/02/21 07:17	06/02/21 21:03	1
2-Fluorophenol	79		31 - 166				06/02/21 07:17	06/02/21 21:03	1
Nitrobenzene-d5	49		37 - 147				06/02/21 07:17	06/02/21 21:03	1
Phenol-d5	62		30 - 153				06/02/21 07:17	06/02/21 21:03	1
Terphenyl-d14	84		42 - 157				06/02/21 07:17	06/02/21 21:03	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/01/21 18:18	06/02/21 12:12	1
Barium	0.52		0.50	0.050	mg/L		06/01/21 18:18	06/02/21 12:12	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/01/21 18:18	06/02/21 12:12	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/21 18:18	06/02/21 12:12	1
Chromium	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:12	1
Cobalt	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:12	1
Copper	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:12	1
Iron	<0.40		0.40	0.20	mg/L		06/01/21 18:18	06/02/21 12:12	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/01/21 18:18	06/02/21 12:12	1
Manganese	0.41		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:12	1
Nickel	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:12	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:18	06/02/21 12:12	1
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:12	1
Zinc	<0.50		0.50	0.020	mg/L		06/01/21 18:18	06/02/21 12:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.075		0.050	0.010	mg/L		06/01/21 18:21	06/02/21 11:14	1
Barium	0.57		0.50	0.050	mg/L		06/01/21 18:21	06/02/21 11:14	1
Beryllium	0.0083		0.0040	0.0040	mg/L		06/01/21 18:21	06/02/21 11:14	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/21 18:21	06/02/21 11:14	1
Chromium	0.17		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:14	1
Cobalt	0.055		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:14	1
Copper	0.18		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:14	1
Iron	180		0.40	0.20	mg/L		06/01/21 18:21	06/02/21 11:14	1
Lead	0.17		0.0075	0.0075	mg/L		06/01/21 18:21	06/02/21 11:14	1
Manganese	0.78		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:14	1
Nickel	0.18		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:14	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:21	06/02/21 11:14	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-15(0-2)-052621

Lab Sample ID: 500-199752-8

Date Collected: 05/26/21 10:05

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 84.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:14	1
Zinc	0.56		0.50	0.020	mg/L		06/01/21 18:21	06/02/21 11:14	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.88	J	1.1	0.22	mg/Kg	✱	06/01/21 17:09	06/02/21 13:19	1
Arsenic	7.8		0.56	0.19	mg/Kg	✱	06/01/21 17:09	06/02/21 13:19	1
Barium	55		0.56	0.064	mg/Kg	✱	06/01/21 17:09	06/02/21 13:19	1
Beryllium	0.72		0.22	0.052	mg/Kg	✱	06/01/21 17:09	06/02/21 13:19	1
Cadmium	0.23	B	0.11	0.020	mg/Kg	✱	06/01/21 17:09	06/02/21 13:19	1
Calcium	61000	B	56	9.5	mg/Kg	✱	06/01/21 17:09	06/03/21 12:47	5
Chromium	15		0.56	0.28	mg/Kg	✱	06/01/21 17:09	06/02/21 13:19	1
Cobalt	11		0.28	0.073	mg/Kg	✱	06/01/21 17:09	06/02/21 13:19	1
Copper	20		0.56	0.16	mg/Kg	✱	06/01/21 17:09	06/02/21 13:19	1
Iron	17000	B	11	5.8	mg/Kg	✱	06/01/21 17:09	06/02/21 13:19	1
Lead	29		0.28	0.13	mg/Kg	✱	06/01/21 17:09	06/02/21 13:19	1
Magnesium	27000	B	5.6	2.8	mg/Kg	✱	06/01/21 17:09	06/02/21 13:19	1
Manganese	400	B	0.56	0.081	mg/Kg	✱	06/01/21 17:09	06/02/21 13:19	1
Nickel	26		0.56	0.16	mg/Kg	✱	06/01/21 17:09	06/02/21 13:19	1
Potassium	2300		28	9.9	mg/Kg	✱	06/01/21 17:09	06/02/21 13:19	1
Selenium	0.35	J	0.56	0.33	mg/Kg	✱	06/01/21 17:09	06/02/21 13:19	1
Silver	0.40		0.28	0.072	mg/Kg	✱	06/01/21 17:09	06/02/21 13:19	1
Sodium	1300		56	8.3	mg/Kg	✱	06/01/21 17:09	06/02/21 13:19	1
Thallium	<0.56		0.56	0.28	mg/Kg	✱	06/01/21 17:09	06/02/21 13:19	1
Vanadium	22		0.28	0.066	mg/Kg	✱	06/01/21 17:09	06/02/21 13:19	1
Zinc	60		1.1	0.49	mg/Kg	✱	06/01/21 17:09	06/02/21 13:19	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 08:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 09:37	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.025		0.020	0.0065	mg/Kg	✱	06/01/21 13:20	06/02/21 07:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.4		0.2	0.2	SU			06/01/21 15:35	1

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-17(0-2)-052621

Lab Sample ID: 500-199752-9

Date Collected: 05/26/21 10:20

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 90.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018		0.018	0.0080	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
Benzene	<0.0018		0.0018	0.00047	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
Bromodichloromethane	<0.0018		0.0018	0.00037	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
Bromoform	<0.0018		0.0018	0.00054	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
Bromomethane	<0.0046		0.0046	0.0017	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
Carbon disulfide	<0.0046		0.0046	0.00096	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
Carbon tetrachloride	<0.0018		0.0018	0.00053	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
Chlorobenzene	<0.0018		0.0018	0.00068	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
Chloroethane	<0.0046	*+	0.0046	0.0014	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
Chloroform	<0.0018		0.0018	0.00064	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
Chloromethane	<0.0046		0.0046	0.0018	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00051	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00055	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
Dibromochloromethane	<0.0018		0.0018	0.00060	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
1,1-Dichloroethane	<0.0018		0.0018	0.00063	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
1,2-Dichloroethane	<0.0046		0.0046	0.0014	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
1,1-Dichloroethene	<0.0018		0.0018	0.00063	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
1,2-Dichloropropane	<0.0018		0.0018	0.00047	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00064	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
Ethylbenzene	<0.0018		0.0018	0.00088	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
2-Hexanone	<0.0046		0.0046	0.0014	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
Methylene Chloride	<0.0046		0.0046	0.0018	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
Methyl Ethyl Ketone	<0.0046		0.0046	0.0020	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
methyl isobutyl ketone	<0.0046		0.0046	0.0014	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00054	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
Styrene	<0.0018		0.0018	0.00055	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00059	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
Tetrachloroethene	<0.0018		0.0018	0.00063	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
Toluene	<0.0018		0.0018	0.00046	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00081	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00064	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00062	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00079	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
Trichloroethene	<0.0018		0.0018	0.00062	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
Vinyl chloride	<0.0018		0.0018	0.00081	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1
Xylenes, Total	<0.0037		0.0037	0.00059	mg/Kg	☼	05/27/21 17:55	06/01/21 12:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		75 - 131	05/27/21 17:55	06/01/21 12:51	1
Dibromofluoromethane	102		75 - 126	05/27/21 17:55	06/01/21 12:51	1
1,2-Dichloroethane-d4 (Surr)	108		70 - 134	05/27/21 17:55	06/01/21 12:51	1
Toluene-d8 (Surr)	103		75 - 124	05/27/21 17:55	06/01/21 12:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.039	mg/Kg	☼	06/02/21 07:17	06/03/21 01:07	1
1,2-Dichlorobenzene	<0.18		0.18	0.043	mg/Kg	☼	06/02/21 07:17	06/03/21 01:07	1
1,3-Dichlorobenzene	<0.18		0.18	0.041	mg/Kg	☼	06/02/21 07:17	06/03/21 01:07	1
1,4-Dichlorobenzene	<0.18		0.18	0.046	mg/Kg	☼	06/02/21 07:17	06/03/21 01:07	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.042	mg/Kg	☼	06/02/21 07:17	06/03/21 01:07	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-17(0-2)-052621

Lab Sample ID: 500-199752-9

Date Collected: 05/26/21 10:20

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 90.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.36		0.36	0.083	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
2,4,6-Trichlorophenol	<0.36		0.36	0.12	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
2,4-Dichlorophenol	<0.36		0.36	0.086	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
2,4-Dimethylphenol	<0.36		0.36	0.14	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
2,4-Dinitrophenol	<0.73		0.73	0.64	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
2,4-Dinitrotoluene	<0.18		0.18	0.058	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
2,6-Dinitrotoluene	<0.18		0.18	0.071	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
2-Chloronaphthalene	<0.18		0.18	0.040	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
2-Chlorophenol	<0.18		0.18	0.062	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
2-Methylnaphthalene	<0.073		0.073	0.0067	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
2-Methylphenol	<0.18		0.18	0.058	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
2-Nitroaniline	<0.18		0.18	0.049	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
2-Nitrophenol	<0.36		0.36	0.086	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
3 & 4 Methylphenol	<0.18		0.18	0.060	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.051	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
3-Nitroaniline	<0.36		0.36	0.11	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
4,6-Dinitro-2-methylphenol	<0.73		0.73	0.29	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.048	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
4-Chloro-3-methylphenol	<0.36		0.36	0.12	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
4-Chloroaniline	<0.73		0.73	0.17	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.042	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
4-Nitroaniline	<0.36		0.36	0.15	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
4-Nitrophenol	<0.73		0.73	0.34	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
Acenaphthene	0.0071	J	0.036	0.0065	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
Acenaphthylene	0.014	J	0.036	0.0048	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
Anthracene	0.050		0.036	0.0061	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
Benzo[a]anthracene	0.15		0.036	0.0049	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
Benzo[a]pyrene	0.23	*3	0.036	0.0070	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
Benzo[b]fluoranthene	0.40	*3	0.036	0.0078	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
Benzo[g,h,i]perylene	0.093	*3	0.036	0.012	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
Benzo[k]fluoranthene	0.15	*3	0.036	0.011	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.037	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.054	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.066	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
Butyl benzyl phthalate	<0.18		0.18	0.069	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
Carbazole	0.15	J	0.18	0.091	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
Chrysene	0.19		0.036	0.0099	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
Dibenz(a,h)anthracene	0.025	J *3	0.036	0.0070	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
Dibenzofuran	<0.18		0.18	0.042	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
Diethyl phthalate	<0.18		0.18	0.061	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
Dimethyl phthalate	<0.18		0.18	0.047	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
Di-n-butyl phthalate	<0.18		0.18	0.055	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
Di-n-octyl phthalate	<0.18		0.18	0.059	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
Fluoranthene	0.27		0.036	0.0067	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
Fluorene	0.035	J	0.036	0.0051	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
Hexachlorobenzene	<0.073		0.073	0.0084	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
Hexachlorobutadiene	<0.18		0.18	0.057	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
Hexachlorocyclopentadiene	<0.73		0.73	0.21	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1
Hexachloroethane	<0.18		0.18	0.055	mg/Kg	✳	06/02/21 07:17	06/03/21 01:07	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-17(0-2)-052621

Lab Sample ID: 500-199752-9

Date Collected: 05/26/21 10:20

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 90.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.078	*3	0.036	0.0094	mg/Kg	☼	06/02/21 07:17	06/03/21 01:07	1
Isophorone	<0.18		0.18	0.041	mg/Kg	☼	06/02/21 07:17	06/03/21 01:07	1
Naphthalene	<0.036		0.036	0.0056	mg/Kg	☼	06/02/21 07:17	06/03/21 01:07	1
Nitrobenzene	<0.036		0.036	0.0090	mg/Kg	☼	06/02/21 07:17	06/03/21 01:07	1
N-Nitrosodi-n-propylamine	<0.073		0.073	0.044	mg/Kg	☼	06/02/21 07:17	06/03/21 01:07	1
N-Nitrosodiphenylamine	<0.18		0.18	0.043	mg/Kg	☼	06/02/21 07:17	06/03/21 01:07	1
Pentachlorophenol	<0.73	*-	0.73	0.58	mg/Kg	☼	06/02/21 07:17	06/03/21 01:07	1
Phenanthrene	0.12		0.036	0.0051	mg/Kg	☼	06/02/21 07:17	06/03/21 01:07	1
Phenol	<0.18		0.18	0.081	mg/Kg	☼	06/02/21 07:17	06/03/21 01:07	1
Pyrene	0.49		0.036	0.0072	mg/Kg	☼	06/02/21 07:17	06/03/21 01:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	81		31 - 143				06/02/21 07:17	06/03/21 01:07	1
2-Fluorobiphenyl	85		43 - 145				06/02/21 07:17	06/03/21 01:07	1
2-Fluorophenol	110		31 - 166				06/02/21 07:17	06/03/21 01:07	1
Nitrobenzene-d5	74		37 - 147				06/02/21 07:17	06/03/21 01:07	1
Phenol-d5	92		30 - 153				06/02/21 07:17	06/03/21 01:07	1
Terphenyl-d14	205	S1+	42 - 157				06/02/21 07:17	06/03/21 01:07	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/01/21 18:18	06/02/21 12:16	1
Barium	0.46	J	0.50	0.050	mg/L		06/01/21 18:18	06/02/21 12:16	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/01/21 18:18	06/02/21 12:16	1
Cadmium	0.0030	J	0.0050	0.0020	mg/L		06/01/21 18:18	06/02/21 12:16	1
Chromium	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:16	1
Cobalt	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:16	1
Copper	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:16	1
Iron	<0.40		0.40	0.20	mg/L		06/01/21 18:18	06/02/21 12:16	1
Lead	0.0085		0.0075	0.0075	mg/L		06/01/21 18:18	06/02/21 12:16	1
Manganese	0.77		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:16	1
Nickel	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:16	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:18	06/02/21 12:16	1
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:16	1
Zinc	0.22	J	0.50	0.020	mg/L		06/01/21 18:18	06/02/21 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.038	J	0.050	0.010	mg/L		06/01/21 18:21	06/02/21 11:17	1
Barium	0.40	J	0.50	0.050	mg/L		06/01/21 18:21	06/02/21 11:17	1
Beryllium	0.0051		0.0040	0.0040	mg/L		06/01/21 18:21	06/02/21 11:17	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/21 18:21	06/02/21 11:17	1
Chromium	0.12		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:17	1
Cobalt	0.029		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:17	1
Copper	0.13		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:17	1
Iron	110		0.40	0.20	mg/L		06/01/21 18:21	06/02/21 11:17	1
Lead	0.31		0.0075	0.0075	mg/L		06/01/21 18:21	06/02/21 11:17	1
Manganese	0.66		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:17	1
Nickel	0.099		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:17	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:21	06/02/21 11:17	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-17(0-2)-052621

Lab Sample ID: 500-199752-9

Date Collected: 05/26/21 10:20

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 90.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:17	1
Zinc	0.88		0.50	0.020	mg/L		06/01/21 18:21	06/02/21 11:17	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.73	J	1.1	0.21	mg/Kg	☆	06/01/21 17:09	06/02/21 13:22	1
Arsenic	5.3		0.53	0.18	mg/Kg	☆	06/01/21 17:09	06/02/21 13:22	1
Barium	73		0.53	0.061	mg/Kg	☆	06/01/21 17:09	06/02/21 13:22	1
Beryllium	0.48		0.21	0.050	mg/Kg	☆	06/01/21 17:09	06/02/21 13:22	1
Cadmium	0.55	B	0.11	0.019	mg/Kg	☆	06/01/21 17:09	06/02/21 13:22	1
Calcium	85000	B	53	9.0	mg/Kg	☆	06/01/21 17:09	06/03/21 12:50	5
Chromium	29		0.53	0.26	mg/Kg	☆	06/01/21 17:09	06/02/21 13:22	1
Cobalt	6.1		0.27	0.070	mg/Kg	☆	06/01/21 17:09	06/02/21 13:22	1
Copper	30		0.53	0.15	mg/Kg	☆	06/01/21 17:09	06/02/21 13:22	1
Iron	17000	B	53	28	mg/Kg	☆	06/01/21 17:09	06/03/21 12:50	5
Lead	92		0.27	0.12	mg/Kg	☆	06/01/21 17:09	06/02/21 13:22	1
Magnesium	47000	B	27	13	mg/Kg	☆	06/01/21 17:09	06/03/21 12:50	5
Manganese	530	B	0.53	0.077	mg/Kg	☆	06/01/21 17:09	06/02/21 13:22	1
Nickel	21		0.53	0.15	mg/Kg	☆	06/01/21 17:09	06/02/21 13:22	1
Potassium	1300		27	9.4	mg/Kg	☆	06/01/21 17:09	06/02/21 13:22	1
Selenium	0.63		0.53	0.31	mg/Kg	☆	06/01/21 17:09	06/02/21 13:22	1
Silver	0.27		0.27	0.069	mg/Kg	☆	06/01/21 17:09	06/02/21 13:22	1
Sodium	1300		53	7.9	mg/Kg	☆	06/01/21 17:09	06/02/21 13:22	1
Thallium	<0.53		0.53	0.27	mg/Kg	☆	06/01/21 17:09	06/02/21 13:22	1
Vanadium	25		0.27	0.063	mg/Kg	☆	06/01/21 17:09	06/02/21 13:22	1
Zinc	170		1.1	0.47	mg/Kg	☆	06/01/21 17:09	06/02/21 13:22	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 08:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 09:39	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.024		0.017	0.0058	mg/Kg	☆	06/01/21 13:20	06/02/21 07:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.3		0.2	0.2	SU			06/01/21 15:35	1

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-19(0-2)-052621

Lab Sample ID: 500-199752-10

Date Collected: 05/26/21 10:35

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 82.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0074	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
Benzene	<0.0017		0.0017	0.00043	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
Bromodichloromethane	<0.0017		0.0017	0.00035	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
Bromoform	<0.0017		0.0017	0.00050	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
Bromomethane	<0.0042		0.0042	0.0016	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
Carbon disulfide	<0.0042		0.0042	0.00088	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
Carbon tetrachloride	<0.0017		0.0017	0.00049	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
Chlorobenzene	<0.0017		0.0017	0.00063	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
Chloroethane	<0.0042		0.0042	0.0013	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
Chloroform	<0.0017		0.0017	0.00059	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
Chloromethane	<0.0042		0.0042	0.0017	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00047	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00051	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
Dibromochloromethane	<0.0017		0.0017	0.00056	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
1,1-Dichloroethane	<0.0017		0.0017	0.00058	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
1,2-Dichloroethane	<0.0042		0.0042	0.0013	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
1,1-Dichloroethene	<0.0017		0.0017	0.00058	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
1,2-Dichloropropane	<0.0017		0.0017	0.00044	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00060	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
Ethylbenzene	<0.0017		0.0017	0.00081	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
2-Hexanone	<0.0042		0.0042	0.0013	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
Methylene Chloride	0.0019	J	0.0042	0.0017	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
Methyl Ethyl Ketone	<0.0042		0.0042	0.0019	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
methyl isobutyl ketone	<0.0042		0.0042	0.0013	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00050	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
Styrene	<0.0017		0.0017	0.00051	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00054	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
Tetrachloroethene	<0.0017		0.0017	0.00058	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
Toluene	<0.0017		0.0017	0.00043	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00075	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00060	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00057	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00073	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
Trichloroethene	<0.0017		0.0017	0.00057	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
Vinyl chloride	<0.0017		0.0017	0.00075	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1
Xylenes, Total	0.00062	J	0.0034	0.00054	mg/Kg	✳	05/27/21 17:55	06/02/21 11:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		75 - 131	05/27/21 17:55	06/02/21 11:54	1
Dibromofluoromethane	93		75 - 126	05/27/21 17:55	06/02/21 11:54	1
1,2-Dichloroethane-d4 (Surr)	89		70 - 134	05/27/21 17:55	06/02/21 11:54	1
Toluene-d8 (Surr)	97		75 - 124	05/27/21 17:55	06/02/21 11:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.043	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
1,2-Dichlorobenzene	<0.20		0.20	0.048	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
1,3-Dichlorobenzene	<0.20		0.20	0.045	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
1,4-Dichlorobenzene	<0.20		0.20	0.051	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-19(0-2)-052621

Lab Sample ID: 500-199752-10

Date Collected: 05/26/21 10:35

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 82.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.40		0.40	0.091	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
2,4,6-Trichlorophenol	<0.40		0.40	0.14	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
2,4-Dichlorophenol	<0.40		0.40	0.095	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
2,4-Dimethylphenol	<0.40		0.40	0.15	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
2,4-Dinitrophenol	<0.80		0.80	0.70	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
2,4-Dinitrotoluene	<0.20		0.20	0.063	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
2,6-Dinitrotoluene	<0.20		0.20	0.078	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
2-Chlorophenol	<0.20		0.20	0.068	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
2-Methylnaphthalene	<0.080		0.080	0.0073	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
2-Methylphenol	<0.20		0.20	0.064	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
2-Nitroaniline	<0.20		0.20	0.054	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
2-Nitrophenol	<0.40		0.40	0.094	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
3 & 4 Methylphenol	<0.20		0.20	0.066	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.056	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
3-Nitroaniline	<0.40		0.40	0.12	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
4,6-Dinitro-2-methylphenol	<0.80		0.80	0.32	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.053	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
4-Chloro-3-methylphenol	<0.40		0.40	0.14	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
4-Chloroaniline	<0.80		0.80	0.19	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.047	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
4-Nitroaniline	<0.40		0.40	0.17	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
4-Nitrophenol	<0.80		0.80	0.38	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
Acenaphthene	<0.040		0.040	0.0072	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
Acenaphthylene	<0.040		0.040	0.0053	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
Anthracene	0.036	J	0.040	0.0067	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
Benzo[a]anthracene	0.033	J	0.040	0.0054	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
Benzo[a]pyrene	0.042		0.040	0.0077	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
Benzo[b]fluoranthene	0.062		0.040	0.0086	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
Benzo[g,h,i]perylene	0.044		0.040	0.013	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
Benzo[k]fluoranthene	0.022	J	0.040	0.012	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.041	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.060	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.073	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
Butyl benzyl phthalate	<0.20		0.20	0.076	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
Carbazole	0.15	J	0.20	0.10	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
Chrysene	0.036	J	0.040	0.011	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
Dibenz(a,h)anthracene	0.0080	J	0.040	0.0077	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
Dibenzofuran	<0.20		0.20	0.047	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
Diethyl phthalate	<0.20		0.20	0.068	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
Dimethyl phthalate	<0.20		0.20	0.052	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
Di-n-butyl phthalate	<0.20		0.20	0.061	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
Di-n-octyl phthalate	<0.20		0.20	0.065	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
Fluoranthene	0.078		0.040	0.0074	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
Fluorene	0.032	J	0.040	0.0056	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
Hexachlorobenzene	<0.080		0.080	0.0092	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
Hexachlorobutadiene	<0.20		0.20	0.063	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
Hexachlorocyclopentadiene	<0.80		0.80	0.23	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1
Hexachloroethane	<0.20		0.20	0.061	mg/Kg	✳	06/02/21 07:17	06/02/21 19:26	1

Euofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-19(0-2)-052621

Lab Sample ID: 500-199752-10

Date Collected: 05/26/21 10:35

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 82.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.017	J	0.040	0.010	mg/Kg	☼	06/02/21 07:17	06/02/21 19:26	1
Isophorone	<0.20		0.20	0.045	mg/Kg	☼	06/02/21 07:17	06/02/21 19:26	1
Naphthalene	<0.040		0.040	0.0061	mg/Kg	☼	06/02/21 07:17	06/02/21 19:26	1
Nitrobenzene	<0.040		0.040	0.0099	mg/Kg	☼	06/02/21 07:17	06/02/21 19:26	1
N-Nitrosodi-n-propylamine	<0.080		0.080	0.049	mg/Kg	☼	06/02/21 07:17	06/02/21 19:26	1
N-Nitrosodiphenylamine	<0.20		0.20	0.047	mg/Kg	☼	06/02/21 07:17	06/02/21 19:26	1
Pentachlorophenol	<0.80	*-	0.80	0.64	mg/Kg	☼	06/02/21 07:17	06/02/21 19:26	1
Phenanthrene	0.049		0.040	0.0056	mg/Kg	☼	06/02/21 07:17	06/02/21 19:26	1
Phenol	<0.20		0.20	0.089	mg/Kg	☼	06/02/21 07:17	06/02/21 19:26	1
Pyrene	0.047		0.040	0.0079	mg/Kg	☼	06/02/21 07:17	06/02/21 19:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	67		31 - 143				06/02/21 07:17	06/02/21 19:26	1
2-Fluorobiphenyl	68		43 - 145				06/02/21 07:17	06/02/21 19:26	1
2-Fluorophenol	87		31 - 166				06/02/21 07:17	06/02/21 19:26	1
Nitrobenzene-d5	59		37 - 147				06/02/21 07:17	06/02/21 19:26	1
Phenol-d5	74		30 - 153				06/02/21 07:17	06/02/21 19:26	1
Terphenyl-d14	106		42 - 157				06/02/21 07:17	06/02/21 19:26	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/01/21 18:18	06/02/21 12:20	1
Barium	0.53		0.50	0.050	mg/L		06/01/21 18:18	06/02/21 12:20	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/01/21 18:18	06/02/21 12:20	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/21 18:18	06/02/21 12:20	1
Chromium	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:20	1
Cobalt	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:20	1
Copper	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:20	1
Iron	<0.40		0.40	0.20	mg/L		06/01/21 18:18	06/02/21 12:20	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/01/21 18:18	06/02/21 12:20	1
Manganese	0.45		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:20	1
Nickel	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:20	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:18	06/02/21 12:20	1
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:20	1
Zinc	0.039	J	0.50	0.020	mg/L		06/01/21 18:18	06/02/21 12:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.041	J	0.050	0.010	mg/L		06/01/21 18:21	06/02/21 11:20	1
Barium	0.66		0.50	0.050	mg/L		06/01/21 18:21	06/02/21 11:20	1
Beryllium	0.0063		0.0040	0.0040	mg/L		06/01/21 18:21	06/02/21 11:20	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/21 18:21	06/02/21 11:20	1
Chromium	0.14		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:20	1
Cobalt	0.031		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:20	1
Copper	0.10		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:20	1
Iron	130		0.40	0.20	mg/L		06/01/21 18:21	06/02/21 11:20	1
Lead	0.10		0.0075	0.0075	mg/L		06/01/21 18:21	06/02/21 11:20	1
Manganese	0.59		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:20	1
Nickel	0.12		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:20	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:21	06/02/21 11:20	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-19(0-2)-052621

Lab Sample ID: 500-199752-10

Date Collected: 05/26/21 10:35

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 82.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:20	1
Zinc	0.41	J	0.50	0.020	mg/L		06/01/21 18:21	06/02/21 11:20	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.64	J	1.2	0.23	mg/Kg	☆	06/01/21 17:09	06/02/21 13:25	1
Arsenic	5.1		0.59	0.20	mg/Kg	☆	06/01/21 17:09	06/02/21 13:25	1
Barium	100		0.59	0.067	mg/Kg	☆	06/01/21 17:09	06/02/21 13:25	1
Beryllium	0.68		0.24	0.055	mg/Kg	☆	06/01/21 17:09	06/02/21 13:25	1
Cadmium	0.30	B	0.12	0.021	mg/Kg	☆	06/01/21 17:09	06/02/21 13:25	1
Calcium	8300	B	12	2.0	mg/Kg	☆	06/01/21 17:09	06/02/21 13:25	1
Chromium	15		0.59	0.29	mg/Kg	☆	06/01/21 17:09	06/02/21 13:25	1
Cobalt	7.5		0.30	0.077	mg/Kg	☆	06/01/21 17:09	06/02/21 13:25	1
Copper	14		0.59	0.17	mg/Kg	☆	06/01/21 17:09	06/02/21 13:25	1
Iron	13000	B	12	6.2	mg/Kg	☆	06/01/21 17:09	06/02/21 13:25	1
Lead	25		0.30	0.14	mg/Kg	☆	06/01/21 17:09	06/02/21 13:25	1
Magnesium	5300	B	5.9	2.9	mg/Kg	☆	06/01/21 17:09	06/02/21 13:25	1
Manganese	410	B	0.59	0.086	mg/Kg	☆	06/01/21 17:09	06/02/21 13:25	1
Nickel	16		0.59	0.17	mg/Kg	☆	06/01/21 17:09	06/02/21 13:25	1
Potassium	1300		30	10	mg/Kg	☆	06/01/21 17:09	06/02/21 13:25	1
Selenium	0.64		0.59	0.35	mg/Kg	☆	06/01/21 17:09	06/02/21 13:25	1
Silver	0.45		0.30	0.076	mg/Kg	☆	06/01/21 17:09	06/02/21 13:25	1
Sodium	1100		59	8.8	mg/Kg	☆	06/01/21 17:09	06/02/21 13:25	1
Thallium	<0.59		0.59	0.30	mg/Kg	☆	06/01/21 17:09	06/02/21 13:25	1
Vanadium	27		0.30	0.070	mg/Kg	☆	06/01/21 17:09	06/02/21 13:25	1
Zinc	61		1.2	0.52	mg/Kg	☆	06/01/21 17:09	06/02/21 13:25	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 08:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 09:41	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.036		0.018	0.0059	mg/Kg	☆	06/01/21 13:20	06/02/21 07:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.8		0.2	0.2	SU			06/01/21 15:35	1

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-19(0-2)-052621D

Lab Sample ID: 500-199752-11

Date Collected: 05/26/21 10:35

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 81.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0076	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
Benzene	<0.0017		0.0017	0.00044	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
Bromodichloromethane	<0.0017		0.0017	0.00035	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
Bromoform	<0.0017		0.0017	0.00051	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
Bromomethane	<0.0043		0.0043	0.0016	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
Carbon disulfide	<0.0043		0.0043	0.00090	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
Carbon tetrachloride	<0.0017		0.0017	0.00050	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
Chlorobenzene	<0.0017		0.0017	0.00064	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
Chloroethane	<0.0043	*+	0.0043	0.0013	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
Chloroform	<0.0017		0.0017	0.00060	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
Chloromethane	<0.0043		0.0043	0.0017	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00048	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00052	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
Dibromochloromethane	<0.0017		0.0017	0.00057	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
1,1-Dichloroethane	<0.0017		0.0017	0.00059	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
1,2-Dichloroethane	<0.0043		0.0043	0.0014	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
1,1-Dichloroethene	<0.0017		0.0017	0.00060	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
1,2-Dichloropropane	<0.0017		0.0017	0.00045	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00061	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
Ethylbenzene	<0.0017		0.0017	0.00083	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
2-Hexanone	<0.0043		0.0043	0.0014	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
Methylene Chloride	<0.0043		0.0043	0.0017	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
Methyl Ethyl Ketone	<0.0043		0.0043	0.0019	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
methyl isobutyl ketone	<0.0043		0.0043	0.0013	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00051	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
Styrene	<0.0017		0.0017	0.00052	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00055	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
Tetrachloroethene	<0.0017		0.0017	0.00059	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
Toluene	<0.0017		0.0017	0.00044	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00077	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00061	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00058	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00074	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
Trichloroethene	<0.0017		0.0017	0.00059	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
Vinyl chloride	<0.0017		0.0017	0.00077	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1
Xylenes, Total	<0.0035		0.0035	0.00055	mg/Kg	☼	05/27/21 17:55	06/01/21 13:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		75 - 131	05/27/21 17:55	06/01/21 13:42	1
Dibromofluoromethane	102		75 - 126	05/27/21 17:55	06/01/21 13:42	1
1,2-Dichloroethane-d4 (Surr)	111		70 - 134	05/27/21 17:55	06/01/21 13:42	1
Toluene-d8 (Surr)	103		75 - 124	05/27/21 17:55	06/01/21 13:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
1,2-Dichlorobenzene	<0.20		0.20	0.048	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
1,3-Dichlorobenzene	<0.20		0.20	0.046	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
1,4-Dichlorobenzene	<0.20		0.20	0.052	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.047	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-19(0-2)-052621D

Lab Sample ID: 500-199752-11

Date Collected: 05/26/21 10:35

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 81.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.40		0.40	0.093	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
2,4,6-Trichlorophenol	<0.40		0.40	0.14	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
2,4-Dichlorophenol	<0.40		0.40	0.096	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
2,4-Dimethylphenol	<0.40		0.40	0.15	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
2,4-Dinitrophenol	<0.82		0.82	0.71	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
2,4-Dinitrotoluene	<0.20		0.20	0.064	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
2,6-Dinitrotoluene	<0.20		0.20	0.080	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
2-Chloronaphthalene	<0.20		0.20	0.045	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
2-Chlorophenol	<0.20		0.20	0.069	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
2-Methylnaphthalene	<0.082		0.082	0.0075	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
2-Methylphenol	<0.20		0.20	0.065	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
2-Nitroaniline	<0.20		0.20	0.055	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
2-Nitrophenol	<0.40		0.40	0.096	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
3 & 4 Methylphenol	<0.20		0.20	0.068	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.057	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
3-Nitroaniline	<0.40		0.40	0.13	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
4,6-Dinitro-2-methylphenol	<0.82		0.82	0.33	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.053	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
4-Chloro-3-methylphenol	<0.40		0.40	0.14	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
4-Chloroaniline	<0.82		0.82	0.19	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.047	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
4-Nitroaniline	<0.40		0.40	0.17	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
4-Nitrophenol	<0.82		0.82	0.39	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Acenaphthene	<0.040		0.040	0.0073	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Acenaphthylene	<0.040		0.040	0.0053	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Anthracene	0.034	J	0.040	0.0068	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Benzo[a]anthracene	0.014	J	0.040	0.0055	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Benzo[a]pyrene	0.020	J	0.040	0.0079	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Benzo[b]fluoranthene	0.028	J	0.040	0.0088	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Benzo[g,h,i]perylene	0.040		0.040	0.013	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Benzo[k]fluoranthene	<0.040		0.040	0.012	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.041	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.061	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.074	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Butyl benzyl phthalate	<0.20		0.20	0.077	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Carbazole	0.15	J	0.20	0.10	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Chrysene	0.014	J	0.040	0.011	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Dibenz(a,h)anthracene	<0.040		0.040	0.0078	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Dibenzofuran	<0.20		0.20	0.048	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Diethyl phthalate	<0.20		0.20	0.069	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Dimethyl phthalate	<0.20		0.20	0.053	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Di-n-butyl phthalate	<0.20		0.20	0.062	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Di-n-octyl phthalate	<0.20		0.20	0.066	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Fluoranthene	0.056		0.040	0.0075	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Fluorene	<0.040		0.040	0.0057	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Hexachlorobenzene	<0.082		0.082	0.0094	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Hexachlorobutadiene	<0.20		0.20	0.064	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Hexachlorocyclopentadiene	<0.82		0.82	0.23	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Hexachloroethane	<0.20		0.20	0.062	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-19(0-2)-052621D

Lab Sample ID: 500-199752-11

Date Collected: 05/26/21 10:35

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 81.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.040		0.040	0.011	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Isophorone	<0.20		0.20	0.046	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Naphthalene	<0.040		0.040	0.0062	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Nitrobenzene	<0.040		0.040	0.010	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
N-Nitrosodi-n-propylamine	<0.082		0.082	0.050	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
N-Nitrosodiphenylamine	<0.20		0.20	0.048	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Pentachlorophenol	<0.82	*	0.82	0.65	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Phenanthrene	0.043		0.040	0.0057	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Phenol	<0.20		0.20	0.090	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1
Pyrene	0.020	J	0.040	0.0081	mg/Kg	☼	06/02/21 07:17	06/02/21 19:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	72		31 - 143	06/02/21 07:17	06/02/21 19:51	1
2-Fluorobiphenyl	71		43 - 145	06/02/21 07:17	06/02/21 19:51	1
2-Fluorophenol	89		31 - 166	06/02/21 07:17	06/02/21 19:51	1
Nitrobenzene-d5	58		37 - 147	06/02/21 07:17	06/02/21 19:51	1
Phenol-d5	82		30 - 153	06/02/21 07:17	06/02/21 19:51	1
Terphenyl-d14	114		42 - 157	06/02/21 07:17	06/02/21 19:51	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/01/21 18:18	06/02/21 12:24	1
Barium	0.52		0.50	0.050	mg/L		06/01/21 18:18	06/02/21 12:24	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/01/21 18:18	06/02/21 12:24	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/21 18:18	06/02/21 12:24	1
Chromium	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:24	1
Cobalt	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:24	1
Copper	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:24	1
Iron	<0.40		0.40	0.20	mg/L		06/01/21 18:18	06/02/21 12:24	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/01/21 18:18	06/02/21 12:24	1
Manganese	0.71		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:24	1
Nickel	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:24	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:18	06/02/21 12:24	1
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:24	1
Zinc	0.037	J	0.50	0.020	mg/L		06/01/21 18:18	06/02/21 12:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.033	J	0.050	0.010	mg/L		06/01/21 18:21	06/02/21 11:23	1
Barium	0.49	J	0.50	0.050	mg/L		06/01/21 18:21	06/02/21 11:23	1
Beryllium	0.0048		0.0040	0.0040	mg/L		06/01/21 18:21	06/02/21 11:23	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/21 18:21	06/02/21 11:23	1
Chromium	0.11		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:23	1
Cobalt	0.024	J	0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:23	1
Copper	0.083		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:23	1
Iron	100		0.40	0.20	mg/L		06/01/21 18:21	06/02/21 11:23	1
Lead	0.077		0.0075	0.0075	mg/L		06/01/21 18:21	06/02/21 11:23	1
Manganese	0.45		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:23	1
Nickel	0.089		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:23	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:21	06/02/21 11:23	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-19(0-2)-052621D

Lab Sample ID: 500-199752-11

Date Collected: 05/26/21 10:35

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 81.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:23	1
Zinc	0.30	J	0.50	0.020	mg/L		06/01/21 18:21	06/02/21 11:23	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.65	J	1.1	0.22	mg/Kg	☆	06/01/21 17:09	06/02/21 13:29	1
Arsenic	6.5		0.57	0.19	mg/Kg	☆	06/01/21 17:09	06/02/21 13:29	1
Barium	83		0.57	0.065	mg/Kg	☆	06/01/21 17:09	06/02/21 13:29	1
Beryllium	0.80		0.23	0.053	mg/Kg	☆	06/01/21 17:09	06/02/21 13:29	1
Cadmium	0.059	J B	0.11	0.020	mg/Kg	☆	06/01/21 17:09	06/02/21 13:29	1
Calcium	2600	B	11	1.9	mg/Kg	☆	06/01/21 17:09	06/02/21 13:29	1
Chromium	19		0.57	0.28	mg/Kg	☆	06/01/21 17:09	06/02/21 13:29	1
Cobalt	8.7		0.28	0.074	mg/Kg	☆	06/01/21 17:09	06/02/21 13:29	1
Copper	13		0.57	0.16	mg/Kg	☆	06/01/21 17:09	06/02/21 13:29	1
Iron	17000	B	11	5.9	mg/Kg	☆	06/01/21 17:09	06/02/21 13:29	1
Lead	14		0.28	0.13	mg/Kg	☆	06/01/21 17:09	06/02/21 13:29	1
Magnesium	3100	B	5.7	2.8	mg/Kg	☆	06/01/21 17:09	06/02/21 13:29	1
Manganese	150	B	0.57	0.082	mg/Kg	☆	06/01/21 17:09	06/02/21 13:29	1
Nickel	21		0.57	0.17	mg/Kg	☆	06/01/21 17:09	06/02/21 13:29	1
Potassium	1500		28	10	mg/Kg	☆	06/01/21 17:09	06/02/21 13:29	1
Selenium	0.67		0.57	0.33	mg/Kg	☆	06/01/21 17:09	06/02/21 13:29	1
Silver	0.49		0.28	0.073	mg/Kg	☆	06/01/21 17:09	06/02/21 13:29	1
Sodium	1000		57	8.4	mg/Kg	☆	06/01/21 17:09	06/02/21 13:29	1
Thallium	0.48	J	0.57	0.28	mg/Kg	☆	06/01/21 17:09	06/02/21 13:29	1
Vanadium	30		0.28	0.067	mg/Kg	☆	06/01/21 17:09	06/02/21 13:29	1
Zinc	48		1.1	0.50	mg/Kg	☆	06/01/21 17:09	06/02/21 13:29	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 08:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 09:44	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.030		0.019	0.0065	mg/Kg	☆	06/01/21 13:20	06/02/21 07:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.6		0.2	0.2	SU			06/01/21 15:35	1

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-23(0-2)-052621

Lab Sample ID: 500-199752-13

Date Collected: 05/26/21 11:20

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 83.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0076	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
Benzene	<0.0017		0.0017	0.00045	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
Bromodichloromethane	<0.0017		0.0017	0.00036	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
Bromoform	<0.0017		0.0017	0.00051	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
Bromomethane	<0.0044		0.0044	0.0016	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
Carbon disulfide	<0.0044		0.0044	0.00091	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
Carbon tetrachloride	<0.0017		0.0017	0.00051	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
Chlorobenzene	<0.0017		0.0017	0.00064	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
Chloroethane	<0.0044	*+	0.0044	0.0013	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
Chloroform	<0.0017		0.0017	0.00061	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
Chloromethane	<0.0044		0.0044	0.0018	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00049	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00053	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
Dibromochloromethane	<0.0017		0.0017	0.00057	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
1,1-Dichloroethane	<0.0017		0.0017	0.00060	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
1,2-Dichloroethane	<0.0044		0.0044	0.0014	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
1,1-Dichloroethene	<0.0017		0.0017	0.00060	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
1,2-Dichloropropane	<0.0017		0.0017	0.00045	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00061	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
Ethylbenzene	<0.0017		0.0017	0.00084	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
2-Hexanone	<0.0044		0.0044	0.0014	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
Methylene Chloride	<0.0044		0.0044	0.0017	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
Methyl Ethyl Ketone	<0.0044		0.0044	0.0019	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
methyl isobutyl ketone	<0.0044		0.0044	0.0013	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00051	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
Styrene	<0.0017		0.0017	0.00053	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00056	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
Tetrachloroethene	<0.0017		0.0017	0.00059	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
Toluene	<0.0017		0.0017	0.00044	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00077	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00061	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00059	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00075	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
Trichloroethene	<0.0017		0.0017	0.00059	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
Vinyl chloride	<0.0017		0.0017	0.00077	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1
Xylenes, Total	<0.0035		0.0035	0.00056	mg/Kg	☼	05/27/21 17:55	06/01/21 15:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		75 - 131	05/27/21 17:55	06/01/21 15:25	1
Dibromofluoromethane	103		75 - 126	05/27/21 17:55	06/01/21 15:25	1
1,2-Dichloroethane-d4 (Surr)	109		70 - 134	05/27/21 17:55	06/01/21 15:25	1
Toluene-d8 (Surr)	102		75 - 124	05/27/21 17:55	06/01/21 15:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.043	mg/Kg	☼	06/02/21 07:17	06/02/21 22:41	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	06/02/21 07:17	06/02/21 22:41	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	06/02/21 07:17	06/02/21 22:41	1
1,4-Dichlorobenzene	<0.20		0.20	0.051	mg/Kg	☼	06/02/21 07:17	06/02/21 22:41	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	☼	06/02/21 07:17	06/02/21 22:41	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-23(0-2)-052621

Lab Sample ID: 500-199752-13

Date Collected: 05/26/21 11:20

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 83.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.090	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
2,4,6-Trichlorophenol	<0.39		0.39	0.14	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
2,4-Dichlorophenol	<0.39		0.39	0.094	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
2,4-Dinitrophenol	<0.80		0.80	0.70	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
2,4-Dinitrotoluene	<0.20		0.20	0.063	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
2,6-Dinitrotoluene	<0.20		0.20	0.078	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
2-Chlorophenol	<0.20		0.20	0.067	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
2-Methylnaphthalene	<0.080		0.080	0.0073	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
2-Nitrophenol	<0.39		0.39	0.093	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
3 & 4 Methylphenol	<0.20		0.20	0.066	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
4,6-Dinitro-2-methylphenol	<0.80		0.80	0.32	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
4-Chloroaniline	<0.80		0.80	0.19	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
4-Nitroaniline	<0.39		0.39	0.17	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
4-Nitrophenol	<0.80		0.80	0.38	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
Acenaphthene	0.0092	J	0.039	0.0071	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
Anthracene	0.051		0.039	0.0066	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
Benzo[a]anthracene	0.093		0.039	0.0053	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
Benzo[a]pyrene	0.14		0.039	0.0076	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
Benzo[b]fluoranthene	0.24		0.039	0.0085	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
Benzo[g,h,i]perylene	0.056		0.039	0.013	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
Benzo[k]fluoranthene	0.079		0.039	0.012	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
Butyl benzyl phthalate	<0.20		0.20	0.075	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
Carbazole	0.17	J	0.20	0.099	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
Chrysene	0.13		0.039	0.011	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
Dibenz(a,h)anthracene	0.014	J	0.039	0.0076	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
Diethyl phthalate	<0.20		0.20	0.067	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
Dimethyl phthalate	<0.20		0.20	0.052	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
Fluoranthene	0.30		0.039	0.0073	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
Fluorene	0.039		0.039	0.0055	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
Hexachlorobenzene	<0.080		0.080	0.0091	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
Hexachlorocyclopentadiene	<0.80		0.80	0.23	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1
Hexachloroethane	<0.20		0.20	0.060	mg/Kg	✳	06/02/21 07:17	06/02/21 22:41	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-23(0-2)-052621

Lab Sample ID: 500-199752-13

Date Collected: 05/26/21 11:20

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 83.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.035	J	0.039	0.010	mg/Kg	☼	06/02/21 07:17	06/02/21 22:41	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	06/02/21 07:17	06/02/21 22:41	1
Naphthalene	<0.039		0.039	0.0061	mg/Kg	☼	06/02/21 07:17	06/02/21 22:41	1
Nitrobenzene	<0.039		0.039	0.0098	mg/Kg	☼	06/02/21 07:17	06/02/21 22:41	1
N-Nitrosodi-n-propylamine	<0.080		0.080	0.048	mg/Kg	☼	06/02/21 07:17	06/02/21 22:41	1
N-Nitrosodiphenylamine	<0.20		0.20	0.047	mg/Kg	☼	06/02/21 07:17	06/02/21 22:41	1
Pentachlorophenol	<0.80	*-	0.80	0.63	mg/Kg	☼	06/02/21 07:17	06/02/21 22:41	1
Phenanthrene	0.16		0.039	0.0055	mg/Kg	☼	06/02/21 07:17	06/02/21 22:41	1
Phenol	<0.20		0.20	0.088	mg/Kg	☼	06/02/21 07:17	06/02/21 22:41	1
Pyrene	0.26		0.039	0.0078	mg/Kg	☼	06/02/21 07:17	06/02/21 22:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	71		31 - 143				06/02/21 07:17	06/02/21 22:41	1
2-Fluorobiphenyl	90		43 - 145				06/02/21 07:17	06/02/21 22:41	1
2-Fluorophenol	102		31 - 166				06/02/21 07:17	06/02/21 22:41	1
Nitrobenzene-d5	73		37 - 147				06/02/21 07:17	06/02/21 22:41	1
Phenol-d5	90		30 - 153				06/02/21 07:17	06/02/21 22:41	1
Terphenyl-d14	137		42 - 157				06/02/21 07:17	06/02/21 22:41	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/01/21 18:18	06/02/21 12:31	1
Barium	0.53		0.50	0.050	mg/L		06/01/21 18:18	06/02/21 12:31	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/01/21 18:18	06/02/21 12:31	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/21 18:18	06/02/21 12:31	1
Chromium	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:31	1
Cobalt	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:31	1
Copper	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:31	1
Iron	<0.40		0.40	0.20	mg/L		06/01/21 18:18	06/02/21 12:31	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/01/21 18:18	06/02/21 12:31	1
Manganese	1.2		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:31	1
Nickel	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:31	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:18	06/02/21 12:31	1
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:31	1
Zinc	0.099	J	0.50	0.020	mg/L		06/01/21 18:18	06/02/21 12:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.023	J	0.050	0.010	mg/L		06/01/21 18:21	06/02/21 11:30	1
Barium	0.25	J	0.50	0.050	mg/L		06/01/21 18:21	06/02/21 11:30	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/01/21 18:21	06/02/21 11:30	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/21 18:21	06/02/21 11:30	1
Chromium	0.063		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:30	1
Cobalt	0.018	J	0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:30	1
Copper	0.087		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:30	1
Iron	65		0.40	0.20	mg/L		06/01/21 18:21	06/02/21 11:30	1
Lead	0.080		0.0075	0.0075	mg/L		06/01/21 18:21	06/02/21 11:30	1
Manganese	0.51		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:30	1
Nickel	0.068		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:30	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:21	06/02/21 11:30	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-23(0-2)-052621

Lab Sample ID: 500-199752-13

Date Collected: 05/26/21 11:20

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 83.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:30	1
Zinc	0.36	J	0.50	0.020	mg/L		06/01/21 18:21	06/02/21 11:30	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.47	J	1.1	0.22	mg/Kg	☆	06/01/21 17:09	06/02/21 13:35	1
Arsenic	4.0		0.57	0.19	mg/Kg	☆	06/01/21 17:09	06/02/21 13:35	1
Barium	40		0.57	0.065	mg/Kg	☆	06/01/21 17:09	06/02/21 13:35	1
Beryllium	0.46		0.23	0.053	mg/Kg	☆	06/01/21 17:09	06/02/21 13:35	1
Cadmium	0.28	B	0.11	0.020	mg/Kg	☆	06/01/21 17:09	06/02/21 13:35	1
Calcium	140000	B	57	9.6	mg/Kg	☆	06/01/21 17:09	06/03/21 12:57	5
Chromium	19		0.57	0.28	mg/Kg	☆	06/01/21 17:09	06/02/21 13:35	1
Cobalt	5.9		0.28	0.074	mg/Kg	☆	06/01/21 17:09	06/02/21 13:35	1
Copper	17		0.57	0.16	mg/Kg	☆	06/01/21 17:09	06/02/21 13:35	1
Iron	13000	B	57	30	mg/Kg	☆	06/01/21 17:09	06/03/21 12:57	5
Lead	20		0.28	0.13	mg/Kg	☆	06/01/21 17:09	06/02/21 13:35	1
Magnesium	85000	B	28	14	mg/Kg	☆	06/01/21 17:09	06/03/21 12:57	5
Manganese	600	B	0.57	0.082	mg/Kg	☆	06/01/21 17:09	06/02/21 13:35	1
Nickel	13		0.57	0.17	mg/Kg	☆	06/01/21 17:09	06/02/21 13:35	1
Potassium	1100		28	10	mg/Kg	☆	06/01/21 17:09	06/02/21 13:35	1
Selenium	<0.57		0.57	0.33	mg/Kg	☆	06/01/21 17:09	06/02/21 13:35	1
Silver	0.28		0.28	0.073	mg/Kg	☆	06/01/21 17:09	06/02/21 13:35	1
Sodium	1000		57	8.4	mg/Kg	☆	06/01/21 17:09	06/02/21 13:35	1
Thallium	<0.57		0.57	0.28	mg/Kg	☆	06/01/21 17:09	06/02/21 13:35	1
Vanadium	28		0.28	0.067	mg/Kg	☆	06/01/21 17:09	06/02/21 13:35	1
Zinc	74		1.1	0.50	mg/Kg	☆	06/01/21 17:09	06/02/21 13:35	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 08:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 09:52	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.014	J	0.019	0.0064	mg/Kg	☆	06/01/21 13:20	06/02/21 07:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.0		0.2	0.2	SU			06/01/21 15:35	1

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-25(0-2)-052621

Lab Sample ID: 500-199752-14

Date Collected: 05/26/21 11:40

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 86.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015		0.015	0.0065	mg/Kg	☼	05/27/21 17:55	06/01/21 15:50	1
Benzene	<0.0015		0.0015	0.00038	mg/Kg	☼	05/27/21 17:55	06/01/21 15:50	1
Bromodichloromethane	<0.0015		0.0015	0.00030	mg/Kg	☼	05/27/21 17:55	06/01/21 15:50	1
Bromoform	<0.0015		0.0015	0.00043	mg/Kg	☼	05/27/21 17:55	06/01/21 15:50	1
Bromomethane	<0.0037		0.0037	0.0014	mg/Kg	☼	05/27/21 17:55	06/01/21 15:50	1
Carbon disulfide	<0.0037		0.0037	0.00077	mg/Kg	☼	05/27/21 17:55	06/01/21 15:50	1
Carbon tetrachloride	<0.0015		0.0015	0.00043	mg/Kg	☼	05/27/21 17:55	06/01/21 15:50	1
Chlorobenzene	<0.0015		0.0015	0.00055	mg/Kg	☼	05/27/21 17:55	06/01/21 15:50	1
Chloroethane	<0.0037	*+	0.0037	0.0011	mg/Kg	☼	05/27/21 17:55	06/01/21 15:50	1
Chloroform	<0.0015		0.0015	0.00051	mg/Kg	☼	05/27/21 17:55	06/01/21 15:50	1
Chloromethane	<0.0037		0.0037	0.0015	mg/Kg	☼	05/27/21 17:55	06/01/21 15:50	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00041	mg/Kg	☼	05/27/21 17:55	06/01/21 15:50	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00045	mg/Kg	☼	05/27/21 17:55	06/01/21 15:50	1
Dibromochloromethane	<0.0015		0.0015	0.00049	mg/Kg	☼	05/27/21 17:55	06/01/21 15:50	1
1,1-Dichloroethane	<0.0015		0.0015	0.00051	mg/Kg	☼	05/27/21 17:55	06/01/21 15:50	1
1,2-Dichloroethane	<0.0037		0.0037	0.0012	mg/Kg	☼	05/27/21 17:55	06/01/21 15:50	1
1,1-Dichloroethene	<0.0015		0.0015	0.00051	mg/Kg	☼	05/27/21 17:55	06/01/21 15:50	1
1,2-Dichloropropane	<0.0015		0.0015	0.00038	mg/Kg	☼	05/27/21 17:55	06/01/21 15:50	1
1,3-Dichloropropene, Total	<0.0015		0.0015	0.00052	mg/Kg	☼	05/27/21 17:55	06/01/21 15:50	1
Ethylbenzene	<0.0015		0.0015	0.00071	mg/Kg	☼	05/27/21 17:55	06/01/21 15:50	1
2-Hexanone	<0.0037		0.0037	0.0012	mg/Kg	☼	05/27/21 17:55	06/01/21 15:50	1
Methylene Chloride	<0.0037		0.0037	0.0015	mg/Kg	☼	05/27/21 17:55	06/01/21 15:50	1
Methyl Ethyl Ketone	<0.0037		0.0037	0.0016	mg/Kg	☼	05/27/21 17:55	06/01/21 15:50	1
methyl isobutyl ketone	<0.0037		0.0037	0.0011	mg/Kg	☼	05/27/21 17:55	06/01/21 15:50	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00044	mg/Kg	☼	05/27/21 17:55	06/01/21 15:50	1
Styrene	<0.0015		0.0015	0.00045	mg/Kg	☼	05/27/21 17:55	06/01/21 15:50	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00047	mg/Kg	☼	05/27/21 17:55	06/01/21 15:50	1
Tetrachloroethene	<0.0015		0.0015	0.00051	mg/Kg	☼	05/27/21 17:55	06/01/21 15:50	1
Toluene	<0.0015		0.0015	0.00037	mg/Kg	☼	05/27/21 17:55	06/01/21 15:50	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00066	mg/Kg	☼	05/27/21 17:55	06/01/21 15:50	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00052	mg/Kg	☼	05/27/21 17:55	06/01/21 15:50	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00050	mg/Kg	☼	05/27/21 17:55	06/01/21 15:50	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00064	mg/Kg	☼	05/27/21 17:55	06/01/21 15:50	1
Trichloroethene	<0.0015		0.0015	0.00050	mg/Kg	☼	05/27/21 17:55	06/01/21 15:50	1
Vinyl chloride	<0.0015		0.0015	0.00066	mg/Kg	☼	05/27/21 17:55	06/01/21 15:50	1
Xylenes, Total	<0.0030		0.0030	0.00047	mg/Kg	☼	05/27/21 17:55	06/01/21 15:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		75 - 131	05/27/21 17:55	06/01/21 15:50	1
Dibromofluoromethane	101		75 - 126	05/27/21 17:55	06/01/21 15:50	1
1,2-Dichloroethane-d4 (Surr)	107		70 - 134	05/27/21 17:55	06/01/21 15:50	1
Toluene-d8 (Surr)	104		75 - 124	05/27/21 17:55	06/01/21 15:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	☼	06/02/21 07:17	06/02/21 23:05	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	☼	06/02/21 07:17	06/02/21 23:05	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	☼	06/02/21 07:17	06/02/21 23:05	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	☼	06/02/21 07:17	06/02/21 23:05	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	☼	06/02/21 07:17	06/02/21 23:05	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-25(0-2)-052621

Lab Sample ID: 500-199752-14

Date Collected: 05/26/21 11:40

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 86.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.087	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
2,4-Dichlorophenol	<0.38		0.38	0.090	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
2,4-Dimethylphenol	<0.38		0.38	0.14	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
2,4-Dinitrophenol	<0.77		0.77	0.67	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
2,4-Dinitrotoluene	<0.19		0.19	0.060	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
2,6-Dinitrotoluene	<0.19		0.19	0.075	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
2-Chlorophenol	<0.19		0.19	0.065	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
2-Methylnaphthalene	<0.077		0.077	0.0070	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
2-Methylphenol	<0.19		0.19	0.061	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
2-Nitrophenol	<0.38		0.38	0.090	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
3 & 4 Methylphenol	<0.19		0.19	0.063	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.053	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
4,6-Dinitro-2-methylphenol	<0.77		0.77	0.30	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
4-Chloroaniline	<0.77		0.77	0.18	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
4-Nitrophenol	<0.77		0.77	0.36	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
Acenaphthene	<0.038		0.038	0.0068	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
Acenaphthylene	<0.038		0.038	0.0050	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
Anthracene	0.038		0.038	0.0063	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
Benzo[a]anthracene	0.055		0.038	0.0051	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
Benzo[a]pyrene	0.086	*3	0.038	0.0073	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
Benzo[b]fluoranthene	0.15	*3	0.038	0.0082	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
Benzo[g,h,i]perylene	0.048	*3	0.038	0.012	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
Benzo[k]fluoranthene	0.053	*3	0.038	0.011	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.057	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.069	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
Butyl benzyl phthalate	<0.19		0.19	0.072	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
Carbazole	0.15	J	0.19	0.095	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
Chrysene	0.066		0.038	0.010	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
Dibenz(a,h)anthracene	<0.038	*3	0.038	0.0073	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
Diethyl phthalate	<0.19		0.19	0.064	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
Di-n-butyl phthalate	<0.19		0.19	0.058	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
Di-n-octyl phthalate	<0.19		0.19	0.062	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
Fluoranthene	0.12		0.038	0.0070	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
Fluorene	0.032	J	0.038	0.0053	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
Hexachlorobenzene	<0.077		0.077	0.0088	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
Hexachlorobutadiene	<0.19		0.19	0.060	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
Hexachlorocyclopentadiene	<0.77		0.77	0.22	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1
Hexachloroethane	<0.19		0.19	0.058	mg/Kg	✳	06/02/21 07:17	06/02/21 23:05	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-25(0-2)-052621

Lab Sample ID: 500-199752-14

Date Collected: 05/26/21 11:40

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 86.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.025	J*3	0.038	0.0098	mg/Kg	☼	06/02/21 07:17	06/02/21 23:05	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	06/02/21 07:17	06/02/21 23:05	1
Naphthalene	<0.038		0.038	0.0058	mg/Kg	☼	06/02/21 07:17	06/02/21 23:05	1
Nitrobenzene	<0.038		0.038	0.0095	mg/Kg	☼	06/02/21 07:17	06/02/21 23:05	1
N-Nitrosodi-n-propylamine	<0.077		0.077	0.046	mg/Kg	☼	06/02/21 07:17	06/02/21 23:05	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	☼	06/02/21 07:17	06/02/21 23:05	1
Pentachlorophenol	<0.77	*	0.77	0.61	mg/Kg	☼	06/02/21 07:17	06/02/21 23:05	1
Phenanthrene	0.063		0.038	0.0053	mg/Kg	☼	06/02/21 07:17	06/02/21 23:05	1
Phenol	<0.19		0.19	0.084	mg/Kg	☼	06/02/21 07:17	06/02/21 23:05	1
Pyrene	0.11		0.038	0.0075	mg/Kg	☼	06/02/21 07:17	06/02/21 23:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	78		31 - 143				06/02/21 07:17	06/02/21 23:05	1
2-Fluorobiphenyl	93		43 - 145				06/02/21 07:17	06/02/21 23:05	1
2-Fluorophenol	123		31 - 166				06/02/21 07:17	06/02/21 23:05	1
Nitrobenzene-d5	77		37 - 147				06/02/21 07:17	06/02/21 23:05	1
Phenol-d5	112		30 - 153				06/02/21 07:17	06/02/21 23:05	1
Terphenyl-d14	156		42 - 157				06/02/21 07:17	06/02/21 23:05	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/01/21 18:18	06/02/21 12:35	1
Barium	0.41	J	0.50	0.050	mg/L		06/01/21 18:18	06/02/21 12:35	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/01/21 18:18	06/02/21 12:35	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/21 18:18	06/02/21 12:35	1
Chromium	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:35	1
Cobalt	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:35	1
Copper	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:35	1
Iron	0.20	J	0.40	0.20	mg/L		06/01/21 18:18	06/02/21 12:35	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/01/21 18:18	06/02/21 12:35	1
Manganese	0.88		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:35	1
Nickel	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:35	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:18	06/02/21 12:35	1
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:35	1
Zinc	0.029	J	0.50	0.020	mg/L		06/01/21 18:18	06/02/21 12:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.094		0.050	0.010	mg/L		06/01/21 18:21	06/02/21 11:33	1
Barium	0.48	J	0.50	0.050	mg/L		06/01/21 18:21	06/02/21 11:33	1
Beryllium	0.0087		0.0040	0.0040	mg/L		06/01/21 18:21	06/02/21 11:33	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/21 18:21	06/02/21 11:33	1
Chromium	0.17		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:33	1
Cobalt	0.068		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:33	1
Copper	0.23		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:33	1
Iron	190		0.40	0.20	mg/L		06/01/21 18:21	06/02/21 11:33	1
Lead	0.16		0.0075	0.0075	mg/L		06/01/21 18:21	06/02/21 11:33	1
Manganese	0.77		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:33	1
Nickel	0.20		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:33	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:21	06/02/21 11:33	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-25(0-2)-052621

Lab Sample ID: 500-199752-14

Date Collected: 05/26/21 11:40

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 86.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:33	1
Zinc	0.55		0.50	0.020	mg/L		06/01/21 18:21	06/02/21 11:33	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.71	J	1.1	0.22	mg/Kg	☆	06/01/21 17:09	06/02/21 13:38	1
Arsenic	8.0		0.56	0.19	mg/Kg	☆	06/01/21 17:09	06/02/21 13:38	1
Barium	60		0.56	0.064	mg/Kg	☆	06/01/21 17:09	06/02/21 13:38	1
Beryllium	0.70		0.22	0.052	mg/Kg	☆	06/01/21 17:09	06/02/21 13:38	1
Cadmium	0.26	B	0.11	0.020	mg/Kg	☆	06/01/21 17:09	06/02/21 13:38	1
Calcium	80000	B	56	9.5	mg/Kg	☆	06/01/21 17:09	06/03/21 13:00	5
Chromium	19		0.56	0.28	mg/Kg	☆	06/01/21 17:09	06/02/21 13:38	1
Cobalt	11		0.28	0.073	mg/Kg	☆	06/01/21 17:09	06/02/21 13:38	1
Copper	23		0.56	0.16	mg/Kg	☆	06/01/21 17:09	06/02/21 13:38	1
Iron	21000	B	56	29	mg/Kg	☆	06/01/21 17:09	06/03/21 13:00	5
Lead	25		0.28	0.13	mg/Kg	☆	06/01/21 17:09	06/02/21 13:38	1
Magnesium	45000	B	28	14	mg/Kg	☆	06/01/21 17:09	06/03/21 13:00	5
Manganese	360	B	0.56	0.081	mg/Kg	☆	06/01/21 17:09	06/02/21 13:38	1
Nickel	28		0.56	0.16	mg/Kg	☆	06/01/21 17:09	06/02/21 13:38	1
Potassium	2500		28	9.9	mg/Kg	☆	06/01/21 17:09	06/02/21 13:38	1
Selenium	<0.56		0.56	0.33	mg/Kg	☆	06/01/21 17:09	06/02/21 13:38	1
Silver	0.38		0.28	0.072	mg/Kg	☆	06/01/21 17:09	06/02/21 13:38	1
Sodium	1600		56	8.3	mg/Kg	☆	06/01/21 17:09	06/02/21 13:38	1
Thallium	<0.56		0.56	0.28	mg/Kg	☆	06/01/21 17:09	06/02/21 13:38	1
Vanadium	21		0.28	0.066	mg/Kg	☆	06/01/21 17:09	06/02/21 13:38	1
Zinc	64		1.1	0.49	mg/Kg	☆	06/01/21 17:09	06/02/21 13:38	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 08:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 09:58	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.031		0.018	0.0060	mg/Kg	☆	06/01/21 13:20	06/02/21 07:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.5		0.2	0.2	SU			06/01/21 15:35	1

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-27(0-2)-052621

Lab Sample ID: 500-199752-15

Date Collected: 05/26/21 11:55

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 86.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0076	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
Benzene	<0.0017		0.0017	0.00045	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
Bromodichloromethane	<0.0017		0.0017	0.00036	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
Bromoform	<0.0017		0.0017	0.00051	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
Bromomethane	<0.0044		0.0044	0.0017	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
Carbon disulfide	<0.0044		0.0044	0.00091	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
Carbon tetrachloride	<0.0017		0.0017	0.00051	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
Chlorobenzene	<0.0017		0.0017	0.00064	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
Chloroethane	<0.0044	*+	0.0044	0.0013	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
Chloroform	<0.0017		0.0017	0.00061	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
Chloromethane	<0.0044		0.0044	0.0018	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00049	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00053	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
Dibromochloromethane	<0.0017		0.0017	0.00057	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
1,1-Dichloroethane	<0.0017		0.0017	0.00060	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
1,2-Dichloroethane	<0.0044		0.0044	0.0014	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
1,1-Dichloroethene	<0.0017		0.0017	0.00060	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
1,2-Dichloropropane	<0.0017		0.0017	0.00045	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
1,3-Dichloropropane, Total	<0.0017		0.0017	0.00061	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
Ethylbenzene	<0.0017		0.0017	0.00084	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
2-Hexanone	<0.0044		0.0044	0.0014	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
Methylene Chloride	<0.0044		0.0044	0.0017	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
Methyl Ethyl Ketone	<0.0044		0.0044	0.0019	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
methyl isobutyl ketone	<0.0044		0.0044	0.0013	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00051	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
Styrene	<0.0017		0.0017	0.00053	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00056	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
Tetrachloroethene	<0.0017		0.0017	0.00059	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
Toluene	<0.0017		0.0017	0.00044	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00077	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00061	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00059	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00075	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
Trichloroethene	<0.0017		0.0017	0.00059	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
Vinyl chloride	<0.0017		0.0017	0.00077	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1
Xylenes, Total	<0.0035		0.0035	0.00056	mg/Kg	☼	05/27/21 17:55	06/01/21 16:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		75 - 131	05/27/21 17:55	06/01/21 16:16	1
Dibromofluoromethane	101		75 - 126	05/27/21 17:55	06/01/21 16:16	1
1,2-Dichloroethane-d4 (Surr)	108		70 - 134	05/27/21 17:55	06/01/21 16:16	1
Toluene-d8 (Surr)	102		75 - 124	05/27/21 17:55	06/01/21 16:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	☼	06/02/21 07:17	06/02/21 23:30	1
1,2-Dichlorobenzene	<0.19		0.19	0.044	mg/Kg	☼	06/02/21 07:17	06/02/21 23:30	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	06/02/21 07:17	06/02/21 23:30	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	☼	06/02/21 07:17	06/02/21 23:30	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	☼	06/02/21 07:17	06/02/21 23:30	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-27(0-2)-052621

Lab Sample ID: 500-199752-15

Date Collected: 05/26/21 11:55

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 86.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.085	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
2,4-Dichlorophenol	<0.37		0.37	0.088	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
2,4-Dinitrophenol	<0.75		0.75	0.65	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
2,4-Dinitrotoluene	<0.19		0.19	0.059	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
2,6-Dinitrotoluene	<0.19		0.19	0.073	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
2-Chlorophenol	<0.19		0.19	0.063	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
2-Methylnaphthalene	<0.075		0.075	0.0068	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
2-Nitrophenol	<0.37		0.37	0.088	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
3 & 4 Methylphenol	<0.19		0.19	0.062	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.052	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.30	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
4-Chloroaniline	<0.75		0.75	0.17	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.043	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
4-Nitrophenol	<0.75		0.75	0.35	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
Acenaphthene	<0.037		0.037	0.0067	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
Acenaphthylene	<0.037		0.037	0.0049	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
Anthracene	0.036	J	0.037	0.0062	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
Benzo[a]anthracene	0.088		0.037	0.0050	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
Benzo[a]pyrene	0.16	*3	0.037	0.0072	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
Benzo[b]fluoranthene	0.28	*3	0.037	0.0080	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
Benzo[g,h,i]perylene	0.062	*3	0.037	0.012	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
Benzo[k]fluoranthene	0.087	*3	0.037	0.011	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.068	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
Butyl benzyl phthalate	<0.19		0.19	0.071	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
Carbazole	0.15	J	0.19	0.093	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
Chrysene	0.11		0.037	0.010	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
Dibenz(a,h)anthracene	0.017	J *3	0.037	0.0072	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
Dibenzofuran	<0.19		0.19	0.043	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
Diethyl phthalate	<0.19		0.19	0.063	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
Dimethyl phthalate	<0.19		0.19	0.048	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
Fluoranthene	0.16		0.037	0.0069	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
Fluorene	0.031	J	0.037	0.0052	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
Hexachlorobenzene	<0.075		0.075	0.0086	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
Hexachlorobutadiene	<0.19		0.19	0.058	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
Hexachlorocyclopentadiene	<0.75		0.75	0.21	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1
Hexachloroethane	<0.19		0.19	0.056	mg/Kg	✳	06/02/21 07:17	06/02/21 23:30	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-27(0-2)-052621

Lab Sample ID: 500-199752-15

Date Collected: 05/26/21 11:55

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 86.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.046	*3	0.037	0.0096	mg/Kg	☼	06/02/21 07:17	06/02/21 23:30	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	06/02/21 07:17	06/02/21 23:30	1
Naphthalene	<0.037		0.037	0.0057	mg/Kg	☼	06/02/21 07:17	06/02/21 23:30	1
Nitrobenzene	<0.037		0.037	0.0093	mg/Kg	☼	06/02/21 07:17	06/02/21 23:30	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.045	mg/Kg	☼	06/02/21 07:17	06/02/21 23:30	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☼	06/02/21 07:17	06/02/21 23:30	1
Pentachlorophenol	<0.75	*-	0.75	0.60	mg/Kg	☼	06/02/21 07:17	06/02/21 23:30	1
Phenanthrene	0.067		0.037	0.0052	mg/Kg	☼	06/02/21 07:17	06/02/21 23:30	1
Phenol	<0.19		0.19	0.082	mg/Kg	☼	06/02/21 07:17	06/02/21 23:30	1
Pyrene	0.16		0.037	0.0074	mg/Kg	☼	06/02/21 07:17	06/02/21 23:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	76		31 - 143				06/02/21 07:17	06/02/21 23:30	1
2-Fluorobiphenyl	85		43 - 145				06/02/21 07:17	06/02/21 23:30	1
2-Fluorophenol	109		31 - 166				06/02/21 07:17	06/02/21 23:30	1
Nitrobenzene-d5	65		37 - 147				06/02/21 07:17	06/02/21 23:30	1
Phenol-d5	97		30 - 153				06/02/21 07:17	06/02/21 23:30	1
Terphenyl-d14	162	S1+	42 - 157				06/02/21 07:17	06/02/21 23:30	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/01/21 18:18	06/02/21 12:38	1
Barium	0.54		0.50	0.050	mg/L		06/01/21 18:18	06/02/21 12:38	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/01/21 18:18	06/02/21 12:38	1
Cadmium	0.0022	J	0.0050	0.0020	mg/L		06/01/21 18:18	06/02/21 12:38	1
Chromium	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:38	1
Cobalt	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:38	1
Copper	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:38	1
Iron	<0.40		0.40	0.20	mg/L		06/01/21 18:18	06/02/21 12:38	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/01/21 18:18	06/02/21 12:38	1
Manganese	0.51		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:38	1
Nickel	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:38	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:18	06/02/21 12:38	1
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:38	1
Zinc	0.16	J	0.50	0.020	mg/L		06/01/21 18:18	06/02/21 12:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.091		0.050	0.010	mg/L		06/01/21 18:21	06/02/21 11:36	1
Barium	0.55		0.50	0.050	mg/L		06/01/21 18:21	06/02/21 11:36	1
Beryllium	0.0080		0.0040	0.0040	mg/L		06/01/21 18:21	06/02/21 11:36	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/21 18:21	06/02/21 11:36	1
Chromium	0.15		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:36	1
Cobalt	0.055		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:36	1
Copper	0.21		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:36	1
Iron	180		0.40	0.20	mg/L		06/01/21 18:21	06/02/21 11:36	1
Lead	0.14		0.0075	0.0075	mg/L		06/01/21 18:21	06/02/21 11:36	1
Manganese	0.76		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:36	1
Nickel	0.17		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:36	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:21	06/02/21 11:36	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-27(0-2)-052621

Lab Sample ID: 500-199752-15

Date Collected: 05/26/21 11:55

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 86.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:36	1
Zinc	0.79		0.50	0.020	mg/L		06/01/21 18:21	06/02/21 11:36	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.63	J	1.1	0.21	mg/Kg	✱	06/01/21 17:09	06/02/21 13:41	1
Arsenic	7.4		0.55	0.19	mg/Kg	✱	06/01/21 17:09	06/02/21 13:41	1
Barium	48		0.55	0.063	mg/Kg	✱	06/01/21 17:09	06/02/21 13:41	1
Beryllium	0.65		0.22	0.051	mg/Kg	✱	06/01/21 17:09	06/02/21 13:41	1
Cadmium	0.29	B	0.11	0.020	mg/Kg	✱	06/01/21 17:09	06/02/21 13:41	1
Calcium	69000	B	55	9.3	mg/Kg	✱	06/01/21 17:09	06/03/21 13:03	5
Chromium	18		0.55	0.27	mg/Kg	✱	06/01/21 17:09	06/02/21 13:41	1
Cobalt	10		0.27	0.072	mg/Kg	✱	06/01/21 17:09	06/02/21 13:41	1
Copper	24		0.55	0.15	mg/Kg	✱	06/01/21 17:09	06/02/21 13:41	1
Iron	16000	B	11	5.7	mg/Kg	✱	06/01/21 17:09	06/02/21 13:41	1
Lead	19		0.27	0.13	mg/Kg	✱	06/01/21 17:09	06/02/21 13:41	1
Magnesium	32000	B	5.5	2.7	mg/Kg	✱	06/01/21 17:09	06/02/21 13:41	1
Manganese	390	B	0.55	0.080	mg/Kg	✱	06/01/21 17:09	06/02/21 13:41	1
Nickel	24		0.55	0.16	mg/Kg	✱	06/01/21 17:09	06/02/21 13:41	1
Potassium	2000		27	9.7	mg/Kg	✱	06/01/21 17:09	06/02/21 13:41	1
Selenium	<0.55		0.55	0.32	mg/Kg	✱	06/01/21 17:09	06/02/21 13:41	1
Silver	0.34		0.27	0.071	mg/Kg	✱	06/01/21 17:09	06/02/21 13:41	1
Sodium	910		55	8.1	mg/Kg	✱	06/01/21 17:09	06/02/21 13:41	1
Thallium	<0.55		0.55	0.27	mg/Kg	✱	06/01/21 17:09	06/02/21 13:41	1
Vanadium	22		0.27	0.065	mg/Kg	✱	06/01/21 17:09	06/02/21 13:41	1
Zinc	130		1.1	0.48	mg/Kg	✱	06/01/21 17:09	06/02/21 13:41	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 08:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 10:01	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.026		0.018	0.0061	mg/Kg	✱	06/01/21 13:20	06/02/21 07:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.8		0.2	0.2	SU			06/01/21 15:35	1

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-29(0-2)-052621

Lab Sample ID: 500-199752-16

Date Collected: 05/26/21 12:15

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 88.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0068	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
Benzene	<0.0016		0.0016	0.00040	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
Bromodichloromethane	<0.0016		0.0016	0.00032	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
Bromoform	<0.0016		0.0016	0.00045	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
Bromomethane	<0.0039		0.0039	0.0015	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
Carbon disulfide	<0.0039		0.0039	0.00081	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
Carbon tetrachloride	<0.0016		0.0016	0.00045	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
Chlorobenzene	<0.0016		0.0016	0.00057	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
Chloroethane	<0.0039	*+	0.0039	0.0011	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
Chloroform	<0.0016		0.0016	0.00054	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
Chloromethane	<0.0039		0.0039	0.0016	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00043	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00047	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
Dibromochloromethane	<0.0016		0.0016	0.00051	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
1,1-Dichloroethane	<0.0016		0.0016	0.00053	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
1,2-Dichloroethane	<0.0039		0.0039	0.0012	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
1,1-Dichloroethene	<0.0016		0.0016	0.00053	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
1,2-Dichloropropane	<0.0016		0.0016	0.00040	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00055	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
Ethylbenzene	<0.0016		0.0016	0.00074	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
2-Hexanone	<0.0039		0.0039	0.0012	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
Methylene Chloride	<0.0039		0.0039	0.0015	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
Methyl Ethyl Ketone	<0.0039		0.0039	0.0017	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
methyl isobutyl ketone	<0.0039		0.0039	0.0011	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00046	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
Styrene	<0.0016		0.0016	0.00047	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00050	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
Tetrachloroethene	<0.0016		0.0016	0.00053	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
Toluene	<0.0016		0.0016	0.00039	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00069	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00055	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00052	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00067	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
Trichloroethene	<0.0016		0.0016	0.00052	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
Vinyl chloride	<0.0016		0.0016	0.00069	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1
Xylenes, Total	<0.0031		0.0031	0.00050	mg/Kg	☼	05/27/21 17:55	06/01/21 16:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		75 - 131	05/27/21 17:55	06/01/21 16:42	1
Dibromofluoromethane	101		75 - 126	05/27/21 17:55	06/01/21 16:42	1
1,2-Dichloroethane-d4 (Surr)	112		70 - 134	05/27/21 17:55	06/01/21 16:42	1
Toluene-d8 (Surr)	103		75 - 124	05/27/21 17:55	06/01/21 16:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	☼	06/02/21 07:17	06/02/21 20:14	1
1,2-Dichlorobenzene	<0.19		0.19	0.044	mg/Kg	☼	06/02/21 07:17	06/02/21 20:14	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	06/02/21 07:17	06/02/21 20:14	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	☼	06/02/21 07:17	06/02/21 20:14	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	☼	06/02/21 07:17	06/02/21 20:14	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-29(0-2)-052621

Lab Sample ID: 500-199752-16

Date Collected: 05/26/21 12:15

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 88.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.085	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
2,4-Dichlorophenol	<0.37		0.37	0.088	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
2,4-Dinitrophenol	<0.75		0.75	0.65	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
2,4-Dinitrotoluene	<0.19		0.19	0.059	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
2,6-Dinitrotoluene	<0.19		0.19	0.073	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
2-Chlorophenol	<0.19		0.19	0.063	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
2-Methylnaphthalene	<0.075		0.075	0.0068	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
2-Nitrophenol	<0.37		0.37	0.088	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
3 & 4 Methylphenol	<0.19		0.19	0.062	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.052	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.30	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
4-Chloroaniline	<0.75		0.75	0.17	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.043	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
4-Nitrophenol	<0.75		0.75	0.35	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
Acenaphthene	<0.037		0.037	0.0067	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
Acenaphthylene	<0.037		0.037	0.0049	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
Anthracene	0.036	J	0.037	0.0062	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
Benzo[a]anthracene	0.041		0.037	0.0050	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
Benzo[a]pyrene	0.055		0.037	0.0072	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
Benzo[b]fluoranthene	0.089		0.037	0.0080	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
Benzo[g,h,i]perylene	0.046		0.037	0.012	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
Benzo[k]fluoranthene	0.029	J	0.037	0.011	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.068	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
Butyl benzyl phthalate	<0.19		0.19	0.071	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
Carbazole	0.14	J	0.19	0.093	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
Chrysene	0.045		0.037	0.010	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
Dibenz(a,h)anthracene	0.0083	J	0.037	0.0072	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
Diethyl phthalate	<0.19		0.19	0.063	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
Fluoranthene	0.086		0.037	0.0069	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
Fluorene	<0.037		0.037	0.0052	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
Hexachlorobenzene	<0.075		0.075	0.0086	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
Hexachlorobutadiene	<0.19		0.19	0.058	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
Hexachlorocyclopentadiene	<0.75		0.75	0.21	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1
Hexachloroethane	<0.19		0.19	0.057	mg/Kg	✳	06/02/21 07:17	06/02/21 20:14	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-29(0-2)-052621

Lab Sample ID: 500-199752-16

Date Collected: 05/26/21 12:15

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 88.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.020	J	0.037	0.0096	mg/Kg	☼	06/02/21 07:17	06/02/21 20:14	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	06/02/21 07:17	06/02/21 20:14	1
Naphthalene	<0.037		0.037	0.0057	mg/Kg	☼	06/02/21 07:17	06/02/21 20:14	1
Nitrobenzene	<0.037		0.037	0.0093	mg/Kg	☼	06/02/21 07:17	06/02/21 20:14	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.045	mg/Kg	☼	06/02/21 07:17	06/02/21 20:14	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☼	06/02/21 07:17	06/02/21 20:14	1
Pentachlorophenol	<0.75	*	0.75	0.60	mg/Kg	☼	06/02/21 07:17	06/02/21 20:14	1
Phenanthrene	0.044		0.037	0.0052	mg/Kg	☼	06/02/21 07:17	06/02/21 20:14	1
Phenol	<0.19		0.19	0.083	mg/Kg	☼	06/02/21 07:17	06/02/21 20:14	1
Pyrene	0.057		0.037	0.0074	mg/Kg	☼	06/02/21 07:17	06/02/21 20:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	68		31 - 143				06/02/21 07:17	06/02/21 20:14	1
2-Fluorobiphenyl	66		43 - 145				06/02/21 07:17	06/02/21 20:14	1
2-Fluorophenol	84		31 - 166				06/02/21 07:17	06/02/21 20:14	1
Nitrobenzene-d5	46		37 - 147				06/02/21 07:17	06/02/21 20:14	1
Phenol-d5	81		30 - 153				06/02/21 07:17	06/02/21 20:14	1
Terphenyl-d14	100		42 - 157				06/02/21 07:17	06/02/21 20:14	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/01/21 18:18	06/02/21 12:42	1
Barium	0.49	J	0.50	0.050	mg/L		06/01/21 18:18	06/02/21 12:42	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/01/21 18:18	06/02/21 12:42	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/21 18:18	06/02/21 12:42	1
Chromium	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:42	1
Cobalt	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:42	1
Copper	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:42	1
Iron	<0.40		0.40	0.20	mg/L		06/01/21 18:18	06/02/21 12:42	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/01/21 18:18	06/02/21 12:42	1
Manganese	0.49		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:42	1
Nickel	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:42	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:18	06/02/21 12:42	1
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:42	1
Zinc	0.025	J	0.50	0.020	mg/L		06/01/21 18:18	06/02/21 12:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.074		0.050	0.010	mg/L		06/01/21 18:21	06/02/21 11:55	1
Barium	0.56		0.50	0.050	mg/L		06/01/21 18:21	06/02/21 11:55	1
Beryllium	0.0077		0.0040	0.0040	mg/L		06/01/21 18:21	06/02/21 11:55	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/21 18:21	06/02/21 11:55	1
Chromium	0.15		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:55	1
Cobalt	0.045		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:55	1
Copper	0.17		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:55	1
Iron	170		0.40	0.20	mg/L		06/01/21 18:21	06/02/21 11:55	1
Lead	0.15		0.0075	0.0075	mg/L		06/01/21 18:21	06/02/21 11:55	1
Manganese	0.91		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:55	1
Nickel	0.16		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:55	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:21	06/02/21 11:55	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-29(0-2)-052621

Lab Sample ID: 500-199752-16

Date Collected: 05/26/21 12:15

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 88.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 11:55	1
Zinc	0.53		0.50	0.020	mg/L		06/01/21 18:21	06/02/21 11:55	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.91	J	1.1	0.21	mg/Kg	✱	06/01/21 17:09	06/02/21 13:45	1
Arsenic	7.7		0.54	0.18	mg/Kg	✱	06/01/21 17:09	06/02/21 13:45	1
Barium	64		0.54	0.061	mg/Kg	✱	06/01/21 17:09	06/02/21 13:45	1
Beryllium	0.72		0.21	0.050	mg/Kg	✱	06/01/21 17:09	06/02/21 13:45	1
Cadmium	0.37	B	0.11	0.019	mg/Kg	✱	06/01/21 17:09	06/02/21 13:45	1
Calcium	29000	B	11	1.8	mg/Kg	✱	06/01/21 17:09	06/02/21 13:45	1
Chromium	16		0.54	0.27	mg/Kg	✱	06/01/21 17:09	06/02/21 13:45	1
Cobalt	12		0.27	0.070	mg/Kg	✱	06/01/21 17:09	06/02/21 13:45	1
Copper	20		0.54	0.15	mg/Kg	✱	06/01/21 17:09	06/02/21 13:45	1
Iron	17000	B	11	5.6	mg/Kg	✱	06/01/21 17:09	06/02/21 13:45	1
Lead	22		0.27	0.12	mg/Kg	✱	06/01/21 17:09	06/02/21 13:45	1
Magnesium	20000	B	5.4	2.7	mg/Kg	✱	06/01/21 17:09	06/02/21 13:45	1
Manganese	460	B	0.54	0.078	mg/Kg	✱	06/01/21 17:09	06/02/21 13:45	1
Nickel	27		0.54	0.16	mg/Kg	✱	06/01/21 17:09	06/02/21 13:45	1
Potassium	1600		27	9.5	mg/Kg	✱	06/01/21 17:09	06/02/21 13:45	1
Selenium	0.40	J	0.54	0.32	mg/Kg	✱	06/01/21 17:09	06/02/21 13:45	1
Silver	0.44		0.27	0.069	mg/Kg	✱	06/01/21 17:09	06/02/21 13:45	1
Sodium	2700		54	7.9	mg/Kg	✱	06/01/21 17:09	06/02/21 13:45	1
Thallium	<0.54		0.54	0.27	mg/Kg	✱	06/01/21 17:09	06/02/21 13:45	1
Vanadium	26		0.27	0.063	mg/Kg	✱	06/01/21 17:09	06/02/21 13:45	1
Zinc	63		1.1	0.47	mg/Kg	✱	06/01/21 17:09	06/02/21 13:45	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 08:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 10:03	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.031		0.018	0.0060	mg/Kg	✱	06/01/21 13:20	06/02/21 07:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.9		0.2	0.2	SU			06/01/21 15:35	1

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-33(0-2)-052621

Lab Sample ID: 500-199752-18

Date Collected: 05/26/21 12:45

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 87.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0072	mg/Kg	☼	05/27/21 17:55	06/01/21 17:33	1
Benzene	<0.0016		0.0016	0.00042	mg/Kg	☼	05/27/21 17:55	06/01/21 17:33	1
Bromodichloromethane	<0.0016		0.0016	0.00034	mg/Kg	☼	05/27/21 17:55	06/01/21 17:33	1
Bromoform	<0.0016		0.0016	0.00048	mg/Kg	☼	05/27/21 17:55	06/01/21 17:33	1
Bromomethane	<0.0041		0.0041	0.0016	mg/Kg	☼	05/27/21 17:55	06/01/21 17:33	1
Carbon disulfide	<0.0041		0.0041	0.00086	mg/Kg	☼	05/27/21 17:55	06/01/21 17:33	1
Carbon tetrachloride	<0.0016		0.0016	0.00048	mg/Kg	☼	05/27/21 17:55	06/01/21 17:33	1
Chlorobenzene	<0.0016		0.0016	0.00061	mg/Kg	☼	05/27/21 17:55	06/01/21 17:33	1
Chloroethane	<0.0041	*+	0.0041	0.0012	mg/Kg	☼	05/27/21 17:55	06/01/21 17:33	1
Chloroform	<0.0016		0.0016	0.00057	mg/Kg	☼	05/27/21 17:55	06/01/21 17:33	1
Chloromethane	<0.0041		0.0041	0.0017	mg/Kg	☼	05/27/21 17:55	06/01/21 17:33	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00046	mg/Kg	☼	05/27/21 17:55	06/01/21 17:33	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00050	mg/Kg	☼	05/27/21 17:55	06/01/21 17:33	1
Dibromochloromethane	<0.0016		0.0016	0.00054	mg/Kg	☼	05/27/21 17:55	06/01/21 17:33	1
1,1-Dichloroethane	<0.0016		0.0016	0.00056	mg/Kg	☼	05/27/21 17:55	06/01/21 17:33	1
1,2-Dichloroethane	<0.0041		0.0041	0.0013	mg/Kg	☼	05/27/21 17:55	06/01/21 17:33	1
1,1-Dichloroethene	<0.0016		0.0016	0.00057	mg/Kg	☼	05/27/21 17:55	06/01/21 17:33	1
1,2-Dichloropropane	<0.0016		0.0016	0.00043	mg/Kg	☼	05/27/21 17:55	06/01/21 17:33	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00058	mg/Kg	☼	05/27/21 17:55	06/01/21 17:33	1
Ethylbenzene	<0.0016		0.0016	0.00079	mg/Kg	☼	05/27/21 17:55	06/01/21 17:33	1
2-Hexanone	<0.0041		0.0041	0.0013	mg/Kg	☼	05/27/21 17:55	06/01/21 17:33	1
Methylene Chloride	<0.0041		0.0041	0.0016	mg/Kg	☼	05/27/21 17:55	06/01/21 17:33	1
Methyl Ethyl Ketone	<0.0041		0.0041	0.0018	mg/Kg	☼	05/27/21 17:55	06/01/21 17:33	1
methyl isobutyl ketone	<0.0041		0.0041	0.0012	mg/Kg	☼	05/27/21 17:55	06/01/21 17:33	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00048	mg/Kg	☼	05/27/21 17:55	06/01/21 17:33	1
Styrene	<0.0016		0.0016	0.00050	mg/Kg	☼	05/27/21 17:55	06/01/21 17:33	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00053	mg/Kg	☼	05/27/21 17:55	06/01/21 17:33	1
Tetrachloroethene	<0.0016		0.0016	0.00056	mg/Kg	☼	05/27/21 17:55	06/01/21 17:33	1
Toluene	<0.0016		0.0016	0.00042	mg/Kg	☼	05/27/21 17:55	06/01/21 17:33	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00073	mg/Kg	☼	05/27/21 17:55	06/01/21 17:33	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00058	mg/Kg	☼	05/27/21 17:55	06/01/21 17:33	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00055	mg/Kg	☼	05/27/21 17:55	06/01/21 17:33	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00071	mg/Kg	☼	05/27/21 17:55	06/01/21 17:33	1
Trichloroethene	<0.0016		0.0016	0.00056	mg/Kg	☼	05/27/21 17:55	06/01/21 17:33	1
Vinyl chloride	<0.0016		0.0016	0.00073	mg/Kg	☼	05/27/21 17:55	06/01/21 17:33	1
Xylenes, Total	<0.0033		0.0033	0.00053	mg/Kg	☼	05/27/21 17:55	06/01/21 17:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		75 - 131	05/27/21 17:55	06/01/21 17:33	1
Dibromofluoromethane	107		75 - 126	05/27/21 17:55	06/01/21 17:33	1
1,2-Dichloroethane-d4 (Surr)	117		70 - 134	05/27/21 17:55	06/01/21 17:33	1
Toluene-d8 (Surr)	101		75 - 124	05/27/21 17:55	06/01/21 17:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.040	mg/Kg	☼	06/02/21 07:17	06/03/21 01:56	1
1,2-Dichlorobenzene	<0.18		0.18	0.044	mg/Kg	☼	06/02/21 07:17	06/03/21 01:56	1
1,3-Dichlorobenzene	<0.18		0.18	0.041	mg/Kg	☼	06/02/21 07:17	06/03/21 01:56	1
1,4-Dichlorobenzene	<0.18		0.18	0.047	mg/Kg	☼	06/02/21 07:17	06/03/21 01:56	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.043	mg/Kg	☼	06/02/21 07:17	06/03/21 01:56	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-33(0-2)-052621

Lab Sample ID: 500-199752-18

Date Collected: 05/26/21 12:45

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 87.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.084	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
2,4-Dichlorophenol	<0.37		0.37	0.087	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
2,4-Dinitrophenol	<0.74		0.74	0.65	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
2,4-Dinitrotoluene	<0.18		0.18	0.058	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
2,6-Dinitrotoluene	<0.18		0.18	0.072	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
2-Chloronaphthalene	<0.18		0.18	0.041	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
2-Chlorophenol	<0.18		0.18	0.063	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
2-Methylnaphthalene	0.015	J	0.074	0.0068	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
2-Methylphenol	<0.18		0.18	0.059	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
2-Nitroaniline	<0.18		0.18	0.049	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
2-Nitrophenol	<0.37		0.37	0.087	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
3 & 4 Methylphenol	<0.18		0.18	0.061	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
3,3'-Dichlorobenzidine	<0.18	*3	0.18	0.051	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
3-Nitroaniline	<0.37		0.37	0.11	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
4,6-Dinitro-2-methylphenol	<0.74		0.74	0.30	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.048	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
4-Chloroaniline	<0.74		0.74	0.17	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.043	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
4-Nitroaniline	<0.37		0.37	0.15	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
4-Nitrophenol	<0.74		0.74	0.35	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
Acenaphthene	0.044		0.037	0.0066	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
Acenaphthylene	0.057		0.037	0.0048	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
Anthracene	0.13		0.037	0.0061	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
Benzo[a]anthracene	0.44	*3	0.037	0.0049	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
Benzo[a]pyrene	0.45	*3	0.037	0.0071	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
Benzo[b]fluoranthene	0.69	*3	0.037	0.0079	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
Benzo[g,h,i]perylene	0.13	*3	0.037	0.012	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
Benzo[k]fluoranthene	0.27	*3	0.037	0.011	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.038	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.055	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
Bis(2-ethylhexyl) phthalate	0.80	*3	0.18	0.067	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
Butyl benzyl phthalate	<0.18	*3	0.18	0.070	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
Carbazole	0.19		0.18	0.092	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
Chrysene	0.46	*3	0.037	0.010	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
Dibenz(a,h)anthracene	0.048	*3	0.037	0.0071	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
Dibenzofuran	<0.18		0.18	0.043	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
Diethyl phthalate	<0.18		0.18	0.062	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
Dimethyl phthalate	<0.18		0.18	0.048	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
Di-n-butyl phthalate	<0.18		0.18	0.056	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
Di-n-octyl phthalate	<0.18		0.18	0.060	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
Fluoranthene	0.71		0.037	0.0068	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
Fluorene	0.068		0.037	0.0052	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
Hexachlorobenzene	<0.074		0.074	0.0085	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
Hexachlorobutadiene	<0.18		0.18	0.058	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
Hexachlorocyclopentadiene	<0.74		0.74	0.21	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1
Hexachloroethane	<0.18		0.18	0.056	mg/Kg	✳	06/02/21 07:17	06/03/21 01:56	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-33(0-2)-052621

Lab Sample ID: 500-199752-18

Date Collected: 05/26/21 12:45

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 87.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.14	*3	0.037	0.0095	mg/Kg	☼	06/02/21 07:17	06/03/21 01:56	1
Isophorone	<0.18		0.18	0.041	mg/Kg	☼	06/02/21 07:17	06/03/21 01:56	1
Naphthalene	0.015	J	0.037	0.0057	mg/Kg	☼	06/02/21 07:17	06/03/21 01:56	1
Nitrobenzene	<0.037		0.037	0.0092	mg/Kg	☼	06/02/21 07:17	06/03/21 01:56	1
N-Nitrosodi-n-propylamine	<0.074		0.074	0.045	mg/Kg	☼	06/02/21 07:17	06/03/21 01:56	1
N-Nitrosodiphenylamine	<0.18		0.18	0.043	mg/Kg	☼	06/02/21 07:17	06/03/21 01:56	1
Pentachlorophenol	<0.74	*-	0.74	0.59	mg/Kg	☼	06/02/21 07:17	06/03/21 01:56	1
Phenanthrene	0.55		0.037	0.0051	mg/Kg	☼	06/02/21 07:17	06/03/21 01:56	1
Phenol	<0.18		0.18	0.082	mg/Kg	☼	06/02/21 07:17	06/03/21 01:56	1
Pyrene	1.9	*3	0.037	0.0073	mg/Kg	☼	06/02/21 07:17	06/03/21 01:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	72		31 - 143				06/02/21 07:17	06/03/21 01:56	1
2-Fluorobiphenyl	69		43 - 145				06/02/21 07:17	06/03/21 01:56	1
2-Fluorophenol	98		31 - 166				06/02/21 07:17	06/03/21 01:56	1
Nitrobenzene-d5	55		37 - 147				06/02/21 07:17	06/03/21 01:56	1
Phenol-d5	81		30 - 153				06/02/21 07:17	06/03/21 01:56	1
Terphenyl-d14	209	S1+ *3	42 - 157				06/02/21 07:17	06/03/21 01:56	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/01/21 18:18	06/02/21 12:57	1
Barium	0.49	J	0.50	0.050	mg/L		06/01/21 18:18	06/02/21 12:57	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/01/21 18:18	06/02/21 12:57	1
Cadmium	0.0033	J	0.0050	0.0020	mg/L		06/01/21 18:18	06/02/21 12:57	1
Chromium	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:57	1
Cobalt	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:57	1
Copper	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:57	1
Iron	<0.40		0.40	0.20	mg/L		06/01/21 18:18	06/02/21 12:57	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/01/21 18:18	06/02/21 12:57	1
Manganese	0.88		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:57	1
Nickel	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:57	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:18	06/02/21 12:57	1
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 12:57	1
Zinc	0.091	J	0.50	0.020	mg/L		06/01/21 18:18	06/02/21 12:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.059		0.050	0.010	mg/L		06/01/21 18:21	06/02/21 12:01	1
Barium	0.84		0.50	0.050	mg/L		06/01/21 18:21	06/02/21 12:01	1
Beryllium	0.0082		0.0040	0.0040	mg/L		06/01/21 18:21	06/02/21 12:01	1
Cadmium	0.0031	J	0.0050	0.0020	mg/L		06/01/21 18:21	06/02/21 12:01	1
Chromium	0.20		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 12:01	1
Cobalt	0.037		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 12:01	1
Copper	0.19		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 12:01	1
Iron	200		0.40	0.20	mg/L		06/01/21 18:21	06/02/21 12:01	1
Lead	0.24		0.0075	0.0075	mg/L		06/01/21 18:21	06/02/21 12:01	1
Manganese	0.82		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 12:01	1
Nickel	0.16		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 12:01	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:21	06/02/21 12:01	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-33(0-2)-052621

Lab Sample ID: 500-199752-18

Date Collected: 05/26/21 12:45

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 87.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 12:01	1
Zinc	0.84		0.50	0.020	mg/L		06/01/21 18:21	06/02/21 12:01	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.72	J	1.1	0.21	mg/Kg	✱	06/01/21 17:09	06/02/21 13:58	1
Arsenic	4.7		0.53	0.18	mg/Kg	✱	06/01/21 17:09	06/02/21 13:58	1
Barium	83		0.53	0.061	mg/Kg	✱	06/01/21 17:09	06/02/21 13:58	1
Beryllium	0.58		0.21	0.050	mg/Kg	✱	06/01/21 17:09	06/02/21 13:58	1
Cadmium	0.67	B	0.11	0.019	mg/Kg	✱	06/01/21 17:09	06/02/21 13:58	1
Calcium	49000	B	53	9.0	mg/Kg	✱	06/01/21 17:09	06/03/21 13:10	5
Chromium	29		0.53	0.26	mg/Kg	✱	06/01/21 17:09	06/02/21 13:58	1
Cobalt	6.8		0.27	0.070	mg/Kg	✱	06/01/21 17:09	06/02/21 13:58	1
Copper	32		0.53	0.15	mg/Kg	✱	06/01/21 17:09	06/02/21 13:58	1
Iron	16000	B	11	5.5	mg/Kg	✱	06/01/21 17:09	06/02/21 13:58	1
Lead	120		0.27	0.12	mg/Kg	✱	06/01/21 17:09	06/02/21 13:58	1
Magnesium	22000	B	5.3	2.6	mg/Kg	✱	06/01/21 17:09	06/02/21 13:58	1
Manganese	510	B	0.53	0.077	mg/Kg	✱	06/01/21 17:09	06/02/21 13:58	1
Nickel	16		0.53	0.15	mg/Kg	✱	06/01/21 17:09	06/02/21 13:58	1
Potassium	920		27	9.4	mg/Kg	✱	06/01/21 17:09	06/02/21 13:58	1
Selenium	0.31	J	0.53	0.31	mg/Kg	✱	06/01/21 17:09	06/02/21 13:58	1
Silver	0.38		0.27	0.069	mg/Kg	✱	06/01/21 17:09	06/02/21 13:58	1
Sodium	2300		53	7.9	mg/Kg	✱	06/01/21 17:09	06/02/21 13:58	1
Thallium	<0.53		0.53	0.27	mg/Kg	✱	06/01/21 17:09	06/02/21 13:58	1
Vanadium	25		0.27	0.063	mg/Kg	✱	06/01/21 17:09	06/02/21 13:58	1
Zinc	140		1.1	0.47	mg/Kg	✱	06/01/21 17:09	06/02/21 13:58	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 09:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00023		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 10:07	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.032		0.018	0.0061	mg/Kg	✱	06/01/21 13:20	06/02/21 07:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.2		0.2	0.2	SU			06/01/21 15:47	1

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-35(0-2)-052621

Lab Sample ID: 500-199752-19

Date Collected: 05/26/21 13:00

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 87.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.013		0.013	0.0059	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
Benzene	<0.0013		0.0013	0.00034	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
Bromodichloromethane	<0.0013		0.0013	0.00027	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
Bromoform	<0.0013		0.0013	0.00039	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
Bromomethane	<0.0034		0.0034	0.0013	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
Carbon disulfide	<0.0034		0.0034	0.00070	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
Carbon tetrachloride	<0.0013		0.0013	0.00039	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
Chlorobenzene	<0.0013		0.0013	0.00050	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
Chloroethane	<0.0034	*+	0.0034	0.0010	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
Chloroform	<0.0013		0.0013	0.00047	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
Chloromethane	<0.0034		0.0034	0.0014	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
cis-1,2-Dichloroethene	<0.0013		0.0013	0.00038	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
cis-1,3-Dichloropropene	<0.0013		0.0013	0.00041	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
Dibromochloromethane	<0.0013		0.0013	0.00044	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
1,1-Dichloroethane	<0.0013		0.0013	0.00046	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
1,2-Dichloroethane	<0.0034		0.0034	0.0010	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
1,1-Dichloroethene	<0.0013		0.0013	0.00046	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
1,2-Dichloropropane	<0.0013		0.0013	0.00035	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
1,3-Dichloropropane, Total	<0.0013		0.0013	0.00047	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
Ethylbenzene	<0.0013		0.0013	0.00064	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
2-Hexanone	<0.0034		0.0034	0.0010	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
Methylene Chloride	<0.0034		0.0034	0.0013	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
Methyl Ethyl Ketone	<0.0034		0.0034	0.0015	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
methyl isobutyl ketone	<0.0034		0.0034	0.0010	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
Methyl tert-butyl ether	<0.0013		0.0013	0.00039	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
Styrene	<0.0013		0.0013	0.00041	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
1,1,2,2-Tetrachloroethane	<0.0013		0.0013	0.00043	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
Tetrachloroethene	<0.0013		0.0013	0.00046	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
Toluene	<0.0013		0.0013	0.00034	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
trans-1,2-Dichloroethene	<0.0013		0.0013	0.00060	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
trans-1,3-Dichloropropene	<0.0013		0.0013	0.00047	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
1,1,1-Trichloroethane	<0.0013		0.0013	0.00045	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
1,1,2-Trichloroethane	<0.0013		0.0013	0.00058	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
Trichloroethene	<0.0013		0.0013	0.00045	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
Vinyl chloride	<0.0013		0.0013	0.00060	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1
Xylenes, Total	<0.0027		0.0027	0.00043	mg/Kg	✳	05/27/21 17:55	06/01/21 20:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		75 - 131	05/27/21 17:55	06/01/21 20:06	1
Dibromofluoromethane	105		75 - 126	05/27/21 17:55	06/01/21 20:06	1
1,2-Dichloroethane-d4 (Surr)	116		70 - 134	05/27/21 17:55	06/01/21 20:06	1
Toluene-d8 (Surr)	105		75 - 124	05/27/21 17:55	06/01/21 20:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-35(0-2)-052621

Lab Sample ID: 500-199752-19

Date Collected: 05/26/21 13:00

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 87.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.086	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
2,4-Dichlorophenol	<0.38		0.38	0.090	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
2,4-Dimethylphenol	<0.38		0.38	0.14	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
2,4-Dinitrophenol	<0.76		0.76	0.67	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
2,4-Dinitrotoluene	<0.19		0.19	0.060	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
2,6-Dinitrotoluene	<0.19		0.19	0.074	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
2-Chlorophenol	<0.19		0.19	0.064	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
2-Methylnaphthalene	<0.076		0.076	0.0069	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
2-Methylphenol	<0.19		0.19	0.061	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
2-Nitrophenol	<0.38		0.38	0.089	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
3 & 4 Methylphenol	<0.19		0.19	0.063	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.053	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.30	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
4-Chloroaniline	<0.76		0.76	0.18	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
4-Nitrophenol	<0.76		0.76	0.36	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
Acenaphthene	0.017	J	0.038	0.0068	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
Acenaphthylene	0.013	J	0.038	0.0050	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
Anthracene	0.059		0.038	0.0063	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
Benzo[a]anthracene	0.096		0.038	0.0051	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
Benzo[a]pyrene	0.12		0.038	0.0073	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
Benzo[b]fluoranthene	0.16		0.038	0.0082	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
Benzo[g,h,i]perylene	0.066		0.038	0.012	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
Benzo[k]fluoranthene	0.051		0.038	0.011	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.057	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.069	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
Butyl benzyl phthalate	<0.19		0.19	0.072	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
Carbazole	0.16	J	0.19	0.094	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
Chrysene	0.11		0.038	0.010	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
Dibenz(a,h)anthracene	0.017	J	0.038	0.0073	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
Diethyl phthalate	<0.19		0.19	0.064	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
Di-n-butyl phthalate	<0.19		0.19	0.058	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
Di-n-octyl phthalate	<0.19		0.19	0.062	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
Fluoranthene	0.21		0.038	0.0070	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
Fluorene	0.044		0.038	0.0053	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
Hexachlorobenzene	<0.076		0.076	0.0088	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
Hexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
Hexachlorocyclopentadiene	<0.76		0.76	0.22	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1
Hexachloroethane	<0.19		0.19	0.057	mg/Kg	✳	06/02/21 07:17	06/02/21 19:02	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-35(0-2)-052621

Lab Sample ID: 500-199752-19

Date Collected: 05/26/21 13:00

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 87.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.046		0.038	0.0098	mg/Kg	☼	06/02/21 07:17	06/02/21 19:02	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	06/02/21 07:17	06/02/21 19:02	1
Naphthalene	0.0059	J	0.038	0.0058	mg/Kg	☼	06/02/21 07:17	06/02/21 19:02	1
Nitrobenzene	<0.038		0.038	0.0094	mg/Kg	☼	06/02/21 07:17	06/02/21 19:02	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.046	mg/Kg	☼	06/02/21 07:17	06/02/21 19:02	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	☼	06/02/21 07:17	06/02/21 19:02	1
Pentachlorophenol	<0.76	*-	0.76	0.61	mg/Kg	☼	06/02/21 07:17	06/02/21 19:02	1
Phenanthrene	0.18		0.038	0.0053	mg/Kg	☼	06/02/21 07:17	06/02/21 19:02	1
Phenol	<0.19		0.19	0.084	mg/Kg	☼	06/02/21 07:17	06/02/21 19:02	1
Pyrene	0.20		0.038	0.0075	mg/Kg	☼	06/02/21 07:17	06/02/21 19:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	72		31 - 143				06/02/21 07:17	06/02/21 19:02	1
2-Fluorobiphenyl	65		43 - 145				06/02/21 07:17	06/02/21 19:02	1
2-Fluorophenol	84		31 - 166				06/02/21 07:17	06/02/21 19:02	1
Nitrobenzene-d5	46		37 - 147				06/02/21 07:17	06/02/21 19:02	1
Phenol-d5	82		30 - 153				06/02/21 07:17	06/02/21 19:02	1
Terphenyl-d14	105		42 - 157				06/02/21 07:17	06/02/21 19:02	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/01/21 18:18	06/02/21 13:01	1
Barium	0.59		0.50	0.050	mg/L		06/01/21 18:18	06/02/21 13:01	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/01/21 18:18	06/02/21 13:01	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/21 18:18	06/02/21 13:01	1
Chromium	0.11		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 13:01	1
Cobalt	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 13:01	1
Copper	0.021	J	0.025	0.010	mg/L		06/01/21 18:18	06/02/21 13:01	1
Iron	0.48		0.40	0.20	mg/L		06/01/21 18:18	06/02/21 13:01	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/01/21 18:18	06/02/21 13:01	1
Manganese	0.94		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 13:01	1
Nickel	0.10		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 13:01	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:18	06/02/21 13:01	1
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:18	06/02/21 13:01	1
Zinc	0.021	J	0.50	0.020	mg/L		06/01/21 18:18	06/02/21 13:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.063		0.050	0.010	mg/L		06/01/21 18:21	06/02/21 12:04	1
Barium	0.65		0.50	0.050	mg/L		06/01/21 18:21	06/02/21 12:04	1
Beryllium	0.0072		0.0040	0.0040	mg/L		06/01/21 18:21	06/02/21 12:04	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/01/21 18:21	06/02/21 12:04	1
Chromium	0.16		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 12:04	1
Cobalt	0.041		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 12:04	1
Copper	0.14		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 12:04	1
Iron	160		0.40	0.20	mg/L		06/01/21 18:21	06/02/21 12:04	1
Lead	0.14		0.0075	0.0075	mg/L		06/01/21 18:21	06/02/21 12:04	1
Manganese	0.93		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 12:04	1
Nickel	0.14		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 12:04	1
Selenium	<0.050		0.050	0.020	mg/L		06/01/21 18:21	06/02/21 12:04	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199752-1

Client Sample ID: ROW-35(0-2)-052621

Lab Sample ID: 500-199752-19

Date Collected: 05/26/21 13:00

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 87.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/01/21 18:21	06/02/21 12:04	1
Zinc	0.48	J	0.50	0.020	mg/L		06/01/21 18:21	06/02/21 12:04	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.54	J	1.1	0.21	mg/Kg	☆	06/01/21 17:09	06/02/21 14:01	1
Arsenic	7.3		0.53	0.18	mg/Kg	☆	06/01/21 17:09	06/02/21 14:01	1
Barium	78		0.53	0.061	mg/Kg	☆	06/01/21 17:09	06/02/21 14:01	1
Beryllium	0.60		0.21	0.050	mg/Kg	☆	06/01/21 17:09	06/02/21 14:01	1
Cadmium	0.30	B	0.11	0.019	mg/Kg	☆	06/01/21 17:09	06/02/21 14:01	1
Calcium	21000	B	11	1.8	mg/Kg	☆	06/01/21 17:09	06/02/21 14:01	1
Chromium	13		0.53	0.26	mg/Kg	☆	06/01/21 17:09	06/02/21 14:01	1
Cobalt	9.2		0.27	0.070	mg/Kg	☆	06/01/21 17:09	06/02/21 14:01	1
Copper	15		0.53	0.15	mg/Kg	☆	06/01/21 17:09	06/02/21 14:01	1
Iron	14000	B	11	5.5	mg/Kg	☆	06/01/21 17:09	06/02/21 14:01	1
Lead	31		0.27	0.12	mg/Kg	☆	06/01/21 17:09	06/02/21 14:01	1
Magnesium	13000	B	5.3	2.6	mg/Kg	☆	06/01/21 17:09	06/02/21 14:01	1
Manganese	510	B	0.53	0.077	mg/Kg	☆	06/01/21 17:09	06/02/21 14:01	1
Nickel	20		0.53	0.15	mg/Kg	☆	06/01/21 17:09	06/02/21 14:01	1
Potassium	1200		27	9.4	mg/Kg	☆	06/01/21 17:09	06/02/21 14:01	1
Selenium	0.42	J	0.53	0.31	mg/Kg	☆	06/01/21 17:09	06/02/21 14:01	1
Silver	0.41		0.27	0.069	mg/Kg	☆	06/01/21 17:09	06/02/21 14:01	1
Sodium	1800		53	7.9	mg/Kg	☆	06/01/21 17:09	06/02/21 14:01	1
Thallium	<0.53		0.53	0.27	mg/Kg	☆	06/01/21 17:09	06/02/21 14:01	1
Vanadium	22		0.27	0.063	mg/Kg	☆	06/01/21 17:09	06/02/21 14:01	1
Zinc	56		1.1	0.47	mg/Kg	☆	06/01/21 17:09	06/02/21 14:01	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 09:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/01/21 14:25	06/02/21 10:09	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.026		0.018	0.0061	mg/Kg	☆	06/01/21 13:20	06/02/21 07:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.2		0.2	0.2	SU			06/01/21 15:47	1

Definitions/Glossary

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

Job ID: 500-199752-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*3	ISTD response or retention time outside acceptable limits.
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

Metals

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

Glossary

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

Definitions/Glossary

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

Job ID: 500-199752-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

Accreditation/Certification Summary

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

Job ID: 500-199752-1

Laboratory: Eurofins TestAmerica, Chicago

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

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	IL00035	04-29-22

1

2

3

4

5

6

7

8

9

10

11

12

13


14

15

Address _____

Regulatory Program: DW NPDES RCRA Other

TAL-8210

Client Contact		Project Manager: <u>Andris Slesse</u>		Site Contact		Date		COC No	
Company Name <u>Weston Solutions</u>		Tel/Email:		Lab Contact		Carrier		1 of 3 COCs	
Address <u>300 Plaza Cir Ste 202</u>		Analysis Turnaround Time		Filtered Sample (Y/N) Perform MS / MSD (Y/N) VOCs SVOCs Total Metals TCDD/PCP/Actals pH		 500-199752 COC		Sampler	
City/State/Zip <u>Muncie, IN 47306</u>		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS						For Lab Use Only.	
Phone:		TAT if different from Below:						Walk-in Client	
Fax:		<input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day						Lab Sampling	
Project Name <u>IDOT E-90</u>								Job / SDG No	
Site								<u>500-199752</u>	
P O #									
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.			Sample Specific Notes
1	ROW-1(0-2)-052621	5/26/21	0820	G	S	6	X	X	
2	ROW-3(0-2)-052621		0835				X	X	
3	ROW-5(0-2)-052621		0855				X	X	
4	ROW-7(0-2)-052621		0905				X	X	
5	ROW-9(0-2)-052621		0920				X	X	
6	ROW-11(0-2)-052621		0935				X	X	
7	ROW-13(0-2)-052621		0955				X	X	
8	ROW-15(0-2)-052621		1005				X	X	
9	ROW-17(0-2)-052621		1020				X	X	
10	ROW-19(0-2)-052621		1035				X	X	
11	ROW-19(0-2)-052621 D		1035				X	X	
12	ROW-21(0-2)-052621		1100				X	X	
Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other									
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)				
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown					<input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months				
Special Instructions/QC Requirements & Comments: <u>4.9 → 4.7, 3.8 → 3.6, 5.1 → 4.9, 2.2 → 2.0, 5.8 → 5.6</u>									
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temp. (°C) Obs'd		Corr'd		Therm ID No	
Relinquished by: <u>[Signature]</u>		Company: <u>Weston</u>		Date/Time: <u>5/26 1610</u>		Received by: <u>P. Neal</u>		Company: <u>ETA</u>	
Relinquished by: <u>P. Neal</u>		Company: <u>ETA</u>		Date/Time: <u>5/26/21 1718</u>		Received by: <u>[Signature]</u>		Company: <u>[Signature]</u>	
Relinquished by:		Company:		Date/Time:		Received in Laboratory by: <u>Paula Buchling</u>		Company: <u>ETA CUI</u>	
								Date/Time: <u>5/26/21 1718</u>	

Chain of Custody Record

533084



Environment Testing
TestAmerica

Address: _____

Regulatory Program: DW NPDES RCRA Other

TAL-8210

Client Contact		Project Manager: <u>Andrus Slessers</u>		Site Contact		Date		COC No	
Company Name: <u>Weston Solutions</u>		Tel/Email		Lab Contact		Carrier		2 of 3 COCs	
Address: <u>300 Plaza Dr Ste 202</u>		Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Filtered Sample (Y/N) Perform MS/MSD (Y/N)		VOCs SVOCs Total Metals TEBP/SPLR Metals pH		Sampler: For Lab Use Only: Walk-in Client: <input type="checkbox"/> Lab Sampling: <input type="checkbox"/>	
City/State/Zip: <u>Mundelein, IL 60060</u>									
Phone		<input type="checkbox"/> 2 weeks						Sample Specific Notes	
Fax		<input type="checkbox"/> 1 week							
Project Name: <u>TDOT I-80</u>		<input type="checkbox"/> 2 days							
Site		<input type="checkbox"/> 1 day							
P O #									

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	VOCs	SVOCs	Total Metals	TEBP/SPLR Metals	pH
13 Row-23(0-2)-052621	5/26/21	1120	G	S	6			Y	X	X	X	X
14 Row-25(0-2)-052621		1140						X	X	X	X	X
15 Row-27(0-2)-052621		1155						X	X	X	X	X
16 Row-29(0-2)-052621		1215						X	X	X	X	X
17 Row-31(0-2)-052621		1230						X	X	X	X	X
18 Row-33(0-2)-052621		1245						X	X	X	X	X
19 Row-35(0-2)-052621		1300						X	X	X	X	X
20 Row-37(0-2)-052621		1315						X	X	X	X	X
Row-39(0-2)-052621		1330						X	X	X	X	X
Row-39(0-2)-052621D		1330						X	X	X	X	X
Row-41(0-2)-052621		1350						X	X	X	X	X
Row-43(0-2)-052621	↓	1405	↓	↓	↓			X	X	X	X	X

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

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

Non Hazard Flammable Skin Irritant Poison B Unknown

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

Special Instructions/QC Requirements & Comments: 4.9 → 4.7, 3.8 → 3.6, 5.1 → 4.9, 2.2 → 2.0, 5.8 → 5.6

Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.:	Cooler Temp (°C) Obs'd	Corr'd	Therm ID No.:
Relinquished by: <u>[Signature]</u>	Company: <u>Weston</u>	Date/Time: <u>5/26/21 1610</u>	Received by: <u>A. New</u>	Company: <u>ETA</u>
Relinquished by: <u>P. New</u>	Company: <u>ETA</u>	Date/Time: <u>5/26/21 1718</u>	Received by: <u>[Signature]</u>	Company: <u>ETA</u>
Relinquished by:	Company:	Date/Time:	Received in Laboratory by: <u>Paula Buckley</u>	Company: <u>ETA CH</u>

ANALYTICAL REPORT

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

Laboratory Job ID: 500-199753-1
Client Project/Site: IDOT - I-80 - WO 019

For:

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

Attn: Mr. Andris Slesers



Authorized for release by:
6/7/2021 2:45:08 PM

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

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:

www.eurofinsus.com/Env

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

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

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

Client Sample Results

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

Job ID: 500-199753-1

Client Sample ID: ROW-39(0-2)-052621

Lab Sample ID: 500-199753-1

Date Collected: 05/26/21 13:30

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 89.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018		0.018	0.0079	mg/Kg	✳	05/27/21 17:55	05/28/21 16:41	1
Benzene	<0.0018		0.0018	0.00046	mg/Kg	✳	05/27/21 17:55	05/28/21 16:41	1
Bromodichloromethane	<0.0018		0.0018	0.00037	mg/Kg	✳	05/27/21 17:55	05/28/21 16:41	1
Bromoform	<0.0018		0.0018	0.00053	mg/Kg	✳	05/27/21 17:55	05/28/21 16:41	1
Bromomethane	<0.0045		0.0045	0.0017	mg/Kg	✳	05/27/21 17:55	05/28/21 16:41	1
Carbon disulfide	<0.0045		0.0045	0.00094	mg/Kg	✳	05/27/21 17:55	05/28/21 16:41	1
Carbon tetrachloride	<0.0018		0.0018	0.00053	mg/Kg	✳	05/27/21 17:55	05/28/21 16:41	1
Chlorobenzene	<0.0018		0.0018	0.00067	mg/Kg	✳	05/27/21 17:55	05/28/21 16:41	1
Chloroethane	<0.0045		0.0045	0.0013	mg/Kg	✳	05/27/21 17:55	05/28/21 16:41	1
Chloroform	<0.0018		0.0018	0.00063	mg/Kg	✳	05/27/21 17:55	05/28/21 16:41	1
Chloromethane	<0.0045		0.0045	0.0018	mg/Kg	✳	05/27/21 17:55	05/28/21 16:41	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00051	mg/Kg	✳	05/27/21 17:55	05/28/21 16:41	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00055	mg/Kg	✳	05/27/21 17:55	05/28/21 16:41	1
Dibromochloromethane	<0.0018		0.0018	0.00059	mg/Kg	✳	05/27/21 17:55	05/28/21 16:41	1
1,1-Dichloroethane	<0.0018		0.0018	0.00062	mg/Kg	✳	05/27/21 17:55	05/28/21 16:41	1
1,2-Dichloroethane	<0.0045		0.0045	0.0014	mg/Kg	✳	05/27/21 17:55	05/28/21 16:41	1
1,1-Dichloroethene	<0.0018		0.0018	0.00062	mg/Kg	✳	05/27/21 17:55	05/28/21 16:41	1
1,2-Dichloropropane	<0.0018		0.0018	0.00047	mg/Kg	✳	05/27/21 17:55	05/28/21 16:41	1
1,3-Dichloropropane, Total	<0.0018		0.0018	0.00064	mg/Kg	✳	05/27/21 17:55	05/28/21 16:41	1
Ethylbenzene	<0.0018		0.0018	0.00087	mg/Kg	✳	05/27/21 17:55	05/28/21 16:41	1
2-Hexanone	<0.0045		0.0045	0.0014	mg/Kg	✳	05/27/21 17:55	05/28/21 16:41	1
Methylene Chloride	<0.0045		0.0045	0.0018	mg/Kg	✳	05/27/21 17:55	05/28/21 16:41	1
Methyl Ethyl Ketone	<0.0045		0.0045	0.0020	mg/Kg	✳	05/27/21 17:55	05/28/21 16:41	1
methyl isobutyl ketone	<0.0045		0.0045	0.0013	mg/Kg	✳	05/27/21 17:55	05/28/21 16:41	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00053	mg/Kg	✳	05/27/21 17:55	05/28/21 16:41	1
Styrene	<0.0018		0.0018	0.00055	mg/Kg	✳	05/27/21 17:55	05/28/21 16:41	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00058	mg/Kg	✳	05/27/21 17:55	05/28/21 16:41	1
Tetrachloroethene	<0.0018		0.0018	0.00062	mg/Kg	✳	05/27/21 17:55	05/28/21 16:41	1
Toluene	<0.0018		0.0018	0.00046	mg/Kg	✳	05/27/21 17:55	05/28/21 16:41	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00080	mg/Kg	✳	05/27/21 17:55	05/28/21 16:41	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00064	mg/Kg	✳	05/27/21 17:55	05/28/21 16:41	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00061	mg/Kg	✳	05/27/21 17:55	05/28/21 16:41	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00078	mg/Kg	✳	05/27/21 17:55	05/28/21 16:41	1
Trichloroethene	<0.0018		0.0018	0.00061	mg/Kg	✳	05/27/21 17:55	05/28/21 16:41	1
Vinyl chloride	<0.0018		0.0018	0.00080	mg/Kg	✳	05/27/21 17:55	05/28/21 16:41	1
Xylenes, Total	<0.0036		0.0036	0.00058	mg/Kg	✳	05/27/21 17:55	05/28/21 16:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		75 - 131	05/27/21 17:55	05/28/21 16:41	1
Dibromofluoromethane	96		75 - 126	05/27/21 17:55	05/28/21 16:41	1
1,2-Dichloroethane-d4 (Surr)	92		70 - 134	05/27/21 17:55	05/28/21 16:41	1
Toluene-d8 (Surr)	96		75 - 124	05/27/21 17:55	05/28/21 16:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	✳	06/02/21 17:25	06/03/21 14:06	1
1,2-Dichlorobenzene	<0.19		0.19	0.044	mg/Kg	✳	06/02/21 17:25	06/03/21 14:06	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	✳	06/02/21 17:25	06/03/21 14:06	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	✳	06/02/21 17:25	06/03/21 14:06	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	✳	06/02/21 17:25	06/03/21 14:06	1

Euofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199753-1

Client Sample ID: ROW-39(0-2)-052621

Lab Sample ID: 500-199753-1

Date Collected: 05/26/21 13:30

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 89.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.085	mg/Kg	☆	06/02/21 17:25	06/03/21 14:06	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	☆	06/02/21 17:25	06/03/21 14:06	1
2,4-Dichlorophenol	<0.37		0.37	0.088	mg/Kg	☆	06/02/21 17:25	06/03/21 14:06	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	☆	06/02/21 17:25	06/03/21 14:06	1
2,4-Dinitrophenol	<0.75		0.75	0.65	mg/Kg	☆	06/02/21 17:25	06/03/21 14:06	1
2,4-Dinitrotoluene	<0.19		0.19	0.059	mg/Kg	☆	06/02/21 17:25	06/03/21 14:06	1
2,6-Dinitrotoluene	<0.19		0.19	0.073	mg/Kg	☆	06/02/21 17:25	06/03/21 14:06	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	☆	06/02/21 17:25	06/03/21 14:06	1
2-Chlorophenol	<0.19		0.19	0.063	mg/Kg	☆	06/02/21 17:25	06/03/21 14:06	1
2-Methylnaphthalene	0.0098	J	0.075	0.0068	mg/Kg	☆	06/02/21 17:25	06/03/21 14:06	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	☆	06/02/21 17:25	06/03/21 14:06	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	☆	06/02/21 17:25	06/03/21 14:06	1
2-Nitrophenol	<0.37		0.37	0.088	mg/Kg	☆	06/02/21 17:25	06/03/21 14:06	1
3 & 4 Methylphenol	<0.19		0.19	0.062	mg/Kg	☆	06/02/21 17:25	06/03/21 14:06	1
3,3'-Dichlorobenzidine	<0.19	*	0.19	0.052	mg/Kg	☆	06/02/21 17:25	06/03/21 14:06	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	☆	06/02/21 17:25	06/03/21 14:06	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.30	mg/Kg	☆	06/02/21 17:25	06/03/21 14:06	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	☆	06/02/21 17:25	06/03/21 14:06	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	☆	06/02/21 17:25	06/03/21 14:06	1
4-Chloroaniline	<0.75		0.75	0.17	mg/Kg	☆	06/02/21 17:25	06/03/21 14:06	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.043	mg/Kg	☆	06/02/21 17:25	06/03/21 14:06	1
4-Nitroaniline	<0.37	*	0.37	0.16	mg/Kg	☆	06/02/21 17:25	06/03/21 14:06	1
4-Nitrophenol	<0.75		0.75	0.35	mg/Kg	☆	06/02/21 17:25	06/03/21 14:06	1
Acenaphthene	0.028	J	0.037	0.0067	mg/Kg	☆	06/02/21 17:25	06/03/21 14:06	1
Acenaphthylene	0.011	J	0.037	0.0049	mg/Kg	☆	06/02/21 17:25	06/03/21 14:06	1
Anthracene	0.070		0.037	0.0062	mg/Kg	☆	06/02/21 17:25	06/03/21 14:06	1
Benzo[a]anthracene	0.29		0.037	0.0050	mg/Kg	☆	06/02/21 17:25	06/03/21 14:06	1
Benzo[a]pyrene	0.31	*3	0.037	0.0072	mg/Kg	☆	06/02/21 17:25	06/03/21 14:06	1
Benzo[b]fluoranthene	0.51	*3	0.037	0.0080	mg/Kg	☆	06/02/21 17:25	06/03/21 14:06	1
Benzo[g,h,i]perylene	0.11	*3	0.037	0.012	mg/Kg	☆	06/02/21 17:25	06/03/21 14:06	1
Benzo[k]fluoranthene	0.16	*3	0.037	0.011	mg/Kg	☆	06/02/21 17:25	06/03/21 14:06	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	☆	06/02/21 17:25	06/03/21 14:06	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	☆	06/02/21 17:25	06/03/21 14:06	1
Bis(2-ethylhexyl) phthalate	0.28		0.19	0.068	mg/Kg	☆	06/02/21 17:25	06/03/21 14:06	1
Butyl benzyl phthalate	<0.19		0.19	0.071	mg/Kg	☆	06/02/21 17:25	06/03/21 14:06	1
Carbazole	<0.19		0.19	0.093	mg/Kg	☆	06/02/21 17:25	06/03/21 14:06	1
Chrysene	0.30		0.037	0.010	mg/Kg	☆	06/02/21 17:25	06/03/21 14:06	1
Dibenz(a,h)anthracene	0.029	J *3	0.037	0.0072	mg/Kg	☆	06/02/21 17:25	06/03/21 14:06	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	☆	06/02/21 17:25	06/03/21 14:06	1
Diethyl phthalate	<0.19		0.19	0.063	mg/Kg	☆	06/02/21 17:25	06/03/21 14:06	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	☆	06/02/21 17:25	06/03/21 14:06	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	☆	06/02/21 17:25	06/03/21 14:06	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	☆	06/02/21 17:25	06/03/21 14:06	1
Fluoranthene	0.66		0.037	0.0069	mg/Kg	☆	06/02/21 17:25	06/03/21 14:06	1
Fluorene	0.025	J	0.037	0.0052	mg/Kg	☆	06/02/21 17:25	06/03/21 14:06	1
Hexachlorobenzene	<0.075		0.075	0.0086	mg/Kg	☆	06/02/21 17:25	06/03/21 14:06	1
Hexachlorobutadiene	<0.19		0.19	0.058	mg/Kg	☆	06/02/21 17:25	06/03/21 14:06	1
Hexachlorocyclopentadiene	<0.75		0.75	0.21	mg/Kg	☆	06/02/21 17:25	06/03/21 14:06	1
Hexachloroethane	<0.19		0.19	0.056	mg/Kg	☆	06/02/21 17:25	06/03/21 14:06	1

Client Sample Results

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

Job ID: 500-199753-1

Client Sample ID: ROW-39(0-2)-052621

Lab Sample ID: 500-199753-1

Date Collected: 05/26/21 13:30

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 89.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.087	*3	0.037	0.0096	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
Naphthalene	0.042		0.037	0.0057	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
Nitrobenzene	<0.037		0.037	0.0093	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.045	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
Pentachlorophenol	<0.75		0.75	0.60	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
Phenanthrene	0.33		0.037	0.0052	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
Phenol	<0.19		0.19	0.083	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
Pyrene	0.73		0.037	0.0074	mg/Kg	☼	06/02/21 17:25	06/03/21 14:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	76		31 - 143				06/02/21 17:25	06/03/21 14:06	1
2-Fluorobiphenyl	88		43 - 145				06/02/21 17:25	06/03/21 14:06	1
2-Fluorophenol	86		31 - 166				06/02/21 17:25	06/03/21 14:06	1
Nitrobenzene-d5	76		37 - 147				06/02/21 17:25	06/03/21 14:06	1
Phenol-d5	86		30 - 153				06/02/21 17:25	06/03/21 14:06	1
Terphenyl-d14	144		42 - 157				06/02/21 17:25	06/03/21 14:06	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/02/21 18:20	06/03/21 10:29	1
Barium	0.66		0.50	0.050	mg/L		06/02/21 18:20	06/03/21 10:29	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/02/21 18:20	06/03/21 10:29	1
Cadmium	0.0020	J	0.0050	0.0020	mg/L		06/02/21 18:20	06/03/21 10:29	1
Chromium	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:29	1
Cobalt	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:29	1
Copper	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:29	1
Iron	<0.40	+	0.40	0.20	mg/L		06/02/21 18:20	06/03/21 10:29	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/02/21 18:20	06/03/21 10:29	1
Manganese	3.0		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:29	1
Nickel	0.012	J	0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:29	1
Selenium	<0.050		0.050	0.020	mg/L		06/02/21 18:20	06/03/21 10:29	1
Silver	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:29	1
Zinc	0.13	J	0.50	0.020	mg/L		06/02/21 18:20	06/03/21 10:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.051		0.050	0.010	mg/L		06/03/21 08:08	06/03/21 21:08	1
Barium	0.72		0.50	0.050	mg/L		06/03/21 08:08	06/03/21 21:08	1
Beryllium	0.0066		0.0040	0.0040	mg/L		06/03/21 08:08	06/03/21 21:08	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 08:08	06/03/21 21:08	1
Chromium	0.15		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:08	1
Cobalt	0.036		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:08	1
Copper	0.12		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:08	1
Iron	150		0.40	0.20	mg/L		06/03/21 08:08	06/03/21 21:08	1
Lead	0.11		0.0075	0.0075	mg/L		06/03/21 08:08	06/03/21 21:08	1
Manganese	0.69		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:08	1
Nickel	0.12		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:08	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 08:08	06/03/21 21:08	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199753-1

Client Sample ID: ROW-39(0-2)-052621

Lab Sample ID: 500-199753-1

Date Collected: 05/26/21 13:30

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 89.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:08	1
Zinc	0.49	J	0.50	0.020	mg/L		06/03/21 08:08	06/03/21 21:08	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.89	J F1	1.0	0.20	mg/Kg	☆	06/02/21 08:22	06/02/21 18:32	1
Arsenic	5.1	F1	0.52	0.18	mg/Kg	☆	06/02/21 08:22	06/02/21 18:32	1
Barium	73	F1 F2	0.52	0.060	mg/Kg	☆	06/02/21 08:22	06/02/21 18:32	1
Beryllium	0.54		0.21	0.049	mg/Kg	☆	06/02/21 08:22	06/02/21 18:32	1
Cadmium	0.26		0.10	0.019	mg/Kg	☆	06/02/21 08:22	06/02/21 18:32	1
Calcium	20000	F2 B	10	1.8	mg/Kg	☆	06/02/21 08:22	06/02/21 18:32	1
Chromium	25	F1 F2	0.52	0.26	mg/Kg	☆	06/02/21 08:22	06/02/21 18:32	1
Cobalt	7.1		0.26	0.069	mg/Kg	☆	06/02/21 08:22	06/02/21 18:32	1
Copper	15	F1 F2	0.52	0.15	mg/Kg	☆	06/02/21 08:22	06/02/21 18:32	1
Iron	14000	F2	10	5.5	mg/Kg	☆	06/02/21 08:22	06/02/21 18:32	1
Lead	19	F1 F2	0.26	0.12	mg/Kg	☆	06/02/21 08:22	06/02/21 18:32	1
Magnesium	12000		5.2	2.6	mg/Kg	☆	06/02/21 08:22	06/02/21 18:32	1
Manganese	530	F2 B	0.52	0.076	mg/Kg	☆	06/02/21 08:22	06/02/21 18:32	1
Nickel	16		0.52	0.15	mg/Kg	☆	06/02/21 08:22	06/02/21 18:32	1
Potassium	680	F1	26	9.3	mg/Kg	☆	06/02/21 08:22	06/02/21 18:32	1
Selenium	0.40	J F1	0.52	0.31	mg/Kg	☆	06/02/21 08:22	06/02/21 18:32	1
Silver	0.36		0.26	0.068	mg/Kg	☆	06/02/21 08:22	06/02/21 18:32	1
Sodium	2200	B	52	7.8	mg/Kg	☆	06/02/21 08:22	06/02/21 18:32	1
Thallium	0.89		0.52	0.26	mg/Kg	☆	06/02/21 08:22	06/02/21 18:32	1
Vanadium	23	F1	0.26	0.062	mg/Kg	☆	06/02/21 08:22	06/02/21 18:32	1
Zinc	63	F1	1.0	0.46	mg/Kg	☆	06/02/21 08:22	06/02/21 18:32	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/02/21 15:20	06/03/21 09:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/21 10:00	06/04/21 10:43	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.024		0.017	0.0056	mg/Kg	☆	06/02/21 12:50	06/03/21 07:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.9		0.2	0.2	SU			06/01/21 14:47	1

Client Sample Results

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

Job ID: 500-199753-1

Client Sample ID: ROW-39(0-2)-052621D

Lab Sample ID: 500-199753-2

Date Collected: 05/26/21 13:30

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 85.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018		0.018	0.0080	mg/Kg	☼	05/27/21 17:55	05/28/21 17:06	1
Benzene	<0.0018		0.0018	0.00047	mg/Kg	☼	05/27/21 17:55	05/28/21 17:06	1
Bromodichloromethane	<0.0018		0.0018	0.00037	mg/Kg	☼	05/27/21 17:55	05/28/21 17:06	1
Bromoform	<0.0018		0.0018	0.00053	mg/Kg	☼	05/27/21 17:55	05/28/21 17:06	1
Bromomethane	<0.0046		0.0046	0.0017	mg/Kg	☼	05/27/21 17:55	05/28/21 17:06	1
Carbon disulfide	<0.0046		0.0046	0.00095	mg/Kg	☼	05/27/21 17:55	05/28/21 17:06	1
Carbon tetrachloride	<0.0018		0.0018	0.00053	mg/Kg	☼	05/27/21 17:55	05/28/21 17:06	1
Chlorobenzene	<0.0018		0.0018	0.00067	mg/Kg	☼	05/27/21 17:55	05/28/21 17:06	1
Chloroethane	<0.0046		0.0046	0.0014	mg/Kg	☼	05/27/21 17:55	05/28/21 17:06	1
Chloroform	<0.0018		0.0018	0.00063	mg/Kg	☼	05/27/21 17:55	05/28/21 17:06	1
Chloromethane	<0.0046		0.0046	0.0018	mg/Kg	☼	05/27/21 17:55	05/28/21 17:06	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00051	mg/Kg	☼	05/27/21 17:55	05/28/21 17:06	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00055	mg/Kg	☼	05/27/21 17:55	05/28/21 17:06	1
Dibromochloromethane	<0.0018		0.0018	0.00060	mg/Kg	☼	05/27/21 17:55	05/28/21 17:06	1
1,1-Dichloroethane	<0.0018		0.0018	0.00063	mg/Kg	☼	05/27/21 17:55	05/28/21 17:06	1
1,2-Dichloroethane	<0.0046		0.0046	0.0014	mg/Kg	☼	05/27/21 17:55	05/28/21 17:06	1
1,1-Dichloroethene	<0.0018		0.0018	0.00063	mg/Kg	☼	05/27/21 17:55	05/28/21 17:06	1
1,2-Dichloropropane	<0.0018		0.0018	0.00047	mg/Kg	☼	05/27/21 17:55	05/28/21 17:06	1
1,3-Dichloropropane, Total	<0.0018		0.0018	0.00064	mg/Kg	☼	05/27/21 17:55	05/28/21 17:06	1
Ethylbenzene	<0.0018		0.0018	0.00087	mg/Kg	☼	05/27/21 17:55	05/28/21 17:06	1
2-Hexanone	<0.0046		0.0046	0.0014	mg/Kg	☼	05/27/21 17:55	05/28/21 17:06	1
Methylene Chloride	<0.0046		0.0046	0.0018	mg/Kg	☼	05/27/21 17:55	05/28/21 17:06	1
Methyl Ethyl Ketone	<0.0046		0.0046	0.0020	mg/Kg	☼	05/27/21 17:55	05/28/21 17:06	1
methyl isobutyl ketone	<0.0046		0.0046	0.0014	mg/Kg	☼	05/27/21 17:55	05/28/21 17:06	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00054	mg/Kg	☼	05/27/21 17:55	05/28/21 17:06	1
Styrene	<0.0018		0.0018	0.00055	mg/Kg	☼	05/27/21 17:55	05/28/21 17:06	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00058	mg/Kg	☼	05/27/21 17:55	05/28/21 17:06	1
Tetrachloroethene	<0.0018		0.0018	0.00062	mg/Kg	☼	05/27/21 17:55	05/28/21 17:06	1
Toluene	<0.0018		0.0018	0.00046	mg/Kg	☼	05/27/21 17:55	05/28/21 17:06	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00081	mg/Kg	☼	05/27/21 17:55	05/28/21 17:06	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00064	mg/Kg	☼	05/27/21 17:55	05/28/21 17:06	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00061	mg/Kg	☼	05/27/21 17:55	05/28/21 17:06	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00078	mg/Kg	☼	05/27/21 17:55	05/28/21 17:06	1
Trichloroethene	<0.0018		0.0018	0.00062	mg/Kg	☼	05/27/21 17:55	05/28/21 17:06	1
Vinyl chloride	<0.0018		0.0018	0.00081	mg/Kg	☼	05/27/21 17:55	05/28/21 17:06	1
Xylenes, Total	<0.0037		0.0037	0.00058	mg/Kg	☼	05/27/21 17:55	05/28/21 17:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		75 - 131	05/27/21 17:55	05/28/21 17:06	1
Dibromofluoromethane	97		75 - 126	05/27/21 17:55	05/28/21 17:06	1
1,2-Dichloroethane-d4 (Surr)	95		70 - 134	05/27/21 17:55	05/28/21 17:06	1
Toluene-d8 (Surr)	94		75 - 124	05/27/21 17:55	05/28/21 17:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	☼	06/02/21 17:25	06/04/21 01:18	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	☼	06/02/21 17:25	06/04/21 01:18	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	☼	06/02/21 17:25	06/04/21 01:18	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	☼	06/02/21 17:25	06/04/21 01:18	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.045	mg/Kg	☼	06/02/21 17:25	06/04/21 01:18	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199753-1

Client Sample ID: ROW-39(0-2)-052621D

Lab Sample ID: 500-199753-2

Date Collected: 05/26/21 13:30

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 85.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.088	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
2,4-Dichlorophenol	<0.38		0.38	0.091	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
2,4-Dimethylphenol	<0.38		0.38	0.15	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
2,4-Dinitrophenol	<0.78		0.78	0.68	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
2,4-Dinitrotoluene	<0.19		0.19	0.061	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
2,6-Dinitrotoluene	<0.19		0.19	0.076	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
2-Chloronaphthalene	<0.19		0.19	0.043	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
2-Chlorophenol	<0.19		0.19	0.066	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
2-Methylnaphthalene	<0.078		0.078	0.0071	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
2-Methylphenol	<0.19		0.19	0.062	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
2-Nitroaniline	<0.19		0.19	0.052	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
2-Nitrophenol	<0.38		0.38	0.091	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
3 & 4 Methylphenol	<0.19		0.19	0.064	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
3,3'-Dichlorobenzidine	<0.19	*	0.19	0.054	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
4,6-Dinitro-2-methylphenol	<0.78		0.78	0.31	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.051	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
4-Chloroaniline	<0.78		0.78	0.18	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
4-Nitroaniline	<0.38	*	0.38	0.16	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
4-Nitrophenol	<0.78		0.78	0.37	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Acenaphthene	<0.038		0.038	0.0069	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Acenaphthylene	<0.038		0.038	0.0051	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Anthracene	0.036	J	0.038	0.0064	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Benzo[a]anthracene	0.030	J	0.038	0.0052	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Benzo[a]pyrene	0.044	*3	0.038	0.0074	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Benzo[b]fluoranthene	0.085	*3	0.038	0.0083	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Benzo[g,h,i]perylene	0.043	*3	0.038	0.012	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Benzo[k]fluoranthene	0.029	J *3	0.038	0.011	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.058	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.070	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Butyl benzyl phthalate	<0.19		0.19	0.073	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Carbazole	0.15	J	0.19	0.096	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Chrysene	0.038		0.038	0.010	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Dibenz(a,h)anthracene	<0.038	*3	0.038	0.0074	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Diethyl phthalate	<0.19		0.19	0.065	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Di-n-butyl phthalate	<0.19		0.19	0.059	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Di-n-octyl phthalate	<0.19		0.19	0.063	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Fluoranthene	0.082		0.038	0.0071	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Fluorene	0.031	J	0.038	0.0054	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Hexachlorobenzene	<0.078		0.078	0.0089	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Hexachlorobutadiene	<0.19		0.19	0.060	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Hexachlorocyclopentadiene	<0.78		0.78	0.22	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1
Hexachloroethane	<0.19		0.19	0.058	mg/Kg	☆	06/02/21 17:25	06/04/21 01:18	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199753-1

Client Sample ID: ROW-39(0-2)-052621D

Lab Sample ID: 500-199753-2

Date Collected: 05/26/21 13:30

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 85.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.016	J*3	0.038	0.010	mg/Kg	☼	06/02/21 17:25	06/04/21 01:18	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	06/02/21 17:25	06/04/21 01:18	1
Naphthalene	<0.038		0.038	0.0059	mg/Kg	☼	06/02/21 17:25	06/04/21 01:18	1
Nitrobenzene	<0.038		0.038	0.0096	mg/Kg	☼	06/02/21 17:25	06/04/21 01:18	1
N-Nitrosodi-n-propylamine	<0.078		0.078	0.047	mg/Kg	☼	06/02/21 17:25	06/04/21 01:18	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	☼	06/02/21 17:25	06/04/21 01:18	1
Pentachlorophenol	<0.78		0.78	0.62	mg/Kg	☼	06/02/21 17:25	06/04/21 01:18	1
Phenanthrene	0.051		0.038	0.0054	mg/Kg	☼	06/02/21 17:25	06/04/21 01:18	1
Phenol	0.12	J	0.19	0.085	mg/Kg	☼	06/02/21 17:25	06/04/21 01:18	1
Pyrene	0.072		0.038	0.0076	mg/Kg	☼	06/02/21 17:25	06/04/21 01:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	76		31 - 143				06/02/21 17:25	06/04/21 01:18	1
2-Fluorobiphenyl	72		43 - 145				06/02/21 17:25	06/04/21 01:18	1
2-Fluorophenol	107		31 - 166				06/02/21 17:25	06/04/21 01:18	1
Nitrobenzene-d5	70		37 - 147				06/02/21 17:25	06/04/21 01:18	1
Phenol-d5	92		30 - 153				06/02/21 17:25	06/04/21 01:18	1
Terphenyl-d14	145		42 - 157				06/02/21 17:25	06/04/21 01:18	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/02/21 18:20	06/03/21 10:32	1
Barium	0.66		0.50	0.050	mg/L		06/02/21 18:20	06/03/21 10:32	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/02/21 18:20	06/03/21 10:32	1
Cadmium	0.0022	J	0.0050	0.0020	mg/L		06/02/21 18:20	06/03/21 10:32	1
Chromium	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:32	1
Cobalt	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:32	1
Copper	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:32	1
Iron	<0.40	*+	0.40	0.20	mg/L		06/02/21 18:20	06/03/21 10:32	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/02/21 18:20	06/03/21 10:32	1
Manganese	2.1		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:32	1
Nickel	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:32	1
Selenium	<0.050		0.050	0.020	mg/L		06/02/21 18:20	06/03/21 10:32	1
Silver	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:32	1
Zinc	0.063	J	0.50	0.020	mg/L		06/02/21 18:20	06/03/21 10:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.050		0.050	0.010	mg/L		06/03/21 08:08	06/03/21 21:11	1
Barium	0.75		0.50	0.050	mg/L		06/03/21 08:08	06/03/21 21:11	1
Beryllium	0.0068		0.0040	0.0040	mg/L		06/03/21 08:08	06/03/21 21:11	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 08:08	06/03/21 21:11	1
Chromium	0.16		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:11	1
Cobalt	0.036		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:11	1
Copper	0.12		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:11	1
Iron	150		0.40	0.20	mg/L		06/03/21 08:08	06/03/21 21:11	1
Lead	0.20		0.0075	0.0075	mg/L		06/03/21 08:08	06/03/21 21:11	1
Manganese	0.64		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:11	1
Nickel	0.12		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:11	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 08:08	06/03/21 21:11	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199753-1

Client Sample ID: ROW-39(0-2)-052621D

Lab Sample ID: 500-199753-2

Date Collected: 05/26/21 13:30

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 85.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:11	1
Zinc	0.50		0.50	0.020	mg/L		06/03/21 08:08	06/03/21 21:11	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.65	J	1.1	0.21	mg/Kg	✧	06/02/21 08:22	06/02/21 18:55	1
Arsenic	5.5		0.55	0.19	mg/Kg	✧	06/02/21 08:22	06/02/21 18:55	1
Barium	80		0.55	0.062	mg/Kg	✧	06/02/21 08:22	06/02/21 18:55	1
Beryllium	0.64		0.22	0.051	mg/Kg	✧	06/02/21 08:22	06/02/21 18:55	1
Cadmium	0.30		0.11	0.020	mg/Kg	✧	06/02/21 08:22	06/02/21 18:55	1
Calcium	20000	B	11	1.9	mg/Kg	✧	06/02/21 08:22	06/02/21 18:55	1
Chromium	18		0.55	0.27	mg/Kg	✧	06/02/21 08:22	06/02/21 18:55	1
Cobalt	8.4		0.27	0.072	mg/Kg	✧	06/02/21 08:22	06/02/21 18:55	1
Copper	17		0.55	0.15	mg/Kg	✧	06/02/21 08:22	06/02/21 18:55	1
Iron	14000		11	5.7	mg/Kg	✧	06/02/21 08:22	06/02/21 18:55	1
Lead	42		0.27	0.13	mg/Kg	✧	06/02/21 08:22	06/02/21 18:55	1
Magnesium	12000		5.5	2.7	mg/Kg	✧	06/02/21 08:22	06/02/21 18:55	1
Manganese	400	B	0.55	0.079	mg/Kg	✧	06/02/21 08:22	06/02/21 18:55	1
Nickel	18		0.55	0.16	mg/Kg	✧	06/02/21 08:22	06/02/21 18:55	1
Potassium	1100		27	9.7	mg/Kg	✧	06/02/21 08:22	06/02/21 18:55	1
Selenium	<0.55		0.55	0.32	mg/Kg	✧	06/02/21 08:22	06/02/21 18:55	1
Silver	0.49		0.27	0.070	mg/Kg	✧	06/02/21 08:22	06/02/21 18:55	1
Sodium	2600	B	55	8.1	mg/Kg	✧	06/02/21 08:22	06/02/21 18:55	1
Thallium	0.59		0.55	0.27	mg/Kg	✧	06/02/21 08:22	06/02/21 18:55	1
Vanadium	25		0.27	0.064	mg/Kg	✧	06/02/21 08:22	06/02/21 18:55	1
Zinc	69		1.1	0.48	mg/Kg	✧	06/02/21 08:22	06/02/21 18:55	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/02/21 15:20	06/03/21 09:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/21 10:00	06/04/21 10:45	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.038		0.019	0.0062	mg/Kg	✧	06/02/21 12:50	06/03/21 07:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.3		0.2	0.2	SU			06/01/21 14:49	1

Client Sample Results

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

Job ID: 500-199753-1

Client Sample ID: ROW-41(0-2)-052621

Lab Sample ID: 500-199753-3

Date Collected: 05/26/21 13:50

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 87.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015		0.015	0.0067	mg/Kg	☼	05/27/21 17:55	05/28/21 17:31	1
Benzene	<0.0015		0.0015	0.00039	mg/Kg	☼	05/27/21 17:55	05/28/21 17:31	1
Bromodichloromethane	<0.0015		0.0015	0.00031	mg/Kg	☼	05/27/21 17:55	05/28/21 17:31	1
Bromoform	<0.0015		0.0015	0.00045	mg/Kg	☼	05/27/21 17:55	05/28/21 17:31	1
Bromomethane	<0.0038		0.0038	0.0015	mg/Kg	☼	05/27/21 17:55	05/28/21 17:31	1
Carbon disulfide	<0.0038		0.0038	0.00080	mg/Kg	☼	05/27/21 17:55	05/28/21 17:31	1
Carbon tetrachloride	<0.0015		0.0015	0.00045	mg/Kg	☼	05/27/21 17:55	05/28/21 17:31	1
Chlorobenzene	<0.0015		0.0015	0.00057	mg/Kg	☼	05/27/21 17:55	05/28/21 17:31	1
Chloroethane	<0.0038		0.0038	0.0011	mg/Kg	☼	05/27/21 17:55	05/28/21 17:31	1
Chloroform	<0.0015		0.0015	0.00053	mg/Kg	☼	05/27/21 17:55	05/28/21 17:31	1
Chloromethane	<0.0038		0.0038	0.0015	mg/Kg	☼	05/27/21 17:55	05/28/21 17:31	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00043	mg/Kg	☼	05/27/21 17:55	05/28/21 17:31	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00046	mg/Kg	☼	05/27/21 17:55	05/28/21 17:31	1
Dibromochloromethane	<0.0015		0.0015	0.00050	mg/Kg	☼	05/27/21 17:55	05/28/21 17:31	1
1,1-Dichloroethane	<0.0015		0.0015	0.00053	mg/Kg	☼	05/27/21 17:55	05/28/21 17:31	1
1,2-Dichloroethane	<0.0038		0.0038	0.0012	mg/Kg	☼	05/27/21 17:55	05/28/21 17:31	1
1,1-Dichloroethene	<0.0015		0.0015	0.00053	mg/Kg	☼	05/27/21 17:55	05/28/21 17:31	1
1,2-Dichloropropane	<0.0015		0.0015	0.00040	mg/Kg	☼	05/27/21 17:55	05/28/21 17:31	1
1,3-Dichloropropene, Total	<0.0015		0.0015	0.00054	mg/Kg	☼	05/27/21 17:55	05/28/21 17:31	1
Ethylbenzene	<0.0015		0.0015	0.00074	mg/Kg	☼	05/27/21 17:55	05/28/21 17:31	1
2-Hexanone	<0.0038		0.0038	0.0012	mg/Kg	☼	05/27/21 17:55	05/28/21 17:31	1
Methylene Chloride	<0.0038		0.0038	0.0015	mg/Kg	☼	05/27/21 17:55	05/28/21 17:31	1
Methyl Ethyl Ketone	<0.0038		0.0038	0.0017	mg/Kg	☼	05/27/21 17:55	05/28/21 17:31	1
methyl isobutyl ketone	<0.0038		0.0038	0.0011	mg/Kg	☼	05/27/21 17:55	05/28/21 17:31	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00045	mg/Kg	☼	05/27/21 17:55	05/28/21 17:31	1
Styrene	<0.0015		0.0015	0.00046	mg/Kg	☼	05/27/21 17:55	05/28/21 17:31	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00049	mg/Kg	☼	05/27/21 17:55	05/28/21 17:31	1
Tetrachloroethene	<0.0015		0.0015	0.00052	mg/Kg	☼	05/27/21 17:55	05/28/21 17:31	1
Toluene	<0.0015		0.0015	0.00039	mg/Kg	☼	05/27/21 17:55	05/28/21 17:31	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00068	mg/Kg	☼	05/27/21 17:55	05/28/21 17:31	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00054	mg/Kg	☼	05/27/21 17:55	05/28/21 17:31	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00052	mg/Kg	☼	05/27/21 17:55	05/28/21 17:31	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00066	mg/Kg	☼	05/27/21 17:55	05/28/21 17:31	1
Trichloroethene	<0.0015		0.0015	0.00052	mg/Kg	☼	05/27/21 17:55	05/28/21 17:31	1
Vinyl chloride	<0.0015		0.0015	0.00068	mg/Kg	☼	05/27/21 17:55	05/28/21 17:31	1
Xylenes, Total	<0.0031		0.0031	0.00049	mg/Kg	☼	05/27/21 17:55	05/28/21 17:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		75 - 131	05/27/21 17:55	05/28/21 17:31	1
Dibromofluoromethane	94		75 - 126	05/27/21 17:55	05/28/21 17:31	1
1,2-Dichloroethane-d4 (Surr)	90		70 - 134	05/27/21 17:55	05/28/21 17:31	1
Toluene-d8 (Surr)	98		75 - 124	05/27/21 17:55	05/28/21 17:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	☼	06/02/21 17:25	06/04/21 00:53	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	☼	06/02/21 17:25	06/04/21 00:53	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	06/02/21 17:25	06/04/21 00:53	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	☼	06/02/21 17:25	06/04/21 00:53	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	☼	06/02/21 17:25	06/04/21 00:53	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199753-1

Client Sample ID: ROW-41(0-2)-052621

Lab Sample ID: 500-199753-3

Date Collected: 05/26/21 13:50

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 87.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.086	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
2,4-Dichlorophenol	<0.37		0.37	0.090	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
2,4-Dinitrophenol	<0.76		0.76	0.66	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
2,4-Dinitrotoluene	<0.19		0.19	0.060	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
2,6-Dinitrotoluene	<0.19		0.19	0.074	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
2-Chlorophenol	<0.19		0.19	0.064	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
2-Methylnaphthalene	<0.076		0.076	0.0069	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
2-Methylphenol	<0.19		0.19	0.061	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
2-Nitrophenol	<0.37		0.37	0.089	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
3 & 4 Methylphenol	<0.19		0.19	0.063	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
3,3'-Dichlorobenzidine	<0.19	*	0.19	0.053	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.30	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
4-Chloroaniline	<0.76		0.76	0.18	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
4-Nitroaniline	<0.37	*	0.37	0.16	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
4-Nitrophenol	<0.76		0.76	0.36	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
Acenaphthene	<0.037		0.037	0.0068	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
Acenaphthylene	0.0051	J	0.037	0.0050	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
Anthracene	0.039		0.037	0.0063	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
Benzo[a]anthracene	0.054		0.037	0.0051	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
Benzo[a]pyrene	0.087	*3	0.037	0.0073	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
Benzo[b]fluoranthene	0.14	*3	0.037	0.0081	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
Benzo[g,h,i]perylene	0.052	*3	0.037	0.012	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
Benzo[k]fluoranthene	0.046	*3	0.037	0.011	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.057	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.069	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
Butyl benzyl phthalate	<0.19		0.19	0.072	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
Carbazole	0.15	J	0.19	0.094	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
Chrysene	0.065		0.037	0.010	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
Dibenz(a,h)anthracene	<0.037	*3	0.037	0.0073	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
Diethyl phthalate	<0.19		0.19	0.064	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
Di-n-octyl phthalate	<0.19		0.19	0.062	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
Fluoranthene	0.11		0.037	0.0070	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
Fluorene	0.033	J	0.037	0.0053	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
Hexachlorobenzene	<0.076		0.076	0.0087	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
Hexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
Hexachlorocyclopentadiene	<0.76		0.76	0.22	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1
Hexachloroethane	<0.19		0.19	0.057	mg/Kg	☆	06/02/21 17:25	06/04/21 00:53	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199753-1

Client Sample ID: ROW-41(0-2)-052621

Lab Sample ID: 500-199753-3

Date Collected: 05/26/21 13:50

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 87.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.028	J *3	0.037	0.0098	mg/Kg	☼	06/02/21 17:25	06/04/21 00:53	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	06/02/21 17:25	06/04/21 00:53	1
Naphthalene	0.0058	J	0.037	0.0058	mg/Kg	☼	06/02/21 17:25	06/04/21 00:53	1
Nitrobenzene	<0.037		0.037	0.0094	mg/Kg	☼	06/02/21 17:25	06/04/21 00:53	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.046	mg/Kg	☼	06/02/21 17:25	06/04/21 00:53	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	☼	06/02/21 17:25	06/04/21 00:53	1
Pentachlorophenol	<0.76		0.76	0.61	mg/Kg	☼	06/02/21 17:25	06/04/21 00:53	1
Phenanthrene	0.074		0.037	0.0053	mg/Kg	☼	06/02/21 17:25	06/04/21 00:53	1
Phenol	0.12	J	0.19	0.084	mg/Kg	☼	06/02/21 17:25	06/04/21 00:53	1
Pyrene	0.12		0.037	0.0075	mg/Kg	☼	06/02/21 17:25	06/04/21 00:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	78		31 - 143				06/02/21 17:25	06/04/21 00:53	1
2-Fluorobiphenyl	73		43 - 145				06/02/21 17:25	06/04/21 00:53	1
2-Fluorophenol	103		31 - 166				06/02/21 17:25	06/04/21 00:53	1
Nitrobenzene-d5	67		37 - 147				06/02/21 17:25	06/04/21 00:53	1
Phenol-d5	91		30 - 153				06/02/21 17:25	06/04/21 00:53	1
Terphenyl-d14	133		42 - 157				06/02/21 17:25	06/04/21 00:53	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/02/21 18:20	06/03/21 10:36	1
Barium	0.65		0.50	0.050	mg/L		06/02/21 18:20	06/03/21 10:36	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/02/21 18:20	06/03/21 10:36	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/02/21 18:20	06/03/21 10:36	1
Chromium	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:36	1
Cobalt	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:36	1
Copper	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:36	1
Iron	0.21	J B *+	0.40	0.20	mg/L		06/02/21 18:20	06/03/21 10:36	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/02/21 18:20	06/03/21 10:36	1
Manganese	2.1		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:36	1
Nickel	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:36	1
Selenium	<0.050		0.050	0.020	mg/L		06/02/21 18:20	06/03/21 10:36	1
Silver	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:36	1
Zinc	0.052	J	0.50	0.020	mg/L		06/02/21 18:20	06/03/21 10:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.054		0.050	0.010	mg/L		06/03/21 08:08	06/03/21 21:14	1
Barium	0.81		0.50	0.050	mg/L		06/03/21 08:08	06/03/21 21:14	1
Beryllium	0.0082		0.0040	0.0040	mg/L		06/03/21 08:08	06/03/21 21:14	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 08:08	06/03/21 21:14	1
Chromium	0.18		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:14	1
Cobalt	0.047		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:14	1
Copper	0.15		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:14	1
Iron	180		0.40	0.20	mg/L		06/03/21 08:08	06/03/21 21:14	1
Lead	0.11		0.0075	0.0075	mg/L		06/03/21 08:08	06/03/21 21:14	1
Manganese	0.79		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:14	1
Nickel	0.15		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:14	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 08:08	06/03/21 21:14	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199753-1

Client Sample ID: ROW-41(0-2)-052621

Lab Sample ID: 500-199753-3

Date Collected: 05/26/21 13:50

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 87.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:14	1
Zinc	0.55		0.50	0.020	mg/L		06/03/21 08:08	06/03/21 21:14	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.64	J	1.1	0.21	mg/Kg	☆	06/02/21 08:22	06/02/21 18:58	1
Arsenic	5.9		0.55	0.19	mg/Kg	☆	06/02/21 08:22	06/02/21 18:58	1
Barium	78		0.55	0.062	mg/Kg	☆	06/02/21 08:22	06/02/21 18:58	1
Beryllium	0.69		0.22	0.051	mg/Kg	☆	06/02/21 08:22	06/02/21 18:58	1
Cadmium	0.31		0.11	0.020	mg/Kg	☆	06/02/21 08:22	06/02/21 18:58	1
Calcium	32000	B	11	1.8	mg/Kg	☆	06/02/21 08:22	06/02/21 18:58	1
Chromium	19		0.55	0.27	mg/Kg	☆	06/02/21 08:22	06/02/21 18:58	1
Cobalt	11		0.27	0.071	mg/Kg	☆	06/02/21 08:22	06/02/21 18:58	1
Copper	17		0.55	0.15	mg/Kg	☆	06/02/21 08:22	06/02/21 18:58	1
Iron	16000		11	5.7	mg/Kg	☆	06/02/21 08:22	06/02/21 18:58	1
Lead	23		0.27	0.13	mg/Kg	☆	06/02/21 08:22	06/02/21 18:58	1
Magnesium	19000		5.5	2.7	mg/Kg	☆	06/02/21 08:22	06/02/21 18:58	1
Manganese	510	B	0.55	0.079	mg/Kg	☆	06/02/21 08:22	06/02/21 18:58	1
Nickel	22		0.55	0.16	mg/Kg	☆	06/02/21 08:22	06/02/21 18:58	1
Potassium	1400		27	9.7	mg/Kg	☆	06/02/21 08:22	06/02/21 18:58	1
Selenium	0.53	J	0.55	0.32	mg/Kg	☆	06/02/21 08:22	06/02/21 18:58	1
Silver	0.43		0.27	0.070	mg/Kg	☆	06/02/21 08:22	06/02/21 18:58	1
Sodium	2300	B	55	8.1	mg/Kg	☆	06/02/21 08:22	06/02/21 18:58	1
Thallium	0.78		0.55	0.27	mg/Kg	☆	06/02/21 08:22	06/02/21 18:58	1
Vanadium	28		0.27	0.064	mg/Kg	☆	06/02/21 08:22	06/02/21 18:58	1
Zinc	93		1.1	0.48	mg/Kg	☆	06/02/21 08:22	06/02/21 18:58	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/02/21 15:20	06/03/21 09:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/21 10:00	06/04/21 10:47	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.023		0.017	0.0056	mg/Kg	☆	06/02/21 12:50	06/03/21 07:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.5		0.2	0.2	SU			06/01/21 14:50	1

Client Sample Results

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

Job ID: 500-199753-1

Client Sample ID: ROW-43(0-2)-052621

Lab Sample ID: 500-199753-4

Date Collected: 05/26/21 14:05

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 86.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0069	mg/Kg	☼	05/27/21 17:55	05/28/21 17:57	1
Benzene	<0.0016		0.0016	0.00040	mg/Kg	☼	05/27/21 17:55	05/28/21 17:57	1
Bromodichloromethane	<0.0016		0.0016	0.00032	mg/Kg	☼	05/27/21 17:55	05/28/21 17:57	1
Bromoform	<0.0016		0.0016	0.00046	mg/Kg	☼	05/27/21 17:55	05/28/21 17:57	1
Bromomethane	<0.0040		0.0040	0.0015	mg/Kg	☼	05/27/21 17:55	05/28/21 17:57	1
Carbon disulfide	<0.0040		0.0040	0.00082	mg/Kg	☼	05/27/21 17:55	05/28/21 17:57	1
Carbon tetrachloride	<0.0016		0.0016	0.00046	mg/Kg	☼	05/27/21 17:55	05/28/21 17:57	1
Chlorobenzene	<0.0016		0.0016	0.00058	mg/Kg	☼	05/27/21 17:55	05/28/21 17:57	1
Chloroethane	<0.0040		0.0040	0.0012	mg/Kg	☼	05/27/21 17:55	05/28/21 17:57	1
Chloroform	<0.0016		0.0016	0.00055	mg/Kg	☼	05/27/21 17:55	05/28/21 17:57	1
Chloromethane	<0.0040		0.0040	0.0016	mg/Kg	☼	05/27/21 17:55	05/28/21 17:57	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00044	mg/Kg	☼	05/27/21 17:55	05/28/21 17:57	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00048	mg/Kg	☼	05/27/21 17:55	05/28/21 17:57	1
Dibromochloromethane	<0.0016		0.0016	0.00052	mg/Kg	☼	05/27/21 17:55	05/28/21 17:57	1
1,1-Dichloroethane	<0.0016		0.0016	0.00054	mg/Kg	☼	05/27/21 17:55	05/28/21 17:57	1
1,2-Dichloroethane	<0.0040		0.0040	0.0012	mg/Kg	☼	05/27/21 17:55	05/28/21 17:57	1
1,1-Dichloroethene	<0.0016		0.0016	0.00054	mg/Kg	☼	05/27/21 17:55	05/28/21 17:57	1
1,2-Dichloropropane	<0.0016		0.0016	0.00041	mg/Kg	☼	05/27/21 17:55	05/28/21 17:57	1
1,3-Dichloropropane, Total	<0.0016		0.0016	0.00056	mg/Kg	☼	05/27/21 17:55	05/28/21 17:57	1
Ethylbenzene	<0.0016		0.0016	0.00076	mg/Kg	☼	05/27/21 17:55	05/28/21 17:57	1
2-Hexanone	<0.0040		0.0040	0.0012	mg/Kg	☼	05/27/21 17:55	05/28/21 17:57	1
Methylene Chloride	<0.0040		0.0040	0.0016	mg/Kg	☼	05/27/21 17:55	05/28/21 17:57	1
Methyl Ethyl Ketone	<0.0040		0.0040	0.0018	mg/Kg	☼	05/27/21 17:55	05/28/21 17:57	1
methyl isobutyl ketone	<0.0040		0.0040	0.0012	mg/Kg	☼	05/27/21 17:55	05/28/21 17:57	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00046	mg/Kg	☼	05/27/21 17:55	05/28/21 17:57	1
Styrene	<0.0016		0.0016	0.00048	mg/Kg	☼	05/27/21 17:55	05/28/21 17:57	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00051	mg/Kg	☼	05/27/21 17:55	05/28/21 17:57	1
Tetrachloroethene	<0.0016		0.0016	0.00054	mg/Kg	☼	05/27/21 17:55	05/28/21 17:57	1
Toluene	<0.0016		0.0016	0.00040	mg/Kg	☼	05/27/21 17:55	05/28/21 17:57	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00070	mg/Kg	☼	05/27/21 17:55	05/28/21 17:57	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00056	mg/Kg	☼	05/27/21 17:55	05/28/21 17:57	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00053	mg/Kg	☼	05/27/21 17:55	05/28/21 17:57	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00068	mg/Kg	☼	05/27/21 17:55	05/28/21 17:57	1
Trichloroethene	<0.0016		0.0016	0.00054	mg/Kg	☼	05/27/21 17:55	05/28/21 17:57	1
Vinyl chloride	<0.0016		0.0016	0.00070	mg/Kg	☼	05/27/21 17:55	05/28/21 17:57	1
Xylenes, Total	<0.0032		0.0032	0.00051	mg/Kg	☼	05/27/21 17:55	05/28/21 17:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		75 - 131	05/27/21 17:55	05/28/21 17:57	1
Dibromofluoromethane	97		75 - 126	05/27/21 17:55	05/28/21 17:57	1
1,2-Dichloroethane-d4 (Surr)	95		70 - 134	05/27/21 17:55	05/28/21 17:57	1
Toluene-d8 (Surr)	93		75 - 124	05/27/21 17:55	05/28/21 17:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	☼	06/02/21 17:25	06/03/21 23:16	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	☼	06/02/21 17:25	06/03/21 23:16	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	☼	06/02/21 17:25	06/03/21 23:16	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	☼	06/02/21 17:25	06/03/21 23:16	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	☼	06/02/21 17:25	06/03/21 23:16	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199753-1

Client Sample ID: ROW-43(0-2)-052621

Lab Sample ID: 500-199753-4

Date Collected: 05/26/21 14:05

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 86.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.086	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
2,4-Dichlorophenol	<0.38		0.38	0.090	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
2,4-Dimethylphenol	<0.38		0.38	0.14	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
2,4-Dinitrophenol	<0.76	F1	0.76	0.67	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
2,4-Dinitrotoluene	<0.19		0.19	0.060	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
2,6-Dinitrotoluene	<0.19		0.19	0.074	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
2-Chlorophenol	<0.19		0.19	0.065	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
2-Methylnaphthalene	<0.076		0.076	0.0070	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
2-Methylphenol	<0.19		0.19	0.061	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
2-Nitrophenol	<0.38		0.38	0.090	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
3 & 4 Methylphenol	<0.19		0.19	0.063	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
3,3'-Dichlorobenzidine	<0.19	F2 F1 *-	0.19	0.053	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.30	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
4-Chloroaniline	<0.76		0.76	0.18	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
4-Nitroaniline	<0.38	*-	0.38	0.16	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
4-Nitrophenol	<0.76		0.76	0.36	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
Acenaphthene	0.014	J	0.038	0.0068	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
Acenaphthylene	<0.038		0.038	0.0050	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
Anthracene	0.057		0.038	0.0063	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
Benzo[a]anthracene	0.13		0.038	0.0051	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
Benzo[a]pyrene	0.15		0.038	0.0073	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
Benzo[b]fluoranthene	0.25		0.038	0.0082	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
Benzo[g,h,i]perylene	0.056	F1	0.038	0.012	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
Benzo[k]fluoranthene	0.087		0.038	0.011	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.057	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.069	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
Butyl benzyl phthalate	<0.19		0.19	0.072	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
Carbazole	0.16	J	0.19	0.095	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
Chrysene	0.13		0.038	0.010	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
Dibenz(a,h)anthracene	0.014	J F1	0.038	0.0073	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
Diethyl phthalate	<0.19		0.19	0.064	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
Di-n-butyl phthalate	<0.19		0.19	0.058	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
Di-n-octyl phthalate	<0.19		0.19	0.062	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
Fluoranthene	0.26		0.038	0.0070	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
Fluorene	0.042		0.038	0.0053	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
Hexachlorobenzene	<0.076		0.076	0.0088	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
Hexachlorobutadiene	<0.19		0.19	0.060	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
Hexachlorocyclopentadiene	<0.76	F1	0.76	0.22	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1
Hexachloroethane	<0.19	F1	0.19	0.058	mg/Kg	☆	06/02/21 17:25	06/03/21 23:16	1

Euofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199753-1

Client Sample ID: ROW-43(0-2)-052621

Lab Sample ID: 500-199753-4

Date Collected: 05/26/21 14:05

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 86.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.036	J F1	0.038	0.0098	mg/Kg	☼	06/02/21 17:25	06/03/21 23:16	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	06/02/21 17:25	06/03/21 23:16	1
Naphthalene	<0.038		0.038	0.0058	mg/Kg	☼	06/02/21 17:25	06/03/21 23:16	1
Nitrobenzene	<0.038		0.038	0.0095	mg/Kg	☼	06/02/21 17:25	06/03/21 23:16	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.046	mg/Kg	☼	06/02/21 17:25	06/03/21 23:16	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	☼	06/02/21 17:25	06/03/21 23:16	1
Pentachlorophenol	<0.76		0.76	0.61	mg/Kg	☼	06/02/21 17:25	06/03/21 23:16	1
Phenanthrene	0.15		0.038	0.0053	mg/Kg	☼	06/02/21 17:25	06/03/21 23:16	1
Phenol	<0.19		0.19	0.084	mg/Kg	☼	06/02/21 17:25	06/03/21 23:16	1
Pyrene	0.25		0.038	0.0075	mg/Kg	☼	06/02/21 17:25	06/03/21 23:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>2,4,6-Tribromophenol</i>	77		31 - 143				06/02/21 17:25	06/03/21 23:16	1
<i>2-Fluorobiphenyl</i>	71		43 - 145				06/02/21 17:25	06/03/21 23:16	1
<i>2-Fluorophenol</i>	103		31 - 166				06/02/21 17:25	06/03/21 23:16	1
<i>Nitrobenzene-d5</i>	66		37 - 147				06/02/21 17:25	06/03/21 23:16	1
<i>Phenol-d5</i>	90		30 - 153				06/02/21 17:25	06/03/21 23:16	1
<i>Terphenyl-d14</i>	106		42 - 157				06/02/21 17:25	06/03/21 23:16	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/02/21 18:20	06/03/21 10:40	1
Barium	0.77		0.50	0.050	mg/L		06/02/21 18:20	06/03/21 10:40	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/02/21 18:20	06/03/21 10:40	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/02/21 18:20	06/03/21 10:40	1
Chromium	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:40	1
Cobalt	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:40	1
Copper	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:40	1
Iron	<0.40	*+	0.40	0.20	mg/L		06/02/21 18:20	06/03/21 10:40	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/02/21 18:20	06/03/21 10:40	1
Manganese	1.9		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:40	1
Nickel	0.016	J	0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:40	1
Selenium	<0.050		0.050	0.020	mg/L		06/02/21 18:20	06/03/21 10:40	1
Silver	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:40	1
Zinc	<0.50		0.50	0.020	mg/L		06/02/21 18:20	06/03/21 10:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.084		0.050	0.010	mg/L		06/03/21 08:08	06/03/21 21:17	1
Barium	0.75		0.50	0.050	mg/L		06/03/21 08:08	06/03/21 21:17	1
Beryllium	0.0094		0.0040	0.0040	mg/L		06/03/21 08:08	06/03/21 21:17	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 08:08	06/03/21 21:17	1
Chromium	0.19		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:17	1
Cobalt	0.069		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:17	1
Copper	0.21		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:17	1
Iron	200		0.40	0.20	mg/L		06/03/21 08:08	06/03/21 21:17	1
Lead	0.13		0.0075	0.0075	mg/L		06/03/21 08:08	06/03/21 21:17	1
Manganese	0.98		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:17	1
Nickel	0.22		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:17	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 08:08	06/03/21 21:17	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199753-1

Client Sample ID: ROW-43(0-2)-052621

Lab Sample ID: 500-199753-4

Date Collected: 05/26/21 14:05

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 86.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:17	1
Zinc	0.58		0.50	0.020	mg/L		06/03/21 08:08	06/03/21 21:17	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.56	J	1.1	0.21	mg/Kg	✱	06/02/21 08:22	06/02/21 19:02	1
Arsenic	7.0		0.55	0.19	mg/Kg	✱	06/02/21 08:22	06/02/21 19:02	1
Barium	47		0.55	0.062	mg/Kg	✱	06/02/21 08:22	06/02/21 19:02	1
Beryllium	0.72		0.22	0.051	mg/Kg	✱	06/02/21 08:22	06/02/21 19:02	1
Cadmium	0.21		0.11	0.020	mg/Kg	✱	06/02/21 08:22	06/02/21 19:02	1
Calcium	66000	B	55	9.2	mg/Kg	✱	06/02/21 08:22	06/03/21 14:29	5
Chromium	15		0.55	0.27	mg/Kg	✱	06/02/21 08:22	06/02/21 19:02	1
Cobalt	12		0.27	0.071	mg/Kg	✱	06/02/21 08:22	06/02/21 19:02	1
Copper	21		0.55	0.15	mg/Kg	✱	06/02/21 08:22	06/02/21 19:02	1
Iron	17000		11	5.7	mg/Kg	✱	06/02/21 08:22	06/02/21 19:02	1
Lead	18		0.27	0.13	mg/Kg	✱	06/02/21 08:22	06/02/21 19:02	1
Magnesium	29000		5.5	2.7	mg/Kg	✱	06/02/21 08:22	06/02/21 19:02	1
Manganese	330	B	0.55	0.079	mg/Kg	✱	06/02/21 08:22	06/02/21 19:02	1
Nickel	26		0.55	0.16	mg/Kg	✱	06/02/21 08:22	06/02/21 19:02	1
Potassium	2000		27	9.6	mg/Kg	✱	06/02/21 08:22	06/02/21 19:02	1
Selenium	<0.55		0.55	0.32	mg/Kg	✱	06/02/21 08:22	06/02/21 19:02	1
Silver	0.39		0.27	0.070	mg/Kg	✱	06/02/21 08:22	06/02/21 19:02	1
Sodium	1600	B	55	8.1	mg/Kg	✱	06/02/21 08:22	06/02/21 19:02	1
Thallium	0.34	J	0.55	0.27	mg/Kg	✱	06/02/21 08:22	06/02/21 19:02	1
Vanadium	22		0.27	0.064	mg/Kg	✱	06/02/21 08:22	06/02/21 19:02	1
Zinc	63		1.1	0.48	mg/Kg	✱	06/02/21 08:22	06/02/21 19:02	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/02/21 15:20	06/03/21 09:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/21 10:00	06/04/21 10:50	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.022		0.017	0.0057	mg/Kg	✱	06/02/21 12:50	06/03/21 07:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.9		0.2	0.2	SU			06/01/21 14:52	1

Client Sample Results

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

Job ID: 500-199753-1

Client Sample ID: ROW-45(0-2)-052621

Lab Sample ID: 500-199753-5

Date Collected: 05/26/21 14:20

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 85.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018		0.018	0.0079	mg/Kg	✱	05/27/21 17:55	05/28/21 18:22	1
Benzene	<0.0018		0.0018	0.00047	mg/Kg	✱	05/27/21 17:55	05/28/21 18:22	1
Bromodichloromethane	<0.0018		0.0018	0.00037	mg/Kg	✱	05/27/21 17:55	05/28/21 18:22	1
Bromoform	<0.0018		0.0018	0.00053	mg/Kg	✱	05/27/21 17:55	05/28/21 18:22	1
Bromomethane	<0.0046		0.0046	0.0017	mg/Kg	✱	05/27/21 17:55	05/28/21 18:22	1
Carbon disulfide	<0.0046		0.0046	0.00095	mg/Kg	✱	05/27/21 17:55	05/28/21 18:22	1
Carbon tetrachloride	<0.0018		0.0018	0.00053	mg/Kg	✱	05/27/21 17:55	05/28/21 18:22	1
Chlorobenzene	<0.0018		0.0018	0.00067	mg/Kg	✱	05/27/21 17:55	05/28/21 18:22	1
Chloroethane	<0.0046		0.0046	0.0014	mg/Kg	✱	05/27/21 17:55	05/28/21 18:22	1
Chloroform	<0.0018		0.0018	0.00063	mg/Kg	✱	05/27/21 17:55	05/28/21 18:22	1
Chloromethane	<0.0046		0.0046	0.0018	mg/Kg	✱	05/27/21 17:55	05/28/21 18:22	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00051	mg/Kg	✱	05/27/21 17:55	05/28/21 18:22	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00055	mg/Kg	✱	05/27/21 17:55	05/28/21 18:22	1
Dibromochloromethane	<0.0018		0.0018	0.00060	mg/Kg	✱	05/27/21 17:55	05/28/21 18:22	1
1,1-Dichloroethane	<0.0018		0.0018	0.00063	mg/Kg	✱	05/27/21 17:55	05/28/21 18:22	1
1,2-Dichloroethane	<0.0046		0.0046	0.0014	mg/Kg	✱	05/27/21 17:55	05/28/21 18:22	1
1,1-Dichloroethene	<0.0018		0.0018	0.00063	mg/Kg	✱	05/27/21 17:55	05/28/21 18:22	1
1,2-Dichloropropane	<0.0018		0.0018	0.00047	mg/Kg	✱	05/27/21 17:55	05/28/21 18:22	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00064	mg/Kg	✱	05/27/21 17:55	05/28/21 18:22	1
Ethylbenzene	<0.0018		0.0018	0.00087	mg/Kg	✱	05/27/21 17:55	05/28/21 18:22	1
2-Hexanone	<0.0046		0.0046	0.0014	mg/Kg	✱	05/27/21 17:55	05/28/21 18:22	1
Methylene Chloride	<0.0046		0.0046	0.0018	mg/Kg	✱	05/27/21 17:55	05/28/21 18:22	1
Methyl Ethyl Ketone	<0.0046		0.0046	0.0020	mg/Kg	✱	05/27/21 17:55	05/28/21 18:22	1
methyl isobutyl ketone	<0.0046		0.0046	0.0014	mg/Kg	✱	05/27/21 17:55	05/28/21 18:22	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00054	mg/Kg	✱	05/27/21 17:55	05/28/21 18:22	1
Styrene	<0.0018		0.0018	0.00055	mg/Kg	✱	05/27/21 17:55	05/28/21 18:22	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00058	mg/Kg	✱	05/27/21 17:55	05/28/21 18:22	1
Tetrachloroethene	<0.0018		0.0018	0.00062	mg/Kg	✱	05/27/21 17:55	05/28/21 18:22	1
Toluene	<0.0018		0.0018	0.00046	mg/Kg	✱	05/27/21 17:55	05/28/21 18:22	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00081	mg/Kg	✱	05/27/21 17:55	05/28/21 18:22	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00064	mg/Kg	✱	05/27/21 17:55	05/28/21 18:22	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00061	mg/Kg	✱	05/27/21 17:55	05/28/21 18:22	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00078	mg/Kg	✱	05/27/21 17:55	05/28/21 18:22	1
Trichloroethene	<0.0018		0.0018	0.00062	mg/Kg	✱	05/27/21 17:55	05/28/21 18:22	1
Vinyl chloride	<0.0018		0.0018	0.00081	mg/Kg	✱	05/27/21 17:55	05/28/21 18:22	1
Xylenes, Total	<0.0037		0.0037	0.00058	mg/Kg	✱	05/27/21 17:55	05/28/21 18:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		75 - 131	05/27/21 17:55	05/28/21 18:22	1
Dibromofluoromethane	100		75 - 126	05/27/21 17:55	05/28/21 18:22	1
1,2-Dichloroethane-d4 (Surr)	91		70 - 134	05/27/21 17:55	05/28/21 18:22	1
Toluene-d8 (Surr)	97		75 - 124	05/27/21 17:55	05/28/21 18:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.042	mg/Kg	✱	06/02/21 17:25	06/03/21 23:40	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	✱	06/02/21 17:25	06/03/21 23:40	1
1,3-Dichlorobenzene	<0.19		0.19	0.044	mg/Kg	✱	06/02/21 17:25	06/03/21 23:40	1
1,4-Dichlorobenzene	<0.19		0.19	0.050	mg/Kg	✱	06/02/21 17:25	06/03/21 23:40	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.045	mg/Kg	✱	06/02/21 17:25	06/03/21 23:40	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199753-1

Client Sample ID: ROW-45(0-2)-052621

Lab Sample ID: 500-199753-5

Date Collected: 05/26/21 14:20

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 85.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.088	mg/Kg	✧	06/02/21 17:25	06/03/21 23:40	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	✧	06/02/21 17:25	06/03/21 23:40	1
2,4-Dichlorophenol	<0.38		0.38	0.092	mg/Kg	✧	06/02/21 17:25	06/03/21 23:40	1
2,4-Dimethylphenol	<0.38		0.38	0.15	mg/Kg	✧	06/02/21 17:25	06/03/21 23:40	1
2,4-Dinitrophenol	<0.78		0.78	0.68	mg/Kg	✧	06/02/21 17:25	06/03/21 23:40	1
2,4-Dinitrotoluene	<0.19		0.19	0.062	mg/Kg	✧	06/02/21 17:25	06/03/21 23:40	1
2,6-Dinitrotoluene	<0.19		0.19	0.076	mg/Kg	✧	06/02/21 17:25	06/03/21 23:40	1
2-Chloronaphthalene	<0.19		0.19	0.043	mg/Kg	✧	06/02/21 17:25	06/03/21 23:40	1
2-Chlorophenol	<0.19		0.19	0.066	mg/Kg	✧	06/02/21 17:25	06/03/21 23:40	1
2-Methylnaphthalene	<0.078		0.078	0.0071	mg/Kg	✧	06/02/21 17:25	06/03/21 23:40	1
2-Methylphenol	<0.19		0.19	0.062	mg/Kg	✧	06/02/21 17:25	06/03/21 23:40	1
2-Nitroaniline	<0.19		0.19	0.052	mg/Kg	✧	06/02/21 17:25	06/03/21 23:40	1
2-Nitrophenol	<0.38		0.38	0.092	mg/Kg	✧	06/02/21 17:25	06/03/21 23:40	1
3 & 4 Methylphenol	<0.19		0.19	0.065	mg/Kg	✧	06/02/21 17:25	06/03/21 23:40	1
3,3'-Dichlorobenzidine	<0.19	*	0.19	0.054	mg/Kg	✧	06/02/21 17:25	06/03/21 23:40	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	✧	06/02/21 17:25	06/03/21 23:40	1
4,6-Dinitro-2-methylphenol	<0.78		0.78	0.31	mg/Kg	✧	06/02/21 17:25	06/03/21 23:40	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.051	mg/Kg	✧	06/02/21 17:25	06/03/21 23:40	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	✧	06/02/21 17:25	06/03/21 23:40	1
4-Chloroaniline	<0.78		0.78	0.18	mg/Kg	✧	06/02/21 17:25	06/03/21 23:40	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	✧	06/02/21 17:25	06/03/21 23:40	1
4-Nitroaniline	<0.38	*	0.38	0.16	mg/Kg	✧	06/02/21 17:25	06/03/21 23:40	1
4-Nitrophenol	<0.78		0.78	0.37	mg/Kg	✧	06/02/21 17:25	06/03/21 23:40	1
Acenaphthene	<0.038		0.038	0.0070	mg/Kg	✧	06/02/21 17:25	06/03/21 23:40	1
Acenaphthylene	0.0069	J	0.038	0.0051	mg/Kg	✧	06/02/21 17:25	06/03/21 23:40	1
Anthracene	0.042		0.038	0.0065	mg/Kg	✧	06/02/21 17:25	06/03/21 23:40	1
Benzo[a]anthracene	0.088		0.038	0.0052	mg/Kg	✧	06/02/21 17:25	06/03/21 23:40	1
Benzo[a]pyrene	0.14	*3	0.038	0.0075	mg/Kg	✧	06/02/21 17:25	06/03/21 23:40	1
Benzo[b]fluoranthene	0.25	*3	0.038	0.0084	mg/Kg	✧	06/02/21 17:25	06/03/21 23:40	1
Benzo[g,h,i]perylene	0.064	*3	0.038	0.012	mg/Kg	✧	06/02/21 17:25	06/03/21 23:40	1
Benzo[k]fluoranthene	0.089	*3	0.038	0.011	mg/Kg	✧	06/02/21 17:25	06/03/21 23:40	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.040	mg/Kg	✧	06/02/21 17:25	06/03/21 23:40	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.058	mg/Kg	✧	06/02/21 17:25	06/03/21 23:40	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.071	mg/Kg	✧	06/02/21 17:25	06/03/21 23:40	1
Butyl benzyl phthalate	<0.19		0.19	0.074	mg/Kg	✧	06/02/21 17:25	06/03/21 23:40	1
Carbazole	0.15	J	0.19	0.097	mg/Kg	✧	06/02/21 17:25	06/03/21 23:40	1
Chrysene	0.099		0.038	0.011	mg/Kg	✧	06/02/21 17:25	06/03/21 23:40	1
Dibenz(a,h)anthracene	0.016	J *3	0.038	0.0075	mg/Kg	✧	06/02/21 17:25	06/03/21 23:40	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	✧	06/02/21 17:25	06/03/21 23:40	1
Diethyl phthalate	<0.19		0.19	0.066	mg/Kg	✧	06/02/21 17:25	06/03/21 23:40	1
Dimethyl phthalate	<0.19		0.19	0.051	mg/Kg	✧	06/02/21 17:25	06/03/21 23:40	1
Di-n-butyl phthalate	<0.19		0.19	0.059	mg/Kg	✧	06/02/21 17:25	06/03/21 23:40	1
Di-n-octyl phthalate	<0.19		0.19	0.063	mg/Kg	✧	06/02/21 17:25	06/03/21 23:40	1
Fluoranthene	0.17		0.038	0.0072	mg/Kg	✧	06/02/21 17:25	06/03/21 23:40	1
Fluorene	0.033	J	0.038	0.0054	mg/Kg	✧	06/02/21 17:25	06/03/21 23:40	1
Hexachlorobenzene	<0.078		0.078	0.0090	mg/Kg	✧	06/02/21 17:25	06/03/21 23:40	1
Hexachlorobutadiene	<0.19		0.19	0.061	mg/Kg	✧	06/02/21 17:25	06/03/21 23:40	1
Hexachlorocyclopentadiene	<0.78		0.78	0.22	mg/Kg	✧	06/02/21 17:25	06/03/21 23:40	1
Hexachloroethane	<0.19		0.19	0.059	mg/Kg	✧	06/02/21 17:25	06/03/21 23:40	1

Euofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199753-1

Client Sample ID: ROW-45(0-2)-052621

Lab Sample ID: 500-199753-5

Date Collected: 05/26/21 14:20

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 85.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.047	*3	0.038	0.010	mg/Kg	☼	06/02/21 17:25	06/03/21 23:40	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	06/02/21 17:25	06/03/21 23:40	1
Naphthalene	<0.038		0.038	0.0060	mg/Kg	☼	06/02/21 17:25	06/03/21 23:40	1
Nitrobenzene	<0.038		0.038	0.0097	mg/Kg	☼	06/02/21 17:25	06/03/21 23:40	1
N-Nitrosodi-n-propylamine	<0.078		0.078	0.047	mg/Kg	☼	06/02/21 17:25	06/03/21 23:40	1
N-Nitrosodiphenylamine	<0.19		0.19	0.046	mg/Kg	☼	06/02/21 17:25	06/03/21 23:40	1
Pentachlorophenol	<0.78		0.78	0.62	mg/Kg	☼	06/02/21 17:25	06/03/21 23:40	1
Phenanthrene	0.073		0.038	0.0054	mg/Kg	☼	06/02/21 17:25	06/03/21 23:40	1
Phenol	<0.19		0.19	0.086	mg/Kg	☼	06/02/21 17:25	06/03/21 23:40	1
Pyrene	0.16		0.038	0.0077	mg/Kg	☼	06/02/21 17:25	06/03/21 23:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	67		31 - 143				06/02/21 17:25	06/03/21 23:40	1
2-Fluorobiphenyl	70		43 - 145				06/02/21 17:25	06/03/21 23:40	1
2-Fluorophenol	94		31 - 166				06/02/21 17:25	06/03/21 23:40	1
Nitrobenzene-d5	67		37 - 147				06/02/21 17:25	06/03/21 23:40	1
Phenol-d5	76		30 - 153				06/02/21 17:25	06/03/21 23:40	1
Terphenyl-d14	102		42 - 157				06/02/21 17:25	06/03/21 23:40	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/02/21 18:20	06/03/21 10:43	1
Barium	0.79		0.50	0.050	mg/L		06/02/21 18:20	06/03/21 10:43	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/02/21 18:20	06/03/21 10:43	1
Cadmium	0.0023	J	0.0050	0.0020	mg/L		06/02/21 18:20	06/03/21 10:43	1
Chromium	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:43	1
Cobalt	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:43	1
Copper	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:43	1
Iron	0.24	J B *+	0.40	0.20	mg/L		06/02/21 18:20	06/03/21 10:43	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/02/21 18:20	06/03/21 10:43	1
Manganese	1.5		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:43	1
Nickel	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:43	1
Selenium	<0.050		0.050	0.020	mg/L		06/02/21 18:20	06/03/21 10:43	1
Silver	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:43	1
Zinc	0.12	J	0.50	0.020	mg/L		06/02/21 18:20	06/03/21 10:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.037	J	0.050	0.010	mg/L		06/03/21 08:08	06/03/21 21:20	1
Barium	0.87		0.50	0.050	mg/L		06/03/21 08:08	06/03/21 21:20	1
Beryllium	0.0062		0.0040	0.0040	mg/L		06/03/21 08:08	06/03/21 21:20	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 08:08	06/03/21 21:20	1
Chromium	0.15		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:20	1
Cobalt	0.032		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:20	1
Copper	0.16		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:20	1
Iron	140		0.40	0.20	mg/L		06/03/21 08:08	06/03/21 21:20	1
Lead	0.15		0.0075	0.0075	mg/L		06/03/21 08:08	06/03/21 21:20	1
Manganese	0.74		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:20	1
Nickel	0.11		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:20	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 08:08	06/03/21 21:20	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199753-1

Client Sample ID: ROW-45(0-2)-052621

Lab Sample ID: 500-199753-5

Date Collected: 05/26/21 14:20

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 85.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:20	1
Zinc	0.75		0.50	0.020	mg/L		06/03/21 08:08	06/03/21 21:20	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.55	J	1.2	0.23	mg/Kg	☆	06/02/21 08:22	06/02/21 19:05	1
Arsenic	4.5		0.58	0.20	mg/Kg	☆	06/02/21 08:22	06/02/21 19:05	1
Barium	95		0.58	0.066	mg/Kg	☆	06/02/21 08:22	06/02/21 19:05	1
Beryllium	0.65		0.23	0.054	mg/Kg	☆	06/02/21 08:22	06/02/21 19:05	1
Cadmium	0.36		0.12	0.021	mg/Kg	☆	06/02/21 08:22	06/02/21 19:05	1
Calcium	47000	B	58	9.8	mg/Kg	☆	06/02/21 08:22	06/03/21 14:33	5
Chromium	20		0.58	0.29	mg/Kg	☆	06/02/21 08:22	06/02/21 19:05	1
Cobalt	7.8		0.29	0.076	mg/Kg	☆	06/02/21 08:22	06/02/21 19:05	1
Copper	20		0.58	0.16	mg/Kg	☆	06/02/21 08:22	06/02/21 19:05	1
Iron	14000		12	6.0	mg/Kg	☆	06/02/21 08:22	06/02/21 19:05	1
Lead	35		0.29	0.13	mg/Kg	☆	06/02/21 08:22	06/02/21 19:05	1
Magnesium	22000		5.8	2.9	mg/Kg	☆	06/02/21 08:22	06/02/21 19:05	1
Manganese	400	B	0.58	0.084	mg/Kg	☆	06/02/21 08:22	06/02/21 19:05	1
Nickel	17		0.58	0.17	mg/Kg	☆	06/02/21 08:22	06/02/21 19:05	1
Potassium	1100		29	10	mg/Kg	☆	06/02/21 08:22	06/02/21 19:05	1
Selenium	0.36	J	0.58	0.34	mg/Kg	☆	06/02/21 08:22	06/02/21 19:05	1
Silver	0.42		0.29	0.075	mg/Kg	☆	06/02/21 08:22	06/02/21 19:05	1
Sodium	2000	B	58	8.6	mg/Kg	☆	06/02/21 08:22	06/02/21 19:05	1
Thallium	0.58		0.58	0.29	mg/Kg	☆	06/02/21 08:22	06/02/21 19:05	1
Vanadium	27		0.29	0.068	mg/Kg	☆	06/02/21 08:22	06/02/21 19:05	1
Zinc	140		1.2	0.51	mg/Kg	☆	06/02/21 08:22	06/02/21 19:05	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/02/21 15:20	06/03/21 09:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/21 10:00	06/04/21 10:52	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.025		0.018	0.0061	mg/Kg	☆	06/02/21 12:50	06/03/21 07:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.5		0.2	0.2	SU			06/01/21 14:54	1

Client Sample Results

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

Job ID: 500-199753-1

Client Sample ID: ROW-47(0-2)-052621

Lab Sample ID: 500-199753-6

Date Collected: 05/26/21 14:35

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 84.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.020		0.020	0.0087	mg/Kg	✱	05/27/21 17:55	05/28/21 18:48	1
Benzene	<0.0020		0.0020	0.00051	mg/Kg	✱	05/27/21 17:55	05/28/21 18:48	1
Bromodichloromethane	<0.0020		0.0020	0.00041	mg/Kg	✱	05/27/21 17:55	05/28/21 18:48	1
Bromoform	<0.0020		0.0020	0.00058	mg/Kg	✱	05/27/21 17:55	05/28/21 18:48	1
Bromomethane	<0.0050		0.0050	0.0019	mg/Kg	✱	05/27/21 17:55	05/28/21 18:48	1
Carbon disulfide	<0.0050		0.0050	0.0010	mg/Kg	✱	05/27/21 17:55	05/28/21 18:48	1
Carbon tetrachloride	<0.0020		0.0020	0.00058	mg/Kg	✱	05/27/21 17:55	05/28/21 18:48	1
Chlorobenzene	<0.0020		0.0020	0.00074	mg/Kg	✱	05/27/21 17:55	05/28/21 18:48	1
Chloroethane	<0.0050		0.0050	0.0015	mg/Kg	✱	05/27/21 17:55	05/28/21 18:48	1
Chloroform	<0.0020		0.0020	0.00069	mg/Kg	✱	05/27/21 17:55	05/28/21 18:48	1
Chloromethane	<0.0050		0.0050	0.0020	mg/Kg	✱	05/27/21 17:55	05/28/21 18:48	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00056	mg/Kg	✱	05/27/21 17:55	05/28/21 18:48	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00060	mg/Kg	✱	05/27/21 17:55	05/28/21 18:48	1
Dibromochloromethane	<0.0020		0.0020	0.00065	mg/Kg	✱	05/27/21 17:55	05/28/21 18:48	1
1,1-Dichloroethane	<0.0020		0.0020	0.00068	mg/Kg	✱	05/27/21 17:55	05/28/21 18:48	1
1,2-Dichloroethane	<0.0050		0.0050	0.0016	mg/Kg	✱	05/27/21 17:55	05/28/21 18:48	1
1,1-Dichloroethene	<0.0020		0.0020	0.00069	mg/Kg	✱	05/27/21 17:55	05/28/21 18:48	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg	✱	05/27/21 17:55	05/28/21 18:48	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00070	mg/Kg	✱	05/27/21 17:55	05/28/21 18:48	1
Ethylbenzene	<0.0020		0.0020	0.00095	mg/Kg	✱	05/27/21 17:55	05/28/21 18:48	1
2-Hexanone	<0.0050		0.0050	0.0016	mg/Kg	✱	05/27/21 17:55	05/28/21 18:48	1
Methylene Chloride	<0.0050		0.0050	0.0020	mg/Kg	✱	05/27/21 17:55	05/28/21 18:48	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0022	mg/Kg	✱	05/27/21 17:55	05/28/21 18:48	1
methyl isobutyl ketone	<0.0050		0.0050	0.0015	mg/Kg	✱	05/27/21 17:55	05/28/21 18:48	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00058	mg/Kg	✱	05/27/21 17:55	05/28/21 18:48	1
Styrene	<0.0020		0.0020	0.00060	mg/Kg	✱	05/27/21 17:55	05/28/21 18:48	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00064	mg/Kg	✱	05/27/21 17:55	05/28/21 18:48	1
Tetrachloroethene	<0.0020		0.0020	0.00068	mg/Kg	✱	05/27/21 17:55	05/28/21 18:48	1
Toluene	<0.0020		0.0020	0.00050	mg/Kg	✱	05/27/21 17:55	05/28/21 18:48	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00088	mg/Kg	✱	05/27/21 17:55	05/28/21 18:48	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00070	mg/Kg	✱	05/27/21 17:55	05/28/21 18:48	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00067	mg/Kg	✱	05/27/21 17:55	05/28/21 18:48	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00085	mg/Kg	✱	05/27/21 17:55	05/28/21 18:48	1
Trichloroethene	<0.0020		0.0020	0.00067	mg/Kg	✱	05/27/21 17:55	05/28/21 18:48	1
Vinyl chloride	<0.0020		0.0020	0.00088	mg/Kg	✱	05/27/21 17:55	05/28/21 18:48	1
Xylenes, Total	<0.0040		0.0040	0.00064	mg/Kg	✱	05/27/21 17:55	05/28/21 18:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		75 - 131	05/27/21 17:55	05/28/21 18:48	1
Dibromofluoromethane	97		75 - 126	05/27/21 17:55	05/28/21 18:48	1
1,2-Dichloroethane-d4 (Surr)	90		70 - 134	05/27/21 17:55	05/28/21 18:48	1
Toluene-d8 (Surr)	95		75 - 124	05/27/21 17:55	05/28/21 18:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.042	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
1,4-Dichlorobenzene	<0.20		0.20	0.050	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.045	mg/Kg	✱	06/02/21 17:25	06/04/21 04:09	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199753-1

Client Sample ID: ROW-47(0-2)-052621

Lab Sample ID: 500-199753-6

Date Collected: 05/26/21 14:35

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 84.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.089	mg/Kg	☆	06/02/21 17:25	06/04/21 04:09	1
2,4,6-Trichlorophenol	<0.39		0.39	0.13	mg/Kg	☆	06/02/21 17:25	06/04/21 04:09	1
2,4-Dichlorophenol	<0.39		0.39	0.093	mg/Kg	☆	06/02/21 17:25	06/04/21 04:09	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	☆	06/02/21 17:25	06/04/21 04:09	1
2,4-Dinitrophenol	<0.79		0.79	0.69	mg/Kg	☆	06/02/21 17:25	06/04/21 04:09	1
2,4-Dinitrotoluene	<0.20		0.20	0.062	mg/Kg	☆	06/02/21 17:25	06/04/21 04:09	1
2,6-Dinitrotoluene	<0.20		0.20	0.077	mg/Kg	☆	06/02/21 17:25	06/04/21 04:09	1
2-Chloronaphthalene	<0.20		0.20	0.043	mg/Kg	☆	06/02/21 17:25	06/04/21 04:09	1
2-Chlorophenol	<0.20		0.20	0.067	mg/Kg	☆	06/02/21 17:25	06/04/21 04:09	1
2-Methylnaphthalene	0.011	J	0.079	0.0072	mg/Kg	☆	06/02/21 17:25	06/04/21 04:09	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	☆	06/02/21 17:25	06/04/21 04:09	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	☆	06/02/21 17:25	06/04/21 04:09	1
2-Nitrophenol	<0.39		0.39	0.092	mg/Kg	☆	06/02/21 17:25	06/04/21 04:09	1
3 & 4 Methylphenol	<0.20		0.20	0.065	mg/Kg	☆	06/02/21 17:25	06/04/21 04:09	1
3,3'-Dichlorobenzidine	<0.20	*- *3	0.20	0.055	mg/Kg	☆	06/02/21 17:25	06/04/21 04:09	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☆	06/02/21 17:25	06/04/21 04:09	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.31	mg/Kg	☆	06/02/21 17:25	06/04/21 04:09	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☆	06/02/21 17:25	06/04/21 04:09	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	☆	06/02/21 17:25	06/04/21 04:09	1
4-Chloroaniline	<0.79		0.79	0.18	mg/Kg	☆	06/02/21 17:25	06/04/21 04:09	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	☆	06/02/21 17:25	06/04/21 04:09	1
4-Nitroaniline	<0.39	*-	0.39	0.16	mg/Kg	☆	06/02/21 17:25	06/04/21 04:09	1
4-Nitrophenol	<0.79		0.79	0.37	mg/Kg	☆	06/02/21 17:25	06/04/21 04:09	1
Acenaphthene	0.0077	J	0.039	0.0070	mg/Kg	☆	06/02/21 17:25	06/04/21 04:09	1
Acenaphthylene	0.0070	J	0.039	0.0052	mg/Kg	☆	06/02/21 17:25	06/04/21 04:09	1
Anthracene	0.053		0.039	0.0065	mg/Kg	☆	06/02/21 17:25	06/04/21 04:09	1
Benzo[a]anthracene	0.17	*3	0.039	0.0053	mg/Kg	☆	06/02/21 17:25	06/04/21 04:09	1
Benzo[a]pyrene	0.23	*3	0.039	0.0076	mg/Kg	☆	06/02/21 17:25	06/04/21 04:09	1
Benzo[b]fluoranthene	0.36	*3	0.039	0.0084	mg/Kg	☆	06/02/21 17:25	06/04/21 04:09	1
Benzo[g,h,i]perylene	0.10	*3	0.039	0.013	mg/Kg	☆	06/02/21 17:25	06/04/21 04:09	1
Benzo[k]fluoranthene	0.14	*3	0.039	0.012	mg/Kg	☆	06/02/21 17:25	06/04/21 04:09	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	☆	06/02/21 17:25	06/04/21 04:09	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	☆	06/02/21 17:25	06/04/21 04:09	1
Bis(2-ethylhexyl) phthalate	0.078	J *3	0.20	0.071	mg/Kg	☆	06/02/21 17:25	06/04/21 04:09	1
Butyl benzyl phthalate	0.081	J *3	0.20	0.074	mg/Kg	☆	06/02/21 17:25	06/04/21 04:09	1
Carbazole	0.16	J	0.20	0.098	mg/Kg	☆	06/02/21 17:25	06/04/21 04:09	1
Chrysene	0.20	*3	0.039	0.011	mg/Kg	☆	06/02/21 17:25	06/04/21 04:09	1
Dibenz(a,h)anthracene	0.031	J *3	0.039	0.0076	mg/Kg	☆	06/02/21 17:25	06/04/21 04:09	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	☆	06/02/21 17:25	06/04/21 04:09	1
Diethyl phthalate	<0.20		0.20	0.066	mg/Kg	☆	06/02/21 17:25	06/04/21 04:09	1
Dimethyl phthalate	<0.20		0.20	0.051	mg/Kg	☆	06/02/21 17:25	06/04/21 04:09	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	☆	06/02/21 17:25	06/04/21 04:09	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	☆	06/02/21 17:25	06/04/21 04:09	1
Fluoranthene	0.29		0.039	0.0072	mg/Kg	☆	06/02/21 17:25	06/04/21 04:09	1
Fluorene	0.037	J	0.039	0.0055	mg/Kg	☆	06/02/21 17:25	06/04/21 04:09	1
Hexachlorobenzene	<0.079		0.079	0.0091	mg/Kg	☆	06/02/21 17:25	06/04/21 04:09	1
Hexachlorobutadiene	<0.20		0.20	0.061	mg/Kg	☆	06/02/21 17:25	06/04/21 04:09	1
Hexachlorocyclopentadiene	<0.79		0.79	0.22	mg/Kg	☆	06/02/21 17:25	06/04/21 04:09	1
Hexachloroethane	<0.20		0.20	0.059	mg/Kg	☆	06/02/21 17:25	06/04/21 04:09	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199753-1

Client Sample ID: ROW-47(0-2)-052621

Lab Sample ID: 500-199753-6

Date Collected: 05/26/21 14:35

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 84.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.086	*3	0.039	0.010	mg/Kg	☼	06/02/21 17:25	06/04/21 04:09	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	06/02/21 17:25	06/04/21 04:09	1
Naphthalene	0.0073	J	0.039	0.0060	mg/Kg	☼	06/02/21 17:25	06/04/21 04:09	1
Nitrobenzene	<0.039		0.039	0.0098	mg/Kg	☼	06/02/21 17:25	06/04/21 04:09	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.048	mg/Kg	☼	06/02/21 17:25	06/04/21 04:09	1
N-Nitrosodiphenylamine	<0.20		0.20	0.046	mg/Kg	☼	06/02/21 17:25	06/04/21 04:09	1
Pentachlorophenol	<0.79		0.79	0.63	mg/Kg	☼	06/02/21 17:25	06/04/21 04:09	1
Phenanthrene	0.17		0.039	0.0054	mg/Kg	☼	06/02/21 17:25	06/04/21 04:09	1
Phenol	<0.20		0.20	0.087	mg/Kg	☼	06/02/21 17:25	06/04/21 04:09	1
Pyrene	0.63	*3	0.039	0.0078	mg/Kg	☼	06/02/21 17:25	06/04/21 04:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	78		31 - 143				06/02/21 17:25	06/04/21 04:09	1
2-Fluorobiphenyl	78		43 - 145				06/02/21 17:25	06/04/21 04:09	1
2-Fluorophenol	109		31 - 166				06/02/21 17:25	06/04/21 04:09	1
Nitrobenzene-d5	70		37 - 147				06/02/21 17:25	06/04/21 04:09	1
Phenol-d5	95		30 - 153				06/02/21 17:25	06/04/21 04:09	1
Terphenyl-d14	217	S1+ *3	42 - 157				06/02/21 17:25	06/04/21 04:09	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/02/21 18:20	06/03/21 10:47	1
Barium	0.73		0.50	0.050	mg/L		06/02/21 18:20	06/03/21 10:47	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/02/21 18:20	06/03/21 10:47	1
Cadmium	0.0032	J	0.0050	0.0020	mg/L		06/02/21 18:20	06/03/21 10:47	1
Chromium	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:47	1
Cobalt	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:47	1
Copper	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:47	1
Iron	0.21	J B *+	0.40	0.20	mg/L		06/02/21 18:20	06/03/21 10:47	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/02/21 18:20	06/03/21 10:47	1
Manganese	2.1		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:47	1
Nickel	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:47	1
Selenium	<0.050		0.050	0.020	mg/L		06/02/21 18:20	06/03/21 10:47	1
Silver	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:47	1
Zinc	0.18	J	0.50	0.020	mg/L		06/02/21 18:20	06/03/21 10:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.043	J	0.050	0.010	mg/L		06/03/21 08:08	06/03/21 21:24	1
Barium	1.2		0.50	0.050	mg/L		06/03/21 08:08	06/03/21 21:24	1
Beryllium	0.0082		0.0040	0.0040	mg/L		06/03/21 08:08	06/03/21 21:24	1
Cadmium	0.0022	J	0.0050	0.0020	mg/L		06/03/21 08:08	06/03/21 21:24	1
Chromium	0.20		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:24	1
Cobalt	0.037		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:24	1
Copper	0.16		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:24	1
Iron	180		0.40	0.20	mg/L		06/03/21 08:08	06/03/21 21:24	1
Lead	0.20		0.0075	0.0075	mg/L		06/03/21 08:08	06/03/21 21:24	1
Manganese	0.89		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:24	1
Nickel	0.14		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:24	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 08:08	06/03/21 21:24	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199753-1

Client Sample ID: ROW-47(0-2)-052621

Lab Sample ID: 500-199753-6

Date Collected: 05/26/21 14:35

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 84.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:24	1
Zinc	0.94		0.50	0.020	mg/L		06/03/21 08:08	06/03/21 21:24	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.0	J	1.2	0.23	mg/Kg	☆	06/02/21 08:22	06/02/21 19:08	1
Arsenic	4.3		0.59	0.20	mg/Kg	☆	06/02/21 08:22	06/02/21 19:08	1
Barium	120		0.59	0.067	mg/Kg	☆	06/02/21 08:22	06/02/21 19:08	1
Beryllium	0.67		0.24	0.055	mg/Kg	☆	06/02/21 08:22	06/02/21 19:08	1
Cadmium	0.43		0.12	0.021	mg/Kg	☆	06/02/21 08:22	06/02/21 19:08	1
Calcium	32000	B	12	2.0	mg/Kg	☆	06/02/21 08:22	06/02/21 19:08	1
Chromium	33		0.59	0.29	mg/Kg	☆	06/02/21 08:22	06/02/21 19:08	1
Cobalt	6.7		0.29	0.077	mg/Kg	☆	06/02/21 08:22	06/02/21 19:08	1
Copper	20		0.59	0.16	mg/Kg	☆	06/02/21 08:22	06/02/21 19:08	1
Iron	16000		12	6.1	mg/Kg	☆	06/02/21 08:22	06/02/21 19:08	1
Lead	43		0.29	0.14	mg/Kg	☆	06/02/21 08:22	06/02/21 19:08	1
Magnesium	19000		5.9	2.9	mg/Kg	☆	06/02/21 08:22	06/02/21 19:08	1
Manganese	570	B	0.59	0.085	mg/Kg	☆	06/02/21 08:22	06/02/21 19:08	1
Nickel	16		0.59	0.17	mg/Kg	☆	06/02/21 08:22	06/02/21 19:08	1
Potassium	1200		29	10	mg/Kg	☆	06/02/21 08:22	06/02/21 19:08	1
Selenium	<0.59		0.59	0.35	mg/Kg	☆	06/02/21 08:22	06/02/21 19:08	1
Silver	0.43		0.29	0.076	mg/Kg	☆	06/02/21 08:22	06/02/21 19:08	1
Sodium	2100	B	59	8.7	mg/Kg	☆	06/02/21 08:22	06/02/21 19:08	1
Thallium	0.91		0.59	0.29	mg/Kg	☆	06/02/21 08:22	06/02/21 19:08	1
Vanadium	35		0.29	0.069	mg/Kg	☆	06/02/21 08:22	06/02/21 19:08	1
Zinc	150		1.2	0.52	mg/Kg	☆	06/02/21 08:22	06/02/21 19:08	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/02/21 15:20	06/03/21 09:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00021		0.00020	0.00020	mg/L		06/03/21 10:00	06/04/21 10:54	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.025		0.017	0.0057	mg/Kg	☆	06/02/21 12:50	06/03/21 07:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.0		0.2	0.2	SU			06/01/21 14:55	1

Client Sample Results

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

Job ID: 500-199753-1

Client Sample ID: ROW-49(0-2)-052621

Lab Sample ID: 500-199753-7

Date Collected: 05/26/21 14:45

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 83.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.020		0.020	0.0086	mg/Kg	✱	05/27/21 17:55	05/28/21 19:13	1
Benzene	<0.0020		0.0020	0.00050	mg/Kg	✱	05/27/21 17:55	05/28/21 19:13	1
Bromodichloromethane	<0.0020		0.0020	0.00040	mg/Kg	✱	05/27/21 17:55	05/28/21 19:13	1
Bromoform	<0.0020		0.0020	0.00057	mg/Kg	✱	05/27/21 17:55	05/28/21 19:13	1
Bromomethane	<0.0049		0.0049	0.0019	mg/Kg	✱	05/27/21 17:55	05/28/21 19:13	1
Carbon disulfide	<0.0049		0.0049	0.0010	mg/Kg	✱	05/27/21 17:55	05/28/21 19:13	1
Carbon tetrachloride	<0.0020		0.0020	0.00057	mg/Kg	✱	05/27/21 17:55	05/28/21 19:13	1
Chlorobenzene	<0.0020		0.0020	0.00073	mg/Kg	✱	05/27/21 17:55	05/28/21 19:13	1
Chloroethane	<0.0049		0.0049	0.0015	mg/Kg	✱	05/27/21 17:55	05/28/21 19:13	1
Chloroform	<0.0020		0.0020	0.00068	mg/Kg	✱	05/27/21 17:55	05/28/21 19:13	1
Chloromethane	<0.0049		0.0049	0.0020	mg/Kg	✱	05/27/21 17:55	05/28/21 19:13	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00055	mg/Kg	✱	05/27/21 17:55	05/28/21 19:13	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00059	mg/Kg	✱	05/27/21 17:55	05/28/21 19:13	1
Dibromochloromethane	<0.0020		0.0020	0.00064	mg/Kg	✱	05/27/21 17:55	05/28/21 19:13	1
1,1-Dichloroethane	<0.0020		0.0020	0.00067	mg/Kg	✱	05/27/21 17:55	05/28/21 19:13	1
1,2-Dichloroethane	<0.0049		0.0049	0.0015	mg/Kg	✱	05/27/21 17:55	05/28/21 19:13	1
1,1-Dichloroethene	<0.0020		0.0020	0.00068	mg/Kg	✱	05/27/21 17:55	05/28/21 19:13	1
1,2-Dichloropropane	<0.0020		0.0020	0.00051	mg/Kg	✱	05/27/21 17:55	05/28/21 19:13	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00069	mg/Kg	✱	05/27/21 17:55	05/28/21 19:13	1
Ethylbenzene	<0.0020		0.0020	0.00094	mg/Kg	✱	05/27/21 17:55	05/28/21 19:13	1
2-Hexanone	<0.0049		0.0049	0.0015	mg/Kg	✱	05/27/21 17:55	05/28/21 19:13	1
Methylene Chloride	<0.0049		0.0049	0.0019	mg/Kg	✱	05/27/21 17:55	05/28/21 19:13	1
Methyl Ethyl Ketone	<0.0049		0.0049	0.0022	mg/Kg	✱	05/27/21 17:55	05/28/21 19:13	1
methyl isobutyl ketone	<0.0049		0.0049	0.0015	mg/Kg	✱	05/27/21 17:55	05/28/21 19:13	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00058	mg/Kg	✱	05/27/21 17:55	05/28/21 19:13	1
Styrene	<0.0020		0.0020	0.00059	mg/Kg	✱	05/27/21 17:55	05/28/21 19:13	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00063	mg/Kg	✱	05/27/21 17:55	05/28/21 19:13	1
Tetrachloroethene	<0.0020		0.0020	0.00067	mg/Kg	✱	05/27/21 17:55	05/28/21 19:13	1
Toluene	<0.0020		0.0020	0.00050	mg/Kg	✱	05/27/21 17:55	05/28/21 19:13	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00087	mg/Kg	✱	05/27/21 17:55	05/28/21 19:13	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00069	mg/Kg	✱	05/27/21 17:55	05/28/21 19:13	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00066	mg/Kg	✱	05/27/21 17:55	05/28/21 19:13	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00084	mg/Kg	✱	05/27/21 17:55	05/28/21 19:13	1
Trichloroethene	<0.0020		0.0020	0.00066	mg/Kg	✱	05/27/21 17:55	05/28/21 19:13	1
Vinyl chloride	<0.0020		0.0020	0.00087	mg/Kg	✱	05/27/21 17:55	05/28/21 19:13	1
Xylenes, Total	<0.0039		0.0039	0.00063	mg/Kg	✱	05/27/21 17:55	05/28/21 19:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		75 - 131	05/27/21 17:55	05/28/21 19:13	1
Dibromofluoromethane	95		75 - 126	05/27/21 17:55	05/28/21 19:13	1
1,2-Dichloroethane-d4 (Surr)	92		70 - 134	05/27/21 17:55	05/28/21 19:13	1
Toluene-d8 (Surr)	95		75 - 124	05/27/21 17:55	05/28/21 19:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.043	mg/Kg	✱	06/02/21 17:25	06/04/21 02:31	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	✱	06/02/21 17:25	06/04/21 02:31	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	✱	06/02/21 17:25	06/04/21 02:31	1
1,4-Dichlorobenzene	<0.20		0.20	0.051	mg/Kg	✱	06/02/21 17:25	06/04/21 02:31	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	✱	06/02/21 17:25	06/04/21 02:31	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199753-1

Client Sample ID: ROW-49(0-2)-052621

Lab Sample ID: 500-199753-7

Date Collected: 05/26/21 14:45

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 83.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.090	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
2,4,6-Trichlorophenol	<0.39		0.39	0.14	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
2,4-Dichlorophenol	<0.39		0.39	0.094	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
2,4-Dinitrophenol	<0.80		0.80	0.70	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
2,4-Dinitrotoluene	<0.20		0.20	0.063	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
2,6-Dinitrotoluene	<0.20		0.20	0.078	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
2-Chlorophenol	<0.20		0.20	0.067	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
2-Methylnaphthalene	<0.080		0.080	0.0073	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
2-Nitrophenol	<0.39		0.39	0.093	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
3 & 4 Methylphenol	<0.20		0.20	0.066	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
3,3'-Dichlorobenzidine	<0.20	*	0.20	0.055	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
4,6-Dinitro-2-methylphenol	<0.80		0.80	0.32	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
4-Chloroaniline	<0.80		0.80	0.19	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
4-Nitroaniline	<0.39	*	0.39	0.17	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
4-Nitrophenol	<0.80		0.80	0.38	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
Acenaphthene	0.0071	J	0.039	0.0071	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
Acenaphthylene	0.034	J	0.039	0.0052	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
Anthracene	0.059		0.039	0.0066	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
Benzo[a]anthracene	0.15		0.039	0.0053	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
Benzo[a]pyrene	0.23	*3	0.039	0.0077	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
Benzo[b]fluoranthene	0.40	*3	0.039	0.0085	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
Benzo[g,h,i]perylene	0.096	*3	0.039	0.013	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
Benzo[k]fluoranthene	0.16	*3	0.039	0.012	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
Butyl benzyl phthalate	<0.20		0.20	0.075	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
Carbazole	0.16	J	0.20	0.099	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
Chrysene	0.19		0.039	0.011	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
Dibenz(a,h)anthracene	0.026	J *3	0.039	0.0076	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
Diethyl phthalate	<0.20		0.20	0.067	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
Dimethyl phthalate	<0.20		0.20	0.052	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
Fluoranthene	0.28		0.039	0.0073	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
Fluorene	0.037	J	0.039	0.0056	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
Hexachlorobenzene	<0.080		0.080	0.0092	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
Hexachlorocyclopentadiene	<0.80		0.80	0.23	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1
Hexachloroethane	<0.20		0.20	0.060	mg/Kg	✳	06/02/21 17:25	06/04/21 02:31	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199753-1

Client Sample ID: ROW-49(0-2)-052621

Lab Sample ID: 500-199753-7

Date Collected: 05/26/21 14:45

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 83.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.080	*3	0.039	0.010	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
Naphthalene	<0.039		0.039	0.0061	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
Nitrobenzene	<0.039		0.039	0.0099	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
N-Nitrosodi-n-propylamine	<0.080		0.080	0.048	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
N-Nitrosodiphenylamine	<0.20		0.20	0.047	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
Pentachlorophenol	<0.80		0.80	0.63	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
Phenanthrene	0.14		0.039	0.0055	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
Phenol	<0.20		0.20	0.088	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
Pyrene	0.45		0.039	0.0079	mg/Kg	☼	06/02/21 17:25	06/04/21 02:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	81		31 - 143				06/02/21 17:25	06/04/21 02:31	1
2-Fluorobiphenyl	74		43 - 145				06/02/21 17:25	06/04/21 02:31	1
2-Fluorophenol	101		31 - 166				06/02/21 17:25	06/04/21 02:31	1
Nitrobenzene-d5	65		37 - 147				06/02/21 17:25	06/04/21 02:31	1
Phenol-d5	88		30 - 153				06/02/21 17:25	06/04/21 02:31	1
Terphenyl-d14	172	S1+	42 - 157				06/02/21 17:25	06/04/21 02:31	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/02/21 18:20	06/03/21 10:51	1
Barium	0.59		0.50	0.050	mg/L		06/02/21 18:20	06/03/21 10:51	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/02/21 18:20	06/03/21 10:51	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/02/21 18:20	06/03/21 10:51	1
Chromium	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:51	1
Cobalt	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:51	1
Copper	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:51	1
Iron	<0.40	*+	0.40	0.20	mg/L		06/02/21 18:20	06/03/21 10:51	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/02/21 18:20	06/03/21 10:51	1
Manganese	1.1		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:51	1
Nickel	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:51	1
Selenium	<0.050		0.050	0.020	mg/L		06/02/21 18:20	06/03/21 10:51	1
Silver	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 10:51	1
Zinc	0.10	J	0.50	0.020	mg/L		06/02/21 18:20	06/03/21 10:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.061		0.050	0.010	mg/L		06/03/21 08:08	06/03/21 21:27	1
Barium	0.80		0.50	0.050	mg/L		06/03/21 08:08	06/03/21 21:27	1
Beryllium	0.0081		0.0040	0.0040	mg/L		06/03/21 08:08	06/03/21 21:27	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 08:08	06/03/21 21:27	1
Chromium	0.18		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:27	1
Cobalt	0.040		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:27	1
Copper	0.16		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:27	1
Iron	190		0.40	0.20	mg/L		06/03/21 08:08	06/03/21 21:27	1
Lead	0.17		0.0075	0.0075	mg/L		06/03/21 08:08	06/03/21 21:27	1
Manganese	0.92		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:27	1
Nickel	0.16		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:27	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 08:08	06/03/21 21:27	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199753-1

Client Sample ID: ROW-49(0-2)-052621

Lab Sample ID: 500-199753-7

Date Collected: 05/26/21 14:45

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 83.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:27	1
Zinc	0.68		0.50	0.020	mg/L		06/03/21 08:08	06/03/21 21:27	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.67	J	1.2	0.23	mg/Kg	☆	06/02/21 08:22	06/02/21 19:12	1
Arsenic	6.7		0.58	0.20	mg/Kg	☆	06/02/21 08:22	06/02/21 19:12	1
Barium	78		0.58	0.067	mg/Kg	☆	06/02/21 08:22	06/02/21 19:12	1
Beryllium	0.69		0.23	0.054	mg/Kg	☆	06/02/21 08:22	06/02/21 19:12	1
Cadmium	0.31		0.12	0.021	mg/Kg	☆	06/02/21 08:22	06/02/21 19:12	1
Calcium	58000	B	58	9.9	mg/Kg	☆	06/02/21 08:22	06/03/21 14:36	5
Chromium	19		0.58	0.29	mg/Kg	☆	06/02/21 08:22	06/02/21 19:12	1
Cobalt	11		0.29	0.076	mg/Kg	☆	06/02/21 08:22	06/02/21 19:12	1
Copper	18		0.58	0.16	mg/Kg	☆	06/02/21 08:22	06/02/21 19:12	1
Iron	16000		12	6.1	mg/Kg	☆	06/02/21 08:22	06/02/21 19:12	1
Lead	29		0.29	0.13	mg/Kg	☆	06/02/21 08:22	06/02/21 19:12	1
Magnesium	29000		5.8	2.9	mg/Kg	☆	06/02/21 08:22	06/02/21 19:12	1
Manganese	520	B	0.58	0.085	mg/Kg	☆	06/02/21 08:22	06/02/21 19:12	1
Nickel	20		0.58	0.17	mg/Kg	☆	06/02/21 08:22	06/02/21 19:12	1
Potassium	1300		29	10	mg/Kg	☆	06/02/21 08:22	06/02/21 19:12	1
Selenium	0.52	J	0.58	0.34	mg/Kg	☆	06/02/21 08:22	06/02/21 19:12	1
Silver	0.43		0.29	0.075	mg/Kg	☆	06/02/21 08:22	06/02/21 19:12	1
Sodium	2100	B	58	8.6	mg/Kg	☆	06/02/21 08:22	06/02/21 19:12	1
Thallium	0.95		0.58	0.29	mg/Kg	☆	06/02/21 08:22	06/02/21 19:12	1
Vanadium	26		0.29	0.069	mg/Kg	☆	06/02/21 08:22	06/02/21 19:12	1
Zinc	97		1.2	0.51	mg/Kg	☆	06/02/21 08:22	06/02/21 19:12	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/02/21 15:20	06/03/21 09:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00021		0.00020	0.00020	mg/L		06/03/21 10:00	06/04/21 10:56	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.033		0.018	0.0061	mg/Kg	☆	06/02/21 12:50	06/03/21 07:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.2		0.2	0.2	SU			06/01/21 14:57	1

Client Sample Results

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

Job ID: 500-199753-1

Client Sample ID: ROW-55(0-2)-052621

Lab Sample ID: 500-199753-10

Date Collected: 05/26/21 15:20

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 89.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.019		0.019	0.0084	mg/Kg	✳	05/27/21 17:55	05/28/21 16:34	1
Benzene	<0.0019		0.0019	0.00049	mg/Kg	✳	05/27/21 17:55	05/28/21 16:34	1
Bromodichloromethane	<0.0019		0.0019	0.00039	mg/Kg	✳	05/27/21 17:55	05/28/21 16:34	1
Bromoform	<0.0019		0.0019	0.00056	mg/Kg	✳	05/27/21 17:55	05/28/21 16:34	1
Bromomethane	<0.0048		0.0048	0.0018	mg/Kg	✳	05/27/21 17:55	05/28/21 16:34	1
Carbon disulfide	<0.0048		0.0048	0.0010	mg/Kg	✳	05/27/21 17:55	05/28/21 16:34	1
Carbon tetrachloride	<0.0019		0.0019	0.00056	mg/Kg	✳	05/27/21 17:55	05/28/21 16:34	1
Chlorobenzene	<0.0019		0.0019	0.00071	mg/Kg	✳	05/27/21 17:55	05/28/21 16:34	1
Chloroethane	<0.0048		0.0048	0.0014	mg/Kg	✳	05/27/21 17:55	05/28/21 16:34	1
Chloroform	<0.0019		0.0019	0.00067	mg/Kg	✳	05/27/21 17:55	05/28/21 16:34	1
Chloromethane	<0.0048		0.0048	0.0019	mg/Kg	✳	05/27/21 17:55	05/28/21 16:34	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00054	mg/Kg	✳	05/27/21 17:55	05/28/21 16:34	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00058	mg/Kg	✳	05/27/21 17:55	05/28/21 16:34	1
Dibromochloromethane	<0.0019		0.0019	0.00063	mg/Kg	✳	05/27/21 17:55	05/28/21 16:34	1
1,1-Dichloroethane	<0.0019		0.0019	0.00066	mg/Kg	✳	05/27/21 17:55	05/28/21 16:34	1
1,2-Dichloroethane	<0.0048		0.0048	0.0015	mg/Kg	✳	05/27/21 17:55	05/28/21 16:34	1
1,1-Dichloroethene	<0.0019		0.0019	0.00066	mg/Kg	✳	05/27/21 17:55	05/28/21 16:34	1
1,2-Dichloropropane	<0.0019		0.0019	0.00050	mg/Kg	✳	05/27/21 17:55	05/28/21 16:34	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00068	mg/Kg	✳	05/27/21 17:55	05/28/21 16:34	1
Ethylbenzene	<0.0019		0.0019	0.00092	mg/Kg	✳	05/27/21 17:55	05/28/21 16:34	1
2-Hexanone	<0.0048		0.0048	0.0015	mg/Kg	✳	05/27/21 17:55	05/28/21 16:34	1
Methylene Chloride	<0.0048		0.0048	0.0019	mg/Kg	✳	05/27/21 17:55	05/28/21 16:34	1
Methyl Ethyl Ketone	<0.0048		0.0048	0.0021	mg/Kg	✳	05/27/21 17:55	05/28/21 16:34	1
methyl isobutyl ketone	<0.0048		0.0048	0.0014	mg/Kg	✳	05/27/21 17:55	05/28/21 16:34	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00057	mg/Kg	✳	05/27/21 17:55	05/28/21 16:34	1
Styrene	<0.0019		0.0019	0.00058	mg/Kg	✳	05/27/21 17:55	05/28/21 16:34	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00062	mg/Kg	✳	05/27/21 17:55	05/28/21 16:34	1
Tetrachloroethene	<0.0019		0.0019	0.00066	mg/Kg	✳	05/27/21 17:55	05/28/21 16:34	1
Toluene	<0.0019		0.0019	0.00049	mg/Kg	✳	05/27/21 17:55	05/28/21 16:34	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00085	mg/Kg	✳	05/27/21 17:55	05/28/21 16:34	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00068	mg/Kg	✳	05/27/21 17:55	05/28/21 16:34	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00065	mg/Kg	✳	05/27/21 17:55	05/28/21 16:34	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00083	mg/Kg	✳	05/27/21 17:55	05/28/21 16:34	1
Trichloroethene	<0.0019		0.0019	0.00065	mg/Kg	✳	05/27/21 17:55	05/28/21 16:34	1
Vinyl chloride	<0.0019		0.0019	0.00085	mg/Kg	✳	05/27/21 17:55	05/28/21 16:34	1
Xylenes, Total	<0.0039		0.0039	0.00062	mg/Kg	✳	05/27/21 17:55	05/28/21 16:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		75 - 131	05/27/21 17:55	05/28/21 16:34	1
Dibromofluoromethane	101		75 - 126	05/27/21 17:55	05/28/21 16:34	1
1,2-Dichloroethane-d4 (Surr)	108		70 - 134	05/27/21 17:55	05/28/21 16:34	1
Toluene-d8 (Surr)	106		75 - 124	05/27/21 17:55	05/28/21 16:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.040	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
1,2-Dichlorobenzene	<0.18		0.18	0.044	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
1,3-Dichlorobenzene	<0.18		0.18	0.041	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
1,4-Dichlorobenzene	<0.18		0.18	0.047	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.043	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199753-1

Client Sample ID: ROW-55(0-2)-052621

Lab Sample ID: 500-199753-10

Date Collected: 05/26/21 15:20

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 89.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.084	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
2,4-Dichlorophenol	<0.37		0.37	0.087	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
2,4-Dinitrophenol	<0.74		0.74	0.65	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
2,4-Dinitrotoluene	<0.18		0.18	0.058	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
2,6-Dinitrotoluene	<0.18		0.18	0.072	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
2-Chloronaphthalene	<0.18		0.18	0.041	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
2-Chlorophenol	<0.18		0.18	0.063	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
2-Methylnaphthalene	<0.074		0.074	0.0068	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
2-Methylphenol	<0.18		0.18	0.059	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
2-Nitroaniline	<0.18		0.18	0.050	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
2-Nitrophenol	<0.37		0.37	0.087	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
3 & 4 Methylphenol	<0.18		0.18	0.061	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
3,3'-Dichlorobenzidine	<0.18	*- *3	0.18	0.052	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
3-Nitroaniline	<0.37		0.37	0.11	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
4,6-Dinitro-2-methylphenol	<0.74		0.74	0.30	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.049	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
4-Chloroaniline	<0.74		0.74	0.17	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.043	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
4-Nitroaniline	<0.37	*-	0.37	0.15	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
4-Nitrophenol	<0.74		0.74	0.35	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
Acenaphthene	0.014	J	0.037	0.0066	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
Acenaphthylene	0.010	J	0.037	0.0049	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
Anthracene	0.096		0.037	0.0061	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
Benzo[a]anthracene	0.42	*3	0.037	0.0050	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
Benzo[a]pyrene	0.53	*3	0.037	0.0071	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
Benzo[b]fluoranthene	0.79	*3	0.037	0.0079	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
Benzo[g,h,i]perylene	0.18	*3	0.037	0.012	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
Benzo[k]fluoranthene	0.33	*3	0.037	0.011	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.038	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.055	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
Bis(2-ethylhexyl) phthalate	<0.18	*3	0.18	0.067	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
Butyl benzyl phthalate	<0.18	*3	0.18	0.070	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
Carbazole	0.17	J	0.18	0.092	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
Chrysene	0.45	*3	0.037	0.010	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
Dibenz(a,h)anthracene	0.059	*3	0.037	0.0071	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
Dibenzofuran	<0.18		0.18	0.043	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
Diethyl phthalate	<0.18		0.18	0.062	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
Dimethyl phthalate	<0.18		0.18	0.048	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
Di-n-butyl phthalate	<0.18		0.18	0.056	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
Di-n-octyl phthalate	<0.18		0.18	0.060	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
Fluoranthene	0.58		0.037	0.0068	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
Fluorene	0.038		0.037	0.0052	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
Hexachlorobenzene	<0.074		0.074	0.0085	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
Hexachlorobutadiene	<0.18		0.18	0.058	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
Hexachlorocyclopentadiene	<0.74		0.74	0.21	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1
Hexachloroethane	<0.18		0.18	0.056	mg/Kg	✳	06/02/21 17:25	06/04/21 06:10	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199753-1

Client Sample ID: ROW-55(0-2)-052621

Lab Sample ID: 500-199753-10

Date Collected: 05/26/21 15:20

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 89.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.19	*3	0.037	0.0095	mg/Kg	☼	06/02/21 17:25	06/04/21 06:10	1
Isophorone	<0.18		0.18	0.041	mg/Kg	☼	06/02/21 17:25	06/04/21 06:10	1
Naphthalene	<0.037		0.037	0.0057	mg/Kg	☼	06/02/21 17:25	06/04/21 06:10	1
Nitrobenzene	<0.037		0.037	0.0092	mg/Kg	☼	06/02/21 17:25	06/04/21 06:10	1
N-Nitrosodi-n-propylamine	<0.074		0.074	0.045	mg/Kg	☼	06/02/21 17:25	06/04/21 06:10	1
N-Nitrosodiphenylamine	<0.18		0.18	0.043	mg/Kg	☼	06/02/21 17:25	06/04/21 06:10	1
Pentachlorophenol	<0.74		0.74	0.59	mg/Kg	☼	06/02/21 17:25	06/04/21 06:10	1
Phenanthrene	0.34		0.037	0.0051	mg/Kg	☼	06/02/21 17:25	06/04/21 06:10	1
Phenol	<0.18		0.18	0.082	mg/Kg	☼	06/02/21 17:25	06/04/21 06:10	1
Pyrene	1.4	*3	0.037	0.0073	mg/Kg	☼	06/02/21 17:25	06/04/21 06:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	73		31 - 143				06/02/21 17:25	06/04/21 06:10	1
2-Fluorobiphenyl	79		43 - 145				06/02/21 17:25	06/04/21 06:10	1
2-Fluorophenol	106		31 - 166				06/02/21 17:25	06/04/21 06:10	1
Nitrobenzene-d5	67		37 - 147				06/02/21 17:25	06/04/21 06:10	1
Phenol-d5	90		30 - 153				06/02/21 17:25	06/04/21 06:10	1
Terphenyl-d14	210	S1+ *3	42 - 157				06/02/21 17:25	06/04/21 06:10	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/02/21 18:20	06/03/21 11:09	1
Barium	0.48	J	0.50	0.050	mg/L		06/02/21 18:20	06/03/21 11:09	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/02/21 18:20	06/03/21 11:09	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/02/21 18:20	06/03/21 11:09	1
Chromium	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 11:09	1
Cobalt	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 11:09	1
Copper	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 11:09	1
Iron	<0.40	*+	0.40	0.20	mg/L		06/02/21 18:20	06/03/21 11:09	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/02/21 18:20	06/03/21 11:09	1
Manganese	1.2		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 11:09	1
Nickel	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 11:09	1
Selenium	<0.050		0.050	0.020	mg/L		06/02/21 18:20	06/03/21 11:09	1
Silver	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 11:09	1
Zinc	0.10	J	0.50	0.020	mg/L		06/02/21 18:20	06/03/21 11:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.067		0.050	0.010	mg/L		06/03/21 08:08	06/03/21 21:36	1
Barium	0.41	J	0.50	0.050	mg/L		06/03/21 08:08	06/03/21 21:36	1
Beryllium	0.0068		0.0040	0.0040	mg/L		06/03/21 08:08	06/03/21 21:36	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 08:08	06/03/21 21:36	1
Chromium	0.13		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:36	1
Cobalt	0.055		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:36	1
Copper	0.16		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:36	1
Iron	140		0.40	0.20	mg/L		06/03/21 08:08	06/03/21 21:36	1
Lead	0.11		0.0075	0.0075	mg/L		06/03/21 08:08	06/03/21 21:36	1
Manganese	0.64		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:36	1
Nickel	0.16		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:36	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 08:08	06/03/21 21:36	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199753-1

Client Sample ID: ROW-55(0-2)-052621

Lab Sample ID: 500-199753-10

Date Collected: 05/26/21 15:20

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 89.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:36	1
Zinc	0.39	J	0.50	0.020	mg/L		06/03/21 08:08	06/03/21 21:36	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.69	J	1.1	0.20	mg/Kg	☆	06/02/21 08:22	06/02/21 19:22	1
Arsenic	5.7		0.53	0.18	mg/Kg	☆	06/02/21 08:22	06/02/21 19:22	1
Barium	77		0.53	0.060	mg/Kg	☆	06/02/21 08:22	06/02/21 19:22	1
Beryllium	0.61		0.21	0.049	mg/Kg	☆	06/02/21 08:22	06/02/21 19:22	1
Cadmium	0.30		0.11	0.019	mg/Kg	☆	06/02/21 08:22	06/02/21 19:22	1
Calcium	94000	B	53	8.9	mg/Kg	☆	06/02/21 08:22	06/03/21 14:55	5
Chromium	22		0.53	0.26	mg/Kg	☆	06/02/21 08:22	06/02/21 19:22	1
Cobalt	11		0.26	0.069	mg/Kg	☆	06/02/21 08:22	06/02/21 19:22	1
Copper	23		0.53	0.15	mg/Kg	☆	06/02/21 08:22	06/02/21 19:22	1
Iron	21000		53	27	mg/Kg	☆	06/02/21 08:22	06/03/21 14:55	5
Lead	21		0.26	0.12	mg/Kg	☆	06/02/21 08:22	06/02/21 19:22	1
Magnesium	54000		26	13	mg/Kg	☆	06/02/21 08:22	06/03/21 14:55	5
Manganese	490	B	0.53	0.076	mg/Kg	☆	06/02/21 08:22	06/02/21 19:22	1
Nickel	23		0.53	0.15	mg/Kg	☆	06/02/21 08:22	06/02/21 19:22	1
Potassium	1800		26	9.3	mg/Kg	☆	06/02/21 08:22	06/02/21 19:22	1
Selenium	<0.53		0.53	0.31	mg/Kg	☆	06/02/21 08:22	06/02/21 19:22	1
Silver	0.34		0.26	0.068	mg/Kg	☆	06/02/21 08:22	06/02/21 19:22	1
Sodium	1100	B	53	7.8	mg/Kg	☆	06/02/21 08:22	06/02/21 19:22	1
Thallium	0.89		0.53	0.26	mg/Kg	☆	06/02/21 08:22	06/02/21 19:22	1
Vanadium	21		0.26	0.062	mg/Kg	☆	06/02/21 08:22	06/02/21 19:22	1
Zinc	98		1.1	0.46	mg/Kg	☆	06/02/21 08:22	06/02/21 19:22	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/02/21 15:20	06/03/21 09:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/21 10:00	06/04/21 11:11	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.020		0.016	0.0054	mg/Kg	☆	06/02/21 12:50	06/03/21 08:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.8		0.2	0.2	SU			06/01/21 15:05	1

Client Sample Results

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

Job ID: 500-199753-1

Client Sample ID: ROW-57(0-2)-052621

Lab Sample ID: 500-199753-11

Date Collected: 05/26/21 15:30

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 91.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018		0.018	0.0080	mg/Kg	✳	05/27/21 17:55	05/28/21 16:59	1
Benzene	<0.0018		0.0018	0.00047	mg/Kg	✳	05/27/21 17:55	05/28/21 16:59	1
Bromodichloromethane	<0.0018		0.0018	0.00037	mg/Kg	✳	05/27/21 17:55	05/28/21 16:59	1
Bromoform	<0.0018		0.0018	0.00054	mg/Kg	✳	05/27/21 17:55	05/28/21 16:59	1
Bromomethane	<0.0046		0.0046	0.0017	mg/Kg	✳	05/27/21 17:55	05/28/21 16:59	1
Carbon disulfide	<0.0046		0.0046	0.00096	mg/Kg	✳	05/27/21 17:55	05/28/21 16:59	1
Carbon tetrachloride	<0.0018		0.0018	0.00053	mg/Kg	✳	05/27/21 17:55	05/28/21 16:59	1
Chlorobenzene	<0.0018		0.0018	0.00068	mg/Kg	✳	05/27/21 17:55	05/28/21 16:59	1
Chloroethane	<0.0046		0.0046	0.0014	mg/Kg	✳	05/27/21 17:55	05/28/21 16:59	1
Chloroform	<0.0018		0.0018	0.00064	mg/Kg	✳	05/27/21 17:55	05/28/21 16:59	1
Chloromethane	<0.0046		0.0046	0.0018	mg/Kg	✳	05/27/21 17:55	05/28/21 16:59	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00051	mg/Kg	✳	05/27/21 17:55	05/28/21 16:59	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00055	mg/Kg	✳	05/27/21 17:55	05/28/21 16:59	1
Dibromochloromethane	<0.0018		0.0018	0.00060	mg/Kg	✳	05/27/21 17:55	05/28/21 16:59	1
1,1-Dichloroethane	<0.0018		0.0018	0.00063	mg/Kg	✳	05/27/21 17:55	05/28/21 16:59	1
1,2-Dichloroethane	<0.0046		0.0046	0.0014	mg/Kg	✳	05/27/21 17:55	05/28/21 16:59	1
1,1-Dichloroethene	<0.0018		0.0018	0.00063	mg/Kg	✳	05/27/21 17:55	05/28/21 16:59	1
1,2-Dichloropropane	<0.0018		0.0018	0.00048	mg/Kg	✳	05/27/21 17:55	05/28/21 16:59	1
1,3-Dichloropropane, Total	<0.0018		0.0018	0.00065	mg/Kg	✳	05/27/21 17:55	05/28/21 16:59	1
Ethylbenzene	<0.0018		0.0018	0.00088	mg/Kg	✳	05/27/21 17:55	05/28/21 16:59	1
2-Hexanone	<0.0046		0.0046	0.0014	mg/Kg	✳	05/27/21 17:55	05/28/21 16:59	1
Methylene Chloride	<0.0046		0.0046	0.0018	mg/Kg	✳	05/27/21 17:55	05/28/21 16:59	1
Methyl Ethyl Ketone	<0.0046		0.0046	0.0020	mg/Kg	✳	05/27/21 17:55	05/28/21 16:59	1
methyl isobutyl ketone	<0.0046		0.0046	0.0014	mg/Kg	✳	05/27/21 17:55	05/28/21 16:59	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00054	mg/Kg	✳	05/27/21 17:55	05/28/21 16:59	1
Styrene	<0.0018		0.0018	0.00056	mg/Kg	✳	05/27/21 17:55	05/28/21 16:59	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00059	mg/Kg	✳	05/27/21 17:55	05/28/21 16:59	1
Tetrachloroethene	<0.0018		0.0018	0.00063	mg/Kg	✳	05/27/21 17:55	05/28/21 16:59	1
Toluene	<0.0018		0.0018	0.00046	mg/Kg	✳	05/27/21 17:55	05/28/21 16:59	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00081	mg/Kg	✳	05/27/21 17:55	05/28/21 16:59	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00065	mg/Kg	✳	05/27/21 17:55	05/28/21 16:59	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00062	mg/Kg	✳	05/27/21 17:55	05/28/21 16:59	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00079	mg/Kg	✳	05/27/21 17:55	05/28/21 16:59	1
Trichloroethene	<0.0018		0.0018	0.00062	mg/Kg	✳	05/27/21 17:55	05/28/21 16:59	1
Vinyl chloride	<0.0018		0.0018	0.00081	mg/Kg	✳	05/27/21 17:55	05/28/21 16:59	1
Xylenes, Total	<0.0037		0.0037	0.00059	mg/Kg	✳	05/27/21 17:55	05/28/21 16:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		75 - 131	05/27/21 17:55	05/28/21 16:59	1
Dibromofluoromethane	101		75 - 126	05/27/21 17:55	05/28/21 16:59	1
1,2-Dichloroethane-d4 (Surr)	108		70 - 134	05/27/21 17:55	05/28/21 16:59	1
Toluene-d8 (Surr)	107		75 - 124	05/27/21 17:55	05/28/21 16:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.039	mg/Kg	✳	06/02/21 17:25	06/03/21 17:19	1
1,2-Dichlorobenzene	<0.18		0.18	0.043	mg/Kg	✳	06/02/21 17:25	06/03/21 17:19	1
1,3-Dichlorobenzene	<0.18		0.18	0.040	mg/Kg	✳	06/02/21 17:25	06/03/21 17:19	1
1,4-Dichlorobenzene	<0.18		0.18	0.046	mg/Kg	✳	06/02/21 17:25	06/03/21 17:19	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.042	mg/Kg	✳	06/02/21 17:25	06/03/21 17:19	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199753-1

Client Sample ID: ROW-57(0-2)-052621

Lab Sample ID: 500-199753-11

Date Collected: 05/26/21 15:30

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 91.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.36		0.36	0.082	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
2,4,6-Trichlorophenol	<0.36		0.36	0.12	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
2,4-Dichlorophenol	<0.36		0.36	0.085	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
2,4-Dimethylphenol	<0.36		0.36	0.14	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
2,4-Dinitrophenol	<0.72		0.72	0.63	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
2,4-Dinitrotoluene	<0.18		0.18	0.057	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
2,6-Dinitrotoluene	<0.18		0.18	0.071	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
2-Chloronaphthalene	<0.18		0.18	0.040	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
2-Chlorophenol	<0.18		0.18	0.061	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
2-Methylnaphthalene	<0.072		0.072	0.0066	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
2-Methylphenol	<0.18		0.18	0.058	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
2-Nitroaniline	<0.18		0.18	0.048	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
2-Nitrophenol	<0.36		0.36	0.085	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
3 & 4 Methylphenol	<0.18		0.18	0.060	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
3,3'-Dichlorobenzidine	<0.18	*- *3	0.18	0.050	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
3-Nitroaniline	<0.36		0.36	0.11	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
4,6-Dinitro-2-methylphenol	<0.72		0.72	0.29	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.047	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
4-Chloro-3-methylphenol	<0.36		0.36	0.12	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
4-Chloroaniline	<0.72		0.72	0.17	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.042	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
4-Nitroaniline	<0.36	*-	0.36	0.15	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
4-Nitrophenol	<0.72		0.72	0.34	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
Acenaphthene	<0.036		0.036	0.0065	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
Acenaphthylene	0.0068	J	0.036	0.0047	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
Anthracene	0.013	J	0.036	0.0060	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
Benzo[a]anthracene	0.052	*3	0.036	0.0048	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
Benzo[a]pyrene	0.053	*3	0.036	0.0069	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
Benzo[b]fluoranthene	0.062	*3	0.036	0.0077	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
Benzo[g,h,i]perylene	<0.036	*3	0.036	0.012	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
Benzo[k]fluoranthene	0.035	J *3	0.036	0.011	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.037	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.054	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
Bis(2-ethylhexyl) phthalate	<0.18	*3	0.18	0.066	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
Butyl benzyl phthalate	<0.18	*3	0.18	0.068	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
Carbazole	<0.18		0.18	0.090	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
Chrysene	0.071	*3	0.036	0.0098	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
Dibenz(a,h)anthracene	<0.036	*3	0.036	0.0069	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
Dibenzofuran	<0.18		0.18	0.042	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
Diethyl phthalate	<0.18		0.18	0.061	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
Dimethyl phthalate	<0.18		0.18	0.047	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
Di-n-butyl phthalate	<0.18		0.18	0.055	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
Di-n-octyl phthalate	<0.18		0.18	0.059	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
Fluoranthene	0.078		0.036	0.0067	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
Fluorene	<0.036		0.036	0.0050	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
Hexachlorobenzene	<0.072		0.072	0.0083	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
Hexachlorobutadiene	<0.18		0.18	0.056	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
Hexachlorocyclopentadiene	<0.72		0.72	0.21	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1
Hexachloroethane	<0.18		0.18	0.055	mg/Kg	☆	06/02/21 17:25	06/03/21 17:19	1

Euofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199753-1

Client Sample ID: ROW-57(0-2)-052621

Lab Sample ID: 500-199753-11

Date Collected: 05/26/21 15:30

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 91.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.029	J *3	0.036	0.0093	mg/Kg	☼	06/02/21 17:25	06/03/21 17:19	1
Isophorone	<0.18		0.18	0.040	mg/Kg	☼	06/02/21 17:25	06/03/21 17:19	1
Naphthalene	0.0062	J	0.036	0.0055	mg/Kg	☼	06/02/21 17:25	06/03/21 17:19	1
Nitrobenzene	<0.036		0.036	0.0090	mg/Kg	☼	06/02/21 17:25	06/03/21 17:19	1
N-Nitrosodi-n-propylamine	<0.072		0.072	0.044	mg/Kg	☼	06/02/21 17:25	06/03/21 17:19	1
N-Nitrosodiphenylamine	<0.18		0.18	0.042	mg/Kg	☼	06/02/21 17:25	06/03/21 17:19	1
Pentachlorophenol	<0.72		0.72	0.58	mg/Kg	☼	06/02/21 17:25	06/03/21 17:19	1
Phenanthrene	0.061		0.036	0.0050	mg/Kg	☼	06/02/21 17:25	06/03/21 17:19	1
Phenol	<0.18		0.18	0.080	mg/Kg	☼	06/02/21 17:25	06/03/21 17:19	1
Pyrene	0.23	*3	0.036	0.0071	mg/Kg	☼	06/02/21 17:25	06/03/21 17:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	75		31 - 143				06/02/21 17:25	06/03/21 17:19	1
2-Fluorobiphenyl	87		43 - 145				06/02/21 17:25	06/03/21 17:19	1
2-Fluorophenol	87		31 - 166				06/02/21 17:25	06/03/21 17:19	1
Nitrobenzene-d5	84		37 - 147				06/02/21 17:25	06/03/21 17:19	1
Phenol-d5	90		30 - 153				06/02/21 17:25	06/03/21 17:19	1
Terphenyl-d14	265	S1+ *3	42 - 157				06/02/21 17:25	06/03/21 17:19	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/02/21 18:20	06/03/21 11:13	1
Barium	0.45	J	0.50	0.050	mg/L		06/02/21 18:20	06/03/21 11:13	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/02/21 18:20	06/03/21 11:13	1
Cadmium	0.0026	J	0.0050	0.0020	mg/L		06/02/21 18:20	06/03/21 11:13	1
Chromium	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 11:13	1
Cobalt	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 11:13	1
Copper	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 11:13	1
Iron	<0.40	*+	0.40	0.20	mg/L		06/02/21 18:20	06/03/21 11:13	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/02/21 18:20	06/03/21 11:13	1
Manganese	2.1		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 11:13	1
Nickel	0.020	J	0.025	0.010	mg/L		06/02/21 18:20	06/03/21 11:13	1
Selenium	<0.050		0.050	0.020	mg/L		06/02/21 18:20	06/03/21 11:13	1
Silver	<0.025		0.025	0.010	mg/L		06/02/21 18:20	06/03/21 11:13	1
Zinc	0.066	J	0.50	0.020	mg/L		06/02/21 18:20	06/03/21 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.059	F1	0.050	0.010	mg/L		06/03/21 08:08	06/03/21 21:50	1
Barium	0.36	J F1	0.50	0.050	mg/L		06/03/21 08:08	06/03/21 21:50	1
Beryllium	0.0060	F1	0.0040	0.0040	mg/L		06/03/21 08:08	06/03/21 21:50	1
Cadmium	<0.0050	F1	0.0050	0.0020	mg/L		06/03/21 08:08	06/03/21 21:50	1
Chromium	0.12	F1	0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:50	1
Cobalt	0.051	F1	0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:50	1
Copper	0.15	F1	0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:50	1
Iron	130		0.40	0.20	mg/L		06/03/21 08:08	06/03/21 21:50	1
Lead	0.14	F1	0.0075	0.0075	mg/L		06/03/21 08:08	06/03/21 21:50	1
Manganese	0.76	F1	0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:50	1
Nickel	0.14	F1	0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:50	1
Selenium	<0.050	F1	0.050	0.020	mg/L		06/03/21 08:08	06/03/21 21:50	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199753-1

Client Sample ID: ROW-57(0-2)-052621

Lab Sample ID: 500-199753-11

Date Collected: 05/26/21 15:30

Matrix: Solid

Date Received: 05/26/21 17:18

Percent Solids: 91.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025	F1	0.025	0.010	mg/L		06/03/21 08:08	06/03/21 21:50	1
Zinc	0.42	J F1	0.50	0.020	mg/L		06/03/21 08:08	06/03/21 21:50	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.51	J	1.1	0.21	mg/Kg	☆	06/02/21 08:22	06/02/21 19:26	1
Arsenic	5.2		0.54	0.19	mg/Kg	☆	06/02/21 08:22	06/02/21 19:26	1
Barium	36		0.54	0.062	mg/Kg	☆	06/02/21 08:22	06/02/21 19:26	1
Beryllium	0.53		0.22	0.051	mg/Kg	☆	06/02/21 08:22	06/02/21 19:26	1
Cadmium	0.37		0.11	0.019	mg/Kg	☆	06/02/21 08:22	06/02/21 19:26	1
Calcium	110000	B	54	9.2	mg/Kg	☆	06/02/21 08:22	06/03/21 14:59	5
Chromium	16		0.54	0.27	mg/Kg	☆	06/02/21 08:22	06/02/21 19:26	1
Cobalt	7.9		0.27	0.071	mg/Kg	☆	06/02/21 08:22	06/02/21 19:26	1
Copper	21		0.54	0.15	mg/Kg	☆	06/02/21 08:22	06/02/21 19:26	1
Iron	18000		54	28	mg/Kg	☆	06/02/21 08:22	06/03/21 14:59	5
Lead	44		0.27	0.13	mg/Kg	☆	06/02/21 08:22	06/02/21 19:26	1
Magnesium	63000		27	13	mg/Kg	☆	06/02/21 08:22	06/03/21 14:59	5
Manganese	390	B	0.54	0.078	mg/Kg	☆	06/02/21 08:22	06/02/21 19:26	1
Nickel	20		0.54	0.16	mg/Kg	☆	06/02/21 08:22	06/02/21 19:26	1
Potassium	1400		27	9.6	mg/Kg	☆	06/02/21 08:22	06/02/21 19:26	1
Selenium	<0.54		0.54	0.32	mg/Kg	☆	06/02/21 08:22	06/02/21 19:26	1
Silver	0.27		0.27	0.070	mg/Kg	☆	06/02/21 08:22	06/02/21 19:26	1
Sodium	1100	B	54	8.0	mg/Kg	☆	06/02/21 08:22	06/02/21 19:26	1
Thallium	0.82		0.54	0.27	mg/Kg	☆	06/02/21 08:22	06/02/21 19:26	1
Vanadium	17		0.27	0.064	mg/Kg	☆	06/02/21 08:22	06/02/21 19:26	1
Zinc	85		1.1	0.48	mg/Kg	☆	06/02/21 08:22	06/02/21 19:26	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/02/21 15:20	06/03/21 09:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/21 10:00	06/04/21 11:13	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.015	J	0.017	0.0058	mg/Kg	☆	06/02/21 12:50	06/03/21 08:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.7		0.2	0.2	SU			06/01/21 15:07	1

Definitions/Glossary

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

Job ID: 500-199753-1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*3	ISTD response or retention time outside acceptable limits.
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

Metals

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

Glossary

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

Eurofins TestAmerica, Chicago

Definitions/Glossary

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

Job ID: 500-199753-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

Accreditation/Certification Summary

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

Job ID: 500-199753-1

Laboratory: Eurofins TestAmerica, Chicago

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

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	IL00035	04-29-22

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

Chain of Custody Record

533084




Environment Testing
TestAmerica

TAL-8210

Address: _____

Regulatory Program: DW NPDES RCRA Other

Client Contact		Project Manager: <u>Andrus Sklar</u>		Site Contact:		Date:		COC No					
Company Name <u>Weston Solutions</u>		Tel/Email:		Lab Contact:		Carrier:		____ of <u>3</u> COCs					
Address <u>350 Plaza Cir. Ste 202</u>		Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____ <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day											
City/State/Zip <u>Mundelein IL 60060</u>													
Phone _____		Sample Date Sample Time Sample Type (C=Comp, G=Grab) Matrix # of Cont.		Filtered Sample (Y/N) Perform MS /MSD (Y/N) VOCs SVOCs Total Metals PCB/SLP Metals pH		 500-199753 COC		Sampler _____ For Lab Use Only: Walk-in Client: _____ Lab Sampling: _____					
Fax _____								Job / SDG No. <u>500-199753</u>					
Project Name <u>TJOT T 50</u>								Sample Specific Notes.					
Site _____													
P O # _____													
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS /MSD (Y/N)	VOCs	SVOCs	Total Metals	PCB/SLP Metals	pH
<u>ROW-23(0-2)-052621</u>		<u>5/26/18</u>	<u>1120</u>	<u>W</u>	<u>S</u>	<u>6</u>			<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
<u>ROW-25(0-2)-052621</u>			<u>1140</u>						<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
<u>ROW-27(0-2)-052621</u>			<u>1155</u>						<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
<u>ROW-29(0-2)-052621</u>			<u>1215</u>						<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
<u>ROW-31(0-2)-052621</u>			<u>1230</u>						<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
<u>ROW-33(0-2)-052621</u>			<u>1245</u>						<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
<u>ROW-35(0-2)-052621</u>			<u>1300</u>						<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
<u>ROW-37(0-2)-052621</u>			<u>1315</u>						<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
<u>ROW-39(0-2)-052621</u>			<u>1330</u>						<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
<u>ROW-39(0-2)-052621</u>			<u>1330</u>						<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
<u>ROW-41(0-2)-052621</u>			<u>1350</u>						<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
<u>ROW-43(0-2)-052621</u>			<u>1405</u>						<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other													
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown							Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months						
Special Instructions/QC Requirements & Comments: <u>4.9 → 4.7, 3.8 → 3.6, 5.1 → 4.9, 2.2 → 2.0, 5.8 → 5.6</u>													
Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No _____		Cooler Temp (°C). Obs'd _____ Corr'd _____		Therm ID No _____							
Relinquished by: <u>[Signature]</u>		Company: <u>Weston</u>		Date/Time: <u>5/26/18 1510</u>		Received by: <u>[Signature]</u>		Company: <u>ETA</u>		Date/Time: <u>5/26/18 1610</u>			
Relinquished by: <u>[Signature]</u>		Company: <u>ETA</u>		Date/Time: <u>5/26/18</u>		Received by: <u>[Signature]</u>		Company: <u>ETA</u>		Date/Time: <u>5/26/18</u>			
Relinquished by: _____		Company: _____		Date/Time: _____		Received in Laboratory by: <u>[Signature]</u>		Company: <u>GTA CHI</u>		Date/Time: <u>5/20/18 1718</u>			

Address _____

Regulatory Program: DW NPDES RCRA Other

Client Contact		Project Manager: <u>Andris Jersars</u>		Site Contact:		Date		COC No															
Company Name <u>Western Solutions</u>		Tel/Email		Lab Contact		Carrier		3 of 3 COCs															
Address <u>300 Plaza Cir. Ste 202</u>		<table border="1"> <tr> <th colspan="2">Analysis Turnaround Time</th> </tr> <tr> <td><input type="checkbox"/> CALENDAR DAYS</td> <td><input type="checkbox"/> WORKING DAYS</td> </tr> <tr> <td colspan="2">TAT if different from Below _____</td> </tr> <tr> <td><input type="checkbox"/> 2 weeks</td> <td></td> </tr> <tr> <td><input type="checkbox"/> 1 week</td> <td></td> </tr> <tr> <td><input type="checkbox"/> 2 days</td> <td></td> </tr> <tr> <td><input type="checkbox"/> 1 day</td> <td></td> </tr> </table>								Analysis Turnaround Time		<input type="checkbox"/> CALENDAR DAYS	<input type="checkbox"/> WORKING DAYS	TAT if different from Below _____		<input type="checkbox"/> 2 weeks		<input type="checkbox"/> 1 week		<input type="checkbox"/> 2 days		<input type="checkbox"/> 1 day	
Analysis Turnaround Time																							
<input type="checkbox"/> CALENDAR DAYS	<input type="checkbox"/> WORKING DAYS																						
TAT if different from Below _____																							
<input type="checkbox"/> 2 weeks																							
<input type="checkbox"/> 1 week																							
<input type="checkbox"/> 2 days																							
<input type="checkbox"/> 1 day																							
City/State/Zip <u>Murderh, IL 60650</u>																							
Phone																							
Fax																							
Project Name <u>IDOT 2-80</u>																							
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)	UGCs	SJOCs	Total Metal	TELP / SLP Details	pH	Sample Specific Notes									
5	ROW-45(0-2)-052621	5/26/21	1420	G	S	6			X	X	X	X											
6	ROW-47(0-2)-052621		1435						X	X	X	X											
7	ROW-49(0-2)-052621		1445						X	X	X	X											
8	ROW-51(0-2)-052621		1500						X	X	X	X											
9	ROW-53(0-2)-052621		1510						X	X	X	X											
10	ROW-55(0-2)-052621		1520						X	X	X	X											
11	ROW-57(0-2)-052621		1530						X	X	X	X											
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other																							
Possible Hazard Identification Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample							Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)																
<input 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>[Signature]</u>		Company: <u>Western</u>		Date/Time: <u>5/26 1610</u>		Received by: <u>P. Neal</u>		Company: <u>EA</u>		Date/Time: <u>5/26/21 1610</u>													
Relinquished by: <u>[Signature]</u>		Company: <u>EA</u>		Date/Time: <u>5/26/21 1718</u>		Received by: <u>[Signature]</u>		Company: _____		Date/Time: _____													
Relinquished by: _____		Company: _____		Date/Time: _____		Received in Laboratory by: <u>Paula Buckley</u>		Company: <u>EA CH1</u>		Date/Time: <u>5/26/21 1718</u>													

ANALYTICAL REPORT

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

Laboratory Job ID: 500-199832-1
Client Project/Site: IDOT - I-80 - WO 019

For:

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

Attn: Mr. Andris Slesers



Authorized for release by:
6/8/2021 1:21:31 PM

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

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:

www.eurofinsus.com/Env

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

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

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

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-58(0-2)-052721

Lab Sample ID: 500-199832-1

Date Collected: 05/27/21 08:05

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 86.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.024		0.024	0.010	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
Benzene	<0.0024		0.0024	0.00061	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
Bromodichloromethane	<0.0024		0.0024	0.00049	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
Bromoform	<0.0024		0.0024	0.00070	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
Bromomethane	<0.0060		0.0060	0.0023	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
Carbon disulfide	<0.0060		0.0060	0.0013	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
Carbon tetrachloride	<0.0024		0.0024	0.00070	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
Chlorobenzene	<0.0024		0.0024	0.00089	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
Chloroethane	<0.0060		0.0060	0.0018	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
Chloroform	<0.0024		0.0024	0.00084	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
Chloromethane	<0.0060		0.0060	0.0024	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
cis-1,2-Dichloroethene	<0.0024		0.0024	0.00067	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
cis-1,3-Dichloropropene	<0.0024		0.0024	0.00073	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
Dibromochloromethane	<0.0024		0.0024	0.00079	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
1,1-Dichloroethane	<0.0024		0.0024	0.00083	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
1,2-Dichloroethane	<0.0060		0.0060	0.0019	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
1,1-Dichloroethene	<0.0024		0.0024	0.00083	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
1,2-Dichloropropane	<0.0024		0.0024	0.00062	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
1,3-Dichloropropane, Total	<0.0024		0.0024	0.00085	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
Ethylbenzene	<0.0024		0.0024	0.0012	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
2-Hexanone	<0.0060		0.0060	0.0019	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
Methylene Chloride	<0.0060		0.0060	0.0024	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
Methyl Ethyl Ketone	<0.0060		0.0060	0.0027	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
methyl isobutyl ketone	<0.0060		0.0060	0.0018	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
Methyl tert-butyl ether	<0.0024		0.0024	0.00071	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
Styrene	<0.0024		0.0024	0.00073	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
1,1,2,2-Tetrachloroethane	<0.0024		0.0024	0.00077	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
Tetrachloroethene	<0.0024		0.0024	0.00082	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
Toluene	<0.0024		0.0024	0.00061	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
trans-1,2-Dichloroethene	<0.0024		0.0024	0.0011	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
trans-1,3-Dichloropropene	<0.0024		0.0024	0.00085	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
1,1,1-Trichloroethane	<0.0024		0.0024	0.00081	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
1,1,2-Trichloroethane	<0.0024		0.0024	0.0010	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
Trichloroethene	<0.0024		0.0024	0.00081	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
Vinyl chloride	<0.0024		0.0024	0.0011	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1
Xylenes, Total	<0.0048		0.0048	0.00077	mg/Kg	☼	05/28/21 17:40	06/02/21 11:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		75 - 131	05/28/21 17:40	06/02/21 11:29	1
Dibromofluoromethane	101		75 - 126	05/28/21 17:40	06/02/21 11:29	1
1,2-Dichloroethane-d4 (Surr)	105		70 - 134	05/28/21 17:40	06/02/21 11:29	1
Toluene-d8 (Surr)	105		75 - 124	05/28/21 17:40	06/02/21 11:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	☼	06/03/21 07:33	06/03/21 20:53	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	☼	06/03/21 07:33	06/03/21 20:53	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	☼	06/03/21 07:33	06/03/21 20:53	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	☼	06/03/21 07:33	06/03/21 20:53	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	☼	06/03/21 07:33	06/03/21 20:53	1

Euofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-58(0-2)-052721

Lab Sample ID: 500-199832-1

Date Collected: 05/27/21 08:05

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 86.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.087	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
2,4-Dichlorophenol	<0.38		0.38	0.091	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
2,4-Dimethylphenol	<0.38		0.38	0.15	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
2,4-Dinitrophenol	<0.77	F1	0.77	0.67	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
2,4-Dinitrotoluene	<0.19		0.19	0.061	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
2,6-Dinitrotoluene	<0.19		0.19	0.075	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
2-Chlorophenol	<0.19	*+	0.19	0.065	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
2-Methylnaphthalene	0.030	J	0.077	0.0070	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
2-Methylphenol	<0.19		0.19	0.061	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
2-Nitrophenol	<0.38		0.38	0.090	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
3 & 4 Methylphenol	<0.19		0.19	0.064	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
3,3'-Dichlorobenzidine	<0.19	F1 F2	0.19	0.054	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
4,6-Dinitro-2-methylphenol	<0.77	F2	0.77	0.31	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
4-Chloroaniline	<0.77		0.77	0.18	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
4-Nitrophenol	<0.77		0.77	0.36	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
Acenaphthene	0.0093	J	0.038	0.0069	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
Acenaphthylene	0.052		0.038	0.0050	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
Anthracene	0.073		0.038	0.0064	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
Benzo[a]anthracene	0.18		0.038	0.0051	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
Benzo[a]pyrene	0.20	*3	0.038	0.0074	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
Benzo[b]fluoranthene	0.32	*3	0.038	0.0083	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
Benzo[g,h,i]perylene	0.074	*3 F1	0.038	0.012	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
Benzo[k]fluoranthene	0.12	*3 F1	0.038	0.011	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
Bis(2-chloroethyl)ether	<0.19	*+	0.19	0.057	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
Bis(2-ethylhexyl) phthalate	<0.19	F1	0.19	0.070	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
Butyl benzyl phthalate	<0.19	F1	0.19	0.073	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
Carbazole	<0.19		0.19	0.096	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
Chrysene	0.20		0.038	0.010	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
Dibenz(a,h)anthracene	0.019	J *3 F1	0.038	0.0074	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
Dibenzofuran	0.056	J	0.19	0.045	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
Diethyl phthalate	<0.19		0.19	0.065	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
Di-n-butyl phthalate	<0.19		0.19	0.058	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
Di-n-octyl phthalate	<0.19		0.19	0.062	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
Fluoranthene	0.37		0.038	0.0071	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
Fluorene	0.022	J	0.038	0.0054	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
Hexachlorobenzene	<0.077		0.077	0.0089	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
Hexachlorobutadiene	<0.19		0.19	0.060	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
Hexachlorocyclopentadiene	<0.77	F1	0.77	0.22	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1
Hexachloroethane	<0.19		0.19	0.058	mg/Kg	✳	06/03/21 07:33	06/03/21 20:53	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-58(0-2)-052721

Lab Sample ID: 500-199832-1

Date Collected: 05/27/21 08:05

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 86.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.075	*3 F1	0.038	0.0099	mg/Kg	☼	06/03/21 07:33	06/03/21 20:53	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	06/03/21 07:33	06/03/21 20:53	1
Naphthalene	0.21		0.038	0.0059	mg/Kg	☼	06/03/21 07:33	06/03/21 20:53	1
Nitrobenzene	<0.038		0.038	0.0095	mg/Kg	☼	06/03/21 07:33	06/03/21 20:53	1
N-Nitrosodi-n-propylamine	<0.077		0.077	0.047	mg/Kg	☼	06/03/21 07:33	06/03/21 20:53	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	☼	06/03/21 07:33	06/03/21 20:53	1
Pentachlorophenol	<0.77	*- F1	0.77	0.61	mg/Kg	☼	06/03/21 07:33	06/03/21 20:53	1
Phenanthrene	0.29		0.038	0.0053	mg/Kg	☼	06/03/21 07:33	06/03/21 20:53	1
Phenol	<0.19		0.19	0.085	mg/Kg	☼	06/03/21 07:33	06/03/21 20:53	1
Pyrene	0.42	F1	0.038	0.0076	mg/Kg	☼	06/03/21 07:33	06/03/21 20:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	87		31 - 143				06/03/21 07:33	06/03/21 20:53	1
2-Fluorobiphenyl	91		43 - 145				06/03/21 07:33	06/03/21 20:53	1
2-Fluorophenol	105		31 - 166				06/03/21 07:33	06/03/21 20:53	1
Nitrobenzene-d5	89		37 - 147				06/03/21 07:33	06/03/21 20:53	1
Phenol-d5	107		30 - 153				06/03/21 07:33	06/03/21 20:53	1
Terphenyl-d14	123		42 - 157				06/03/21 07:33	06/03/21 20:53	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:28	06/04/21 10:43	1
Barium	0.53		0.50	0.050	mg/L		06/03/21 18:28	06/04/21 10:43	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:28	06/04/21 10:43	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:28	06/04/21 10:43	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 10:43	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 10:43	1
Copper	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 10:43	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:28	06/04/21 10:43	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/21 18:28	06/04/21 10:43	1
Manganese	0.56		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 10:43	1
Nickel	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 10:43	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:28	06/04/21 10:43	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 10:43	1
Zinc	0.030	J	0.50	0.020	mg/L		06/03/21 18:28	06/04/21 10:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.083		0.050	0.010	mg/L		06/03/21 18:31	06/04/21 11:45	1
Barium	0.54		0.50	0.050	mg/L		06/03/21 18:31	06/04/21 11:45	1
Beryllium	0.0090		0.0040	0.0040	mg/L		06/03/21 18:31	06/04/21 11:45	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:31	06/04/21 11:45	1
Chromium	0.16		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:45	1
Cobalt	0.054		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:45	1
Copper	0.21		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:45	1
Iron	180		0.40	0.20	mg/L		06/03/21 18:31	06/04/21 11:45	1
Lead	0.16		0.0075	0.0075	mg/L		06/03/21 18:31	06/04/21 11:45	1
Manganese	0.77		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:45	1
Nickel	0.20		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:45	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:31	06/04/21 11:45	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-58(0-2)-052721

Lab Sample ID: 500-199832-1

Date Collected: 05/27/21 08:05

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 86.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:45	1
Zinc	0.49	J	0.50	0.020	mg/L		06/03/21 18:31	06/04/21 11:45	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.1	F1	1.1	0.22	mg/Kg	✧	06/02/21 17:31	06/03/21 16:44	1
Arsenic	7.7	F1	0.57	0.20	mg/Kg	✧	06/02/21 17:31	06/03/21 16:44	1
Barium	47		0.57	0.065	mg/Kg	✧	06/02/21 17:31	06/03/21 16:44	1
Beryllium	0.67		0.23	0.053	mg/Kg	✧	06/02/21 17:31	06/03/21 16:44	1
Cadmium	0.29		0.11	0.021	mg/Kg	✧	06/02/21 17:31	06/03/21 16:44	1
Calcium	84000	B	57	9.7	mg/Kg	✧	06/02/21 17:31	06/04/21 16:58	5
Chromium	18	F1 F2	0.57	0.28	mg/Kg	✧	06/02/21 17:31	06/03/21 16:44	1
Cobalt	11		0.29	0.075	mg/Kg	✧	06/02/21 17:31	06/03/21 16:44	1
Copper	27	F1	0.57	0.16	mg/Kg	✧	06/02/21 17:31	06/03/21 16:44	1
Iron	23000	F2	57	30	mg/Kg	✧	06/02/21 17:31	06/04/21 16:58	5
Lead	33		0.29	0.13	mg/Kg	✧	06/02/21 17:31	06/03/21 16:44	1
Magnesium	51000	B	29	14	mg/Kg	✧	06/02/21 17:31	06/04/21 16:58	5
Manganese	410	F2	0.57	0.083	mg/Kg	✧	06/02/21 17:31	06/03/21 16:44	1
Nickel	26		0.57	0.17	mg/Kg	✧	06/02/21 17:31	06/03/21 16:44	1
Potassium	1800	F1	29	10	mg/Kg	✧	06/02/21 17:31	06/03/21 16:44	1
Selenium	<0.57	F1	0.57	0.34	mg/Kg	✧	06/02/21 17:31	06/03/21 16:44	1
Silver	0.41		0.29	0.074	mg/Kg	✧	06/02/21 17:31	06/03/21 16:44	1
Sodium	1300		57	8.5	mg/Kg	✧	06/02/21 17:31	06/03/21 16:44	1
Thallium	<0.57		0.57	0.28	mg/Kg	✧	06/02/21 17:31	06/03/21 16:44	1
Vanadium	21	F1 F2	0.29	0.067	mg/Kg	✧	06/02/21 17:31	06/03/21 16:44	1
Zinc	91	F1	1.1	0.50	mg/Kg	✧	06/02/21 17:31	06/03/21 16:44	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/21 13:05	06/04/21 11:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 10:53	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.022		0.018	0.0061	mg/Kg	✧	06/03/21 14:00	06/04/21 07:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.7		0.2	0.2	SU			06/03/21 13:53	1

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-58(0-2)-052721D

Lab Sample ID: 500-199832-2

Date Collected: 05/27/21 08:05

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 87.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0074	mg/Kg	☼	05/28/21 17:40	06/02/21 11:54	1
Benzene	<0.0017		0.0017	0.00044	mg/Kg	☼	05/28/21 17:40	06/02/21 11:54	1
Bromodichloromethane	<0.0017		0.0017	0.00035	mg/Kg	☼	05/28/21 17:40	06/02/21 11:54	1
Bromoform	<0.0017		0.0017	0.00050	mg/Kg	☼	05/28/21 17:40	06/02/21 11:54	1
Bromomethane	<0.0043		0.0043	0.0016	mg/Kg	☼	05/28/21 17:40	06/02/21 11:54	1
Carbon disulfide	<0.0043		0.0043	0.00089	mg/Kg	☼	05/28/21 17:40	06/02/21 11:54	1
Carbon tetrachloride	<0.0017		0.0017	0.00050	mg/Kg	☼	05/28/21 17:40	06/02/21 11:54	1
Chlorobenzene	<0.0017		0.0017	0.00063	mg/Kg	☼	05/28/21 17:40	06/02/21 11:54	1
Chloroethane	<0.0043		0.0043	0.0013	mg/Kg	☼	05/28/21 17:40	06/02/21 11:54	1
Chloroform	<0.0017		0.0017	0.00059	mg/Kg	☼	05/28/21 17:40	06/02/21 11:54	1
Chloromethane	<0.0043		0.0043	0.0017	mg/Kg	☼	05/28/21 17:40	06/02/21 11:54	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00048	mg/Kg	☼	05/28/21 17:40	06/02/21 11:54	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00052	mg/Kg	☼	05/28/21 17:40	06/02/21 11:54	1
Dibromochloromethane	<0.0017		0.0017	0.00056	mg/Kg	☼	05/28/21 17:40	06/02/21 11:54	1
1,1-Dichloroethane	<0.0017		0.0017	0.00059	mg/Kg	☼	05/28/21 17:40	06/02/21 11:54	1
1,2-Dichloroethane	<0.0043		0.0043	0.0013	mg/Kg	☼	05/28/21 17:40	06/02/21 11:54	1
1,1-Dichloroethene	<0.0017		0.0017	0.00059	mg/Kg	☼	05/28/21 17:40	06/02/21 11:54	1
1,2-Dichloropropane	<0.0017		0.0017	0.00044	mg/Kg	☼	05/28/21 17:40	06/02/21 11:54	1
1,3-Dichloropropane, Total	<0.0017		0.0017	0.00060	mg/Kg	☼	05/28/21 17:40	06/02/21 11:54	1
Ethylbenzene	<0.0017		0.0017	0.00082	mg/Kg	☼	05/28/21 17:40	06/02/21 11:54	1
2-Hexanone	<0.0043		0.0043	0.0013	mg/Kg	☼	05/28/21 17:40	06/02/21 11:54	1
Methylene Chloride	<0.0043		0.0043	0.0017	mg/Kg	☼	05/28/21 17:40	06/02/21 11:54	1
Methyl Ethyl Ketone	<0.0043		0.0043	0.0019	mg/Kg	☼	05/28/21 17:40	06/02/21 11:54	1
methyl isobutyl ketone	<0.0043		0.0043	0.0013	mg/Kg	☼	05/28/21 17:40	06/02/21 11:54	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00050	mg/Kg	☼	05/28/21 17:40	06/02/21 11:54	1
Styrene	<0.0017		0.0017	0.00052	mg/Kg	☼	05/28/21 17:40	06/02/21 11:54	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00055	mg/Kg	☼	05/28/21 17:40	06/02/21 11:54	1
Tetrachloroethene	<0.0017		0.0017	0.00058	mg/Kg	☼	05/28/21 17:40	06/02/21 11:54	1
Toluene	<0.0017		0.0017	0.00043	mg/Kg	☼	05/28/21 17:40	06/02/21 11:54	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00076	mg/Kg	☼	05/28/21 17:40	06/02/21 11:54	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00060	mg/Kg	☼	05/28/21 17:40	06/02/21 11:54	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00057	mg/Kg	☼	05/28/21 17:40	06/02/21 11:54	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00073	mg/Kg	☼	05/28/21 17:40	06/02/21 11:54	1
Trichloroethene	<0.0017		0.0017	0.00058	mg/Kg	☼	05/28/21 17:40	06/02/21 11:54	1
Vinyl chloride	<0.0017		0.0017	0.00076	mg/Kg	☼	05/28/21 17:40	06/02/21 11:54	1
Xylenes, Total	<0.0034		0.0034	0.00055	mg/Kg	☼	05/28/21 17:40	06/02/21 11:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		75 - 131	05/28/21 17:40	06/02/21 11:54	1
Dibromofluoromethane	100		75 - 126	05/28/21 17:40	06/02/21 11:54	1
1,2-Dichloroethane-d4 (Surr)	110		70 - 134	05/28/21 17:40	06/02/21 11:54	1
Toluene-d8 (Surr)	102		75 - 124	05/28/21 17:40	06/02/21 11:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	☼	06/03/21 07:33	06/03/21 20:12	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	☼	06/03/21 07:33	06/03/21 20:12	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	06/03/21 07:33	06/03/21 20:12	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	☼	06/03/21 07:33	06/03/21 20:12	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	☼	06/03/21 07:33	06/03/21 20:12	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-58(0-2)-052721D

Lab Sample ID: 500-199832-2

Date Collected: 05/27/21 08:05

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 87.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.086	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
2,4-Dichlorophenol	<0.37		0.37	0.090	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
2,4-Dinitrophenol	<0.76		0.76	0.66	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
2,4-Dinitrotoluene	<0.19		0.19	0.060	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
2,6-Dinitrotoluene	<0.19		0.19	0.074	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
2-Chlorophenol	<0.19	*+	0.19	0.064	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
2-Methylnaphthalene	0.026	J	0.076	0.0069	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
2-Nitrophenol	<0.37		0.37	0.089	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
3 & 4 Methylphenol	<0.19		0.19	0.063	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.053	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.30	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
4-Chloroaniline	<0.76		0.76	0.18	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
4-Nitrophenol	<0.76		0.76	0.36	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
Acenaphthene	0.013	J	0.037	0.0068	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
Acenaphthylene	0.047		0.037	0.0050	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
Anthracene	0.081		0.037	0.0063	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
Benzo[a]anthracene	0.23		0.037	0.0051	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
Benzo[a]pyrene	0.25		0.037	0.0073	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
Benzo[b]fluoranthene	0.38		0.037	0.0081	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
Benzo[g,h,i]perylene	0.10		0.037	0.012	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
Benzo[k]fluoranthene	0.13		0.037	0.011	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
Bis(2-chloroethyl)ether	<0.19	*+	0.19	0.057	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.069	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
Butyl benzyl phthalate	<0.19		0.19	0.072	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
Carbazole	<0.19		0.19	0.094	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
Chrysene	0.26		0.037	0.010	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
Dibenz(a,h)anthracene	0.026	J	0.037	0.0073	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
Dibenzofuran	0.050	J	0.19	0.044	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
Diethyl phthalate	<0.19		0.19	0.064	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
Di-n-octyl phthalate	<0.19		0.19	0.062	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
Fluoranthene	0.47		0.037	0.0070	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
Fluorene	0.026	J	0.037	0.0053	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
Hexachlorobenzene	<0.076		0.076	0.0087	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
Hexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
Hexachlorocyclopentadiene	<0.76		0.76	0.22	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1
Hexachloroethane	<0.19		0.19	0.057	mg/Kg	✳	06/03/21 07:33	06/03/21 20:12	1

Euofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-58(0-2)-052721D

Lab Sample ID: 500-199832-2

Date Collected: 05/27/21 08:05

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 87.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.099		0.037	0.0098	mg/Kg	☼	06/03/21 07:33	06/03/21 20:12	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	06/03/21 07:33	06/03/21 20:12	1
Naphthalene	0.17		0.037	0.0058	mg/Kg	☼	06/03/21 07:33	06/03/21 20:12	1
Nitrobenzene	<0.037		0.037	0.0094	mg/Kg	☼	06/03/21 07:33	06/03/21 20:12	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.046	mg/Kg	☼	06/03/21 07:33	06/03/21 20:12	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☼	06/03/21 07:33	06/03/21 20:12	1
Pentachlorophenol	<0.76	*	0.76	0.60	mg/Kg	☼	06/03/21 07:33	06/03/21 20:12	1
Phenanthrene	0.34		0.037	0.0053	mg/Kg	☼	06/03/21 07:33	06/03/21 20:12	1
Phenol	<0.19		0.19	0.084	mg/Kg	☼	06/03/21 07:33	06/03/21 20:12	1
Pyrene	0.44		0.037	0.0075	mg/Kg	☼	06/03/21 07:33	06/03/21 20:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	85		31 - 143				06/03/21 07:33	06/03/21 20:12	1
2-Fluorobiphenyl	90		43 - 145				06/03/21 07:33	06/03/21 20:12	1
2-Fluorophenol	99		31 - 166				06/03/21 07:33	06/03/21 20:12	1
Nitrobenzene-d5	88		37 - 147				06/03/21 07:33	06/03/21 20:12	1
Phenol-d5	102		30 - 153				06/03/21 07:33	06/03/21 20:12	1
Terphenyl-d14	104		42 - 157				06/03/21 07:33	06/03/21 20:12	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:28	06/04/21 10:46	1
Barium	0.47	J	0.50	0.050	mg/L		06/03/21 18:28	06/04/21 10:46	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:28	06/04/21 10:46	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:28	06/04/21 10:46	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 10:46	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 10:46	1
Copper	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 10:46	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:28	06/04/21 10:46	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/21 18:28	06/04/21 10:46	1
Manganese	0.28		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 10:46	1
Nickel	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 10:46	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:28	06/04/21 10:46	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 10:46	1
Zinc	<0.50		0.50	0.020	mg/L		06/03/21 18:28	06/04/21 10:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.096		0.050	0.010	mg/L		06/03/21 18:31	06/04/21 11:48	1
Barium	0.68		0.50	0.050	mg/L		06/03/21 18:31	06/04/21 11:48	1
Beryllium	0.010		0.0040	0.0040	mg/L		06/03/21 18:31	06/04/21 11:48	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:31	06/04/21 11:48	1
Chromium	0.18		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:48	1
Cobalt	0.064		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:48	1
Copper	0.24		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:48	1
Iron	210		0.40	0.20	mg/L		06/03/21 18:31	06/04/21 11:48	1
Lead	0.14		0.0075	0.0075	mg/L		06/03/21 18:31	06/04/21 11:48	1
Manganese	0.89		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:48	1
Nickel	0.24		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:48	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:31	06/04/21 11:48	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-58(0-2)-052721D

Lab Sample ID: 500-199832-2

Date Collected: 05/27/21 08:05

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 87.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:48	1
Zinc	0.57		0.50	0.020	mg/L		06/03/21 18:31	06/04/21 11:48	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.70	J	1.1	0.21	mg/Kg	⊛	06/02/21 17:31	06/03/21 17:08	1
Arsenic	5.8		0.54	0.19	mg/Kg	⊛	06/02/21 17:31	06/03/21 17:08	1
Barium	67		0.54	0.062	mg/Kg	⊛	06/02/21 17:31	06/03/21 17:08	1
Beryllium	0.57		0.22	0.051	mg/Kg	⊛	06/02/21 17:31	06/03/21 17:08	1
Cadmium	0.44		0.11	0.020	mg/Kg	⊛	06/02/21 17:31	06/03/21 17:08	1
Calcium	97000	B	54	9.2	mg/Kg	⊛	06/02/21 17:31	06/04/21 17:27	5
Chromium	20		0.54	0.27	mg/Kg	⊛	06/02/21 17:31	06/03/21 17:08	1
Cobalt	9.5		0.27	0.071	mg/Kg	⊛	06/02/21 17:31	06/03/21 17:08	1
Copper	27		0.54	0.15	mg/Kg	⊛	06/02/21 17:31	06/03/21 17:08	1
Iron	20000		54	28	mg/Kg	⊛	06/02/21 17:31	06/04/21 17:27	5
Lead	53		0.27	0.13	mg/Kg	⊛	06/02/21 17:31	06/03/21 17:08	1
Magnesium	57000	B	27	13	mg/Kg	⊛	06/02/21 17:31	06/04/21 17:27	5
Manganese	410		0.54	0.079	mg/Kg	⊛	06/02/21 17:31	06/03/21 17:08	1
Nickel	25		0.54	0.16	mg/Kg	⊛	06/02/21 17:31	06/04/21 17:23	1
Potassium	1400		27	9.6	mg/Kg	⊛	06/02/21 17:31	06/03/21 17:08	1
Selenium	0.43	J	0.54	0.32	mg/Kg	⊛	06/02/21 17:31	06/03/21 17:08	1
Silver	0.31		0.27	0.070	mg/Kg	⊛	06/02/21 17:31	06/03/21 17:08	1
Sodium	1200		54	8.0	mg/Kg	⊛	06/02/21 17:31	06/03/21 17:08	1
Thallium	<0.54		0.54	0.27	mg/Kg	⊛	06/02/21 17:31	06/03/21 17:08	1
Vanadium	19		0.27	0.064	mg/Kg	⊛	06/02/21 17:31	06/03/21 17:08	1
Zinc	120		1.1	0.48	mg/Kg	⊛	06/02/21 17:31	06/04/21 17:23	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/21 13:05	06/04/21 11:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 10:55	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.024		0.019	0.0062	mg/Kg	⊛	06/03/21 14:00	06/04/21 07:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.8		0.2	0.2	SU			06/03/21 13:54	1

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-56(0-2)-052721

Lab Sample ID: 500-199832-3

Date Collected: 05/27/21 08:25

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 91.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.021		0.021	0.0093	mg/Kg	☼	05/28/21 17:40	06/02/21 12:20	1
Benzene	<0.0021		0.0021	0.00055	mg/Kg	☼	05/28/21 17:40	06/02/21 12:20	1
Bromodichloromethane	<0.0021		0.0021	0.00044	mg/Kg	☼	05/28/21 17:40	06/02/21 12:20	1
Bromoform	<0.0021		0.0021	0.00062	mg/Kg	☼	05/28/21 17:40	06/02/21 12:20	1
Bromomethane	<0.0054		0.0054	0.0020	mg/Kg	☼	05/28/21 17:40	06/02/21 12:20	1
Carbon disulfide	<0.0054		0.0054	0.0011	mg/Kg	☼	05/28/21 17:40	06/02/21 12:20	1
Carbon tetrachloride	<0.0021		0.0021	0.00062	mg/Kg	☼	05/28/21 17:40	06/02/21 12:20	1
Chlorobenzene	<0.0021		0.0021	0.00079	mg/Kg	☼	05/28/21 17:40	06/02/21 12:20	1
Chloroethane	<0.0054		0.0054	0.0016	mg/Kg	☼	05/28/21 17:40	06/02/21 12:20	1
Chloroform	<0.0021		0.0021	0.00074	mg/Kg	☼	05/28/21 17:40	06/02/21 12:20	1
Chloromethane	<0.0054		0.0054	0.0022	mg/Kg	☼	05/28/21 17:40	06/02/21 12:20	1
cis-1,2-Dichloroethene	<0.0021		0.0021	0.00060	mg/Kg	☼	05/28/21 17:40	06/02/21 12:20	1
cis-1,3-Dichloropropene	<0.0021		0.0021	0.00065	mg/Kg	☼	05/28/21 17:40	06/02/21 12:20	1
Dibromochloromethane	<0.0021		0.0021	0.00070	mg/Kg	☼	05/28/21 17:40	06/02/21 12:20	1
1,1-Dichloroethane	<0.0021		0.0021	0.00073	mg/Kg	☼	05/28/21 17:40	06/02/21 12:20	1
1,2-Dichloroethane	<0.0054		0.0054	0.0017	mg/Kg	☼	05/28/21 17:40	06/02/21 12:20	1
1,1-Dichloroethene	<0.0021		0.0021	0.00074	mg/Kg	☼	05/28/21 17:40	06/02/21 12:20	1
1,2-Dichloropropane	<0.0021		0.0021	0.00055	mg/Kg	☼	05/28/21 17:40	06/02/21 12:20	1
1,3-Dichloropropane, Total	<0.0021		0.0021	0.00075	mg/Kg	☼	05/28/21 17:40	06/02/21 12:20	1
Ethylbenzene	<0.0021		0.0021	0.0010	mg/Kg	☼	05/28/21 17:40	06/02/21 12:20	1
2-Hexanone	<0.0054		0.0054	0.0017	mg/Kg	☼	05/28/21 17:40	06/02/21 12:20	1
Methylene Chloride	<0.0054		0.0054	0.0021	mg/Kg	☼	05/28/21 17:40	06/02/21 12:20	1
Methyl Ethyl Ketone	<0.0054		0.0054	0.0024	mg/Kg	☼	05/28/21 17:40	06/02/21 12:20	1
methyl isobutyl ketone	<0.0054		0.0054	0.0016	mg/Kg	☼	05/28/21 17:40	06/02/21 12:20	1
Methyl tert-butyl ether	<0.0021		0.0021	0.00063	mg/Kg	☼	05/28/21 17:40	06/02/21 12:20	1
Styrene	<0.0021		0.0021	0.00065	mg/Kg	☼	05/28/21 17:40	06/02/21 12:20	1
1,1,2,2-Tetrachloroethane	<0.0021		0.0021	0.00068	mg/Kg	☼	05/28/21 17:40	06/02/21 12:20	1
Tetrachloroethene	<0.0021		0.0021	0.00073	mg/Kg	☼	05/28/21 17:40	06/02/21 12:20	1
Toluene	<0.0021		0.0021	0.00054	mg/Kg	☼	05/28/21 17:40	06/02/21 12:20	1
trans-1,2-Dichloroethene	<0.0021		0.0021	0.00095	mg/Kg	☼	05/28/21 17:40	06/02/21 12:20	1
trans-1,3-Dichloropropene	<0.0021		0.0021	0.00075	mg/Kg	☼	05/28/21 17:40	06/02/21 12:20	1
1,1,1-Trichloroethane	<0.0021		0.0021	0.00072	mg/Kg	☼	05/28/21 17:40	06/02/21 12:20	1
1,1,2-Trichloroethane	<0.0021		0.0021	0.00092	mg/Kg	☼	05/28/21 17:40	06/02/21 12:20	1
Trichloroethene	<0.0021		0.0021	0.00072	mg/Kg	☼	05/28/21 17:40	06/02/21 12:20	1
Vinyl chloride	<0.0021		0.0021	0.00095	mg/Kg	☼	05/28/21 17:40	06/02/21 12:20	1
Xylenes, Total	<0.0043		0.0043	0.00068	mg/Kg	☼	05/28/21 17:40	06/02/21 12:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		75 - 131	05/28/21 17:40	06/02/21 12:20	1
Dibromofluoromethane	100		75 - 126	05/28/21 17:40	06/02/21 12:20	1
1,2-Dichloroethane-d4 (Surr)	106		70 - 134	05/28/21 17:40	06/02/21 12:20	1
Toluene-d8 (Surr)	108		75 - 124	05/28/21 17:40	06/02/21 12:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.039	mg/Kg	☼	06/03/21 07:33	06/04/21 01:54	1
1,2-Dichlorobenzene	<0.18		0.18	0.043	mg/Kg	☼	06/03/21 07:33	06/04/21 01:54	1
1,3-Dichlorobenzene	<0.18		0.18	0.041	mg/Kg	☼	06/03/21 07:33	06/04/21 01:54	1
1,4-Dichlorobenzene	<0.18		0.18	0.046	mg/Kg	☼	06/03/21 07:33	06/04/21 01:54	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.042	mg/Kg	☼	06/03/21 07:33	06/04/21 01:54	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-56(0-2)-052721

Lab Sample ID: 500-199832-3

Date Collected: 05/27/21 08:25

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 91.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.36		0.36	0.082	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
2,4,6-Trichlorophenol	<0.36		0.36	0.12	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
2,4-Dichlorophenol	<0.36		0.36	0.086	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
2,4-Dimethylphenol	<0.36		0.36	0.14	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
2,4-Dinitrophenol	<0.73		0.73	0.63	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
2,4-Dinitrotoluene	<0.18		0.18	0.057	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
2,6-Dinitrotoluene	<0.18		0.18	0.071	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
2-Chloronaphthalene	<0.18		0.18	0.040	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
2-Chlorophenol	<0.18	*+	0.18	0.062	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
2-Methylnaphthalene	0.039	J	0.073	0.0066	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
2-Methylphenol	<0.18		0.18	0.058	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
2-Nitroaniline	<0.18		0.18	0.049	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
2-Nitrophenol	<0.36		0.36	0.085	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
3 & 4 Methylphenol	<0.18		0.18	0.060	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
3,3'-Dichlorobenzidine	<0.18	*3	0.18	0.050	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
3-Nitroaniline	<0.36		0.36	0.11	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
4,6-Dinitro-2-methylphenol	<0.73		0.73	0.29	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.048	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
4-Chloro-3-methylphenol	<0.36		0.36	0.12	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
4-Chloroaniline	<0.73		0.73	0.17	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.042	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
4-Nitroaniline	<0.36		0.36	0.15	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
4-Nitrophenol	<0.73		0.73	0.34	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
Acenaphthene	0.074		0.036	0.0065	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
Acenaphthylene	0.019	J	0.036	0.0048	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
Anthracene	0.20		0.036	0.0060	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
Benzo[a]anthracene	0.55	*3	0.036	0.0049	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
Benzo[a]pyrene	0.61	*3	0.036	0.0070	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
Benzo[b]fluoranthene	1.0	*3	0.036	0.0078	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
Benzo[g,h,i]perylene	0.39	*3	0.036	0.012	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
Benzo[k]fluoranthene	0.38	*3	0.036	0.011	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.037	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
Bis(2-chloroethyl)ether	<0.18	*+	0.18	0.054	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
Bis(2-ethylhexyl) phthalate	0.46	*3	0.18	0.066	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
Butyl benzyl phthalate	1.3	*3	0.18	0.069	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
Carbazole	0.15	J	0.18	0.090	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
Chrysene	0.66	*3	0.036	0.0098	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
Dibenz(a,h)anthracene	0.089	*3	0.036	0.0070	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
Dibenzofuran	0.063	J	0.18	0.042	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
Diethyl phthalate	<0.18		0.18	0.061	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
Dimethyl phthalate	<0.18		0.18	0.047	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
Di-n-butyl phthalate	<0.18		0.18	0.055	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
Di-n-octyl phthalate	<0.18		0.18	0.059	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
Fluoranthene	0.75		0.036	0.0067	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
Fluorene	0.087		0.036	0.0051	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
Hexachlorobenzene	<0.073		0.073	0.0084	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
Hexachlorobutadiene	<0.18		0.18	0.057	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
Hexachlorocyclopentadiene	<0.73		0.73	0.21	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1
Hexachloroethane	<0.18		0.18	0.055	mg/Kg	✳	06/03/21 07:33	06/04/21 01:54	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-56(0-2)-052721

Lab Sample ID: 500-199832-3

Date Collected: 05/27/21 08:25

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 91.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.40	*3	0.036	0.0093	mg/Kg	☼	06/03/21 07:33	06/04/21 01:54	1
Isophorone	<0.18		0.18	0.040	mg/Kg	☼	06/03/21 07:33	06/04/21 01:54	1
Naphthalene	0.072		0.036	0.0055	mg/Kg	☼	06/03/21 07:33	06/04/21 01:54	1
Nitrobenzene	<0.036		0.036	0.0090	mg/Kg	☼	06/03/21 07:33	06/04/21 01:54	1
N-Nitrosodi-n-propylamine	<0.073		0.073	0.044	mg/Kg	☼	06/03/21 07:33	06/04/21 01:54	1
N-Nitrosodiphenylamine	<0.18		0.18	0.043	mg/Kg	☼	06/03/21 07:33	06/04/21 01:54	1
Pentachlorophenol	<0.73	*-	0.73	0.58	mg/Kg	☼	06/03/21 07:33	06/04/21 01:54	1
Phenanthrene	0.86		0.036	0.0050	mg/Kg	☼	06/03/21 07:33	06/04/21 01:54	1
Phenol	<0.18		0.18	0.080	mg/Kg	☼	06/03/21 07:33	06/04/21 01:54	1
Pyrene	1.9	*3	0.036	0.0072	mg/Kg	☼	06/03/21 07:33	06/04/21 01:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	66		31 - 143				06/03/21 07:33	06/04/21 01:54	1
2-Fluorobiphenyl	94		43 - 145				06/03/21 07:33	06/04/21 01:54	1
2-Fluorophenol	103		31 - 166				06/03/21 07:33	06/04/21 01:54	1
Nitrobenzene-d5	90		37 - 147				06/03/21 07:33	06/04/21 01:54	1
Phenol-d5	99		30 - 153				06/03/21 07:33	06/04/21 01:54	1
Terphenyl-d14	201	*3 S1+	42 - 157				06/03/21 07:33	06/04/21 01:54	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:28	06/04/21 10:50	1
Barium	0.47	J	0.50	0.050	mg/L		06/03/21 18:28	06/04/21 10:50	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:28	06/04/21 10:50	1
Cadmium	0.0028	J	0.0050	0.0020	mg/L		06/03/21 18:28	06/04/21 10:50	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 10:50	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 10:50	1
Copper	0.015	J	0.025	0.010	mg/L		06/03/21 18:28	06/04/21 10:50	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:28	06/04/21 10:50	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/21 18:28	06/04/21 10:50	1
Manganese	1.3		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 10:50	1
Nickel	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 10:50	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:28	06/04/21 10:50	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 10:50	1
Zinc	0.50		0.50	0.020	mg/L		06/03/21 18:28	06/04/21 10:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.020	J	0.050	0.010	mg/L		06/03/21 18:31	06/04/21 11:51	1
Barium	0.19	J	0.50	0.050	mg/L		06/03/21 18:31	06/04/21 11:51	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:31	06/04/21 11:51	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:31	06/04/21 11:51	1
Chromium	0.048		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:51	1
Cobalt	0.016	J	0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:51	1
Copper	0.074		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:51	1
Iron	49		0.40	0.20	mg/L		06/03/21 18:31	06/04/21 11:51	1
Lead	0.082		0.0075	0.0075	mg/L		06/03/21 18:31	06/04/21 11:51	1
Manganese	0.40		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:51	1
Nickel	0.051		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:51	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:31	06/04/21 11:51	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-56(0-2)-052721

Lab Sample ID: 500-199832-3

Date Collected: 05/27/21 08:25

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 91.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:51	1
Zinc	0.32	J	0.50	0.020	mg/L		06/03/21 18:31	06/04/21 11:51	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.1		1.0	0.20	mg/Kg	☆	06/02/21 17:31	06/03/21 17:12	1
Arsenic	3.3		0.52	0.18	mg/Kg	☆	06/02/21 17:31	06/03/21 17:12	1
Barium	58		0.52	0.059	mg/Kg	☆	06/02/21 17:31	06/03/21 17:12	1
Beryllium	0.40		0.21	0.048	mg/Kg	☆	06/02/21 17:31	06/03/21 17:12	1
Cadmium	0.63		0.10	0.019	mg/Kg	☆	06/02/21 17:31	06/03/21 17:12	1
Calcium	140000	B	52	8.8	mg/Kg	☆	06/02/21 17:31	06/04/21 17:34	5
Chromium	30		0.52	0.26	mg/Kg	☆	06/02/21 17:31	06/03/21 17:12	1
Cobalt	6.2		0.26	0.068	mg/Kg	☆	06/02/21 17:31	06/03/21 17:12	1
Copper	800		0.52	0.15	mg/Kg	☆	06/02/21 17:31	06/04/21 17:31	1
Iron	14000		52	27	mg/Kg	☆	06/02/21 17:31	06/04/21 17:34	5
Lead	190		0.26	0.12	mg/Kg	☆	06/02/21 17:31	06/03/21 17:12	1
Magnesium	83000	B	26	13	mg/Kg	☆	06/02/21 17:31	06/04/21 17:34	5
Manganese	500		0.52	0.075	mg/Kg	☆	06/02/21 17:31	06/03/21 17:12	1
Nickel	19		0.52	0.15	mg/Kg	☆	06/02/21 17:31	06/04/21 17:31	1
Potassium	800		26	9.2	mg/Kg	☆	06/02/21 17:31	06/03/21 17:12	1
Selenium	<0.52		0.52	0.30	mg/Kg	☆	06/02/21 17:31	06/03/21 17:12	1
Silver	0.54		0.26	0.067	mg/Kg	☆	06/02/21 17:31	06/03/21 17:12	1
Sodium	860		52	7.7	mg/Kg	☆	06/02/21 17:31	06/03/21 17:12	1
Thallium	<0.52		0.52	0.26	mg/Kg	☆	06/02/21 17:31	06/03/21 17:12	1
Vanadium	16		0.26	0.061	mg/Kg	☆	06/02/21 17:31	06/03/21 17:12	1
Zinc	310		1.0	0.46	mg/Kg	☆	06/02/21 17:31	06/04/21 17:31	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/21 13:05	06/04/21 11:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 10:57	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.016	J	0.017	0.0055	mg/Kg	☆	06/03/21 14:00	06/04/21 07:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.6		0.2	0.2	SU			06/03/21 13:55	1

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-54(0-2)-052721

Lab Sample ID: 500-199832-4

Date Collected: 05/27/21 08:40

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 95.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.020		0.020	0.0089	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
Benzene	<0.0020		0.0020	0.00052	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
Bromodichloromethane	<0.0020		0.0020	0.00042	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
Bromoform	<0.0020		0.0020	0.00060	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
Bromomethane	<0.0051		0.0051	0.0019	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
Carbon disulfide	<0.0051		0.0051	0.0011	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
Carbon tetrachloride	<0.0020		0.0020	0.00059	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
Chlorobenzene	<0.0020		0.0020	0.00075	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
Chloroethane	<0.0051		0.0051	0.0015	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
Chloroform	<0.0020		0.0020	0.00071	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
Chloromethane	<0.0051		0.0051	0.0021	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00057	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00062	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
Dibromochloromethane	<0.0020		0.0020	0.00067	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
1,1-Dichloroethane	<0.0020		0.0020	0.00070	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
1,2-Dichloroethane	<0.0051		0.0051	0.0016	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
1,1-Dichloroethene	<0.0020		0.0020	0.00070	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
1,2-Dichloropropane	<0.0020		0.0020	0.00053	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
1,3-Dichloropropane, Total	<0.0020		0.0020	0.00072	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
Ethylbenzene	<0.0020		0.0020	0.00098	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
2-Hexanone	<0.0051		0.0051	0.0016	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
Methylene Chloride	<0.0051		0.0051	0.0020	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
Methyl Ethyl Ketone	<0.0051		0.0051	0.0023	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
methyl isobutyl ketone	<0.0051		0.0051	0.0015	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00060	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
Styrene	<0.0020		0.0020	0.00062	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00065	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
Tetrachloroethene	<0.0020		0.0020	0.00069	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
Toluene	<0.0020		0.0020	0.00052	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00090	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00072	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00068	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00088	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
Trichloroethene	<0.0020		0.0020	0.00069	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
Vinyl chloride	<0.0020		0.0020	0.00090	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1
Xylenes, Total	<0.0041		0.0041	0.00065	mg/Kg	☼	05/28/21 17:40	06/02/21 12:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		75 - 131	05/28/21 17:40	06/02/21 12:46	1
Dibromofluoromethane	101		75 - 126	05/28/21 17:40	06/02/21 12:46	1
1,2-Dichloroethane-d4 (Surr)	110		70 - 134	05/28/21 17:40	06/02/21 12:46	1
Toluene-d8 (Surr)	105		75 - 124	05/28/21 17:40	06/02/21 12:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.17		0.17	0.037	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
1,2-Dichlorobenzene	<0.17		0.17	0.041	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
1,3-Dichlorobenzene	<0.17		0.17	0.039	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
1,4-Dichlorobenzene	<0.17		0.17	0.044	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
2,2'-oxybis[1-chloropropane]	<0.17		0.17	0.040	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-54(0-2)-052721

Lab Sample ID: 500-199832-4

Date Collected: 05/27/21 08:40

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 95.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.34		0.34	0.079	mg/Kg	✳	06/03/21 07:33	06/04/21 02:14	1
2,4,6-Trichlorophenol	<0.34		0.34	0.12	mg/Kg	✳	06/03/21 07:33	06/04/21 02:14	1
2,4-Dichlorophenol	<0.34		0.34	0.082	mg/Kg	✳	06/03/21 07:33	06/04/21 02:14	1
2,4-Dimethylphenol	<0.34		0.34	0.13	mg/Kg	✳	06/03/21 07:33	06/04/21 02:14	1
2,4-Dinitrophenol	<0.70		0.70	0.61	mg/Kg	✳	06/03/21 07:33	06/04/21 02:14	1
2,4-Dinitrotoluene	<0.17		0.17	0.055	mg/Kg	✳	06/03/21 07:33	06/04/21 02:14	1
2,6-Dinitrotoluene	<0.17		0.17	0.068	mg/Kg	✳	06/03/21 07:33	06/04/21 02:14	1
2-Chloronaphthalene	<0.17		0.17	0.038	mg/Kg	✳	06/03/21 07:33	06/04/21 02:14	1
2-Chlorophenol	<0.17	*+	0.17	0.059	mg/Kg	✳	06/03/21 07:33	06/04/21 02:14	1
2-Methylnaphthalene	0.044	J	0.070	0.0064	mg/Kg	✳	06/03/21 07:33	06/04/21 02:14	1
2-Methylphenol	<0.17		0.17	0.055	mg/Kg	✳	06/03/21 07:33	06/04/21 02:14	1
2-Nitroaniline	<0.17		0.17	0.046	mg/Kg	✳	06/03/21 07:33	06/04/21 02:14	1
2-Nitrophenol	<0.34		0.34	0.082	mg/Kg	✳	06/03/21 07:33	06/04/21 02:14	1
3 & 4 Methylphenol	<0.17		0.17	0.058	mg/Kg	✳	06/03/21 07:33	06/04/21 02:14	1
3,3'-Dichlorobenzidine	<0.17	*3	0.17	0.048	mg/Kg	✳	06/03/21 07:33	06/04/21 02:14	1
3-Nitroaniline	<0.34		0.34	0.11	mg/Kg	✳	06/03/21 07:33	06/04/21 02:14	1
4,6-Dinitro-2-methylphenol	<0.70		0.70	0.28	mg/Kg	✳	06/03/21 07:33	06/04/21 02:14	1
4-Bromophenyl phenyl ether	<0.17		0.17	0.046	mg/Kg	✳	06/03/21 07:33	06/04/21 02:14	1
4-Chloro-3-methylphenol	<0.34		0.34	0.12	mg/Kg	✳	06/03/21 07:33	06/04/21 02:14	1
4-Chloroaniline	<0.70		0.70	0.16	mg/Kg	✳	06/03/21 07:33	06/04/21 02:14	1
4-Chlorophenyl phenyl ether	<0.17		0.17	0.040	mg/Kg	✳	06/03/21 07:33	06/04/21 02:14	1
4-Nitroaniline	<0.34		0.34	0.14	mg/Kg	✳	06/03/21 07:33	06/04/21 02:14	1
4-Nitrophenol	<0.70		0.70	0.33	mg/Kg	✳	06/03/21 07:33	06/04/21 02:14	1
Acenaphthene	0.085		0.034	0.0062	mg/Kg	✳	06/03/21 07:33	06/04/21 02:14	1
Acenaphthylene	0.038		0.034	0.0046	mg/Kg	✳	06/03/21 07:33	06/04/21 02:14	1
Anthracene	0.34		0.034	0.0058	mg/Kg	✳	06/03/21 07:33	06/04/21 02:14	1
Benzo[a]anthracene	1.5	*3	0.034	0.0046	mg/Kg	✳	06/03/21 07:33	06/04/21 02:14	1
Benzo[a]pyrene	1.5	*3	0.034	0.0067	mg/Kg	✳	06/03/21 07:33	06/04/21 02:14	1
Benzo[b]fluoranthene	1.6	*3	0.034	0.0075	mg/Kg	✳	06/03/21 07:33	06/04/21 02:14	1
Benzo[g,h,i]perylene	0.80	*3	0.034	0.011	mg/Kg	✳	06/03/21 07:33	06/04/21 02:14	1
Benzo[k]fluoranthene	1.5	*3	0.034	0.010	mg/Kg	✳	06/03/21 07:33	06/04/21 02:14	1
Bis(2-chloroethoxy)methane	<0.17		0.17	0.035	mg/Kg	✳	06/03/21 07:33	06/04/21 02:14	1
Bis(2-chloroethyl)ether	<0.17	*+	0.17	0.052	mg/Kg	✳	06/03/21 07:33	06/04/21 02:14	1
Butyl benzyl phthalate	0.13	J *3	0.17	0.066	mg/Kg	✳	06/03/21 07:33	06/04/21 02:14	1
Carbazole	0.14	J	0.17	0.086	mg/Kg	✳	06/03/21 07:33	06/04/21 02:14	1
Chrysene	1.5	*3	0.034	0.0094	mg/Kg	✳	06/03/21 07:33	06/04/21 02:14	1
Dibenz(a,h)anthracene	0.17	*3	0.034	0.0067	mg/Kg	✳	06/03/21 07:33	06/04/21 02:14	1
Dibenzofuran	0.056	J	0.17	0.040	mg/Kg	✳	06/03/21 07:33	06/04/21 02:14	1
Diethyl phthalate	<0.17		0.17	0.059	mg/Kg	✳	06/03/21 07:33	06/04/21 02:14	1
Dimethyl phthalate	<0.17		0.17	0.045	mg/Kg	✳	06/03/21 07:33	06/04/21 02:14	1
Di-n-butyl phthalate	<0.17		0.17	0.053	mg/Kg	✳	06/03/21 07:33	06/04/21 02:14	1
Di-n-octyl phthalate	<0.17		0.17	0.056	mg/Kg	✳	06/03/21 07:33	06/04/21 02:14	1
Fluoranthene	1.7		0.034	0.0064	mg/Kg	✳	06/03/21 07:33	06/04/21 02:14	1
Fluorene	0.082		0.034	0.0049	mg/Kg	✳	06/03/21 07:33	06/04/21 02:14	1
Hexachlorobenzene	<0.070		0.070	0.0080	mg/Kg	✳	06/03/21 07:33	06/04/21 02:14	1
Hexachlorobutadiene	<0.17		0.17	0.054	mg/Kg	✳	06/03/21 07:33	06/04/21 02:14	1
Hexachlorocyclopentadiene	<0.70		0.70	0.20	mg/Kg	✳	06/03/21 07:33	06/04/21 02:14	1
Hexachloroethane	<0.17		0.17	0.053	mg/Kg	✳	06/03/21 07:33	06/04/21 02:14	1
Indeno[1,2,3-cd]pyrene	0.83	*3	0.034	0.0090	mg/Kg	✳	06/03/21 07:33	06/04/21 02:14	1

Euofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-54(0-2)-052721

Lab Sample ID: 500-199832-4

Date Collected: 05/27/21 08:40

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 95.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isophorone	<0.17		0.17	0.039	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
Naphthalene	0.10		0.034	0.0053	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
Nitrobenzene	<0.034		0.034	0.0086	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
N-Nitrosodi-n-propylamine	<0.070		0.070	0.042	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
N-Nitrosodiphenylamine	<0.17		0.17	0.041	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
Pentachlorophenol	<0.70	*	0.70	0.55	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
Phenanthrene	1.3		0.034	0.0048	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1
Phenol	<0.17		0.17	0.077	mg/Kg	☼	06/03/21 07:33	06/04/21 02:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	63		31 - 143	06/03/21 07:33	06/04/21 02:14	1
2-Fluorobiphenyl	91		43 - 145	06/03/21 07:33	06/04/21 02:14	1
2-Fluorophenol	96		31 - 166	06/03/21 07:33	06/04/21 02:14	1
Nitrobenzene-d5	84		37 - 147	06/03/21 07:33	06/04/21 02:14	1
Phenol-d5	92		30 - 153	06/03/21 07:33	06/04/21 02:14	1
Terphenyl-d14	194	*3 S1+	42 - 157	06/03/21 07:33	06/04/21 02:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	1.2		0.69	0.25	mg/Kg	☼	06/03/21 07:33	06/04/21 15:49	4
Pyrene	2.5		0.14	0.027	mg/Kg	☼	06/03/21 07:33	06/04/21 15:49	4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	75		31 - 143	06/03/21 07:33	06/04/21 15:49	4
2-Fluorobiphenyl	74		43 - 145	06/03/21 07:33	06/04/21 15:49	4
2-Fluorophenol	66		31 - 166	06/03/21 07:33	06/04/21 15:49	4
Nitrobenzene-d5	63		37 - 147	06/03/21 07:33	06/04/21 15:49	4
Phenol-d5	68		30 - 153	06/03/21 07:33	06/04/21 15:49	4
Terphenyl-d14	94		42 - 157	06/03/21 07:33	06/04/21 15:49	4

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:28	06/04/21 10:54	1
Barium	0.51		0.50	0.050	mg/L		06/03/21 18:28	06/04/21 10:54	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:28	06/04/21 10:54	1
Cadmium	0.0040	J	0.0050	0.0020	mg/L		06/03/21 18:28	06/04/21 10:54	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 10:54	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 10:54	1
Copper	0.020	J	0.025	0.010	mg/L		06/03/21 18:28	06/04/21 10:54	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:28	06/04/21 10:54	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/21 18:28	06/04/21 10:54	1
Manganese	1.6		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 10:54	1
Nickel	0.030		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 10:54	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:28	06/04/21 10:54	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 10:54	1
Zinc	0.81		0.50	0.020	mg/L		06/03/21 18:28	06/04/21 10:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:31	06/04/21 11:54	1
Barium	0.086	J	0.50	0.050	mg/L		06/03/21 18:31	06/04/21 11:54	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-54(0-2)-052721

Lab Sample ID: 500-199832-4

Date Collected: 05/27/21 08:40

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 95.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:31	06/04/21 11:54	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:31	06/04/21 11:54	1
Chromium	0.019	J	0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:54	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:54	1
Copper	0.049		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:54	1
Iron	10		0.40	0.20	mg/L		06/03/21 18:31	06/04/21 11:54	1
Lead	0.069		0.0075	0.0075	mg/L		06/03/21 18:31	06/04/21 11:54	1
Manganese	0.21		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:54	1
Nickel	0.020	J	0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:54	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:31	06/04/21 11:54	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:54	1
Zinc	0.24	J	0.50	0.020	mg/L		06/03/21 18:31	06/04/21 11:54	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.74	J	0.96	0.19	mg/Kg	✱	06/02/21 17:31	06/03/21 17:15	1
Arsenic	2.5		0.48	0.16	mg/Kg	✱	06/02/21 17:31	06/03/21 17:15	1
Barium	71		0.48	0.055	mg/Kg	✱	06/02/21 17:31	06/03/21 17:15	1
Beryllium	0.38		0.19	0.045	mg/Kg	✱	06/02/21 17:31	06/03/21 17:15	1
Cadmium	0.58		0.096	0.017	mg/Kg	✱	06/02/21 17:31	06/03/21 17:15	1
Calcium	170000	B	96	16	mg/Kg	✱	06/02/21 17:31	06/07/21 12:41	10
Chromium	32		0.48	0.24	mg/Kg	✱	06/02/21 17:31	06/03/21 17:15	1
Cobalt	3.4		0.24	0.063	mg/Kg	✱	06/02/21 17:31	06/03/21 17:15	1
Copper	36		0.48	0.13	mg/Kg	✱	06/02/21 17:31	06/03/21 17:15	1
Iron	14000		48	25	mg/Kg	✱	06/02/21 17:31	06/04/21 17:42	5
Lead	70		0.24	0.11	mg/Kg	✱	06/02/21 17:31	06/03/21 17:15	1
Magnesium	88000	B	24	12	mg/Kg	✱	06/02/21 17:31	06/04/21 17:42	5
Manganese	470		0.48	0.070	mg/Kg	✱	06/02/21 17:31	06/03/21 17:15	1
Nickel	20		0.48	0.14	mg/Kg	✱	06/02/21 17:31	06/04/21 17:38	1
Potassium	650		24	8.5	mg/Kg	✱	06/02/21 17:31	06/03/21 17:15	1
Selenium	<0.48		0.48	0.28	mg/Kg	✱	06/02/21 17:31	06/03/21 17:15	1
Silver	0.23	J	0.24	0.062	mg/Kg	✱	06/02/21 17:31	06/03/21 17:15	1
Sodium	740		48	7.1	mg/Kg	✱	06/02/21 17:31	06/03/21 17:15	1
Thallium	<2.4		2.4	1.2	mg/Kg	✱	06/02/21 17:31	06/04/21 17:42	5
Vanadium	20		0.24	0.057	mg/Kg	✱	06/02/21 17:31	06/03/21 17:15	1
Zinc	180		0.96	0.42	mg/Kg	✱	06/02/21 17:31	06/04/21 17:38	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/21 13:05	06/04/21 11:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 10:59	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.014	J	0.017	0.0056	mg/Kg	✱	06/03/21 14:00	06/04/21 07:33	1

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-54(0-2)-052721

Lab Sample ID: 500-199832-4

Date Collected: 05/27/21 08:40

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 95.7

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.6		0.2	0.2	SU			06/03/21 13:56	1

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-52(0-2)-052721

Lab Sample ID: 500-199832-5

Date Collected: 05/27/21 09:00

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 91.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.021		0.021	0.0091	mg/Kg	✳	05/28/21 17:40	06/02/21 13:12	1
Benzene	<0.0021		0.0021	0.00053	mg/Kg	✳	05/28/21 17:40	06/02/21 13:12	1
Bromodichloromethane	<0.0021		0.0021	0.00042	mg/Kg	✳	05/28/21 17:40	06/02/21 13:12	1
Bromoform	<0.0021		0.0021	0.00061	mg/Kg	✳	05/28/21 17:40	06/02/21 13:12	1
Bromomethane	<0.0052		0.0052	0.0020	mg/Kg	✳	05/28/21 17:40	06/02/21 13:12	1
Carbon disulfide	<0.0052		0.0052	0.0011	mg/Kg	✳	05/28/21 17:40	06/02/21 13:12	1
Carbon tetrachloride	<0.0021		0.0021	0.00060	mg/Kg	✳	05/28/21 17:40	06/02/21 13:12	1
Chlorobenzene	<0.0021		0.0021	0.00077	mg/Kg	✳	05/28/21 17:40	06/02/21 13:12	1
Chloroethane	<0.0052		0.0052	0.0015	mg/Kg	✳	05/28/21 17:40	06/02/21 13:12	1
Chloroform	<0.0021		0.0021	0.00072	mg/Kg	✳	05/28/21 17:40	06/02/21 13:12	1
Chloromethane	<0.0052		0.0052	0.0021	mg/Kg	✳	05/28/21 17:40	06/02/21 13:12	1
cis-1,2-Dichloroethene	<0.0021		0.0021	0.00058	mg/Kg	✳	05/28/21 17:40	06/02/21 13:12	1
cis-1,3-Dichloropropene	<0.0021		0.0021	0.00063	mg/Kg	✳	05/28/21 17:40	06/02/21 13:12	1
Dibromochloromethane	<0.0021		0.0021	0.00068	mg/Kg	✳	05/28/21 17:40	06/02/21 13:12	1
1,1-Dichloroethane	<0.0021		0.0021	0.00071	mg/Kg	✳	05/28/21 17:40	06/02/21 13:12	1
1,2-Dichloroethane	<0.0052		0.0052	0.0016	mg/Kg	✳	05/28/21 17:40	06/02/21 13:12	1
1,1-Dichloroethene	<0.0021		0.0021	0.00072	mg/Kg	✳	05/28/21 17:40	06/02/21 13:12	1
1,2-Dichloropropane	<0.0021		0.0021	0.00054	mg/Kg	✳	05/28/21 17:40	06/02/21 13:12	1
1,3-Dichloropropene, Total	<0.0021		0.0021	0.00073	mg/Kg	✳	05/28/21 17:40	06/02/21 13:12	1
Ethylbenzene	<0.0021		0.0021	0.0010	mg/Kg	✳	05/28/21 17:40	06/02/21 13:12	1
2-Hexanone	<0.0052		0.0052	0.0016	mg/Kg	✳	05/28/21 17:40	06/02/21 13:12	1
Methylene Chloride	<0.0052		0.0052	0.0021	mg/Kg	✳	05/28/21 17:40	06/02/21 13:12	1
Methyl Ethyl Ketone	<0.0052		0.0052	0.0023	mg/Kg	✳	05/28/21 17:40	06/02/21 13:12	1
methyl isobutyl ketone	<0.0052		0.0052	0.0015	mg/Kg	✳	05/28/21 17:40	06/02/21 13:12	1
Methyl tert-butyl ether	<0.0021		0.0021	0.00061	mg/Kg	✳	05/28/21 17:40	06/02/21 13:12	1
Styrene	<0.0021		0.0021	0.00063	mg/Kg	✳	05/28/21 17:40	06/02/21 13:12	1
1,1,2,2-Tetrachloroethane	<0.0021		0.0021	0.00067	mg/Kg	✳	05/28/21 17:40	06/02/21 13:12	1
Tetrachloroethene	<0.0021		0.0021	0.00071	mg/Kg	✳	05/28/21 17:40	06/02/21 13:12	1
Toluene	<0.0021		0.0021	0.00053	mg/Kg	✳	05/28/21 17:40	06/02/21 13:12	1
trans-1,2-Dichloroethene	<0.0021		0.0021	0.00092	mg/Kg	✳	05/28/21 17:40	06/02/21 13:12	1
trans-1,3-Dichloropropene	<0.0021		0.0021	0.00073	mg/Kg	✳	05/28/21 17:40	06/02/21 13:12	1
1,1,1-Trichloroethane	<0.0021		0.0021	0.00070	mg/Kg	✳	05/28/21 17:40	06/02/21 13:12	1
1,1,2-Trichloroethane	<0.0021		0.0021	0.00089	mg/Kg	✳	05/28/21 17:40	06/02/21 13:12	1
Trichloroethene	<0.0021		0.0021	0.00070	mg/Kg	✳	05/28/21 17:40	06/02/21 13:12	1
Vinyl chloride	<0.0021		0.0021	0.00092	mg/Kg	✳	05/28/21 17:40	06/02/21 13:12	1
Xylenes, Total	<0.0042		0.0042	0.00067	mg/Kg	✳	05/28/21 17:40	06/02/21 13:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		75 - 131	05/28/21 17:40	06/02/21 13:12	1
Dibromofluoromethane	103		75 - 126	05/28/21 17:40	06/02/21 13:12	1
1,2-Dichloroethane-d4 (Surr)	116		70 - 134	05/28/21 17:40	06/02/21 13:12	1
Toluene-d8 (Surr)	105		75 - 124	05/28/21 17:40	06/02/21 13:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.038	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
1,2-Dichlorobenzene	<0.18		0.18	0.043	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
1,3-Dichlorobenzene	<0.18		0.18	0.040	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
1,4-Dichlorobenzene	<0.18		0.18	0.046	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.041	mg/Kg	✳	06/03/21 07:33	06/04/21 01:34	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-52(0-2)-052721

Lab Sample ID: 500-199832-5

Date Collected: 05/27/21 09:00

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 91.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.35		0.35	0.081	mg/Kg	☼	06/03/21 07:33	06/04/21 01:34	1
2,4,6-Trichlorophenol	<0.35		0.35	0.12	mg/Kg	☼	06/03/21 07:33	06/04/21 01:34	1
2,4-Dichlorophenol	<0.35		0.35	0.085	mg/Kg	☼	06/03/21 07:33	06/04/21 01:34	1
2,4-Dimethylphenol	<0.35		0.35	0.14	mg/Kg	☼	06/03/21 07:33	06/04/21 01:34	1
2,4-Dinitrophenol	<0.72		0.72	0.63	mg/Kg	☼	06/03/21 07:33	06/04/21 01:34	1
2,4-Dinitrotoluene	<0.18		0.18	0.057	mg/Kg	☼	06/03/21 07:33	06/04/21 01:34	1
2,6-Dinitrotoluene	<0.18		0.18	0.070	mg/Kg	☼	06/03/21 07:33	06/04/21 01:34	1
2-Chloronaphthalene	<0.18		0.18	0.039	mg/Kg	☼	06/03/21 07:33	06/04/21 01:34	1
2-Chlorophenol	<0.18	*+	0.18	0.061	mg/Kg	☼	06/03/21 07:33	06/04/21 01:34	1
2-Methylnaphthalene	0.022	J	0.072	0.0066	mg/Kg	☼	06/03/21 07:33	06/04/21 01:34	1
2-Methylphenol	<0.18		0.18	0.057	mg/Kg	☼	06/03/21 07:33	06/04/21 01:34	1
2-Nitroaniline	<0.18		0.18	0.048	mg/Kg	☼	06/03/21 07:33	06/04/21 01:34	1
2-Nitrophenol	<0.35		0.35	0.084	mg/Kg	☼	06/03/21 07:33	06/04/21 01:34	1
3 & 4 Methylphenol	<0.18		0.18	0.060	mg/Kg	☼	06/03/21 07:33	06/04/21 01:34	1
3,3'-Dichlorobenzidine	<0.18	*3	0.18	0.050	mg/Kg	☼	06/03/21 07:33	06/04/21 01:34	1
3-Nitroaniline	<0.35		0.35	0.11	mg/Kg	☼	06/03/21 07:33	06/04/21 01:34	1
4,6-Dinitro-2-methylphenol	<0.72		0.72	0.29	mg/Kg	☼	06/03/21 07:33	06/04/21 01:34	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.047	mg/Kg	☼	06/03/21 07:33	06/04/21 01:34	1
4-Chloro-3-methylphenol	<0.35		0.35	0.12	mg/Kg	☼	06/03/21 07:33	06/04/21 01:34	1
4-Chloroaniline	<0.72		0.72	0.17	mg/Kg	☼	06/03/21 07:33	06/04/21 01:34	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.042	mg/Kg	☼	06/03/21 07:33	06/04/21 01:34	1
4-Nitroaniline	<0.35		0.35	0.15	mg/Kg	☼	06/03/21 07:33	06/04/21 01:34	1
4-Nitrophenol	<0.72		0.72	0.34	mg/Kg	☼	06/03/21 07:33	06/04/21 01:34	1
Acenaphthene	0.071		0.035	0.0064	mg/Kg	☼	06/03/21 07:33	06/04/21 01:34	1
Acenaphthylene	0.031	J	0.035	0.0047	mg/Kg	☼	06/03/21 07:33	06/04/21 01:34	1
Anthracene	0.15		0.035	0.0060	mg/Kg	☼	06/03/21 07:33	06/04/21 01:34	1
Benzo[a]anthracene	0.69	*3	0.035	0.0048	mg/Kg	☼	06/03/21 07:33	06/04/21 01:34	1
Benzo[a]pyrene	0.77	*3	0.035	0.0069	mg/Kg	☼	06/03/21 07:33	06/04/21 01:34	1
Benzo[b]fluoranthene	1.3	*3	0.035	0.0077	mg/Kg	☼	06/03/21 07:33	06/04/21 01:34	1
Benzo[g,h,i]perylene	0.52	*3	0.035	0.011	mg/Kg	☼	06/03/21 07:33	06/04/21 01:34	1
Benzo[k]fluoranthene	0.53	*3	0.035	0.011	mg/Kg	☼	06/03/21 07:33	06/04/21 01:34	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.036	mg/Kg	☼	06/03/21 07:33	06/04/21 01:34	1
Bis(2-chloroethyl)ether	<0.18	*+	0.18	0.053	mg/Kg	☼	06/03/21 07:33	06/04/21 01:34	1
Bis(2-ethylhexyl) phthalate	0.19	*3	0.18	0.065	mg/Kg	☼	06/03/21 07:33	06/04/21 01:34	1
Butyl benzyl phthalate	0.089	J *3	0.18	0.068	mg/Kg	☼	06/03/21 07:33	06/04/21 01:34	1
Carbazole	0.20		0.18	0.089	mg/Kg	☼	06/03/21 07:33	06/04/21 01:34	1
Chrysene	0.90	*3	0.035	0.0097	mg/Kg	☼	06/03/21 07:33	06/04/21 01:34	1
Dibenz(a,h)anthracene	0.13	*3	0.035	0.0069	mg/Kg	☼	06/03/21 07:33	06/04/21 01:34	1
Dibenzofuran	0.053	J	0.18	0.042	mg/Kg	☼	06/03/21 07:33	06/04/21 01:34	1
Diethyl phthalate	<0.18		0.18	0.060	mg/Kg	☼	06/03/21 07:33	06/04/21 01:34	1
Dimethyl phthalate	<0.18		0.18	0.047	mg/Kg	☼	06/03/21 07:33	06/04/21 01:34	1
Di-n-butyl phthalate	<0.18		0.18	0.054	mg/Kg	☼	06/03/21 07:33	06/04/21 01:34	1
Di-n-octyl phthalate	<0.18		0.18	0.058	mg/Kg	☼	06/03/21 07:33	06/04/21 01:34	1
Fluoranthene	1.2		0.035	0.0066	mg/Kg	☼	06/03/21 07:33	06/04/21 01:34	1
Fluorene	0.070		0.035	0.0050	mg/Kg	☼	06/03/21 07:33	06/04/21 01:34	1
Hexachlorobenzene	<0.072		0.072	0.0083	mg/Kg	☼	06/03/21 07:33	06/04/21 01:34	1
Hexachlorobutadiene	<0.18		0.18	0.056	mg/Kg	☼	06/03/21 07:33	06/04/21 01:34	1
Hexachlorocyclopentadiene	<0.72		0.72	0.21	mg/Kg	☼	06/03/21 07:33	06/04/21 01:34	1
Hexachloroethane	<0.18		0.18	0.054	mg/Kg	☼	06/03/21 07:33	06/04/21 01:34	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-52(0-2)-052721

Lab Sample ID: 500-199832-5

Date Collected: 05/27/21 09:00

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 91.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.43	*3	0.035	0.0092	mg/Kg	☆	06/03/21 07:33	06/04/21 01:34	1
Isophorone	<0.18		0.18	0.040	mg/Kg	☆	06/03/21 07:33	06/04/21 01:34	1
Naphthalene	0.046		0.035	0.0055	mg/Kg	☆	06/03/21 07:33	06/04/21 01:34	1
Nitrobenzene	<0.035		0.035	0.0089	mg/Kg	☆	06/03/21 07:33	06/04/21 01:34	1
N-Nitrosodi-n-propylamine	<0.072		0.072	0.044	mg/Kg	☆	06/03/21 07:33	06/04/21 01:34	1
N-Nitrosodiphenylamine	<0.18		0.18	0.042	mg/Kg	☆	06/03/21 07:33	06/04/21 01:34	1
Pentachlorophenol	<0.72	*-	0.72	0.57	mg/Kg	☆	06/03/21 07:33	06/04/21 01:34	1
Phenanthrene	1.3		0.035	0.0050	mg/Kg	☆	06/03/21 07:33	06/04/21 01:34	1
Phenol	<0.18		0.18	0.079	mg/Kg	☆	06/03/21 07:33	06/04/21 01:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	72		31 - 143				06/03/21 07:33	06/04/21 01:34	1
2-Fluorobiphenyl	94		43 - 145				06/03/21 07:33	06/04/21 01:34	1
2-Fluorophenol	97		31 - 166				06/03/21 07:33	06/04/21 01:34	1
Nitrobenzene-d5	86		37 - 147				06/03/21 07:33	06/04/21 01:34	1
Phenol-d5	97		30 - 153				06/03/21 07:33	06/04/21 01:34	1
Terphenyl-d14	218	*3 S1+	42 - 157				06/03/21 07:33	06/04/21 01:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	1.4		0.071	0.014	mg/Kg	☆	06/03/21 07:33	06/04/21 16:09	2
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	88		31 - 143				06/03/21 07:33	06/04/21 16:09	2
2-Fluorobiphenyl	82		43 - 145				06/03/21 07:33	06/04/21 16:09	2
2-Fluorophenol	64		31 - 166				06/03/21 07:33	06/04/21 16:09	2
Nitrobenzene-d5	65		37 - 147				06/03/21 07:33	06/04/21 16:09	2
Phenol-d5	73		30 - 153				06/03/21 07:33	06/04/21 16:09	2
Terphenyl-d14	98		42 - 157				06/03/21 07:33	06/04/21 16:09	2

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:28	06/04/21 11:01	1
Barium	0.55		0.50	0.050	mg/L		06/03/21 18:28	06/04/21 11:01	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:28	06/04/21 11:01	1
Cadmium	0.0034	J	0.0050	0.0020	mg/L		06/03/21 18:28	06/04/21 11:01	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:01	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:01	1
Copper	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:01	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:28	06/04/21 11:01	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/21 18:28	06/04/21 11:01	1
Manganese	0.87		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:01	1
Nickel	0.011	J	0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:01	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:28	06/04/21 11:01	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:01	1
Zinc	0.33	J	0.50	0.020	mg/L		06/03/21 18:28	06/04/21 11:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.042	J	0.050	0.010	mg/L		06/03/21 18:31	06/04/21 11:57	1
Barium	0.47	J	0.50	0.050	mg/L		06/03/21 18:31	06/04/21 11:57	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-52(0-2)-052721

Lab Sample ID: 500-199832-5

Date Collected: 05/27/21 09:00

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 91.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.0053		0.0040	0.0040	mg/L		06/03/21 18:31	06/04/21 11:57	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:31	06/04/21 11:57	1
Chromium	0.10		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:57	1
Cobalt	0.033		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:57	1
Copper	0.13		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:57	1
Iron	100		0.40	0.20	mg/L		06/03/21 18:31	06/04/21 11:57	1
Lead	0.28		0.0075	0.0075	mg/L		06/03/21 18:31	06/04/21 11:57	1
Manganese	0.60		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:57	1
Nickel	0.10		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:57	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:31	06/04/21 11:57	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 11:57	1
Zinc	0.59		0.50	0.020	mg/L		06/03/21 18:31	06/04/21 11:57	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.1		1.1	0.21	mg/Kg	✱	06/02/21 17:31	06/03/21 17:19	1
Arsenic	5.6		0.54	0.19	mg/Kg	✱	06/02/21 17:31	06/03/21 17:19	1
Barium	120		0.54	0.062	mg/Kg	✱	06/02/21 17:31	06/03/21 17:19	1
Beryllium	0.59		0.22	0.051	mg/Kg	✱	06/02/21 17:31	06/03/21 17:19	1
Cadmium	0.80		0.11	0.020	mg/Kg	✱	06/02/21 17:31	06/03/21 17:19	1
Calcium	94000	B	54	9.2	mg/Kg	✱	06/02/21 17:31	06/04/21 17:57	5
Chromium	28		0.54	0.27	mg/Kg	✱	06/02/21 17:31	06/03/21 17:19	1
Cobalt	8.3		0.27	0.071	mg/Kg	✱	06/02/21 17:31	06/03/21 17:19	1
Copper	35		0.54	0.15	mg/Kg	✱	06/02/21 17:31	06/03/21 17:19	1
Iron	21000		54	28	mg/Kg	✱	06/02/21 17:31	06/04/21 17:57	5
Lead	99		0.27	0.13	mg/Kg	✱	06/02/21 17:31	06/03/21 17:19	1
Magnesium	55000	B	27	13	mg/Kg	✱	06/02/21 17:31	06/04/21 17:57	5
Manganese	470		0.54	0.079	mg/Kg	✱	06/02/21 17:31	06/03/21 17:19	1
Nickel	24		0.54	0.16	mg/Kg	✱	06/02/21 17:31	06/04/21 17:53	1
Potassium	1200		27	9.6	mg/Kg	✱	06/02/21 17:31	06/03/21 17:19	1
Selenium	<0.54		0.54	0.32	mg/Kg	✱	06/02/21 17:31	06/03/21 17:19	1
Silver	0.32		0.27	0.070	mg/Kg	✱	06/02/21 17:31	06/03/21 17:19	1
Sodium	1400		54	8.0	mg/Kg	✱	06/02/21 17:31	06/03/21 17:19	1
Thallium	<0.54		0.54	0.27	mg/Kg	✱	06/02/21 17:31	06/03/21 17:19	1
Vanadium	20		0.27	0.064	mg/Kg	✱	06/02/21 17:31	06/03/21 17:19	1
Zinc	200		1.1	0.48	mg/Kg	✱	06/02/21 17:31	06/04/21 17:53	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/21 13:05	06/04/21 11:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 11:01	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.034		0.018	0.0058	mg/Kg	✱	06/03/21 14:00	06/04/21 07:35	1

Euofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-52(0-2)-052721

Lab Sample ID: 500-199832-5

Date Collected: 05/27/21 09:00

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 91.5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.4		0.2	0.2	SU			06/03/21 13:58	1

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

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-50(0-2)-052721

Lab Sample ID: 500-199832-6

Date Collected: 05/27/21 09:10

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 88.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0071	mg/Kg	✳	05/28/21 17:40	06/02/21 19:08	1
Benzene	<0.0016		0.0016	0.00042	mg/Kg	✳	05/28/21 17:40	06/02/21 19:08	1
Bromodichloromethane	<0.0016		0.0016	0.00033	mg/Kg	✳	05/28/21 17:40	06/02/21 19:08	1
Bromoform	<0.0016		0.0016	0.00048	mg/Kg	✳	05/28/21 17:40	06/02/21 19:08	1
Bromomethane	<0.0041		0.0041	0.0015	mg/Kg	✳	05/28/21 17:40	06/02/21 19:08	1
Carbon disulfide	<0.0041		0.0041	0.00085	mg/Kg	✳	05/28/21 17:40	06/02/21 19:08	1
Carbon tetrachloride	<0.0016		0.0016	0.00047	mg/Kg	✳	05/28/21 17:40	06/02/21 19:08	1
Chlorobenzene	<0.0016		0.0016	0.00060	mg/Kg	✳	05/28/21 17:40	06/02/21 19:08	1
Chloroethane	<0.0041		0.0041	0.0012	mg/Kg	✳	05/28/21 17:40	06/02/21 19:08	1
Chloroform	<0.0016		0.0016	0.00057	mg/Kg	✳	05/28/21 17:40	06/02/21 19:08	1
Chloromethane	<0.0041		0.0041	0.0016	mg/Kg	✳	05/28/21 17:40	06/02/21 19:08	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00046	mg/Kg	✳	05/28/21 17:40	06/02/21 19:08	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00049	mg/Kg	✳	05/28/21 17:40	06/02/21 19:08	1
Dibromochloromethane	<0.0016		0.0016	0.00053	mg/Kg	✳	05/28/21 17:40	06/02/21 19:08	1
1,1-Dichloroethane	<0.0016		0.0016	0.00056	mg/Kg	✳	05/28/21 17:40	06/02/21 19:08	1
1,2-Dichloroethane	<0.0041		0.0041	0.0013	mg/Kg	✳	05/28/21 17:40	06/02/21 19:08	1
1,1-Dichloroethene	<0.0016		0.0016	0.00056	mg/Kg	✳	05/28/21 17:40	06/02/21 19:08	1
1,2-Dichloropropane	<0.0016		0.0016	0.00042	mg/Kg	✳	05/28/21 17:40	06/02/21 19:08	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00057	mg/Kg	✳	05/28/21 17:40	06/02/21 19:08	1
Ethylbenzene	<0.0016		0.0016	0.00078	mg/Kg	✳	05/28/21 17:40	06/02/21 19:08	1
2-Hexanone	<0.0041		0.0041	0.0013	mg/Kg	✳	05/28/21 17:40	06/02/21 19:08	1
Methylene Chloride	<0.0041		0.0041	0.0016	mg/Kg	✳	05/28/21 17:40	06/02/21 19:08	1
Methyl Ethyl Ketone	<0.0041		0.0041	0.0018	mg/Kg	✳	05/28/21 17:40	06/02/21 19:08	1
methyl isobutyl ketone	<0.0041		0.0041	0.0012	mg/Kg	✳	05/28/21 17:40	06/02/21 19:08	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00048	mg/Kg	✳	05/28/21 17:40	06/02/21 19:08	1
Styrene	<0.0016		0.0016	0.00049	mg/Kg	✳	05/28/21 17:40	06/02/21 19:08	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00052	mg/Kg	✳	05/28/21 17:40	06/02/21 19:08	1
Tetrachloroethene	<0.0016		0.0016	0.00056	mg/Kg	✳	05/28/21 17:40	06/02/21 19:08	1
Toluene	<0.0016		0.0016	0.00041	mg/Kg	✳	05/28/21 17:40	06/02/21 19:08	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00072	mg/Kg	✳	05/28/21 17:40	06/02/21 19:08	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00057	mg/Kg	✳	05/28/21 17:40	06/02/21 19:08	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00055	mg/Kg	✳	05/28/21 17:40	06/02/21 19:08	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00070	mg/Kg	✳	05/28/21 17:40	06/02/21 19:08	1
Trichloroethene	<0.0016		0.0016	0.00055	mg/Kg	✳	05/28/21 17:40	06/02/21 19:08	1
Vinyl chloride	<0.0016		0.0016	0.00072	mg/Kg	✳	05/28/21 17:40	06/02/21 19:08	1
Xylenes, Total	<0.0033		0.0033	0.00052	mg/Kg	✳	05/28/21 17:40	06/02/21 19:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		75 - 131	05/28/21 17:40	06/02/21 19:08	1
Dibromofluoromethane	99		75 - 126	05/28/21 17:40	06/02/21 19:08	1
1,2-Dichloroethane-d4 (Surr)	98		70 - 134	05/28/21 17:40	06/02/21 19:08	1
Toluene-d8 (Surr)	94		75 - 124	05/28/21 17:40	06/02/21 19:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
1,2-Dichlorobenzene	<0.19		0.19	0.044	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-50(0-2)-052721

Lab Sample ID: 500-199832-6

Date Collected: 05/27/21 09:10

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 88.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.085	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
2,4-Dichlorophenol	<0.37		0.37	0.088	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
2,4-Dinitrophenol	<0.75		0.75	0.65	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
2,4-Dinitrotoluene	<0.19		0.19	0.059	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
2,6-Dinitrotoluene	<0.19		0.19	0.073	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
2-Chlorophenol	<0.19	*+	0.19	0.063	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
2-Methylnaphthalene	0.046	J	0.075	0.0068	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
2-Nitrophenol	<0.37		0.37	0.088	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
3 & 4 Methylphenol	<0.19		0.19	0.062	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
3,3'-Dichlorobenzidine	<0.19	*3	0.19	0.052	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
3-Nitroaniline	<0.37		0.37	0.11	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.30	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
4-Chloroaniline	<0.75		0.75	0.17	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.043	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
4-Nitrophenol	<0.75		0.75	0.35	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
Acenaphthene	0.11		0.037	0.0067	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
Acenaphthylene	0.062		0.037	0.0049	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
Anthracene	0.34		0.037	0.0062	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
Benzo[a]anthracene	0.86	*3	0.037	0.0050	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
Benzo[a]pyrene	0.82	*3	0.037	0.0072	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
Benzo[b]fluoranthene	1.2	*3	0.037	0.0080	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
Benzo[g,h,i]perylene	0.47	*3	0.037	0.012	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
Benzo[k]fluoranthene	0.46	*3	0.037	0.011	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
Bis(2-chloroethyl)ether	<0.19	*+	0.19	0.056	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
Bis(2-ethylhexyl) phthalate	0.18	J *3	0.19	0.068	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
Carbazole	0.14	J	0.19	0.093	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
Chrysene	0.93	*3	0.037	0.010	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
Dibenz(a,h)anthracene	0.10	*3	0.037	0.0072	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
Dibenzofuran	0.092	J	0.19	0.043	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
Diethyl phthalate	<0.19		0.19	0.063	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
Dimethyl phthalate	<0.19		0.19	0.048	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
Di-n-butyl phthalate	0.78		0.19	0.056	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
Fluoranthene	1.3		0.037	0.0069	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
Fluorene	0.19		0.037	0.0052	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
Hexachlorobenzene	<0.075		0.075	0.0086	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
Hexachlorobutadiene	<0.19		0.19	0.058	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
Hexachlorocyclopentadiene	<0.75		0.75	0.21	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
Hexachloroethane	<0.19		0.19	0.056	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1
Indeno[1,2,3-cd]pyrene	0.46	*3	0.037	0.0096	mg/Kg	✳	06/03/21 07:33	06/04/21 01:14	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-50(0-2)-052721

Lab Sample ID: 500-199832-6

Date Collected: 05/27/21 09:10

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 88.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
Naphthalene	0.057		0.037	0.0057	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
Nitrobenzene	<0.037		0.037	0.0093	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.045	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
Pentachlorophenol	<0.75	*	0.75	0.60	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
Phenanthrene	1.9		0.037	0.0052	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1
Phenol	<0.19		0.19	0.082	mg/Kg	☼	06/03/21 07:33	06/04/21 01:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	74		31 - 143	06/03/21 07:33	06/04/21 01:14	1
2-Fluorobiphenyl	96		43 - 145	06/03/21 07:33	06/04/21 01:14	1
2-Fluorophenol	101		31 - 166	06/03/21 07:33	06/04/21 01:14	1
Nitrobenzene-d5	89		37 - 147	06/03/21 07:33	06/04/21 01:14	1
Phenol-d5	103		30 - 153	06/03/21 07:33	06/04/21 01:14	1
Terphenyl-d14	226	*3 S1+	42 - 157	06/03/21 07:33	06/04/21 01:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Butyl benzyl phthalate	2.0		0.37	0.14	mg/Kg	☼	06/03/21 07:33	06/04/21 16:29	2
Pyrene	1.8		0.074	0.015	mg/Kg	☼	06/03/21 07:33	06/04/21 16:29	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	90		31 - 143	06/03/21 07:33	06/04/21 16:29	2
2-Fluorobiphenyl	82		43 - 145	06/03/21 07:33	06/04/21 16:29	2
2-Fluorophenol	65		31 - 166	06/03/21 07:33	06/04/21 16:29	2
Nitrobenzene-d5	67		37 - 147	06/03/21 07:33	06/04/21 16:29	2
Phenol-d5	77		30 - 153	06/03/21 07:33	06/04/21 16:29	2
Terphenyl-d14	114		42 - 157	06/03/21 07:33	06/04/21 16:29	2

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:28	06/04/21 11:05	1
Barium	0.57		0.50	0.050	mg/L		06/03/21 18:28	06/04/21 11:05	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:28	06/04/21 11:05	1
Cadmium	0.0037	J	0.0050	0.0020	mg/L		06/03/21 18:28	06/04/21 11:05	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:05	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:05	1
Copper	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:05	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:28	06/04/21 11:05	1
Lead	0.0076		0.0075	0.0075	mg/L		06/03/21 18:28	06/04/21 11:05	1
Manganese	1.1		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:05	1
Nickel	0.010	J	0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:05	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:28	06/04/21 11:05	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:05	1
Zinc	0.19	J	0.50	0.020	mg/L		06/03/21 18:28	06/04/21 11:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.040	J	0.050	0.010	mg/L		06/03/21 18:31	06/04/21 12:00	1
Barium	0.72		0.50	0.050	mg/L		06/03/21 18:31	06/04/21 12:00	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-50(0-2)-052721

Lab Sample ID: 500-199832-6

Date Collected: 05/27/21 09:10

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 88.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.0068		0.0040	0.0040	mg/L		06/03/21 18:31	06/04/21 12:00	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:31	06/04/21 12:00	1
Chromium	0.16		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:00	1
Cobalt	0.035		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:00	1
Copper	0.14		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:00	1
Iron	150		0.40	0.20	mg/L		06/03/21 18:31	06/04/21 12:00	1
Lead	0.22		0.0075	0.0075	mg/L		06/03/21 18:31	06/04/21 12:00	1
Manganese	0.72		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:00	1
Nickel	0.11		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:00	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:31	06/04/21 12:00	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:00	1
Zinc	0.68		0.50	0.020	mg/L		06/03/21 18:31	06/04/21 12:00	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.64	J	1.1	0.22	mg/Kg	✱	06/02/21 17:31	06/03/21 17:22	1
Arsenic	4.0		0.56	0.19	mg/Kg	✱	06/02/21 17:31	06/03/21 17:22	1
Barium	160		0.56	0.063	mg/Kg	✱	06/02/21 17:31	06/03/21 17:22	1
Beryllium	0.75		0.22	0.052	mg/Kg	✱	06/02/21 17:31	06/03/21 17:22	1
Cadmium	0.58		0.11	0.020	mg/Kg	✱	06/02/21 17:31	06/03/21 17:22	1
Calcium	140000	B	56	9.4	mg/Kg	✱	06/02/21 17:31	06/04/21 18:04	5
Chromium	20		0.56	0.28	mg/Kg	✱	06/02/21 17:31	06/03/21 17:22	1
Cobalt	5.9		0.28	0.073	mg/Kg	✱	06/02/21 17:31	06/03/21 17:22	1
Copper	25		0.56	0.16	mg/Kg	✱	06/02/21 17:31	06/03/21 17:22	1
Iron	20000		56	29	mg/Kg	✱	06/02/21 17:31	06/04/21 18:04	5
Lead	57		0.28	0.13	mg/Kg	✱	06/02/21 17:31	06/03/21 17:22	1
Magnesium	77000	B	28	14	mg/Kg	✱	06/02/21 17:31	06/04/21 18:04	5
Manganese	590		0.56	0.081	mg/Kg	✱	06/02/21 17:31	06/03/21 17:22	1
Nickel	19		0.56	0.16	mg/Kg	✱	06/02/21 17:31	06/04/21 18:00	1
Potassium	770		28	9.9	mg/Kg	✱	06/02/21 17:31	06/03/21 17:22	1
Selenium	0.46	J	0.56	0.33	mg/Kg	✱	06/02/21 17:31	06/03/21 17:22	1
Silver	0.42		0.28	0.072	mg/Kg	✱	06/02/21 17:31	06/03/21 17:22	1
Sodium	1000		56	8.2	mg/Kg	✱	06/02/21 17:31	06/03/21 17:22	1
Thallium	<0.56		0.56	0.28	mg/Kg	✱	06/02/21 17:31	06/04/21 18:00	1
Vanadium	18		0.28	0.066	mg/Kg	✱	06/02/21 17:31	06/03/21 17:22	1
Zinc	140		1.1	0.49	mg/Kg	✱	06/02/21 17:31	06/04/21 18:00	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/21 13:05	06/04/21 11:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 11:07	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.024		0.018	0.0060	mg/Kg	✱	06/03/21 14:00	06/04/21 07:37	1

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-50(0-2)-052721

Lab Sample ID: 500-199832-6

Date Collected: 05/27/21 09:10

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 88.4

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.6		0.2	0.2	SU			06/03/21 13:59	1

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

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-48(0-2)-052721

Lab Sample ID: 500-199832-7

Date Collected: 05/27/21 09:20

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 83.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.022		0.022	0.0096	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
Benzene	<0.0022		0.0022	0.00056	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
Bromodichloromethane	<0.0022		0.0022	0.00045	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
Bromoform	<0.0022		0.0022	0.00064	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
Bromomethane	<0.0055		0.0055	0.0021	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
Carbon disulfide	<0.0055		0.0055	0.0011	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
Carbon tetrachloride	<0.0022		0.0022	0.00064	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
Chlorobenzene	<0.0022		0.0022	0.00081	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
Chloroethane	<0.0055		0.0055	0.0016	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
Chloroform	<0.0022		0.0022	0.00076	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
Chloromethane	<0.0055		0.0055	0.0022	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
cis-1,2-Dichloroethene	<0.0022		0.0022	0.00062	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
cis-1,3-Dichloropropene	<0.0022		0.0022	0.00066	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
Dibromochloromethane	<0.0022		0.0022	0.00072	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
1,1-Dichloroethane	<0.0022		0.0022	0.00075	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
1,2-Dichloroethane	<0.0055		0.0055	0.0017	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
1,1-Dichloroethene	<0.0022		0.0022	0.00076	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
1,2-Dichloropropane	<0.0022		0.0022	0.00057	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
1,3-Dichloropropene, Total	<0.0022		0.0022	0.00077	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
Ethylbenzene	<0.0022		0.0022	0.0011	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
2-Hexanone	<0.0055		0.0055	0.0017	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
Methylene Chloride	<0.0055		0.0055	0.0022	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
Methyl Ethyl Ketone	<0.0055		0.0055	0.0024	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
methyl isobutyl ketone	<0.0055		0.0055	0.0016	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
Methyl tert-butyl ether	<0.0022		0.0022	0.00065	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
Styrene	<0.0022		0.0022	0.00067	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
1,1,2,2-Tetrachloroethane	<0.0022		0.0022	0.00070	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
Tetrachloroethene	<0.0022		0.0022	0.00075	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
Toluene	<0.0022		0.0022	0.00056	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
trans-1,2-Dichloroethene	<0.0022		0.0022	0.00098	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
trans-1,3-Dichloropropene	<0.0022		0.0022	0.00077	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
1,1,1-Trichloroethane	<0.0022		0.0022	0.00074	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
1,1,2-Trichloroethane	<0.0022		0.0022	0.00095	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
Trichloroethene	<0.0022		0.0022	0.00074	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
Vinyl chloride	<0.0022		0.0022	0.00097	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1
Xylenes, Total	<0.0044		0.0044	0.00070	mg/Kg	✱	05/28/21 17:40	06/02/21 14:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		75 - 131	05/28/21 17:40	06/02/21 14:04	1
Dibromofluoromethane	105		75 - 126	05/28/21 17:40	06/02/21 14:04	1
1,2-Dichloroethane-d4 (Surr)	117		70 - 134	05/28/21 17:40	06/02/21 14:04	1
Toluene-d8 (Surr)	102		75 - 124	05/28/21 17:40	06/02/21 14:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.042	mg/Kg	✱	06/03/21 07:33	06/03/21 22:13	1
1,2-Dichlorobenzene	<0.20		0.20	0.046	mg/Kg	✱	06/03/21 07:33	06/03/21 22:13	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	✱	06/03/21 07:33	06/03/21 22:13	1
1,4-Dichlorobenzene	<0.20		0.20	0.050	mg/Kg	✱	06/03/21 07:33	06/03/21 22:13	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.045	mg/Kg	✱	06/03/21 07:33	06/03/21 22:13	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-48(0-2)-052721

Lab Sample ID: 500-199832-7

Date Collected: 05/27/21 09:20

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 83.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.089	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
2,4,6-Trichlorophenol	<0.39		0.39	0.13	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
2,4-Dichlorophenol	<0.39		0.39	0.092	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
2,4-Dinitrophenol	<0.78		0.78	0.69	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
2,4-Dinitrotoluene	<0.20		0.20	0.062	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
2,6-Dinitrotoluene	<0.20		0.20	0.076	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
2-Chloronaphthalene	<0.20		0.20	0.043	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
2-Chlorophenol	<0.20	*+	0.20	0.066	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
2-Methylnaphthalene	0.0098	J	0.078	0.0072	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
2-Methylphenol	<0.20		0.20	0.062	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
2-Nitroaniline	<0.20		0.20	0.052	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
2-Nitrophenol	<0.39		0.39	0.092	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
3 & 4 Methylphenol	<0.20		0.20	0.065	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.054	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
4,6-Dinitro-2-methylphenol	<0.78		0.78	0.31	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.051	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
4-Chloroaniline	<0.78		0.78	0.18	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.045	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
4-Nitroaniline	<0.39		0.39	0.16	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
4-Nitrophenol	<0.78		0.78	0.37	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
Acenaphthene	<0.039		0.039	0.0070	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
Acenaphthylene	0.013	J	0.039	0.0051	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
Anthracene	0.024	J	0.039	0.0065	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
Benzo[a]anthracene	0.096		0.039	0.0052	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
Benzo[a]pyrene	0.12	*3	0.039	0.0075	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
Benzo[b]fluoranthene	0.22	*3	0.039	0.0084	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
Benzo[g,h,i]perylene	0.057	*3	0.039	0.013	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
Benzo[k]fluoranthene	0.064	*3	0.039	0.011	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
Bis(2-chloroethyl)ether	<0.20	*+	0.20	0.058	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.071	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
Butyl benzyl phthalate	0.76		0.20	0.074	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
Carbazole	<0.20		0.20	0.097	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
Chrysene	0.12		0.039	0.011	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
Dibenz(a,h)anthracene	<0.039	*3	0.039	0.0075	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
Diethyl phthalate	<0.20		0.20	0.066	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
Dimethyl phthalate	0.067	J	0.20	0.051	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
Di-n-butyl phthalate	<0.20		0.20	0.059	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
Di-n-octyl phthalate	<0.20		0.20	0.063	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
Fluoranthene	0.17		0.039	0.0072	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
Fluorene	0.0066	J	0.039	0.0055	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
Hexachlorobenzene	<0.078		0.078	0.0090	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
Hexachlorobutadiene	<0.20		0.20	0.061	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
Hexachlorocyclopentadiene	<0.78		0.78	0.22	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1
Hexachloroethane	<0.20		0.20	0.059	mg/Kg	☆	06/03/21 07:33	06/03/21 22:13	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-48(0-2)-052721

Lab Sample ID: 500-199832-7

Date Collected: 05/27/21 09:20

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 83.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.048	*3	0.039	0.010	mg/Kg	☼	06/03/21 07:33	06/03/21 22:13	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	06/03/21 07:33	06/03/21 22:13	1
Naphthalene	0.033	J	0.039	0.0060	mg/Kg	☼	06/03/21 07:33	06/03/21 22:13	1
Nitrobenzene	<0.039		0.039	0.0097	mg/Kg	☼	06/03/21 07:33	06/03/21 22:13	1
N-Nitrosodi-n-propylamine	<0.078		0.078	0.048	mg/Kg	☼	06/03/21 07:33	06/03/21 22:13	1
N-Nitrosodiphenylamine	<0.20		0.20	0.046	mg/Kg	☼	06/03/21 07:33	06/03/21 22:13	1
Pentachlorophenol	<0.78	*-	0.78	0.62	mg/Kg	☼	06/03/21 07:33	06/03/21 22:13	1
Phenanthrene	0.10		0.039	0.0054	mg/Kg	☼	06/03/21 07:33	06/03/21 22:13	1
Phenol	<0.20		0.20	0.086	mg/Kg	☼	06/03/21 07:33	06/03/21 22:13	1
Pyrene	0.26		0.039	0.0077	mg/Kg	☼	06/03/21 07:33	06/03/21 22:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	81		31 - 143				06/03/21 07:33	06/03/21 22:13	1
2-Fluorobiphenyl	86		43 - 145				06/03/21 07:33	06/03/21 22:13	1
2-Fluorophenol	90		31 - 166				06/03/21 07:33	06/03/21 22:13	1
Nitrobenzene-d5	76		37 - 147				06/03/21 07:33	06/03/21 22:13	1
Phenol-d5	97		30 - 153				06/03/21 07:33	06/03/21 22:13	1
Terphenyl-d14	146		42 - 157				06/03/21 07:33	06/03/21 22:13	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:28	06/04/21 11:09	1
Barium	0.52		0.50	0.050	mg/L		06/03/21 18:28	06/04/21 11:09	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:28	06/04/21 11:09	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:28	06/04/21 11:09	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:09	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:09	1
Copper	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:09	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:28	06/04/21 11:09	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/21 18:28	06/04/21 11:09	1
Manganese	0.17		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:09	1
Nickel	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:09	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:28	06/04/21 11:09	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:09	1
Zinc	0.065	J	0.50	0.020	mg/L		06/03/21 18:28	06/04/21 11:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.051		0.050	0.010	mg/L		06/03/21 18:31	06/04/21 12:10	1
Barium	0.77		0.50	0.050	mg/L		06/03/21 18:31	06/04/21 12:10	1
Beryllium	0.0076		0.0040	0.0040	mg/L		06/03/21 18:31	06/04/21 12:10	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:31	06/04/21 12:10	1
Chromium	0.16		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:10	1
Cobalt	0.033		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:10	1
Copper	0.15		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:10	1
Iron	170		0.40	0.20	mg/L		06/03/21 18:31	06/04/21 12:10	1
Lead	0.21		0.0075	0.0075	mg/L		06/03/21 18:31	06/04/21 12:10	1
Manganese	0.93		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:10	1
Nickel	0.13		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:10	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:31	06/04/21 12:10	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-48(0-2)-052721

Lab Sample ID: 500-199832-7

Date Collected: 05/27/21 09:20

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 83.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:10	1
Zinc	0.62		0.50	0.020	mg/L		06/03/21 18:31	06/04/21 12:10	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.64	J	1.1	0.22	mg/Kg	✱	06/02/21 17:31	06/03/21 17:25	1
Arsenic	5.9		0.57	0.20	mg/Kg	✱	06/02/21 17:31	06/03/21 17:25	1
Barium	84		0.57	0.065	mg/Kg	✱	06/02/21 17:31	06/03/21 17:25	1
Beryllium	0.71		0.23	0.053	mg/Kg	✱	06/02/21 17:31	06/03/21 17:25	1
Cadmium	0.45		0.11	0.021	mg/Kg	✱	06/02/21 17:31	06/03/21 17:25	1
Calcium	55000	B	57	9.7	mg/Kg	✱	06/02/21 17:31	06/04/21 18:11	5
Chromium	20		0.57	0.28	mg/Kg	✱	06/02/21 17:31	06/03/21 17:25	1
Cobalt	9.7		0.29	0.075	mg/Kg	✱	06/02/21 17:31	06/03/21 17:25	1
Copper	23		0.57	0.16	mg/Kg	✱	06/02/21 17:31	06/03/21 17:25	1
Iron	15000		11	5.9	mg/Kg	✱	06/02/21 17:31	06/03/21 17:25	1
Lead	81		0.29	0.13	mg/Kg	✱	06/02/21 17:31	06/03/21 17:25	1
Magnesium	26000	B	5.7	2.8	mg/Kg	✱	06/02/21 17:31	06/03/21 17:25	1
Manganese	510		0.57	0.083	mg/Kg	✱	06/02/21 17:31	06/03/21 17:25	1
Nickel	23		0.57	0.17	mg/Kg	✱	06/02/21 17:31	06/04/21 18:08	1
Potassium	1200		29	10	mg/Kg	✱	06/02/21 17:31	06/03/21 17:25	1
Selenium	<0.57		0.57	0.34	mg/Kg	✱	06/02/21 17:31	06/03/21 17:25	1
Silver	0.46		0.29	0.074	mg/Kg	✱	06/02/21 17:31	06/03/21 17:25	1
Sodium	1300		57	8.4	mg/Kg	✱	06/02/21 17:31	06/03/21 17:25	1
Thallium	<0.57		0.57	0.28	mg/Kg	✱	06/02/21 17:31	06/03/21 17:25	1
Vanadium	27		0.29	0.067	mg/Kg	✱	06/02/21 17:31	06/03/21 17:25	1
Zinc	120		1.1	0.50	mg/Kg	✱	06/02/21 17:31	06/04/21 18:08	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/21 13:05	06/04/21 11:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 11:10	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.032		0.018	0.0060	mg/Kg	✱	06/03/21 14:00	06/04/21 07:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.1		0.2	0.2	SU			06/03/21 14:42	1

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-46(0-2)-052721

Lab Sample ID: 500-199832-8

Date Collected: 05/27/21 09:40

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 88.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.019		0.019	0.0084	mg/Kg	☼	05/28/21 17:40	06/02/21 14:30	1
Benzene	<0.0019		0.0019	0.00049	mg/Kg	☼	05/28/21 17:40	06/02/21 14:30	1
Bromodichloromethane	<0.0019		0.0019	0.00039	mg/Kg	☼	05/28/21 17:40	06/02/21 14:30	1
Bromoform	<0.0019		0.0019	0.00057	mg/Kg	☼	05/28/21 17:40	06/02/21 14:30	1
Bromomethane	<0.0048		0.0048	0.0018	mg/Kg	☼	05/28/21 17:40	06/02/21 14:30	1
Carbon disulfide	<0.0048		0.0048	0.0010	mg/Kg	☼	05/28/21 17:40	06/02/21 14:30	1
Carbon tetrachloride	<0.0019		0.0019	0.00056	mg/Kg	☼	05/28/21 17:40	06/02/21 14:30	1
Chlorobenzene	<0.0019		0.0019	0.00072	mg/Kg	☼	05/28/21 17:40	06/02/21 14:30	1
Chloroethane	<0.0048		0.0048	0.0014	mg/Kg	☼	05/28/21 17:40	06/02/21 14:30	1
Chloroform	<0.0019		0.0019	0.00067	mg/Kg	☼	05/28/21 17:40	06/02/21 14:30	1
Chloromethane	<0.0048		0.0048	0.0019	mg/Kg	☼	05/28/21 17:40	06/02/21 14:30	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00054	mg/Kg	☼	05/28/21 17:40	06/02/21 14:30	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00058	mg/Kg	☼	05/28/21 17:40	06/02/21 14:30	1
Dibromochloromethane	<0.0019		0.0019	0.00063	mg/Kg	☼	05/28/21 17:40	06/02/21 14:30	1
1,1-Dichloroethane	<0.0019		0.0019	0.00066	mg/Kg	☼	05/28/21 17:40	06/02/21 14:30	1
1,2-Dichloroethane	<0.0048		0.0048	0.0015	mg/Kg	☼	05/28/21 17:40	06/02/21 14:30	1
1,1-Dichloroethene	<0.0019		0.0019	0.00067	mg/Kg	☼	05/28/21 17:40	06/02/21 14:30	1
1,2-Dichloropropane	<0.0019		0.0019	0.00050	mg/Kg	☼	05/28/21 17:40	06/02/21 14:30	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00068	mg/Kg	☼	05/28/21 17:40	06/02/21 14:30	1
Ethylbenzene	<0.0019		0.0019	0.00093	mg/Kg	☼	05/28/21 17:40	06/02/21 14:30	1
2-Hexanone	<0.0048		0.0048	0.0015	mg/Kg	☼	05/28/21 17:40	06/02/21 14:30	1
Methylene Chloride	<0.0048		0.0048	0.0019	mg/Kg	☼	05/28/21 17:40	06/02/21 14:30	1
Methyl Ethyl Ketone	<0.0048		0.0048	0.0022	mg/Kg	☼	05/28/21 17:40	06/02/21 14:30	1
methyl isobutyl ketone	<0.0048		0.0048	0.0014	mg/Kg	☼	05/28/21 17:40	06/02/21 14:30	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00057	mg/Kg	☼	05/28/21 17:40	06/02/21 14:30	1
Styrene	<0.0019		0.0019	0.00059	mg/Kg	☼	05/28/21 17:40	06/02/21 14:30	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00062	mg/Kg	☼	05/28/21 17:40	06/02/21 14:30	1
Tetrachloroethene	<0.0019		0.0019	0.00066	mg/Kg	☼	05/28/21 17:40	06/02/21 14:30	1
Toluene	<0.0019		0.0019	0.00049	mg/Kg	☼	05/28/21 17:40	06/02/21 14:30	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00086	mg/Kg	☼	05/28/21 17:40	06/02/21 14:30	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00068	mg/Kg	☼	05/28/21 17:40	06/02/21 14:30	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00065	mg/Kg	☼	05/28/21 17:40	06/02/21 14:30	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00083	mg/Kg	☼	05/28/21 17:40	06/02/21 14:30	1
Trichloroethene	<0.0019		0.0019	0.00066	mg/Kg	☼	05/28/21 17:40	06/02/21 14:30	1
Vinyl chloride	<0.0019		0.0019	0.00086	mg/Kg	☼	05/28/21 17:40	06/02/21 14:30	1
Xylenes, Total	<0.0039		0.0039	0.00062	mg/Kg	☼	05/28/21 17:40	06/02/21 14:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		75 - 131	05/28/21 17:40	06/02/21 14:30	1
Dibromofluoromethane	104		75 - 126	05/28/21 17:40	06/02/21 14:30	1
1,2-Dichloroethane-d4 (Surr)	112		70 - 134	05/28/21 17:40	06/02/21 14:30	1
Toluene-d8 (Surr)	105		75 - 124	05/28/21 17:40	06/02/21 14:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	☼	06/03/21 07:33	06/03/21 22:33	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	☼	06/03/21 07:33	06/03/21 22:33	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	06/03/21 07:33	06/03/21 22:33	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	☼	06/03/21 07:33	06/03/21 22:33	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	☼	06/03/21 07:33	06/03/21 22:33	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-46(0-2)-052721

Lab Sample ID: 500-199832-8

Date Collected: 05/27/21 09:40

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 88.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.085	mg/Kg	✱	06/03/21 07:33	06/03/21 22:33	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	✱	06/03/21 07:33	06/03/21 22:33	1
2,4-Dichlorophenol	<0.37		0.37	0.089	mg/Kg	✱	06/03/21 07:33	06/03/21 22:33	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	✱	06/03/21 07:33	06/03/21 22:33	1
2,4-Dinitrophenol	<0.75		0.75	0.66	mg/Kg	✱	06/03/21 07:33	06/03/21 22:33	1
2,4-Dinitrotoluene	<0.19		0.19	0.059	mg/Kg	✱	06/03/21 07:33	06/03/21 22:33	1
2,6-Dinitrotoluene	<0.19		0.19	0.074	mg/Kg	✱	06/03/21 07:33	06/03/21 22:33	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	✱	06/03/21 07:33	06/03/21 22:33	1
2-Chlorophenol	<0.19	*+	0.19	0.064	mg/Kg	✱	06/03/21 07:33	06/03/21 22:33	1
2-Methylnaphthalene	<0.075		0.075	0.0069	mg/Kg	✱	06/03/21 07:33	06/03/21 22:33	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	✱	06/03/21 07:33	06/03/21 22:33	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	✱	06/03/21 07:33	06/03/21 22:33	1
2-Nitrophenol	<0.37		0.37	0.088	mg/Kg	✱	06/03/21 07:33	06/03/21 22:33	1
3 & 4 Methylphenol	<0.19		0.19	0.062	mg/Kg	✱	06/03/21 07:33	06/03/21 22:33	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.052	mg/Kg	✱	06/03/21 07:33	06/03/21 22:33	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	✱	06/03/21 07:33	06/03/21 22:33	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.30	mg/Kg	✱	06/03/21 07:33	06/03/21 22:33	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	✱	06/03/21 07:33	06/03/21 22:33	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	✱	06/03/21 07:33	06/03/21 22:33	1
4-Chloroaniline	<0.75		0.75	0.18	mg/Kg	✱	06/03/21 07:33	06/03/21 22:33	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	✱	06/03/21 07:33	06/03/21 22:33	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	✱	06/03/21 07:33	06/03/21 22:33	1
4-Nitrophenol	<0.75		0.75	0.36	mg/Kg	✱	06/03/21 07:33	06/03/21 22:33	1
Acenaphthene	<0.037		0.037	0.0067	mg/Kg	✱	06/03/21 07:33	06/03/21 22:33	1
Acenaphthylene	<0.037		0.037	0.0049	mg/Kg	✱	06/03/21 07:33	06/03/21 22:33	1
Anthracene	0.019	J	0.037	0.0063	mg/Kg	✱	06/03/21 07:33	06/03/21 22:33	1
Benzo[a]anthracene	0.085		0.037	0.0050	mg/Kg	✱	06/03/21 07:33	06/03/21 22:33	1
Benzo[a]pyrene	0.095	*3	0.037	0.0072	mg/Kg	✱	06/03/21 07:33	06/03/21 22:33	1
Benzo[b]fluoranthene	0.16	*3	0.037	0.0081	mg/Kg	✱	06/03/21 07:33	06/03/21 22:33	1
Benzo[g,h,i]perylene	0.046	*3	0.037	0.012	mg/Kg	✱	06/03/21 07:33	06/03/21 22:33	1
Benzo[k]fluoranthene	0.061	*3	0.037	0.011	mg/Kg	✱	06/03/21 07:33	06/03/21 22:33	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	✱	06/03/21 07:33	06/03/21 22:33	1
Bis(2-chloroethyl)ether	<0.19	*+	0.19	0.056	mg/Kg	✱	06/03/21 07:33	06/03/21 22:33	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.068	mg/Kg	✱	06/03/21 07:33	06/03/21 22:33	1
Butyl benzyl phthalate	<0.19		0.19	0.071	mg/Kg	✱	06/03/21 07:33	06/03/21 22:33	1
Carbazole	<0.19		0.19	0.094	mg/Kg	✱	06/03/21 07:33	06/03/21 22:33	1
Chrysene	0.10		0.037	0.010	mg/Kg	✱	06/03/21 07:33	06/03/21 22:33	1
Dibenz(a,h)anthracene	0.0078	J *3	0.037	0.0072	mg/Kg	✱	06/03/21 07:33	06/03/21 22:33	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	✱	06/03/21 07:33	06/03/21 22:33	1
Diethyl phthalate	<0.19		0.19	0.063	mg/Kg	✱	06/03/21 07:33	06/03/21 22:33	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	✱	06/03/21 07:33	06/03/21 22:33	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	✱	06/03/21 07:33	06/03/21 22:33	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	✱	06/03/21 07:33	06/03/21 22:33	1
Fluoranthene	0.15		0.037	0.0069	mg/Kg	✱	06/03/21 07:33	06/03/21 22:33	1
Fluorene	<0.037		0.037	0.0053	mg/Kg	✱	06/03/21 07:33	06/03/21 22:33	1
Hexachlorobenzene	<0.075		0.075	0.0087	mg/Kg	✱	06/03/21 07:33	06/03/21 22:33	1
Hexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	✱	06/03/21 07:33	06/03/21 22:33	1
Hexachlorocyclopentadiene	<0.75		0.75	0.22	mg/Kg	✱	06/03/21 07:33	06/03/21 22:33	1
Hexachloroethane	<0.19		0.19	0.057	mg/Kg	✱	06/03/21 07:33	06/03/21 22:33	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-46(0-2)-052721

Lab Sample ID: 500-199832-8

Date Collected: 05/27/21 09:40

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 88.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.040	*3	0.037	0.0097	mg/Kg	☼	06/03/21 07:33	06/03/21 22:33	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	06/03/21 07:33	06/03/21 22:33	1
Naphthalene	0.0060	J	0.037	0.0058	mg/Kg	☼	06/03/21 07:33	06/03/21 22:33	1
Nitrobenzene	<0.037		0.037	0.0093	mg/Kg	☼	06/03/21 07:33	06/03/21 22:33	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.046	mg/Kg	☼	06/03/21 07:33	06/03/21 22:33	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☼	06/03/21 07:33	06/03/21 22:33	1
Pentachlorophenol	<0.75	*-	0.75	0.60	mg/Kg	☼	06/03/21 07:33	06/03/21 22:33	1
Phenanthrene	0.097		0.037	0.0052	mg/Kg	☼	06/03/21 07:33	06/03/21 22:33	1
Phenol	<0.19		0.19	0.083	mg/Kg	☼	06/03/21 07:33	06/03/21 22:33	1
Pyrene	0.24		0.037	0.0074	mg/Kg	☼	06/03/21 07:33	06/03/21 22:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	83		31 - 143				06/03/21 07:33	06/03/21 22:33	1
2-Fluorobiphenyl	87		43 - 145				06/03/21 07:33	06/03/21 22:33	1
2-Fluorophenol	96		31 - 166				06/03/21 07:33	06/03/21 22:33	1
Nitrobenzene-d5	86		37 - 147				06/03/21 07:33	06/03/21 22:33	1
Phenol-d5	100		30 - 153				06/03/21 07:33	06/03/21 22:33	1
Terphenyl-d14	156		42 - 157				06/03/21 07:33	06/03/21 22:33	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:28	06/04/21 11:12	1
Barium	0.54		0.50	0.050	mg/L		06/03/21 18:28	06/04/21 11:12	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:28	06/04/21 11:12	1
Cadmium	0.0020	J	0.0050	0.0020	mg/L		06/03/21 18:28	06/04/21 11:12	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:12	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:12	1
Copper	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:12	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:28	06/04/21 11:12	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/21 18:28	06/04/21 11:12	1
Manganese	1.1		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:12	1
Nickel	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:12	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:28	06/04/21 11:12	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:12	1
Zinc	0.056	J	0.50	0.020	mg/L		06/03/21 18:28	06/04/21 11:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.046	J	0.050	0.010	mg/L		06/03/21 18:31	06/04/21 12:13	1
Barium	0.64		0.50	0.050	mg/L		06/03/21 18:31	06/04/21 12:13	1
Beryllium	0.0066		0.0040	0.0040	mg/L		06/03/21 18:31	06/04/21 12:13	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:31	06/04/21 12:13	1
Chromium	0.14		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:13	1
Cobalt	0.037		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:13	1
Copper	0.12		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:13	1
Iron	140		0.40	0.20	mg/L		06/03/21 18:31	06/04/21 12:13	1
Lead	0.16		0.0075	0.0075	mg/L		06/03/21 18:31	06/04/21 12:13	1
Manganese	0.79		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:13	1
Nickel	0.12		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:13	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:31	06/04/21 12:13	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-46(0-2)-052721

Lab Sample ID: 500-199832-8

Date Collected: 05/27/21 09:40

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 88.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:13	1
Zinc	0.49	J	0.50	0.020	mg/L		06/03/21 18:31	06/04/21 12:13	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.52	J	1.1	0.21	mg/Kg	☆	06/02/21 17:31	06/03/21 17:29	1
Arsenic	5.3		0.53	0.18	mg/Kg	☆	06/02/21 17:31	06/03/21 17:29	1
Barium	84		0.53	0.060	mg/Kg	☆	06/02/21 17:31	06/03/21 17:29	1
Beryllium	0.73		0.21	0.049	mg/Kg	☆	06/02/21 17:31	06/03/21 17:29	1
Cadmium	0.49		0.11	0.019	mg/Kg	☆	06/02/21 17:31	06/03/21 17:29	1
Calcium	85000	B	53	9.0	mg/Kg	☆	06/02/21 17:31	06/04/21 18:19	5
Chromium	14		0.53	0.26	mg/Kg	☆	06/02/21 17:31	06/03/21 17:29	1
Cobalt	8.0		0.26	0.069	mg/Kg	☆	06/02/21 17:31	06/03/21 17:29	1
Copper	21		0.53	0.15	mg/Kg	☆	06/02/21 17:31	06/03/21 17:29	1
Iron	21000		53	28	mg/Kg	☆	06/02/21 17:31	06/04/21 18:19	5
Lead	98		0.26	0.12	mg/Kg	☆	06/02/21 17:31	06/03/21 17:29	1
Magnesium	49000	B	26	13	mg/Kg	☆	06/02/21 17:31	06/04/21 18:19	5
Manganese	420		0.53	0.077	mg/Kg	☆	06/02/21 17:31	06/03/21 17:29	1
Nickel	22		0.53	0.15	mg/Kg	☆	06/02/21 17:31	06/04/21 18:15	1
Potassium	1100		26	9.4	mg/Kg	☆	06/02/21 17:31	06/03/21 17:29	1
Selenium	0.39	J	0.53	0.31	mg/Kg	☆	06/02/21 17:31	06/03/21 17:29	1
Silver	0.34		0.26	0.068	mg/Kg	☆	06/02/21 17:31	06/03/21 17:29	1
Sodium	1500		53	7.8	mg/Kg	☆	06/02/21 17:31	06/03/21 17:29	1
Thallium	<0.53		0.53	0.26	mg/Kg	☆	06/02/21 17:31	06/03/21 17:29	1
Vanadium	19		0.26	0.063	mg/Kg	☆	06/02/21 17:31	06/03/21 17:29	1
Zinc	110		1.1	0.47	mg/Kg	☆	06/02/21 17:31	06/04/21 18:15	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/21 13:05	06/04/21 11:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 11:12	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.026		0.018	0.0061	mg/Kg	☆	06/03/21 14:00	06/04/21 07:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.5		0.2	0.2	SU			06/03/21 14:42	1

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-42(0-2)-052721

Lab Sample ID: 500-199832-10

Date Collected: 05/27/21 10:15

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 90.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.021		0.021	0.0091	mg/Kg	☼	05/28/21 17:40	06/03/21 14:04	1
Benzene	<0.0021		0.0021	0.00053	mg/Kg	☼	05/28/21 17:40	06/03/21 14:04	1
Bromodichloromethane	<0.0021		0.0021	0.00042	mg/Kg	☼	05/28/21 17:40	06/03/21 14:04	1
Bromoform	<0.0021		0.0021	0.00061	mg/Kg	☼	05/28/21 17:40	06/03/21 14:04	1
Bromomethane	<0.0052		0.0052	0.0020	mg/Kg	☼	05/28/21 17:40	06/03/21 14:04	1
Carbon disulfide	<0.0052		0.0052	0.0011	mg/Kg	☼	05/28/21 17:40	06/03/21 14:04	1
Carbon tetrachloride	<0.0021		0.0021	0.00060	mg/Kg	☼	05/28/21 17:40	06/03/21 14:04	1
Chlorobenzene	<0.0021		0.0021	0.00077	mg/Kg	☼	05/28/21 17:40	06/03/21 14:04	1
Chloroethane	<0.0052		0.0052	0.0015	mg/Kg	☼	05/28/21 17:40	06/03/21 14:04	1
Chloroform	<0.0021		0.0021	0.00072	mg/Kg	☼	05/28/21 17:40	06/03/21 14:04	1
Chloromethane	<0.0052		0.0052	0.0021	mg/Kg	☼	05/28/21 17:40	06/03/21 14:04	1
cis-1,2-Dichloroethene	<0.0021		0.0021	0.00058	mg/Kg	☼	05/28/21 17:40	06/03/21 14:04	1
cis-1,3-Dichloropropene	<0.0021		0.0021	0.00063	mg/Kg	☼	05/28/21 17:40	06/03/21 14:04	1
Dibromochloromethane	<0.0021		0.0021	0.00068	mg/Kg	☼	05/28/21 17:40	06/03/21 14:04	1
1,1-Dichloroethane	<0.0021		0.0021	0.00071	mg/Kg	☼	05/28/21 17:40	06/03/21 14:04	1
1,2-Dichloroethane	<0.0052		0.0052	0.0016	mg/Kg	☼	05/28/21 17:40	06/03/21 14:04	1
1,1-Dichloroethene	<0.0021		0.0021	0.00072	mg/Kg	☼	05/28/21 17:40	06/03/21 14:04	1
1,2-Dichloropropane	<0.0021		0.0021	0.00054	mg/Kg	☼	05/28/21 17:40	06/03/21 14:04	1
1,3-Dichloropropene, Total	<0.0021		0.0021	0.00073	mg/Kg	☼	05/28/21 17:40	06/03/21 14:04	1
Ethylbenzene	<0.0021		0.0021	0.0010	mg/Kg	☼	05/28/21 17:40	06/03/21 14:04	1
2-Hexanone	<0.0052		0.0052	0.0016	mg/Kg	☼	05/28/21 17:40	06/03/21 14:04	1
Methylene Chloride	<0.0052		0.0052	0.0020	mg/Kg	☼	05/28/21 17:40	06/03/21 14:04	1
Methyl Ethyl Ketone	<0.0052		0.0052	0.0023	mg/Kg	☼	05/28/21 17:40	06/03/21 14:04	1
methyl isobutyl ketone	<0.0052		0.0052	0.0015	mg/Kg	☼	05/28/21 17:40	06/03/21 14:04	1
Methyl tert-butyl ether	<0.0021		0.0021	0.00061	mg/Kg	☼	05/28/21 17:40	06/03/21 14:04	1
Styrene	<0.0021		0.0021	0.00063	mg/Kg	☼	05/28/21 17:40	06/03/21 14:04	1
1,1,2,2-Tetrachloroethane	<0.0021		0.0021	0.00066	mg/Kg	☼	05/28/21 17:40	06/03/21 14:04	1
Tetrachloroethene	<0.0021		0.0021	0.00071	mg/Kg	☼	05/28/21 17:40	06/03/21 14:04	1
Toluene	<0.0021		0.0021	0.00053	mg/Kg	☼	05/28/21 17:40	06/03/21 14:04	1
trans-1,2-Dichloroethene	<0.0021		0.0021	0.00092	mg/Kg	☼	05/28/21 17:40	06/03/21 14:04	1
trans-1,3-Dichloropropene	<0.0021		0.0021	0.00073	mg/Kg	☼	05/28/21 17:40	06/03/21 14:04	1
1,1,1-Trichloroethane	<0.0021		0.0021	0.00070	mg/Kg	☼	05/28/21 17:40	06/03/21 14:04	1
1,1,2-Trichloroethane	<0.0021		0.0021	0.00089	mg/Kg	☼	05/28/21 17:40	06/03/21 14:04	1
Trichloroethene	<0.0021		0.0021	0.00070	mg/Kg	☼	05/28/21 17:40	06/03/21 14:04	1
Vinyl chloride	<0.0021		0.0021	0.00092	mg/Kg	☼	05/28/21 17:40	06/03/21 14:04	1
Xylenes, Total	<0.0042		0.0042	0.00067	mg/Kg	☼	05/28/21 17:40	06/03/21 14:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		75 - 131	05/28/21 17:40	06/03/21 14:04	1
Dibromofluoromethane	103		75 - 126	05/28/21 17:40	06/03/21 14:04	1
1,2-Dichloroethane-d4 (Surr)	117		70 - 134	05/28/21 17:40	06/03/21 14:04	1
Toluene-d8 (Surr)	106		75 - 124	05/28/21 17:40	06/03/21 14:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.040	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
1,2-Dichlorobenzene	<0.18		0.18	0.044	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
1,3-Dichlorobenzene	<0.18		0.18	0.041	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
1,4-Dichlorobenzene	<0.18		0.18	0.047	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.042	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-42(0-2)-052721

Lab Sample ID: 500-199832-10

Date Collected: 05/27/21 10:15

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 90.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.36		0.36	0.084	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
2,4,6-Trichlorophenol	<0.36		0.36	0.13	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
2,4-Dichlorophenol	<0.36		0.36	0.087	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
2,4-Dimethylphenol	<0.36		0.36	0.14	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
2,4-Dinitrophenol	<0.74		0.74	0.65	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
2,4-Dinitrotoluene	<0.18		0.18	0.058	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
2,6-Dinitrotoluene	<0.18		0.18	0.072	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
2-Chloronaphthalene	<0.18		0.18	0.041	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
2-Chlorophenol	<0.18	*+	0.18	0.063	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
2-Methylnaphthalene	0.0071	J	0.074	0.0067	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
2-Methylphenol	<0.18		0.18	0.059	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
2-Nitroaniline	<0.18		0.18	0.049	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
2-Nitrophenol	<0.36		0.36	0.087	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
3 & 4 Methylphenol	<0.18		0.18	0.061	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.051	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
3-Nitroaniline	<0.36		0.36	0.11	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
4,6-Dinitro-2-methylphenol	<0.74		0.74	0.29	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.048	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
4-Chloro-3-methylphenol	<0.36		0.36	0.12	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
4-Chloroaniline	<0.74		0.74	0.17	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.043	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
4-Nitroaniline	<0.36		0.36	0.15	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
4-Nitrophenol	<0.74		0.74	0.35	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
Acenaphthene	0.0088	J	0.036	0.0066	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
Acenaphthylene	0.0086	J	0.036	0.0048	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
Anthracene	0.034	J	0.036	0.0061	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
Benzo[a]anthracene	0.16		0.036	0.0049	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
Benzo[a]pyrene	0.18	*3	0.036	0.0071	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
Benzo[b]fluoranthene	0.27	*3	0.036	0.0079	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
Benzo[g,h,i]perylene	0.072	*3	0.036	0.012	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
Benzo[k]fluoranthene	0.16	*3	0.036	0.011	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.037	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
Bis(2-chloroethyl)ether	<0.18	*+	0.18	0.055	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.067	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
Butyl benzyl phthalate	<0.18		0.18	0.070	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
Carbazole	<0.18		0.18	0.092	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
Chrysene	0.19		0.036	0.010	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
Dibenz(a,h)anthracene	0.017	J *3	0.036	0.0071	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
Dibenzofuran	<0.18		0.18	0.043	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
Diethyl phthalate	<0.18		0.18	0.062	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
Dimethyl phthalate	<0.18		0.18	0.048	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
Di-n-butyl phthalate	<0.18		0.18	0.056	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
Di-n-octyl phthalate	<0.18		0.18	0.060	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
Fluoranthene	0.26		0.036	0.0068	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
Fluorene	0.0095	J	0.036	0.0052	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
Hexachlorobenzene	<0.074		0.074	0.0085	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
Hexachlorobutadiene	<0.18		0.18	0.058	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
Hexachlorocyclopentadiene	<0.74		0.74	0.21	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
Hexachloroethane	<0.18		0.18	0.056	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1

Euofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-42(0-2)-052721

Lab Sample ID: 500-199832-10

Date Collected: 05/27/21 10:15

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 90.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.060	*3	0.036	0.0095	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
Isophorone	<0.18		0.18	0.041	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
Naphthalene	0.015	J	0.036	0.0056	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
Nitrobenzene	<0.036		0.036	0.0091	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
N-Nitrosodi-n-propylamine	<0.074		0.074	0.045	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
N-Nitrosodiphenylamine	<0.18		0.18	0.043	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
Pentachlorophenol	<0.74	*-	0.74	0.59	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
Phenanthrene	0.15		0.036	0.0051	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
Phenol	<0.18		0.18	0.081	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
Pyrene	0.42		0.036	0.0073	mg/Kg	☼	06/03/21 07:33	06/04/21 18:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	86		31 - 143				06/03/21 07:33	06/04/21 18:08	1
2-Fluorobiphenyl	79		43 - 145				06/03/21 07:33	06/04/21 18:08	1
2-Fluorophenol	56		31 - 166				06/03/21 07:33	06/04/21 18:08	1
Nitrobenzene-d5	58		37 - 147				06/03/21 07:33	06/04/21 18:08	1
Phenol-d5	68		30 - 153				06/03/21 07:33	06/04/21 18:08	1
Terphenyl-d14	144		42 - 157				06/03/21 07:33	06/04/21 18:08	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:28	06/04/21 11:43	1
Barium	0.57		0.50	0.050	mg/L		06/03/21 18:28	06/04/21 11:43	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:28	06/04/21 11:43	1
Cadmium	0.0021	J	0.0050	0.0020	mg/L		06/03/21 18:28	06/04/21 11:43	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:43	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:43	1
Copper	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:43	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:28	06/04/21 11:43	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/21 18:28	06/04/21 11:43	1
Manganese	0.85		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:43	1
Nickel	0.014	J	0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:43	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:28	06/04/21 11:43	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:43	1
Zinc	0.083	J	0.50	0.020	mg/L		06/03/21 18:28	06/04/21 11:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.047	J	0.050	0.010	mg/L		06/03/21 18:31	06/04/21 12:19	1
Barium	0.66		0.50	0.050	mg/L		06/03/21 18:31	06/04/21 12:19	1
Beryllium	0.0066		0.0040	0.0040	mg/L		06/03/21 18:31	06/04/21 12:19	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:31	06/04/21 12:19	1
Chromium	0.13		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:19	1
Cobalt	0.038		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:19	1
Copper	0.13		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:19	1
Iron	140		0.40	0.20	mg/L		06/03/21 18:31	06/04/21 12:19	1
Lead	0.15		0.0075	0.0075	mg/L		06/03/21 18:31	06/04/21 12:19	1
Manganese	0.68		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:19	1
Nickel	0.12		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:19	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:31	06/04/21 12:19	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-42(0-2)-052721

Lab Sample ID: 500-199832-10

Date Collected: 05/27/21 10:15

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 90.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:19	1
Zinc	0.53		0.50	0.020	mg/L		06/03/21 18:31	06/04/21 12:19	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.60	J	1.1	0.21	mg/Kg	✱	06/02/21 17:31	06/03/21 17:36	1
Arsenic	6.2		0.54	0.18	mg/Kg	✱	06/02/21 17:31	06/03/21 17:36	1
Barium	67		0.54	0.061	mg/Kg	✱	06/02/21 17:31	06/03/21 17:36	1
Beryllium	0.59		0.21	0.050	mg/Kg	✱	06/02/21 17:31	06/03/21 17:36	1
Cadmium	0.39		0.11	0.019	mg/Kg	✱	06/02/21 17:31	06/03/21 17:36	1
Calcium	67000	B	54	9.1	mg/Kg	✱	06/02/21 17:31	06/04/21 18:41	5
Chromium	17		0.54	0.27	mg/Kg	✱	06/02/21 17:31	06/03/21 17:36	1
Cobalt	8.2		0.27	0.070	mg/Kg	✱	06/02/21 17:31	06/03/21 17:36	1
Copper	22		0.54	0.15	mg/Kg	✱	06/02/21 17:31	06/03/21 17:36	1
Iron	16000		11	5.6	mg/Kg	✱	06/02/21 17:31	06/03/21 17:36	1
Lead	42		0.27	0.12	mg/Kg	✱	06/02/21 17:31	06/03/21 17:36	1
Magnesium	30000	B	5.4	2.7	mg/Kg	✱	06/02/21 17:31	06/03/21 17:36	1
Manganese	310		0.54	0.078	mg/Kg	✱	06/02/21 17:31	06/03/21 17:36	1
Nickel	23		0.54	0.16	mg/Kg	✱	06/02/21 17:31	06/04/21 18:37	1
Potassium	1100		27	9.5	mg/Kg	✱	06/02/21 17:31	06/03/21 17:36	1
Selenium	0.38	J	0.54	0.31	mg/Kg	✱	06/02/21 17:31	06/03/21 17:36	1
Silver	0.33		0.27	0.069	mg/Kg	✱	06/02/21 17:31	06/03/21 17:36	1
Sodium	1400		54	7.9	mg/Kg	✱	06/02/21 17:31	06/03/21 17:36	1
Thallium	<0.54		0.54	0.27	mg/Kg	✱	06/02/21 17:31	06/03/21 17:36	1
Vanadium	20		0.27	0.063	mg/Kg	✱	06/02/21 17:31	06/03/21 17:36	1
Zinc	120		1.1	0.47	mg/Kg	✱	06/02/21 17:31	06/04/21 18:37	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/21 13:05	06/04/21 11:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 11:20	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.027		0.017	0.0056	mg/Kg	✱	06/03/21 14:00	06/04/21 07:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.7		0.2	0.2	SU			06/03/21 14:42	1

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-40(0-2)-052721

Lab Sample ID: 500-199832-11

Date Collected: 05/27/21 10:25

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 87.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015		0.015	0.0064	mg/Kg	✳	05/28/21 17:40	06/02/21 15:49	1
Benzene	<0.0015		0.0015	0.00037	mg/Kg	✳	05/28/21 17:40	06/02/21 15:49	1
Bromodichloromethane	<0.0015		0.0015	0.00030	mg/Kg	✳	05/28/21 17:40	06/02/21 15:49	1
Bromoform	<0.0015		0.0015	0.00043	mg/Kg	✳	05/28/21 17:40	06/02/21 15:49	1
Bromomethane	<0.0037		0.0037	0.0014	mg/Kg	✳	05/28/21 17:40	06/02/21 15:49	1
Carbon disulfide	<0.0037		0.0037	0.00076	mg/Kg	✳	05/28/21 17:40	06/02/21 15:49	1
Carbon tetrachloride	<0.0015		0.0015	0.00043	mg/Kg	✳	05/28/21 17:40	06/02/21 15:49	1
Chlorobenzene	<0.0015		0.0015	0.00054	mg/Kg	✳	05/28/21 17:40	06/02/21 15:49	1
Chloroethane	<0.0037		0.0037	0.0011	mg/Kg	✳	05/28/21 17:40	06/02/21 15:49	1
Chloroform	<0.0015		0.0015	0.00051	mg/Kg	✳	05/28/21 17:40	06/02/21 15:49	1
Chloromethane	<0.0037		0.0037	0.0015	mg/Kg	✳	05/28/21 17:40	06/02/21 15:49	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00041	mg/Kg	✳	05/28/21 17:40	06/02/21 15:49	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00044	mg/Kg	✳	05/28/21 17:40	06/02/21 15:49	1
Dibromochloromethane	<0.0015		0.0015	0.00048	mg/Kg	✳	05/28/21 17:40	06/02/21 15:49	1
1,1-Dichloroethane	<0.0015		0.0015	0.00050	mg/Kg	✳	05/28/21 17:40	06/02/21 15:49	1
1,2-Dichloroethane	<0.0037		0.0037	0.0011	mg/Kg	✳	05/28/21 17:40	06/02/21 15:49	1
1,1-Dichloroethene	<0.0015		0.0015	0.00051	mg/Kg	✳	05/28/21 17:40	06/02/21 15:49	1
1,2-Dichloropropane	<0.0015		0.0015	0.00038	mg/Kg	✳	05/28/21 17:40	06/02/21 15:49	1
1,3-Dichloropropene, Total	<0.0015		0.0015	0.00052	mg/Kg	✳	05/28/21 17:40	06/02/21 15:49	1
Ethylbenzene	<0.0015		0.0015	0.00070	mg/Kg	✳	05/28/21 17:40	06/02/21 15:49	1
2-Hexanone	<0.0037		0.0037	0.0011	mg/Kg	✳	05/28/21 17:40	06/02/21 15:49	1
Methylene Chloride	<0.0037		0.0037	0.0014	mg/Kg	✳	05/28/21 17:40	06/02/21 15:49	1
Methyl Ethyl Ketone	<0.0037		0.0037	0.0016	mg/Kg	✳	05/28/21 17:40	06/02/21 15:49	1
methyl isobutyl ketone	<0.0037		0.0037	0.0011	mg/Kg	✳	05/28/21 17:40	06/02/21 15:49	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00043	mg/Kg	✳	05/28/21 17:40	06/02/21 15:49	1
Styrene	<0.0015		0.0015	0.00044	mg/Kg	✳	05/28/21 17:40	06/02/21 15:49	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00047	mg/Kg	✳	05/28/21 17:40	06/02/21 15:49	1
Tetrachloroethene	<0.0015		0.0015	0.00050	mg/Kg	✳	05/28/21 17:40	06/02/21 15:49	1
Toluene	<0.0015		0.0015	0.00037	mg/Kg	✳	05/28/21 17:40	06/02/21 15:49	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00065	mg/Kg	✳	05/28/21 17:40	06/02/21 15:49	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00052	mg/Kg	✳	05/28/21 17:40	06/02/21 15:49	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00049	mg/Kg	✳	05/28/21 17:40	06/02/21 15:49	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00063	mg/Kg	✳	05/28/21 17:40	06/02/21 15:49	1
Trichloroethene	<0.0015		0.0015	0.00050	mg/Kg	✳	05/28/21 17:40	06/02/21 15:49	1
Vinyl chloride	<0.0015		0.0015	0.00065	mg/Kg	✳	05/28/21 17:40	06/02/21 15:49	1
Xylenes, Total	<0.0029		0.0029	0.00047	mg/Kg	✳	05/28/21 17:40	06/02/21 15:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		75 - 131	05/28/21 17:40	06/02/21 15:49	1
Dibromofluoromethane	101		75 - 126	05/28/21 17:40	06/02/21 15:49	1
1,2-Dichloroethane-d4 (Surr)	114		70 - 134	05/28/21 17:40	06/02/21 15:49	1
Toluene-d8 (Surr)	106		75 - 124	05/28/21 17:40	06/02/21 15:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	✳	06/03/21 07:33	06/04/21 18:28	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	✳	06/03/21 07:33	06/04/21 18:28	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	✳	06/03/21 07:33	06/04/21 18:28	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	✳	06/03/21 07:33	06/04/21 18:28	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	✳	06/03/21 07:33	06/04/21 18:28	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-40(0-2)-052721

Lab Sample ID: 500-199832-11

Date Collected: 05/27/21 10:25

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 87.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.087	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
2,4-Dichlorophenol	<0.38		0.38	0.090	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
2,4-Dimethylphenol	<0.38		0.38	0.14	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
2,4-Dinitrophenol	<0.77		0.77	0.67	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
2,4-Dinitrotoluene	<0.19		0.19	0.060	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
2,6-Dinitrotoluene	<0.19		0.19	0.075	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
2-Chlorophenol	<0.19	*+	0.19	0.065	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
2-Methylnaphthalene	0.0080	J	0.077	0.0070	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
2-Methylphenol	<0.19		0.19	0.061	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
2-Nitrophenol	<0.38		0.38	0.090	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
3 & 4 Methylphenol	<0.19		0.19	0.063	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
3,3'-Dichlorobenzidine	<0.19	*3	0.19	0.053	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
4,6-Dinitro-2-methylphenol	<0.77		0.77	0.31	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
4-Chloroaniline	<0.77		0.77	0.18	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
4-Nitrophenol	<0.77		0.77	0.36	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Acenaphthene	<0.038		0.038	0.0068	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Acenaphthylene	0.0096	J	0.038	0.0050	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Anthracene	0.017	J	0.038	0.0063	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Benzo[a]anthracene	0.081	*3	0.038	0.0051	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Benzo[a]pyrene	0.12	*3	0.038	0.0074	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Benzo[b]fluoranthene	0.20	*3	0.038	0.0082	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Benzo[g,h,i]perylene	0.071	*3	0.038	0.012	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Benzo[k]fluoranthene	0.093	*3	0.038	0.011	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Bis(2-chloroethyl)ether	<0.19	*+	0.19	0.057	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Bis(2-ethylhexyl) phthalate	<0.19	*3	0.19	0.069	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Butyl benzyl phthalate	<0.19	*3	0.19	0.072	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Carbazole	<0.19		0.19	0.095	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Chrysene	0.12	*3	0.038	0.010	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Dibenz(a,h)anthracene	0.0086	J *3	0.038	0.0073	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Diethyl phthalate	<0.19		0.19	0.064	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Di-n-butyl phthalate	<0.19		0.19	0.058	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Di-n-octyl phthalate	<0.19		0.19	0.062	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Fluoranthene	0.12		0.038	0.0070	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Fluorene	<0.038		0.038	0.0053	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Hexachlorobenzene	<0.077		0.077	0.0088	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Hexachlorobutadiene	<0.19		0.19	0.060	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Hexachlorocyclopentadiene	<0.77		0.77	0.22	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Hexachloroethane	<0.19		0.19	0.058	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-40(0-2)-052721

Lab Sample ID: 500-199832-11

Date Collected: 05/27/21 10:25

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 87.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.044	*3	0.038	0.0098	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Naphthalene	0.0093	J	0.038	0.0058	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Nitrobenzene	<0.038		0.038	0.0095	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
N-Nitrosodi-n-propylamine	<0.077		0.077	0.046	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Pentachlorophenol	<0.77	*-	0.77	0.61	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Phenanthrene	0.064		0.038	0.0053	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Phenol	<0.19		0.19	0.084	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Pyrene	0.23	*3	0.038	0.0075	mg/Kg	☼	06/03/21 07:33	06/04/21 18:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	90		31 - 143				06/03/21 07:33	06/04/21 18:28	1
2-Fluorobiphenyl	89		43 - 145				06/03/21 07:33	06/04/21 18:28	1
2-Fluorophenol	64		31 - 166				06/03/21 07:33	06/04/21 18:28	1
Nitrobenzene-d5	68		37 - 147				06/03/21 07:33	06/04/21 18:28	1
Phenol-d5	74		30 - 153				06/03/21 07:33	06/04/21 18:28	1
Terphenyl-d14	163	S1+ *3	42 - 157				06/03/21 07:33	06/04/21 18:28	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:28	06/04/21 11:47	1
Barium	0.71		0.50	0.050	mg/L		06/03/21 18:28	06/04/21 11:47	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:28	06/04/21 11:47	1
Cadmium	0.0024	J	0.0050	0.0020	mg/L		06/03/21 18:28	06/04/21 11:47	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:47	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:47	1
Copper	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:47	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:28	06/04/21 11:47	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/21 18:28	06/04/21 11:47	1
Manganese	1.3		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:47	1
Nickel	0.012	J	0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:47	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:28	06/04/21 11:47	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:47	1
Zinc	0.11	J	0.50	0.020	mg/L		06/03/21 18:28	06/04/21 11:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.051		0.050	0.010	mg/L		06/03/21 18:31	06/04/21 12:22	1
Barium	0.74		0.50	0.050	mg/L		06/03/21 18:31	06/04/21 12:22	1
Beryllium	0.0088		0.0040	0.0040	mg/L		06/03/21 18:31	06/04/21 12:22	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:31	06/04/21 12:22	1
Chromium	0.17		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:22	1
Cobalt	0.059		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:22	1
Copper	0.18		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:22	1
Iron	160		0.40	0.20	mg/L		06/03/21 18:31	06/04/21 12:22	1
Lead	0.13		0.0075	0.0075	mg/L		06/03/21 18:31	06/04/21 12:22	1
Manganese	0.88		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:22	1
Nickel	0.18		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:22	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:31	06/04/21 12:22	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-40(0-2)-052721

Lab Sample ID: 500-199832-11

Date Collected: 05/27/21 10:25

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 87.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:22	1
Zinc	0.46	J	0.50	0.020	mg/L		06/03/21 18:31	06/04/21 12:22	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.57	J	1.1	0.21	mg/Kg	✧	06/02/21 17:31	06/03/21 17:46	1
Arsenic	3.9		0.55	0.19	mg/Kg	✧	06/02/21 17:31	06/03/21 17:46	1
Barium	62		0.55	0.063	mg/Kg	✧	06/02/21 17:31	06/03/21 17:46	1
Beryllium	0.67		0.22	0.052	mg/Kg	✧	06/02/21 17:31	06/03/21 17:46	1
Cadmium	0.26		0.11	0.020	mg/Kg	✧	06/02/21 17:31	06/03/21 17:46	1
Calcium	67000	B	55	9.4	mg/Kg	✧	06/02/21 17:31	06/04/21 18:48	5
Chromium	19		0.55	0.27	mg/Kg	✧	06/02/21 17:31	06/03/21 17:46	1
Cobalt	10		0.28	0.072	mg/Kg	✧	06/02/21 17:31	06/03/21 17:46	1
Copper	21		0.55	0.15	mg/Kg	✧	06/02/21 17:31	06/03/21 17:46	1
Iron	15000		11	5.7	mg/Kg	✧	06/02/21 17:31	06/03/21 17:46	1
Lead	35		0.28	0.13	mg/Kg	✧	06/02/21 17:31	06/03/21 17:46	1
Magnesium	29000	B	5.5	2.7	mg/Kg	✧	06/02/21 17:31	06/03/21 17:46	1
Manganese	320		0.55	0.080	mg/Kg	✧	06/02/21 17:31	06/03/21 17:46	1
Nickel	27		0.55	0.16	mg/Kg	✧	06/02/21 17:31	06/04/21 18:45	1
Potassium	2000		28	9.8	mg/Kg	✧	06/02/21 17:31	06/03/21 17:46	1
Selenium	<0.55		0.55	0.32	mg/Kg	✧	06/02/21 17:31	06/03/21 17:46	1
Silver	0.36		0.28	0.071	mg/Kg	✧	06/02/21 17:31	06/03/21 17:46	1
Sodium	1100		55	8.2	mg/Kg	✧	06/02/21 17:31	06/03/21 17:46	1
Thallium	<0.55		0.55	0.28	mg/Kg	✧	06/02/21 17:31	06/03/21 17:46	1
Vanadium	20		0.28	0.065	mg/Kg	✧	06/02/21 17:31	06/03/21 17:46	1
Zinc	88		1.1	0.48	mg/Kg	✧	06/02/21 17:31	06/04/21 18:45	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/21 13:05	06/04/21 11:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 11:22	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.020		0.018	0.0061	mg/Kg	✧	06/03/21 14:00	06/04/21 07:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.4		0.2	0.2	SU			06/03/21 14:42	1

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-38(0-2)-052721

Lab Sample ID: 500-199832-12

Date Collected: 05/27/21 10:40

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 82.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.021		0.021	0.0092	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
Benzene	<0.0021		0.0021	0.00054	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
Bromodichloromethane	<0.0021		0.0021	0.00043	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
Bromoform	<0.0021		0.0021	0.00062	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
Bromomethane	<0.0053		0.0053	0.0020	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
Carbon disulfide	<0.0053		0.0053	0.0011	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
Carbon tetrachloride	<0.0021		0.0021	0.00061	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
Chlorobenzene	<0.0021		0.0021	0.00078	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
Chloroethane	<0.0053		0.0053	0.0016	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
Chloroform	<0.0021		0.0021	0.00073	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
Chloromethane	<0.0053		0.0053	0.0021	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
cis-1,2-Dichloroethene	<0.0021		0.0021	0.00059	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
cis-1,3-Dichloropropene	<0.0021		0.0021	0.00064	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
Dibromochloromethane	<0.0021		0.0021	0.00069	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
1,1-Dichloroethane	<0.0021		0.0021	0.00072	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
1,2-Dichloroethane	<0.0053		0.0053	0.0016	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
1,1-Dichloroethene	<0.0021		0.0021	0.00073	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
1,2-Dichloropropane	<0.0021		0.0021	0.00054	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
1,3-Dichloropropene, Total	<0.0021		0.0021	0.00074	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
Ethylbenzene	<0.0021		0.0021	0.0010	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
2-Hexanone	<0.0053		0.0053	0.0016	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
Methylene Chloride	<0.0053		0.0053	0.0021	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
Methyl Ethyl Ketone	<0.0053		0.0053	0.0023	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
methyl isobutyl ketone	<0.0053		0.0053	0.0016	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
Methyl tert-butyl ether	<0.0021		0.0021	0.00062	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
Styrene	<0.0021		0.0021	0.00064	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
1,1,2,2-Tetrachloroethane	<0.0021		0.0021	0.00067	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
Tetrachloroethene	<0.0021		0.0021	0.00072	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
Toluene	<0.0021		0.0021	0.00053	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
trans-1,2-Dichloroethene	<0.0021		0.0021	0.00093	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
trans-1,3-Dichloropropene	<0.0021		0.0021	0.00074	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
1,1,1-Trichloroethane	<0.0021		0.0021	0.00071	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
1,1,2-Trichloroethane	<0.0021		0.0021	0.00090	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
Trichloroethene	<0.0021		0.0021	0.00071	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
Vinyl chloride	<0.0021		0.0021	0.00093	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1
Xylenes, Total	<0.0042		0.0042	0.00067	mg/Kg	✱	05/28/21 17:40	06/03/21 14:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		75 - 131	05/28/21 17:40	06/03/21 14:29	1
Dibromofluoromethane	103		75 - 126	05/28/21 17:40	06/03/21 14:29	1
1,2-Dichloroethane-d4 (Surr)	115		70 - 134	05/28/21 17:40	06/03/21 14:29	1
Toluene-d8 (Surr)	101		75 - 124	05/28/21 17:40	06/03/21 14:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.043	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
1,4-Dichlorobenzene	<0.20		0.20	0.051	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-38(0-2)-052721

Lab Sample ID: 500-199832-12

Date Collected: 05/27/21 10:40

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 82.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.090	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
2,4,6-Trichlorophenol	<0.39		0.39	0.14	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
2,4-Dichlorophenol	<0.39		0.39	0.094	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
2,4-Dinitrophenol	<0.80		0.80	0.70	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
2,4-Dinitrotoluene	<0.20		0.20	0.063	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
2,6-Dinitrotoluene	<0.20		0.20	0.078	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
2-Chlorophenol	<0.20	+	0.20	0.067	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
2-Methylnaphthalene	<0.080		0.080	0.0073	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
2-Nitrophenol	<0.39		0.39	0.093	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
3 & 4 Methylphenol	<0.20		0.20	0.066	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
4,6-Dinitro-2-methylphenol	<0.80		0.80	0.32	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
4-Chloroaniline	<0.80		0.80	0.19	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
4-Nitroaniline	<0.39		0.39	0.17	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
4-Nitrophenol	<0.80		0.80	0.38	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
Acenaphthene	<0.039		0.039	0.0071	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
Anthracene	<0.039		0.039	0.0066	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
Benzo[a]anthracene	0.016	J	0.039	0.0053	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
Benzo[a]pyrene	0.021	J	0.039	0.0076	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
Benzo[b]fluoranthene	0.035	J	0.039	0.0085	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
Benzo[g,h,i]perylene	0.018	J	0.039	0.013	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
Benzo[k]fluoranthene	0.012	J	0.039	0.012	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
Bis(2-chloroethyl)ether	<0.20	+	0.20	0.059	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
Butyl benzyl phthalate	<0.20		0.20	0.075	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
Carbazole	<0.20		0.20	0.099	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
Chrysene	0.025	J	0.039	0.011	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
Dibenz(a,h)anthracene	<0.039		0.039	0.0076	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
Diethyl phthalate	<0.20		0.20	0.067	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
Dimethyl phthalate	<0.20		0.20	0.052	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
Fluoranthene	0.028	J	0.039	0.0073	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
Fluorene	<0.039		0.039	0.0056	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
Hexachlorobenzene	<0.080		0.080	0.0092	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
Hexachlorocyclopentadiene	<0.80		0.80	0.23	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1
Hexachloroethane	<0.20		0.20	0.060	mg/Kg	✱	06/03/21 07:33	06/03/21 19:32	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-38(0-2)-052721

Lab Sample ID: 500-199832-12

Date Collected: 05/27/21 10:40

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 82.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.016	J	0.039	0.010	mg/Kg	☼	06/03/21 07:33	06/03/21 19:32	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	06/03/21 07:33	06/03/21 19:32	1
Naphthalene	<0.039		0.039	0.0061	mg/Kg	☼	06/03/21 07:33	06/03/21 19:32	1
Nitrobenzene	<0.039		0.039	0.0099	mg/Kg	☼	06/03/21 07:33	06/03/21 19:32	1
N-Nitrosodi-n-propylamine	<0.080		0.080	0.048	mg/Kg	☼	06/03/21 07:33	06/03/21 19:32	1
N-Nitrosodiphenylamine	<0.20		0.20	0.047	mg/Kg	☼	06/03/21 07:33	06/03/21 19:32	1
Pentachlorophenol	<0.80	*-	0.80	0.63	mg/Kg	☼	06/03/21 07:33	06/03/21 19:32	1
Phenanthrene	0.012	J	0.039	0.0055	mg/Kg	☼	06/03/21 07:33	06/03/21 19:32	1
Phenol	<0.20		0.20	0.088	mg/Kg	☼	06/03/21 07:33	06/03/21 19:32	1
Pyrene	0.029	J	0.039	0.0078	mg/Kg	☼	06/03/21 07:33	06/03/21 19:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	76		31 - 143				06/03/21 07:33	06/03/21 19:32	1
2-Fluorobiphenyl	72		43 - 145				06/03/21 07:33	06/03/21 19:32	1
2-Fluorophenol	86		31 - 166				06/03/21 07:33	06/03/21 19:32	1
Nitrobenzene-d5	71		37 - 147				06/03/21 07:33	06/03/21 19:32	1
Phenol-d5	90		30 - 153				06/03/21 07:33	06/03/21 19:32	1
Terphenyl-d14	100		42 - 157				06/03/21 07:33	06/03/21 19:32	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:28	06/04/21 11:50	1
Barium	0.83		0.50	0.050	mg/L		06/03/21 18:28	06/04/21 11:50	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:28	06/04/21 11:50	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:28	06/04/21 11:50	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:50	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:50	1
Copper	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:50	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:28	06/04/21 11:50	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/21 18:28	06/04/21 11:50	1
Manganese	0.57		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:50	1
Nickel	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:50	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:28	06/04/21 11:50	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:50	1
Zinc	0.081	J	0.50	0.020	mg/L		06/03/21 18:28	06/04/21 11:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.035	J	0.050	0.010	mg/L		06/03/21 18:31	06/04/21 12:25	1
Barium	0.66		0.50	0.050	mg/L		06/03/21 18:31	06/04/21 12:25	1
Beryllium	0.0043		0.0040	0.0040	mg/L		06/03/21 18:31	06/04/21 12:25	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:31	06/04/21 12:25	1
Chromium	0.10		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:25	1
Cobalt	0.020	J	0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:25	1
Copper	0.080		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:25	1
Iron	110		0.40	0.20	mg/L		06/03/21 18:31	06/04/21 12:25	1
Lead	0.064		0.0075	0.0075	mg/L		06/03/21 18:31	06/04/21 12:25	1
Manganese	0.85		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:25	1
Nickel	0.076		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:25	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:31	06/04/21 12:25	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-38(0-2)-052721

Lab Sample ID: 500-199832-12

Date Collected: 05/27/21 10:40

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 82.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:25	1
Zinc	0.33	J	0.50	0.020	mg/L		06/03/21 18:31	06/04/21 12:25	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.45	J	1.2	0.23	mg/Kg	☆	06/02/21 17:31	06/03/21 17:50	1
Arsenic	6.2		0.58	0.20	mg/Kg	☆	06/02/21 17:31	06/03/21 17:50	1
Barium	100		0.58	0.066	mg/Kg	☆	06/02/21 17:31	06/03/21 17:50	1
Beryllium	0.65		0.23	0.054	mg/Kg	☆	06/02/21 17:31	06/03/21 17:50	1
Cadmium	0.21		0.12	0.021	mg/Kg	☆	06/02/21 17:31	06/03/21 17:50	1
Calcium	25000	B	12	2.0	mg/Kg	☆	06/02/21 17:31	06/03/21 17:50	1
Chromium	20		0.58	0.29	mg/Kg	☆	06/02/21 17:31	06/03/21 17:50	1
Cobalt	9.9		0.29	0.076	mg/Kg	☆	06/02/21 17:31	06/03/21 17:50	1
Copper	19		0.58	0.16	mg/Kg	☆	06/02/21 17:31	06/03/21 17:50	1
Iron	15000		12	6.1	mg/Kg	☆	06/02/21 17:31	06/03/21 17:50	1
Lead	39		0.29	0.13	mg/Kg	☆	06/02/21 17:31	06/03/21 17:50	1
Magnesium	17000	B	5.8	2.9	mg/Kg	☆	06/02/21 17:31	06/03/21 17:50	1
Manganese	370		0.58	0.084	mg/Kg	☆	06/02/21 17:31	06/03/21 17:50	1
Nickel	26		0.58	0.17	mg/Kg	☆	06/02/21 17:31	06/04/21 18:52	1
Potassium	890		29	10	mg/Kg	☆	06/02/21 17:31	06/03/21 17:50	1
Selenium	<0.58		0.58	0.34	mg/Kg	☆	06/02/21 17:31	06/03/21 17:50	1
Silver	0.44		0.29	0.075	mg/Kg	☆	06/02/21 17:31	06/03/21 17:50	1
Sodium	2600		58	8.6	mg/Kg	☆	06/02/21 17:31	06/03/21 17:50	1
Thallium	<0.58		0.58	0.29	mg/Kg	☆	06/02/21 17:31	06/03/21 17:50	1
Vanadium	28		0.29	0.069	mg/Kg	☆	06/02/21 17:31	06/03/21 17:50	1
Zinc	100		1.2	0.51	mg/Kg	☆	06/02/21 17:31	06/04/21 18:52	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/21 13:05	06/04/21 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 11:25	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.043	F1	0.018	0.0059	mg/Kg	☆	06/03/21 14:00	06/04/21 07:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.8		0.2	0.2	SU			06/03/21 14:42	1

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-38(0-2)-052721D

Lab Sample ID: 500-199832-13

Date Collected: 05/27/21 10:40

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 81.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.019		0.019	0.0081	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
Benzene	<0.0019		0.0019	0.00047	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
Bromodichloromethane	<0.0019		0.0019	0.00038	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
Bromoform	<0.0019		0.0019	0.00054	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
Bromomethane	<0.0047		0.0047	0.0018	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
Carbon disulfide	<0.0047		0.0047	0.00097	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
Carbon tetrachloride	<0.0019		0.0019	0.00054	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
Chlorobenzene	<0.0019		0.0019	0.00069	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
Chloroethane	<0.0047		0.0047	0.0014	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
Chloroform	<0.0019		0.0019	0.00065	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
Chloromethane	<0.0047		0.0047	0.0019	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00052	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00056	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
Dibromochloromethane	<0.0019		0.0019	0.00061	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
1,1-Dichloroethane	<0.0019		0.0019	0.00064	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
1,2-Dichloroethane	<0.0047		0.0047	0.0015	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
1,1-Dichloroethene	<0.0019		0.0019	0.00064	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
1,2-Dichloropropane	<0.0019		0.0019	0.00048	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00065	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
Ethylbenzene	<0.0019		0.0019	0.00089	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
2-Hexanone	<0.0047		0.0047	0.0015	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
Methylene Chloride	<0.0047		0.0047	0.0018	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
Methyl Ethyl Ketone	<0.0047		0.0047	0.0021	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
methyl isobutyl ketone	<0.0047		0.0047	0.0014	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00055	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
Styrene	<0.0019		0.0019	0.00056	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00059	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
Tetrachloroethene	<0.0019		0.0019	0.00063	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
Toluene	<0.0019		0.0019	0.00047	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00082	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00065	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00062	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00080	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
Trichloroethene	<0.0019		0.0019	0.00063	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
Vinyl chloride	<0.0019		0.0019	0.00082	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1
Xylenes, Total	<0.0037		0.0037	0.00060	mg/Kg	☼	05/28/21 17:40	06/03/21 14:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		75 - 131	05/28/21 17:40	06/03/21 14:55	1
Dibromofluoromethane	103		75 - 126	05/28/21 17:40	06/03/21 14:55	1
1,2-Dichloroethane-d4 (Surr)	116		70 - 134	05/28/21 17:40	06/03/21 14:55	1
Toluene-d8 (Surr)	103		75 - 124	05/28/21 17:40	06/03/21 14:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.042	mg/Kg	☼	06/03/21 07:33	06/03/21 19:52	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	06/03/21 07:33	06/03/21 19:52	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	06/03/21 07:33	06/03/21 19:52	1
1,4-Dichlorobenzene	<0.20		0.20	0.050	mg/Kg	☼	06/03/21 07:33	06/03/21 19:52	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.045	mg/Kg	☼	06/03/21 07:33	06/03/21 19:52	1

Euofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-38(0-2)-052721D

Lab Sample ID: 500-199832-13

Date Collected: 05/27/21 10:40

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 81.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.089	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
2,4,6-Trichlorophenol	<0.39		0.39	0.13	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
2,4-Dichlorophenol	<0.39		0.39	0.093	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
2,4-Dinitrophenol	<0.79		0.79	0.69	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
2,4-Dinitrotoluene	<0.20		0.20	0.062	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
2,6-Dinitrotoluene	<0.20		0.20	0.077	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
2-Chloronaphthalene	<0.20		0.20	0.043	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
2-Chlorophenol	<0.20	+	0.20	0.067	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
2-Methylnaphthalene	<0.079		0.079	0.0072	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
2-Nitrophenol	<0.39		0.39	0.093	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
3 & 4 Methylphenol	<0.20		0.20	0.065	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.32	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
4-Chloroaniline	<0.79		0.79	0.18	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
4-Nitroaniline	<0.39		0.39	0.16	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
4-Nitrophenol	<0.79		0.79	0.37	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
Acenaphthene	<0.039		0.039	0.0070	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
Anthracene	0.0066	J	0.039	0.0065	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
Benzo[a]anthracene	0.026	J	0.039	0.0053	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
Benzo[a]pyrene	0.034	J	0.039	0.0076	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
Benzo[b]fluoranthene	0.057		0.039	0.0085	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
Benzo[g,h,i]perylene	0.024	J	0.039	0.013	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
Benzo[k]fluoranthene	0.021	J	0.039	0.012	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
Bis(2-chloroethyl)ether	<0.20	+	0.20	0.059	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
Butyl benzyl phthalate	<0.20		0.20	0.075	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
Carbazole	<0.20		0.20	0.098	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
Chrysene	0.038	J	0.039	0.011	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
Dibenz(a,h)anthracene	<0.039		0.039	0.0076	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
Diethyl phthalate	<0.20		0.20	0.066	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
Dimethyl phthalate	<0.20		0.20	0.051	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
Fluoranthene	0.055		0.039	0.0073	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
Fluorene	<0.039		0.039	0.0055	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
Hexachlorobenzene	<0.079		0.079	0.0091	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
Hexachlorocyclopentadiene	<0.79		0.79	0.23	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1
Hexachloroethane	<0.20		0.20	0.060	mg/Kg	☆	06/03/21 07:33	06/03/21 19:52	1

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-38(0-2)-052721D

Lab Sample ID: 500-199832-13

Date Collected: 05/27/21 10:40

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 81.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.020	J	0.039	0.010	mg/Kg	☼	06/03/21 07:33	06/03/21 19:52	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	06/03/21 07:33	06/03/21 19:52	1
Naphthalene	<0.039		0.039	0.0060	mg/Kg	☼	06/03/21 07:33	06/03/21 19:52	1
Nitrobenzene	<0.039		0.039	0.0098	mg/Kg	☼	06/03/21 07:33	06/03/21 19:52	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.048	mg/Kg	☼	06/03/21 07:33	06/03/21 19:52	1
N-Nitrosodiphenylamine	<0.20		0.20	0.046	mg/Kg	☼	06/03/21 07:33	06/03/21 19:52	1
Pentachlorophenol	<0.79	*	0.79	0.63	mg/Kg	☼	06/03/21 07:33	06/03/21 19:52	1
Phenanthrene	0.028	J	0.039	0.0055	mg/Kg	☼	06/03/21 07:33	06/03/21 19:52	1
Phenol	<0.20		0.20	0.087	mg/Kg	☼	06/03/21 07:33	06/03/21 19:52	1
Pyrene	0.055		0.039	0.0078	mg/Kg	☼	06/03/21 07:33	06/03/21 19:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	69		31 - 143				06/03/21 07:33	06/03/21 19:52	1
2-Fluorobiphenyl	59		43 - 145				06/03/21 07:33	06/03/21 19:52	1
2-Fluorophenol	64		31 - 166				06/03/21 07:33	06/03/21 19:52	1
Nitrobenzene-d5	51		37 - 147				06/03/21 07:33	06/03/21 19:52	1
Phenol-d5	72		30 - 153				06/03/21 07:33	06/03/21 19:52	1
Terphenyl-d14	97		42 - 157				06/03/21 07:33	06/03/21 19:52	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:28	06/04/21 11:54	1
Barium	0.85		0.50	0.050	mg/L		06/03/21 18:28	06/04/21 11:54	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:28	06/04/21 11:54	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:28	06/04/21 11:54	1
Chromium	0.013	J	0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:54	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:54	1
Copper	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:54	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:28	06/04/21 11:54	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/21 18:28	06/04/21 11:54	1
Manganese	0.63		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:54	1
Nickel	0.022	J	0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:54	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:28	06/04/21 11:54	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:54	1
Zinc	0.087	J	0.50	0.020	mg/L		06/03/21 18:28	06/04/21 11:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.040	J	0.050	0.010	mg/L		06/03/21 18:31	06/04/21 12:28	1
Barium	0.78		0.50	0.050	mg/L		06/03/21 18:31	06/04/21 12:28	1
Beryllium	0.0051		0.0040	0.0040	mg/L		06/03/21 18:31	06/04/21 12:28	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:31	06/04/21 12:28	1
Chromium	0.12		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:28	1
Cobalt	0.024	J	0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:28	1
Copper	0.093		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:28	1
Iron	130		0.40	0.20	mg/L		06/03/21 18:31	06/04/21 12:28	1
Lead	0.075		0.0075	0.0075	mg/L		06/03/21 18:31	06/04/21 12:28	1
Manganese	0.96		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:28	1
Nickel	0.088		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:28	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:31	06/04/21 12:28	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-38(0-2)-052721D

Lab Sample ID: 500-199832-13

Date Collected: 05/27/21 10:40

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 81.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:28	1
Zinc	0.34	J	0.50	0.020	mg/L		06/03/21 18:31	06/04/21 12:28	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.79	J	1.2	0.23	mg/Kg	☆	06/02/21 17:31	06/03/21 17:53	1
Arsenic	7.4		0.59	0.20	mg/Kg	☆	06/02/21 17:31	06/03/21 17:53	1
Barium	120		0.59	0.067	mg/Kg	☆	06/02/21 17:31	06/03/21 17:53	1
Beryllium	0.70		0.24	0.055	mg/Kg	☆	06/02/21 17:31	06/03/21 17:53	1
Cadmium	0.13		0.12	0.021	mg/Kg	☆	06/02/21 17:31	06/03/21 17:53	1
Calcium	3800	B	12	2.0	mg/Kg	☆	06/02/21 17:31	06/03/21 17:53	1
Chromium	18		0.59	0.29	mg/Kg	☆	06/02/21 17:31	06/03/21 17:53	1
Cobalt	11		0.29	0.077	mg/Kg	☆	06/02/21 17:31	06/03/21 17:53	1
Copper	16		0.59	0.16	mg/Kg	☆	06/02/21 17:31	06/03/21 17:53	1
Iron	17000		12	6.1	mg/Kg	☆	06/02/21 17:31	06/03/21 17:53	1
Lead	22		0.29	0.14	mg/Kg	☆	06/02/21 17:31	06/03/21 17:53	1
Magnesium	3900	B	5.9	2.9	mg/Kg	☆	06/02/21 17:31	06/03/21 17:53	1
Manganese	450		0.59	0.085	mg/Kg	☆	06/02/21 17:31	06/03/21 17:53	1
Nickel	20		0.59	0.17	mg/Kg	☆	06/02/21 17:31	06/04/21 18:56	1
Potassium	890		29	10	mg/Kg	☆	06/02/21 17:31	06/03/21 17:53	1
Selenium	0.40	J	0.59	0.35	mg/Kg	☆	06/02/21 17:31	06/03/21 17:53	1
Silver	0.52		0.29	0.076	mg/Kg	☆	06/02/21 17:31	06/03/21 17:53	1
Sodium	3000		59	8.7	mg/Kg	☆	06/02/21 17:31	06/03/21 17:53	1
Thallium	<0.59		0.59	0.29	mg/Kg	☆	06/02/21 17:31	06/03/21 17:53	1
Vanadium	31		0.29	0.070	mg/Kg	☆	06/02/21 17:31	06/03/21 17:53	1
Zinc	71		1.2	0.52	mg/Kg	☆	06/02/21 17:31	06/04/21 18:56	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/21 13:05	06/04/21 12:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 11:27	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.051		0.019	0.0064	mg/Kg	☆	06/03/21 14:00	06/04/21 07:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.9		0.2	0.2	SU			06/03/21 14:42	1

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-36(0-2)-052721

Lab Sample ID: 500-199832-14

Date Collected: 05/27/21 11:00

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 89.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0073	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
Benzene	<0.0017		0.0017	0.00043	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
Bromodichloromethane	<0.0017		0.0017	0.00034	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
Bromoform	<0.0017		0.0017	0.00049	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
Bromomethane	<0.0042		0.0042	0.0016	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
Carbon disulfide	<0.0042		0.0042	0.00087	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
Carbon tetrachloride	<0.0017		0.0017	0.00049	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
Chlorobenzene	<0.0017		0.0017	0.00062	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
Chloroethane	<0.0042		0.0042	0.0012	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
Chloroform	<0.0017		0.0017	0.00058	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
Chloromethane	<0.0042		0.0042	0.0017	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00047	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00051	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
Dibromochloromethane	<0.0017		0.0017	0.00055	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
1,1-Dichloroethane	<0.0017		0.0017	0.00058	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
1,2-Dichloroethane	<0.0042		0.0042	0.0013	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
1,1-Dichloroethene	<0.0017		0.0017	0.00058	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
1,2-Dichloropropane	<0.0017		0.0017	0.00043	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
1,3-Dichloropropane, Total	<0.0017		0.0017	0.00059	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
Ethylbenzene	<0.0017		0.0017	0.00080	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
2-Hexanone	<0.0042		0.0042	0.0013	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
Methylene Chloride	<0.0042		0.0042	0.0017	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
Methyl Ethyl Ketone	<0.0042		0.0042	0.0019	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
methyl isobutyl ketone	<0.0042		0.0042	0.0012	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00049	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
Styrene	<0.0017		0.0017	0.00051	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00054	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
Tetrachloroethene	<0.0017		0.0017	0.00057	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
Toluene	<0.0017		0.0017	0.00042	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00074	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00059	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00056	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00072	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
Trichloroethene	<0.0017		0.0017	0.00057	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
Vinyl chloride	<0.0017		0.0017	0.00074	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1
Xylenes, Total	<0.0034		0.0034	0.00054	mg/Kg	☼	05/28/21 17:40	06/02/21 17:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		75 - 131	05/28/21 17:40	06/02/21 17:07	1
Dibromofluoromethane	109		75 - 126	05/28/21 17:40	06/02/21 17:07	1
1,2-Dichloroethane-d4 (Surr)	117		70 - 134	05/28/21 17:40	06/02/21 17:07	1
Toluene-d8 (Surr)	105		75 - 124	05/28/21 17:40	06/02/21 17:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
1,2-Dichlorobenzene	<0.19		0.19	0.044	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
1,4-Dichlorobenzene	<0.19		0.19	0.047	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-36(0-2)-052721

Lab Sample ID: 500-199832-14

Date Collected: 05/27/21 11:00

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 89.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.084	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
2,4-Dichlorophenol	<0.37		0.37	0.088	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
2,4-Dinitrophenol	<0.75		0.75	0.65	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
2,4-Dinitrotoluene	<0.19		0.19	0.059	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
2,6-Dinitrotoluene	<0.19		0.19	0.073	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
2-Chlorophenol	<0.19	*+	0.19	0.063	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
2-Methylnaphthalene	0.012	J	0.075	0.0068	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
2-Methylphenol	<0.19		0.19	0.059	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
2-Nitrophenol	<0.37		0.37	0.087	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
3 & 4 Methylphenol	<0.19		0.19	0.062	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
3,3'-Dichlorobenzidine	<0.19	*3	0.19	0.052	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
3-Nitroaniline	<0.37		0.37	0.11	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.30	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
4-Chloroaniline	<0.75		0.75	0.17	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.043	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
4-Nitroaniline	<0.37		0.37	0.15	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
4-Nitrophenol	<0.75		0.75	0.35	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Acenaphthene	0.0098	J	0.037	0.0066	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Acenaphthylene	0.013	J	0.037	0.0049	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Anthracene	0.047		0.037	0.0062	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Benzo[a]anthracene	0.26	*3	0.037	0.0050	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Benzo[a]pyrene	0.29	*3	0.037	0.0072	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Benzo[b]fluoranthene	0.49	*3	0.037	0.0080	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Benzo[g,h,i]perylene	0.14	*3	0.037	0.012	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Benzo[k]fluoranthene	0.23	*3	0.037	0.011	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Bis(2-chloroethyl)ether	<0.19	*+	0.19	0.055	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Bis(2-ethylhexyl) phthalate	0.17	J *3	0.19	0.068	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Butyl benzyl phthalate	<0.19	*3	0.19	0.070	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Carbazole	<0.19		0.19	0.092	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Chrysene	0.33	*3	0.037	0.010	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Dibenz(a,h)anthracene	0.036	J *3	0.037	0.0071	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Dibenzofuran	<0.19		0.19	0.043	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Diethyl phthalate	<0.19		0.19	0.063	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Dimethyl phthalate	<0.19		0.19	0.048	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Di-n-butyl phthalate	<0.19		0.19	0.056	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Di-n-octyl phthalate	<0.19		0.19	0.060	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Fluoranthene	0.35		0.037	0.0069	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Fluorene	0.011	J	0.037	0.0052	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Hexachlorobenzene	<0.075		0.075	0.0086	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Hexachlorobutadiene	<0.19		0.19	0.058	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Hexachlorocyclopentadiene	<0.75		0.75	0.21	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Hexachloroethane	<0.19		0.19	0.056	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-36(0-2)-052721

Lab Sample ID: 500-199832-14

Date Collected: 05/27/21 11:00

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 89.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.11	*3	0.037	0.0096	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Naphthalene	0.025	J	0.037	0.0057	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Nitrobenzene	<0.037		0.037	0.0092	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.045	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Pentachlorophenol	<0.75	*-	0.75	0.59	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Phenanthrene	0.22		0.037	0.0052	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Phenol	<0.19		0.19	0.082	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Pyrene	0.71	*3	0.037	0.0073	mg/Kg	☼	06/03/21 07:33	06/04/21 18:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	83		31 - 143				06/03/21 07:33	06/04/21 18:48	1
2-Fluorobiphenyl	82		43 - 145				06/03/21 07:33	06/04/21 18:48	1
2-Fluorophenol	58		31 - 166				06/03/21 07:33	06/04/21 18:48	1
Nitrobenzene-d5	65		37 - 147				06/03/21 07:33	06/04/21 18:48	1
Phenol-d5	65		30 - 153				06/03/21 07:33	06/04/21 18:48	1
Terphenyl-d14	155	*3	42 - 157				06/03/21 07:33	06/04/21 18:48	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:28	06/04/21 11:58	1
Barium	0.57		0.50	0.050	mg/L		06/03/21 18:28	06/04/21 11:58	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:28	06/04/21 11:58	1
Cadmium	0.0041	J	0.0050	0.0020	mg/L		06/03/21 18:28	06/04/21 11:58	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:58	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:58	1
Copper	0.011	J	0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:58	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:28	06/04/21 11:58	1
Lead	0.0093		0.0075	0.0075	mg/L		06/03/21 18:28	06/04/21 11:58	1
Manganese	1.1		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:58	1
Nickel	0.020	J	0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:58	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:28	06/04/21 11:58	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 11:58	1
Zinc	0.20	J	0.50	0.020	mg/L		06/03/21 18:28	06/04/21 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.033	J	0.050	0.010	mg/L		06/03/21 18:31	06/04/21 12:32	1
Barium	0.43	J	0.50	0.050	mg/L		06/03/21 18:31	06/04/21 12:32	1
Beryllium	0.0044		0.0040	0.0040	mg/L		06/03/21 18:31	06/04/21 12:32	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:31	06/04/21 12:32	1
Chromium	0.098		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:32	1
Cobalt	0.025		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:32	1
Copper	0.12		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:32	1
Iron	92		0.40	0.20	mg/L		06/03/21 18:31	06/04/21 12:32	1
Lead	0.30		0.0075	0.0075	mg/L		06/03/21 18:31	06/04/21 12:32	1
Manganese	0.61		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:32	1
Nickel	0.087		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:32	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:31	06/04/21 12:32	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-36(0-2)-052721

Lab Sample ID: 500-199832-14

Date Collected: 05/27/21 11:00

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 89.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:32	1
Zinc	0.55		0.50	0.020	mg/L		06/03/21 18:31	06/04/21 12:32	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.58	J	1.1	0.22	mg/Kg	✧	06/02/21 17:31	06/03/21 17:56	1
Arsenic	4.9		0.56	0.19	mg/Kg	✧	06/02/21 17:31	06/03/21 17:56	1
Barium	110		0.56	0.063	mg/Kg	✧	06/02/21 17:31	06/03/21 17:56	1
Beryllium	0.55		0.22	0.052	mg/Kg	✧	06/02/21 17:31	06/03/21 17:56	1
Cadmium	0.71		0.11	0.020	mg/Kg	✧	06/02/21 17:31	06/03/21 17:56	1
Calcium	100000	B	56	9.4	mg/Kg	✧	06/02/21 17:31	06/04/21 19:03	5
Chromium	25		0.56	0.28	mg/Kg	✧	06/02/21 17:31	06/03/21 17:56	1
Cobalt	8.8		0.28	0.073	mg/Kg	✧	06/02/21 17:31	06/03/21 17:56	1
Copper	33		0.56	0.16	mg/Kg	✧	06/02/21 17:31	06/03/21 17:56	1
Iron	20000		56	29	mg/Kg	✧	06/02/21 17:31	06/04/21 19:03	5
Lead	98		0.28	0.13	mg/Kg	✧	06/02/21 17:31	06/03/21 17:56	1
Magnesium	57000	B	28	14	mg/Kg	✧	06/02/21 17:31	06/04/21 19:03	5
Manganese	500		0.56	0.081	mg/Kg	✧	06/02/21 17:31	06/03/21 17:56	1
Nickel	21		0.56	0.16	mg/Kg	✧	06/02/21 17:31	06/04/21 18:59	1
Potassium	900		28	9.8	mg/Kg	✧	06/02/21 17:31	06/03/21 17:56	1
Selenium	<0.56		0.56	0.33	mg/Kg	✧	06/02/21 17:31	06/03/21 17:56	1
Silver	0.32		0.28	0.072	mg/Kg	✧	06/02/21 17:31	06/03/21 17:56	1
Sodium	1500		56	8.2	mg/Kg	✧	06/02/21 17:31	06/03/21 17:56	1
Thallium	<0.56		0.56	0.28	mg/Kg	✧	06/02/21 17:31	06/03/21 17:56	1
Vanadium	20		0.28	0.066	mg/Kg	✧	06/02/21 17:31	06/03/21 17:56	1
Zinc	260		1.1	0.49	mg/Kg	✧	06/02/21 17:31	06/04/21 18:59	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/21 13:05	06/04/21 12:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 11:33	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.027		0.018	0.0060	mg/Kg	✧	06/03/21 14:00	06/04/21 08:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.7		0.2	0.2	SU			06/03/21 14:42	1

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-34(0-2)-052721

Lab Sample ID: 500-199832-15

Date Collected: 05/27/21 11:10

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 74.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.020		0.020	0.0086	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
Benzene	<0.0020		0.0020	0.00051	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
Bromodichloromethane	<0.0020		0.0020	0.00040	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
Bromoform	<0.0020		0.0020	0.00058	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
Bromomethane	<0.0050		0.0050	0.0019	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
Carbon disulfide	<0.0050		0.0050	0.0010	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
Carbon tetrachloride	<0.0020		0.0020	0.00058	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
Chlorobenzene	<0.0020		0.0020	0.00073	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
Chloroethane	<0.0050		0.0050	0.0015	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
Chloroform	<0.0020		0.0020	0.00069	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
Chloromethane	<0.0050		0.0050	0.0020	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00055	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00060	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
Dibromochloromethane	<0.0020		0.0020	0.00065	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
1,1-Dichloroethane	<0.0020		0.0020	0.00068	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
1,2-Dichloroethane	<0.0050		0.0050	0.0015	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
1,1-Dichloroethene	<0.0020		0.0020	0.00068	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
1,2-Dichloropropane	<0.0020		0.0020	0.00051	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00070	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
Ethylbenzene	<0.0020		0.0020	0.00095	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
2-Hexanone	<0.0050		0.0050	0.0015	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
Methylene Chloride	<0.0050		0.0050	0.0020	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0022	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
methyl isobutyl ketone	<0.0050		0.0050	0.0015	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00058	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
Styrene	<0.0020		0.0020	0.00060	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00063	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
Tetrachloroethene	<0.0020		0.0020	0.00068	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
Toluene	<0.0020		0.0020	0.00050	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00088	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00070	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00067	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00085	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
Trichloroethene	<0.0020		0.0020	0.00067	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
Vinyl chloride	<0.0020		0.0020	0.00088	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1
Xylenes, Total	<0.0040		0.0040	0.00063	mg/Kg	☼	05/28/21 17:40	06/02/21 17:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		75 - 131	05/28/21 17:40	06/02/21 17:33	1
Dibromofluoromethane	106		75 - 126	05/28/21 17:40	06/02/21 17:33	1
1,2-Dichloroethane-d4 (Surr)	116		70 - 134	05/28/21 17:40	06/02/21 17:33	1
Toluene-d8 (Surr)	104		75 - 124	05/28/21 17:40	06/02/21 17:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.22		0.22	0.047	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
1,2-Dichlorobenzene	<0.22		0.22	0.052	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
1,3-Dichlorobenzene	<0.22		0.22	0.049	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
1,4-Dichlorobenzene	<0.22		0.22	0.056	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
2,2'-oxybis[1-chloropropane]	<0.22		0.22	0.051	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-34(0-2)-052721

Lab Sample ID: 500-199832-15

Date Collected: 05/27/21 11:10

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 74.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.43		0.43	0.10	mg/Kg	☆	06/03/21 07:33	06/03/21 20:33	1
2,4,6-Trichlorophenol	<0.43		0.43	0.15	mg/Kg	☆	06/03/21 07:33	06/03/21 20:33	1
2,4-Dichlorophenol	<0.43		0.43	0.10	mg/Kg	☆	06/03/21 07:33	06/03/21 20:33	1
2,4-Dimethylphenol	<0.43		0.43	0.17	mg/Kg	☆	06/03/21 07:33	06/03/21 20:33	1
2,4-Dinitrophenol	<0.88		0.88	0.77	mg/Kg	☆	06/03/21 07:33	06/03/21 20:33	1
2,4-Dinitrotoluene	<0.22		0.22	0.069	mg/Kg	☆	06/03/21 07:33	06/03/21 20:33	1
2,6-Dinitrotoluene	<0.22		0.22	0.086	mg/Kg	☆	06/03/21 07:33	06/03/21 20:33	1
2-Chloronaphthalene	<0.22		0.22	0.048	mg/Kg	☆	06/03/21 07:33	06/03/21 20:33	1
2-Chlorophenol	<0.22	*+	0.22	0.075	mg/Kg	☆	06/03/21 07:33	06/03/21 20:33	1
2-Methylnaphthalene	0.022	J	0.088	0.0080	mg/Kg	☆	06/03/21 07:33	06/03/21 20:33	1
2-Methylphenol	<0.22		0.22	0.070	mg/Kg	☆	06/03/21 07:33	06/03/21 20:33	1
2-Nitroaniline	<0.22		0.22	0.059	mg/Kg	☆	06/03/21 07:33	06/03/21 20:33	1
2-Nitrophenol	<0.43		0.43	0.10	mg/Kg	☆	06/03/21 07:33	06/03/21 20:33	1
3 & 4 Methylphenol	<0.22		0.22	0.073	mg/Kg	☆	06/03/21 07:33	06/03/21 20:33	1
3,3'-Dichlorobenzidine	<0.22		0.22	0.061	mg/Kg	☆	06/03/21 07:33	06/03/21 20:33	1
3-Nitroaniline	<0.43		0.43	0.14	mg/Kg	☆	06/03/21 07:33	06/03/21 20:33	1
4,6-Dinitro-2-methylphenol	<0.88		0.88	0.35	mg/Kg	☆	06/03/21 07:33	06/03/21 20:33	1
4-Bromophenyl phenyl ether	<0.22		0.22	0.058	mg/Kg	☆	06/03/21 07:33	06/03/21 20:33	1
4-Chloro-3-methylphenol	<0.43		0.43	0.15	mg/Kg	☆	06/03/21 07:33	06/03/21 20:33	1
4-Chloroaniline	<0.88		0.88	0.21	mg/Kg	☆	06/03/21 07:33	06/03/21 20:33	1
4-Chlorophenyl phenyl ether	<0.22		0.22	0.051	mg/Kg	☆	06/03/21 07:33	06/03/21 20:33	1
4-Nitroaniline	<0.43		0.43	0.18	mg/Kg	☆	06/03/21 07:33	06/03/21 20:33	1
4-Nitrophenol	<0.88		0.88	0.42	mg/Kg	☆	06/03/21 07:33	06/03/21 20:33	1
Acenaphthene	<0.043		0.043	0.0078	mg/Kg	☆	06/03/21 07:33	06/03/21 20:33	1
Acenaphthylene	<0.043		0.043	0.0058	mg/Kg	☆	06/03/21 07:33	06/03/21 20:33	1
Anthracene	0.020	J	0.043	0.0073	mg/Kg	☆	06/03/21 07:33	06/03/21 20:33	1
Benzo[a]anthracene	0.10		0.043	0.0059	mg/Kg	☆	06/03/21 07:33	06/03/21 20:33	1
Benzo[a]pyrene	0.13	*3	0.043	0.0085	mg/Kg	☆	06/03/21 07:33	06/03/21 20:33	1
Benzo[b]fluoranthene	0.20	*3	0.043	0.0094	mg/Kg	☆	06/03/21 07:33	06/03/21 20:33	1
Benzo[g,h,i]perylene	0.068	*3	0.043	0.014	mg/Kg	☆	06/03/21 07:33	06/03/21 20:33	1
Benzo[k]fluoranthene	0.096	*3	0.043	0.013	mg/Kg	☆	06/03/21 07:33	06/03/21 20:33	1
Bis(2-chloroethoxy)methane	<0.22		0.22	0.045	mg/Kg	☆	06/03/21 07:33	06/03/21 20:33	1
Bis(2-chloroethyl)ether	<0.22	*+	0.22	0.065	mg/Kg	☆	06/03/21 07:33	06/03/21 20:33	1
Bis(2-ethylhexyl) phthalate	<0.22		0.22	0.080	mg/Kg	☆	06/03/21 07:33	06/03/21 20:33	1
Butyl benzyl phthalate	<0.22		0.22	0.083	mg/Kg	☆	06/03/21 07:33	06/03/21 20:33	1
Carbazole	<0.22		0.22	0.11	mg/Kg	☆	06/03/21 07:33	06/03/21 20:33	1
Chrysene	0.13		0.043	0.012	mg/Kg	☆	06/03/21 07:33	06/03/21 20:33	1
Dibenz(a,h)anthracene	<0.043	*3	0.043	0.0084	mg/Kg	☆	06/03/21 07:33	06/03/21 20:33	1
Dibenzofuran	<0.22		0.22	0.051	mg/Kg	☆	06/03/21 07:33	06/03/21 20:33	1
Diethyl phthalate	<0.22		0.22	0.074	mg/Kg	☆	06/03/21 07:33	06/03/21 20:33	1
Dimethyl phthalate	<0.22		0.22	0.057	mg/Kg	☆	06/03/21 07:33	06/03/21 20:33	1
Di-n-butyl phthalate	<0.22		0.22	0.067	mg/Kg	☆	06/03/21 07:33	06/03/21 20:33	1
Di-n-octyl phthalate	<0.22		0.22	0.071	mg/Kg	☆	06/03/21 07:33	06/03/21 20:33	1
Fluoranthene	0.20		0.043	0.0081	mg/Kg	☆	06/03/21 07:33	06/03/21 20:33	1
Fluorene	<0.043		0.043	0.0061	mg/Kg	☆	06/03/21 07:33	06/03/21 20:33	1
Hexachlorobenzene	<0.088		0.088	0.010	mg/Kg	☆	06/03/21 07:33	06/03/21 20:33	1
Hexachlorobutadiene	<0.22		0.22	0.069	mg/Kg	☆	06/03/21 07:33	06/03/21 20:33	1
Hexachlorocyclopentadiene	<0.88		0.88	0.25	mg/Kg	☆	06/03/21 07:33	06/03/21 20:33	1
Hexachloroethane	<0.22		0.22	0.066	mg/Kg	☆	06/03/21 07:33	06/03/21 20:33	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-34(0-2)-052721

Lab Sample ID: 500-199832-15

Date Collected: 05/27/21 11:10

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 74.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.056	*3	0.043	0.011	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
Isophorone	<0.22		0.22	0.049	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
Naphthalene	0.016	J	0.043	0.0067	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
Nitrobenzene	<0.043		0.043	0.011	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
N-Nitrosodi-n-propylamine	<0.088		0.088	0.053	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
N-Nitrosodiphenylamine	<0.22		0.22	0.052	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
Pentachlorophenol	<0.88	*-	0.88	0.70	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
Phenanthrene	0.10		0.043	0.0061	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
Phenol	<0.22		0.22	0.097	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
Pyrene	0.21		0.043	0.0087	mg/Kg	☼	06/03/21 07:33	06/03/21 20:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	78		31 - 143				06/03/21 07:33	06/03/21 20:33	1
2-Fluorobiphenyl	79		43 - 145				06/03/21 07:33	06/03/21 20:33	1
2-Fluorophenol	78		31 - 166				06/03/21 07:33	06/03/21 20:33	1
Nitrobenzene-d5	63		37 - 147				06/03/21 07:33	06/03/21 20:33	1
Phenol-d5	88		30 - 153				06/03/21 07:33	06/03/21 20:33	1
Terphenyl-d14	104		42 - 157				06/03/21 07:33	06/03/21 20:33	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:28	06/04/21 12:01	1
Barium	0.79		0.50	0.050	mg/L		06/03/21 18:28	06/04/21 12:01	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:28	06/04/21 12:01	1
Cadmium	0.0026	J	0.0050	0.0020	mg/L		06/03/21 18:28	06/04/21 12:01	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 12:01	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 12:01	1
Copper	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 12:01	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:28	06/04/21 12:01	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/21 18:28	06/04/21 12:01	1
Manganese	0.78		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 12:01	1
Nickel	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 12:01	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:28	06/04/21 12:01	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 12:01	1
Zinc	0.15	J	0.50	0.020	mg/L		06/03/21 18:28	06/04/21 12:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.055		0.050	0.010	mg/L		06/03/21 18:31	06/04/21 12:35	1
Barium	0.93		0.50	0.050	mg/L		06/03/21 18:31	06/04/21 12:35	1
Beryllium	0.0069		0.0040	0.0040	mg/L		06/03/21 18:31	06/04/21 12:35	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:31	06/04/21 12:35	1
Chromium	0.15		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:35	1
Cobalt	0.045		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:35	1
Copper	0.14		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:35	1
Iron	150		0.40	0.20	mg/L		06/03/21 18:31	06/04/21 12:35	1
Lead	0.18		0.0075	0.0075	mg/L		06/03/21 18:31	06/04/21 12:35	1
Manganese	1.0		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:35	1
Nickel	0.13		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:35	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:31	06/04/21 12:35	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-34(0-2)-052721

Lab Sample ID: 500-199832-15

Date Collected: 05/27/21 11:10

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 74.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:35	1
Zinc	0.63		0.50	0.020	mg/L		06/03/21 18:31	06/04/21 12:35	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.83	J	1.3	0.24	mg/Kg	✧	06/02/21 17:31	06/03/21 17:59	1
Arsenic	9.4		0.63	0.21	mg/Kg	✧	06/02/21 17:31	06/03/21 17:59	1
Barium	95		0.63	0.072	mg/Kg	✧	06/02/21 17:31	06/03/21 17:59	1
Beryllium	0.73		0.25	0.059	mg/Kg	✧	06/02/21 17:31	06/03/21 17:59	1
Cadmium	0.26		0.13	0.023	mg/Kg	✧	06/02/21 17:31	06/03/21 17:59	1
Calcium	13000	B	13	2.1	mg/Kg	✧	06/02/21 17:31	06/03/21 17:59	1
Chromium	18		0.63	0.31	mg/Kg	✧	06/02/21 17:31	06/03/21 17:59	1
Cobalt	12		0.31	0.082	mg/Kg	✧	06/02/21 17:31	06/03/21 17:59	1
Copper	20		0.63	0.18	mg/Kg	✧	06/02/21 17:31	06/03/21 17:59	1
Iron	18000		13	6.5	mg/Kg	✧	06/02/21 17:31	06/03/21 17:59	1
Lead	29		0.31	0.14	mg/Kg	✧	06/02/21 17:31	06/03/21 17:59	1
Magnesium	8600	B	6.3	3.1	mg/Kg	✧	06/02/21 17:31	06/03/21 17:59	1
Manganese	480		0.63	0.091	mg/Kg	✧	06/02/21 17:31	06/03/21 17:59	1
Nickel	33		0.63	0.18	mg/Kg	✧	06/02/21 17:31	06/04/21 19:07	1
Potassium	1400		31	11	mg/Kg	✧	06/02/21 17:31	06/03/21 17:59	1
Selenium	0.56	J	0.63	0.37	mg/Kg	✧	06/02/21 17:31	06/03/21 17:59	1
Silver	0.65		0.31	0.081	mg/Kg	✧	06/02/21 17:31	06/03/21 17:59	1
Sodium	1500		63	9.3	mg/Kg	✧	06/02/21 17:31	06/03/21 17:59	1
Thallium	<0.63		0.63	0.31	mg/Kg	✧	06/02/21 17:31	06/03/21 17:59	1
Vanadium	27		0.31	0.074	mg/Kg	✧	06/02/21 17:31	06/03/21 17:59	1
Zinc	95		1.3	0.55	mg/Kg	✧	06/02/21 17:31	06/04/21 19:07	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/21 13:05	06/04/21 12:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 11:35	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.025		0.021	0.0069	mg/Kg	✧	06/03/21 14:00	06/04/21 08:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.1		0.2	0.2	SU			06/03/21 14:42	1

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-30(0-2)-052721

Lab Sample ID: 500-199832-17

Date Collected: 05/27/21 11:40

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 81.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.019		0.019	0.0082	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
Benzene	<0.0019		0.0019	0.00048	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
Bromodichloromethane	<0.0019		0.0019	0.00038	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
Bromoform	<0.0019		0.0019	0.00055	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
Bromomethane	<0.0047		0.0047	0.0018	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
Carbon disulfide	<0.0047		0.0047	0.00097	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
Carbon tetrachloride	<0.0019		0.0019	0.00054	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
Chlorobenzene	<0.0019		0.0019	0.00069	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
Chloroethane	<0.0047		0.0047	0.0014	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
Chloroform	<0.0019		0.0019	0.00065	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
Chloromethane	<0.0047		0.0047	0.0019	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00052	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00056	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
Dibromochloromethane	<0.0019		0.0019	0.00061	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
1,1-Dichloroethane	<0.0019		0.0019	0.00064	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
1,2-Dichloroethane	<0.0047		0.0047	0.0015	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
1,1-Dichloroethene	<0.0019		0.0019	0.00064	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
1,2-Dichloropropane	<0.0019		0.0019	0.00048	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00066	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
Ethylbenzene	<0.0019		0.0019	0.00090	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
2-Hexanone	<0.0047		0.0047	0.0015	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
Methylene Chloride	<0.0047		0.0047	0.0018	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
Methyl Ethyl Ketone	<0.0047		0.0047	0.0021	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
methyl isobutyl ketone	<0.0047		0.0047	0.0014	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00055	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
Styrene	<0.0019		0.0019	0.00057	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00060	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
Tetrachloroethene	<0.0019		0.0019	0.00064	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
Toluene	<0.0019		0.0019	0.00047	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00083	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00066	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00063	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00080	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
Trichloroethene	<0.0019		0.0019	0.00063	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
Vinyl chloride	<0.0019		0.0019	0.00083	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1
Xylenes, Total	<0.0037		0.0037	0.00060	mg/Kg	☼	05/28/21 17:40	06/02/21 18:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		75 - 131	05/28/21 17:40	06/02/21 18:24	1
Dibromofluoromethane	103		75 - 126	05/28/21 17:40	06/02/21 18:24	1
1,2-Dichloroethane-d4 (Surr)	113		70 - 134	05/28/21 17:40	06/02/21 18:24	1
Toluene-d8 (Surr)	104		75 - 124	05/28/21 17:40	06/02/21 18:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.043	mg/Kg	☼	06/03/21 07:33	06/03/21 21:53	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	06/03/21 07:33	06/03/21 21:53	1
1,3-Dichlorobenzene	<0.20		0.20	0.045	mg/Kg	☼	06/03/21 07:33	06/03/21 21:53	1
1,4-Dichlorobenzene	<0.20		0.20	0.051	mg/Kg	☼	06/03/21 07:33	06/03/21 21:53	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	☼	06/03/21 07:33	06/03/21 21:53	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-30(0-2)-052721

Lab Sample ID: 500-199832-17

Date Collected: 05/27/21 11:40

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 81.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.091	mg/Kg	☆	06/03/21 07:33	06/03/21 21:53	1
2,4,6-Trichlorophenol	<0.39		0.39	0.14	mg/Kg	☆	06/03/21 07:33	06/03/21 21:53	1
2,4-Dichlorophenol	<0.39		0.39	0.094	mg/Kg	☆	06/03/21 07:33	06/03/21 21:53	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	☆	06/03/21 07:33	06/03/21 21:53	1
2,4-Dinitrophenol	<0.80		0.80	0.70	mg/Kg	☆	06/03/21 07:33	06/03/21 21:53	1
2,4-Dinitrotoluene	<0.20		0.20	0.063	mg/Kg	☆	06/03/21 07:33	06/03/21 21:53	1
2,6-Dinitrotoluene	<0.20		0.20	0.078	mg/Kg	☆	06/03/21 07:33	06/03/21 21:53	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	☆	06/03/21 07:33	06/03/21 21:53	1
2-Chlorophenol	<0.20	*+	0.20	0.068	mg/Kg	☆	06/03/21 07:33	06/03/21 21:53	1
2-Methylnaphthalene	<0.080		0.080	0.0073	mg/Kg	☆	06/03/21 07:33	06/03/21 21:53	1
2-Methylphenol	<0.20		0.20	0.064	mg/Kg	☆	06/03/21 07:33	06/03/21 21:53	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	☆	06/03/21 07:33	06/03/21 21:53	1
2-Nitrophenol	<0.39		0.39	0.094	mg/Kg	☆	06/03/21 07:33	06/03/21 21:53	1
3 & 4 Methylphenol	<0.20		0.20	0.066	mg/Kg	☆	06/03/21 07:33	06/03/21 21:53	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.056	mg/Kg	☆	06/03/21 07:33	06/03/21 21:53	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☆	06/03/21 07:33	06/03/21 21:53	1
4,6-Dinitro-2-methylphenol	<0.80		0.80	0.32	mg/Kg	☆	06/03/21 07:33	06/03/21 21:53	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☆	06/03/21 07:33	06/03/21 21:53	1
4-Chloro-3-methylphenol	<0.39		0.39	0.14	mg/Kg	☆	06/03/21 07:33	06/03/21 21:53	1
4-Chloroaniline	<0.80		0.80	0.19	mg/Kg	☆	06/03/21 07:33	06/03/21 21:53	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	☆	06/03/21 07:33	06/03/21 21:53	1
4-Nitroaniline	<0.39		0.39	0.17	mg/Kg	☆	06/03/21 07:33	06/03/21 21:53	1
4-Nitrophenol	<0.80		0.80	0.38	mg/Kg	☆	06/03/21 07:33	06/03/21 21:53	1
Acenaphthene	0.014	J	0.039	0.0071	mg/Kg	☆	06/03/21 07:33	06/03/21 21:53	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	☆	06/03/21 07:33	06/03/21 21:53	1
Anthracene	0.041		0.039	0.0066	mg/Kg	☆	06/03/21 07:33	06/03/21 21:53	1
Benzo[a]anthracene	0.12		0.039	0.0053	mg/Kg	☆	06/03/21 07:33	06/03/21 21:53	1
Benzo[a]pyrene	0.13	*3	0.039	0.0077	mg/Kg	☆	06/03/21 07:33	06/03/21 21:53	1
Benzo[b]fluoranthene	0.19	*3	0.039	0.0086	mg/Kg	☆	06/03/21 07:33	06/03/21 21:53	1
Benzo[g,h,i]perylene	0.043	*3	0.039	0.013	mg/Kg	☆	06/03/21 07:33	06/03/21 21:53	1
Benzo[k]fluoranthene	0.092	*3	0.039	0.012	mg/Kg	☆	06/03/21 07:33	06/03/21 21:53	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.041	mg/Kg	☆	06/03/21 07:33	06/03/21 21:53	1
Bis(2-chloroethyl)ether	<0.20	*+	0.20	0.060	mg/Kg	☆	06/03/21 07:33	06/03/21 21:53	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.073	mg/Kg	☆	06/03/21 07:33	06/03/21 21:53	1
Butyl benzyl phthalate	<0.20		0.20	0.076	mg/Kg	☆	06/03/21 07:33	06/03/21 21:53	1
Carbazole	<0.20		0.20	0.099	mg/Kg	☆	06/03/21 07:33	06/03/21 21:53	1
Chrysene	0.13		0.039	0.011	mg/Kg	☆	06/03/21 07:33	06/03/21 21:53	1
Dibenz(a,h)anthracene	<0.039	*3	0.039	0.0077	mg/Kg	☆	06/03/21 07:33	06/03/21 21:53	1
Dibenzofuran	<0.20		0.20	0.047	mg/Kg	☆	06/03/21 07:33	06/03/21 21:53	1
Diethyl phthalate	<0.20		0.20	0.067	mg/Kg	☆	06/03/21 07:33	06/03/21 21:53	1
Dimethyl phthalate	<0.20		0.20	0.052	mg/Kg	☆	06/03/21 07:33	06/03/21 21:53	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	☆	06/03/21 07:33	06/03/21 21:53	1
Di-n-octyl phthalate	<0.20		0.20	0.065	mg/Kg	☆	06/03/21 07:33	06/03/21 21:53	1
Fluoranthene	0.24		0.039	0.0074	mg/Kg	☆	06/03/21 07:33	06/03/21 21:53	1
Fluorene	0.014	J	0.039	0.0056	mg/Kg	☆	06/03/21 07:33	06/03/21 21:53	1
Hexachlorobenzene	<0.080		0.080	0.0092	mg/Kg	☆	06/03/21 07:33	06/03/21 21:53	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	☆	06/03/21 07:33	06/03/21 21:53	1
Hexachlorocyclopentadiene	<0.80		0.80	0.23	mg/Kg	☆	06/03/21 07:33	06/03/21 21:53	1
Hexachloroethane	<0.20		0.20	0.060	mg/Kg	☆	06/03/21 07:33	06/03/21 21:53	1

Euofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-30(0-2)-052721

Lab Sample ID: 500-199832-17

Date Collected: 05/27/21 11:40

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 81.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.048	*3	0.039	0.010	mg/Kg	☼	06/03/21 07:33	06/03/21 21:53	1
Isophorone	<0.20		0.20	0.045	mg/Kg	☼	06/03/21 07:33	06/03/21 21:53	1
Naphthalene	0.0099	J	0.039	0.0061	mg/Kg	☼	06/03/21 07:33	06/03/21 21:53	1
Nitrobenzene	<0.039		0.039	0.0099	mg/Kg	☼	06/03/21 07:33	06/03/21 21:53	1
N-Nitrosodi-n-propylamine	<0.080		0.080	0.049	mg/Kg	☼	06/03/21 07:33	06/03/21 21:53	1
N-Nitrosodiphenylamine	<0.20		0.20	0.047	mg/Kg	☼	06/03/21 07:33	06/03/21 21:53	1
Pentachlorophenol	<0.80	*-	0.80	0.64	mg/Kg	☼	06/03/21 07:33	06/03/21 21:53	1
Phenanthrene	0.16		0.039	0.0055	mg/Kg	☼	06/03/21 07:33	06/03/21 21:53	1
Phenol	<0.20		0.20	0.088	mg/Kg	☼	06/03/21 07:33	06/03/21 21:53	1
Pyrene	0.33		0.039	0.0079	mg/Kg	☼	06/03/21 07:33	06/03/21 21:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	83		31 - 143				06/03/21 07:33	06/03/21 21:53	1
2-Fluorobiphenyl	75		43 - 145				06/03/21 07:33	06/03/21 21:53	1
2-Fluorophenol	83		31 - 166				06/03/21 07:33	06/03/21 21:53	1
Nitrobenzene-d5	67		37 - 147				06/03/21 07:33	06/03/21 21:53	1
Phenol-d5	91		30 - 153				06/03/21 07:33	06/03/21 21:53	1
Terphenyl-d14	140		42 - 157				06/03/21 07:33	06/03/21 21:53	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:28	06/04/21 12:16	1
Barium	0.59		0.50	0.050	mg/L		06/03/21 18:28	06/04/21 12:16	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:28	06/04/21 12:16	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:28	06/04/21 12:16	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 12:16	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 12:16	1
Copper	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 12:16	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:28	06/04/21 12:16	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/21 18:28	06/04/21 12:16	1
Manganese	0.43		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 12:16	1
Nickel	0.049		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 12:16	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:28	06/04/21 12:16	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 12:16	1
Zinc	0.021	J	0.50	0.020	mg/L		06/03/21 18:28	06/04/21 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.075		0.050	0.010	mg/L		06/03/21 18:31	06/04/21 12:47	1
Barium	0.90		0.50	0.050	mg/L		06/03/21 18:31	06/04/21 12:47	1
Beryllium	0.010		0.0040	0.0040	mg/L		06/03/21 18:31	06/04/21 12:47	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:31	06/04/21 12:47	1
Chromium	0.21		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:47	1
Cobalt	0.054		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:47	1
Copper	0.20		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:47	1
Iron	230		0.40	0.20	mg/L		06/03/21 18:31	06/04/21 12:47	1
Lead	0.12		0.0075	0.0075	mg/L		06/03/21 18:31	06/04/21 12:47	1
Manganese	0.89		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:47	1
Nickel	0.19		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:47	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:31	06/04/21 12:47	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-30(0-2)-052721

Lab Sample ID: 500-199832-17

Date Collected: 05/27/21 11:40

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 81.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:47	1
Zinc	0.71		0.50	0.020	mg/L		06/03/21 18:31	06/04/21 12:47	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.71	J	1.1	0.22	mg/Kg	☆	06/02/21 17:31	06/03/21 18:06	1
Arsenic	6.4		0.57	0.20	mg/Kg	☆	06/02/21 17:31	06/03/21 18:06	1
Barium	110		0.57	0.065	mg/Kg	☆	06/02/21 17:31	06/03/21 18:06	1
Beryllium	0.78		0.23	0.053	mg/Kg	☆	06/02/21 17:31	06/03/21 18:06	1
Cadmium	0.21		0.11	0.021	mg/Kg	☆	06/02/21 17:31	06/03/21 18:06	1
Calcium	17000	B	11	1.9	mg/Kg	☆	06/02/21 17:31	06/03/21 18:06	1
Chromium	17		0.57	0.28	mg/Kg	☆	06/02/21 17:31	06/03/21 18:06	1
Cobalt	11		0.29	0.075	mg/Kg	☆	06/02/21 17:31	06/03/21 18:06	1
Copper	21		0.57	0.16	mg/Kg	☆	06/02/21 17:31	06/03/21 18:06	1
Iron	18000		11	5.9	mg/Kg	☆	06/02/21 17:31	06/03/21 18:06	1
Lead	20		0.29	0.13	mg/Kg	☆	06/02/21 17:31	06/03/21 18:06	1
Magnesium	12000	B	5.7	2.8	mg/Kg	☆	06/02/21 17:31	06/03/21 18:06	1
Manganese	380		0.57	0.083	mg/Kg	☆	06/02/21 17:31	06/03/21 18:06	1
Nickel	27		0.57	0.17	mg/Kg	☆	06/02/21 17:31	06/04/21 19:29	1
Potassium	1300		29	10	mg/Kg	☆	06/02/21 17:31	06/03/21 18:06	1
Selenium	0.43	J	0.57	0.34	mg/Kg	☆	06/02/21 17:31	06/03/21 18:06	1
Silver	0.60		0.29	0.074	mg/Kg	☆	06/02/21 17:31	06/03/21 18:06	1
Sodium	2200		57	8.4	mg/Kg	☆	06/02/21 17:31	06/03/21 18:06	1
Thallium	<0.57		0.57	0.28	mg/Kg	☆	06/02/21 17:31	06/03/21 18:06	1
Vanadium	26		0.29	0.067	mg/Kg	☆	06/02/21 17:31	06/03/21 18:06	1
Zinc	77		1.1	0.50	mg/Kg	☆	06/02/21 17:31	06/04/21 19:29	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/21 13:05	06/04/21 12:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 11:40	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.028		0.019	0.0063	mg/Kg	☆	06/03/21 14:00	06/04/21 08:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.4		0.2	0.2	SU			06/03/21 14:42	1

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-28(0-2)-052721

Lab Sample ID: 500-199832-18

Date Collected: 05/27/21 12:05

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 83.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.020		0.020	0.0088	mg/Kg	✱	05/28/21 17:40	06/02/21 18:50	1
Benzene	<0.0020		0.0020	0.00052	mg/Kg	✱	05/28/21 17:40	06/02/21 18:50	1
Bromodichloromethane	<0.0020		0.0020	0.00041	mg/Kg	✱	05/28/21 17:40	06/02/21 18:50	1
Bromoform	<0.0020		0.0020	0.00059	mg/Kg	✱	05/28/21 17:40	06/02/21 18:50	1
Bromomethane	<0.0051		0.0051	0.0019	mg/Kg	✱	05/28/21 17:40	06/02/21 18:50	1
Carbon disulfide	<0.0051		0.0051	0.0011	mg/Kg	✱	05/28/21 17:40	06/02/21 18:50	1
Carbon tetrachloride	<0.0020		0.0020	0.00059	mg/Kg	✱	05/28/21 17:40	06/02/21 18:50	1
Chlorobenzene	<0.0020		0.0020	0.00075	mg/Kg	✱	05/28/21 17:40	06/02/21 18:50	1
Chloroethane	<0.0051		0.0051	0.0015	mg/Kg	✱	05/28/21 17:40	06/02/21 18:50	1
Chloroform	<0.0020		0.0020	0.00070	mg/Kg	✱	05/28/21 17:40	06/02/21 18:50	1
Chloromethane	<0.0051		0.0051	0.0020	mg/Kg	✱	05/28/21 17:40	06/02/21 18:50	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00057	mg/Kg	✱	05/28/21 17:40	06/02/21 18:50	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00061	mg/Kg	✱	05/28/21 17:40	06/02/21 18:50	1
Dibromochloromethane	<0.0020		0.0020	0.00066	mg/Kg	✱	05/28/21 17:40	06/02/21 18:50	1
1,1-Dichloroethane	<0.0020		0.0020	0.00069	mg/Kg	✱	05/28/21 17:40	06/02/21 18:50	1
1,2-Dichloroethane	<0.0051		0.0051	0.0016	mg/Kg	✱	05/28/21 17:40	06/02/21 18:50	1
1,1-Dichloroethene	<0.0020		0.0020	0.00070	mg/Kg	✱	05/28/21 17:40	06/02/21 18:50	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg	✱	05/28/21 17:40	06/02/21 18:50	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00071	mg/Kg	✱	05/28/21 17:40	06/02/21 18:50	1
Ethylbenzene	<0.0020		0.0020	0.00097	mg/Kg	✱	05/28/21 17:40	06/02/21 18:50	1
2-Hexanone	<0.0051		0.0051	0.0016	mg/Kg	✱	05/28/21 17:40	06/02/21 18:50	1
Methylene Chloride	<0.0051		0.0051	0.0020	mg/Kg	✱	05/28/21 17:40	06/02/21 18:50	1
Methyl Ethyl Ketone	<0.0051		0.0051	0.0023	mg/Kg	✱	05/28/21 17:40	06/02/21 18:50	1
methyl isobutyl ketone	<0.0051		0.0051	0.0015	mg/Kg	✱	05/28/21 17:40	06/02/21 18:50	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00060	mg/Kg	✱	05/28/21 17:40	06/02/21 18:50	1
Styrene	<0.0020		0.0020	0.00061	mg/Kg	✱	05/28/21 17:40	06/02/21 18:50	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00065	mg/Kg	✱	05/28/21 17:40	06/02/21 18:50	1
Tetrachloroethene	<0.0020		0.0020	0.00069	mg/Kg	✱	05/28/21 17:40	06/02/21 18:50	1
Toluene	<0.0020		0.0020	0.00051	mg/Kg	✱	05/28/21 17:40	06/02/21 18:50	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00090	mg/Kg	✱	05/28/21 17:40	06/02/21 18:50	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00071	mg/Kg	✱	05/28/21 17:40	06/02/21 18:50	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00068	mg/Kg	✱	05/28/21 17:40	06/02/21 18:50	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00087	mg/Kg	✱	05/28/21 17:40	06/02/21 18:50	1
Trichloroethene	<0.0020		0.0020	0.00069	mg/Kg	✱	05/28/21 17:40	06/02/21 18:50	1
Vinyl chloride	<0.0020		0.0020	0.00090	mg/Kg	✱	05/28/21 17:40	06/02/21 18:50	1
Xylenes, Total	<0.0041		0.0041	0.00065	mg/Kg	✱	05/28/21 17:40	06/02/21 18:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		75 - 131	05/28/21 17:40	06/02/21 18:50	1
Dibromofluoromethane	101		75 - 126	05/28/21 17:40	06/02/21 18:50	1
1,2-Dichloroethane-d4 (Surr)	109		70 - 134	05/28/21 17:40	06/02/21 18:50	1
Toluene-d8 (Surr)	103		75 - 124	05/28/21 17:40	06/02/21 18:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	✱	06/03/21 07:33	06/03/21 23:54	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	✱	06/03/21 07:33	06/03/21 23:54	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	✱	06/03/21 07:33	06/03/21 23:54	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	✱	06/03/21 07:33	06/03/21 23:54	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	✱	06/03/21 07:33	06/03/21 23:54	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-28(0-2)-052721

Lab Sample ID: 500-199832-18

Date Collected: 05/27/21 12:05

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 83.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.087	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
2,4-Dichlorophenol	<0.38		0.38	0.091	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
2,4-Dimethylphenol	<0.38		0.38	0.15	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
2,4-Dinitrophenol	<0.77		0.77	0.68	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
2,4-Dinitrotoluene	<0.19		0.19	0.061	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
2,6-Dinitrotoluene	<0.19		0.19	0.075	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
2-Chlorophenol	<0.19	*+	0.19	0.065	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
2-Methylnaphthalene	<0.077		0.077	0.0071	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
2-Methylphenol	<0.19		0.19	0.062	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
2-Nitroaniline	<0.19		0.19	0.052	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
2-Nitrophenol	<0.38		0.38	0.091	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
3 & 4 Methylphenol	<0.19		0.19	0.064	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
3,3'-Dichlorobenzidine	<0.19	*3	0.19	0.054	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
4,6-Dinitro-2-methylphenol	<0.77		0.77	0.31	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.051	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
4-Chloroaniline	<0.77		0.77	0.18	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
4-Nitrophenol	<0.77		0.77	0.36	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
Acenaphthene	<0.038		0.038	0.0069	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
Acenaphthylene	0.0085	J	0.038	0.0051	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
Anthracene	0.017	J	0.038	0.0064	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
Benzo[a]anthracene	0.082	*3	0.038	0.0052	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
Benzo[a]pyrene	0.11	*3	0.038	0.0074	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
Benzo[b]fluoranthene	0.19	*3	0.038	0.0083	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
Benzo[g,h,i]perylene	0.085	*3	0.038	0.012	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
Benzo[k]fluoranthene	0.076	*3	0.038	0.011	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
Bis(2-chloroethyl)ether	<0.19	*+	0.19	0.057	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
Bis(2-ethylhexyl) phthalate	<0.19	*3	0.19	0.070	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
Butyl benzyl phthalate	<0.19	*3	0.19	0.073	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
Carbazole	<0.19		0.19	0.096	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
Chrysene	0.11	*3	0.038	0.010	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
Dibenz(a,h)anthracene	<0.038	*3	0.038	0.0074	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
Diethyl phthalate	<0.19		0.19	0.065	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
Di-n-butyl phthalate	<0.19		0.19	0.058	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
Di-n-octyl phthalate	<0.19		0.19	0.063	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
Fluoranthene	0.12		0.038	0.0071	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
Fluorene	<0.038		0.038	0.0054	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
Hexachlorobenzene	<0.077		0.077	0.0089	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
Hexachlorobutadiene	<0.19		0.19	0.060	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
Hexachlorocyclopentadiene	<0.77		0.77	0.22	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1
Hexachloroethane	<0.19		0.19	0.058	mg/Kg	✳	06/03/21 07:33	06/03/21 23:54	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-28(0-2)-052721

Lab Sample ID: 500-199832-18

Date Collected: 05/27/21 12:05

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 83.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.057	*3	0.038	0.0099	mg/Kg	☼	06/03/21 07:33	06/03/21 23:54	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	06/03/21 07:33	06/03/21 23:54	1
Naphthalene	0.0065	J	0.038	0.0059	mg/Kg	☼	06/03/21 07:33	06/03/21 23:54	1
Nitrobenzene	<0.038		0.038	0.0096	mg/Kg	☼	06/03/21 07:33	06/03/21 23:54	1
N-Nitrosodi-n-propylamine	<0.077		0.077	0.047	mg/Kg	☼	06/03/21 07:33	06/03/21 23:54	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	☼	06/03/21 07:33	06/03/21 23:54	1
Pentachlorophenol	<0.77	*-	0.77	0.62	mg/Kg	☼	06/03/21 07:33	06/03/21 23:54	1
Phenanthrene	0.079		0.038	0.0053	mg/Kg	☼	06/03/21 07:33	06/03/21 23:54	1
Phenol	<0.19		0.19	0.085	mg/Kg	☼	06/03/21 07:33	06/03/21 23:54	1
Pyrene	0.28	*3	0.038	0.0076	mg/Kg	☼	06/03/21 07:33	06/03/21 23:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	83		31 - 143				06/03/21 07:33	06/03/21 23:54	1
2-Fluorobiphenyl	89		43 - 145				06/03/21 07:33	06/03/21 23:54	1
2-Fluorophenol	101		31 - 166				06/03/21 07:33	06/03/21 23:54	1
Nitrobenzene-d5	82		37 - 147				06/03/21 07:33	06/03/21 23:54	1
Phenol-d5	104		30 - 153				06/03/21 07:33	06/03/21 23:54	1
Terphenyl-d14	213	*3 S1+	42 - 157				06/03/21 07:33	06/03/21 23:54	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:28	06/04/21 12:20	1
Barium	0.46	J	0.50	0.050	mg/L		06/03/21 18:28	06/04/21 12:20	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:28	06/04/21 12:20	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:28	06/04/21 12:20	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 12:20	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 12:20	1
Copper	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 12:20	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:28	06/04/21 12:20	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/21 18:28	06/04/21 12:20	1
Manganese	0.61		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 12:20	1
Nickel	0.13		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 12:20	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:28	06/04/21 12:20	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 12:20	1
Zinc	0.026	J	0.50	0.020	mg/L		06/03/21 18:28	06/04/21 12:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.067		0.050	0.010	mg/L		06/03/21 18:31	06/04/21 12:50	1
Barium	0.50		0.50	0.050	mg/L		06/03/21 18:31	06/04/21 12:50	1
Beryllium	0.0066		0.0040	0.0040	mg/L		06/03/21 18:31	06/04/21 12:50	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:31	06/04/21 12:50	1
Chromium	0.13		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:50	1
Cobalt	0.041		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:50	1
Copper	0.15		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:50	1
Iron	150		0.40	0.20	mg/L		06/03/21 18:31	06/04/21 12:50	1
Lead	0.17		0.0075	0.0075	mg/L		06/03/21 18:31	06/04/21 12:50	1
Manganese	0.72		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:50	1
Nickel	0.14		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:50	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:31	06/04/21 12:50	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-28(0-2)-052721

Lab Sample ID: 500-199832-18

Date Collected: 05/27/21 12:05

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 83.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:50	1
Zinc	0.52		0.50	0.020	mg/L		06/03/21 18:31	06/04/21 12:50	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.56	J	1.2	0.22	mg/Kg	✧	06/02/21 17:31	06/03/21 18:09	1
Arsenic	7.9		0.58	0.20	mg/Kg	✧	06/02/21 17:31	06/03/21 18:09	1
Barium	45		0.58	0.066	mg/Kg	✧	06/02/21 17:31	06/03/21 18:09	1
Beryllium	0.68		0.23	0.054	mg/Kg	✧	06/02/21 17:31	06/03/21 18:09	1
Cadmium	0.21		0.12	0.021	mg/Kg	✧	06/02/21 17:31	06/03/21 18:09	1
Calcium	68000	B	58	9.8	mg/Kg	✧	06/02/21 17:31	06/04/21 19:36	5
Chromium	16		0.58	0.29	mg/Kg	✧	06/02/21 17:31	06/03/21 18:09	1
Cobalt	12		0.29	0.076	mg/Kg	✧	06/02/21 17:31	06/03/21 18:09	1
Copper	28		0.58	0.16	mg/Kg	✧	06/02/21 17:31	06/03/21 18:09	1
Iron	17000		12	6.0	mg/Kg	✧	06/02/21 17:31	06/03/21 18:09	1
Lead	20		0.29	0.13	mg/Kg	✧	06/02/21 17:31	06/03/21 18:09	1
Magnesium	28000	B	5.8	2.9	mg/Kg	✧	06/02/21 17:31	06/03/21 18:09	1
Manganese	370		0.58	0.084	mg/Kg	✧	06/02/21 17:31	06/03/21 18:09	1
Nickel	29		0.58	0.17	mg/Kg	✧	06/02/21 17:31	06/04/21 19:32	1
Potassium	1800		29	10	mg/Kg	✧	06/02/21 17:31	06/03/21 18:09	1
Selenium	<0.58		0.58	0.34	mg/Kg	✧	06/02/21 17:31	06/03/21 18:09	1
Silver	0.45		0.29	0.075	mg/Kg	✧	06/02/21 17:31	06/03/21 18:09	1
Sodium	1500		58	8.6	mg/Kg	✧	06/02/21 17:31	06/03/21 18:09	1
Thallium	<0.58		0.58	0.29	mg/Kg	✧	06/02/21 17:31	06/03/21 18:09	1
Vanadium	21		0.29	0.068	mg/Kg	✧	06/02/21 17:31	06/03/21 18:09	1
Zinc	72		1.2	0.51	mg/Kg	✧	06/02/21 17:31	06/04/21 19:32	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/21 13:05	06/04/21 12:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 11:42	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.034		0.019	0.0063	mg/Kg	✧	06/03/21 14:00	06/04/21 08:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.6		0.2	0.2	SU			06/03/21 14:42	1

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-26(0-2)-052721

Lab Sample ID: 500-199832-19

Date Collected: 05/27/21 12:15

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 85.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018		0.018	0.0078	mg/Kg	☼	05/28/21 17:40	06/02/21 19:15	1
Benzene	<0.0018		0.0018	0.00045	mg/Kg	☼	05/28/21 17:40	06/02/21 19:15	1
Bromodichloromethane	<0.0018		0.0018	0.00036	mg/Kg	☼	05/28/21 17:40	06/02/21 19:15	1
Bromoform	<0.0018		0.0018	0.00052	mg/Kg	☼	05/28/21 17:40	06/02/21 19:15	1
Bromomethane	<0.0045		0.0045	0.0017	mg/Kg	☼	05/28/21 17:40	06/02/21 19:15	1
Carbon disulfide	<0.0045		0.0045	0.00093	mg/Kg	☼	05/28/21 17:40	06/02/21 19:15	1
Carbon tetrachloride	<0.0018		0.0018	0.00052	mg/Kg	☼	05/28/21 17:40	06/02/21 19:15	1
Chlorobenzene	<0.0018		0.0018	0.00066	mg/Kg	☼	05/28/21 17:40	06/02/21 19:15	1
Chloroethane	<0.0045		0.0045	0.0013	mg/Kg	☼	05/28/21 17:40	06/02/21 19:15	1
Chloroform	<0.0018		0.0018	0.00062	mg/Kg	☼	05/28/21 17:40	06/02/21 19:15	1
Chloromethane	<0.0045		0.0045	0.0018	mg/Kg	☼	05/28/21 17:40	06/02/21 19:15	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00050	mg/Kg	☼	05/28/21 17:40	06/02/21 19:15	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00054	mg/Kg	☼	05/28/21 17:40	06/02/21 19:15	1
Dibromochloromethane	<0.0018		0.0018	0.00058	mg/Kg	☼	05/28/21 17:40	06/02/21 19:15	1
1,1-Dichloroethane	<0.0018		0.0018	0.00061	mg/Kg	☼	05/28/21 17:40	06/02/21 19:15	1
1,2-Dichloroethane	<0.0045		0.0045	0.0014	mg/Kg	☼	05/28/21 17:40	06/02/21 19:15	1
1,1-Dichloroethene	<0.0018		0.0018	0.00061	mg/Kg	☼	05/28/21 17:40	06/02/21 19:15	1
1,2-Dichloropropane	<0.0018		0.0018	0.00046	mg/Kg	☼	05/28/21 17:40	06/02/21 19:15	1
1,3-Dichloropropane, Total	<0.0018		0.0018	0.00063	mg/Kg	☼	05/28/21 17:40	06/02/21 19:15	1
Ethylbenzene	<0.0018		0.0018	0.00085	mg/Kg	☼	05/28/21 17:40	06/02/21 19:15	1
2-Hexanone	<0.0045		0.0045	0.0014	mg/Kg	☼	05/28/21 17:40	06/02/21 19:15	1
Methylene Chloride	<0.0045		0.0045	0.0018	mg/Kg	☼	05/28/21 17:40	06/02/21 19:15	1
Methyl Ethyl Ketone	<0.0045		0.0045	0.0020	mg/Kg	☼	05/28/21 17:40	06/02/21 19:15	1
methyl isobutyl ketone	<0.0045		0.0045	0.0013	mg/Kg	☼	05/28/21 17:40	06/02/21 19:15	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00052	mg/Kg	☼	05/28/21 17:40	06/02/21 19:15	1
Styrene	<0.0018		0.0018	0.00054	mg/Kg	☼	05/28/21 17:40	06/02/21 19:15	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00057	mg/Kg	☼	05/28/21 17:40	06/02/21 19:15	1
Tetrachloroethene	<0.0018		0.0018	0.00061	mg/Kg	☼	05/28/21 17:40	06/02/21 19:15	1
Toluene	<0.0018		0.0018	0.00045	mg/Kg	☼	05/28/21 17:40	06/02/21 19:15	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00079	mg/Kg	☼	05/28/21 17:40	06/02/21 19:15	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00063	mg/Kg	☼	05/28/21 17:40	06/02/21 19:15	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00060	mg/Kg	☼	05/28/21 17:40	06/02/21 19:15	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00076	mg/Kg	☼	05/28/21 17:40	06/02/21 19:15	1
Trichloroethene	<0.0018		0.0018	0.00060	mg/Kg	☼	05/28/21 17:40	06/02/21 19:15	1
Vinyl chloride	<0.0018		0.0018	0.00079	mg/Kg	☼	05/28/21 17:40	06/02/21 19:15	1
Xylenes, Total	<0.0036		0.0036	0.00057	mg/Kg	☼	05/28/21 17:40	06/02/21 19:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		75 - 131	05/28/21 17:40	06/02/21 19:15	1
Dibromofluoromethane	104		75 - 126	05/28/21 17:40	06/02/21 19:15	1
1,2-Dichloroethane-d4 (Surr)	112		70 - 134	05/28/21 17:40	06/02/21 19:15	1
Toluene-d8 (Surr)	102		75 - 124	05/28/21 17:40	06/02/21 19:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	06/03/21 07:33	06/03/21 22:54	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	☼	06/03/21 07:33	06/03/21 22:54	1
1,3-Dichlorobenzene	<0.19		0.19	0.044	mg/Kg	☼	06/03/21 07:33	06/03/21 22:54	1
1,4-Dichlorobenzene	<0.19		0.19	0.050	mg/Kg	☼	06/03/21 07:33	06/03/21 22:54	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.045	mg/Kg	☼	06/03/21 07:33	06/03/21 22:54	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-26(0-2)-052721

Lab Sample ID: 500-199832-19

Date Collected: 05/27/21 12:15

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 85.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.088	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
2,4-Dichlorophenol	<0.38		0.38	0.092	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
2,4-Dimethylphenol	<0.38		0.38	0.15	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
2,4-Dinitrophenol	<0.78		0.78	0.68	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
2,4-Dinitrotoluene	<0.19		0.19	0.062	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
2,6-Dinitrotoluene	<0.19		0.19	0.076	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
2-Chloronaphthalene	<0.19		0.19	0.043	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
2-Chlorophenol	<0.19	*+	0.19	0.066	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
2-Methylnaphthalene	<0.078		0.078	0.0071	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
2-Methylphenol	<0.19		0.19	0.062	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
2-Nitroaniline	<0.19		0.19	0.052	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
2-Nitrophenol	<0.38		0.38	0.091	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
3 & 4 Methylphenol	<0.19		0.19	0.065	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.054	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
4,6-Dinitro-2-methylphenol	<0.78		0.78	0.31	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.051	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
4-Chloroaniline	<0.78		0.78	0.18	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
4-Nitrophenol	<0.78		0.78	0.37	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
Acenaphthene	<0.038		0.038	0.0070	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
Acenaphthylene	<0.038		0.038	0.0051	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
Anthracene	0.0087	J	0.038	0.0065	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
Benzo[a]anthracene	0.039		0.038	0.0052	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
Benzo[a]pyrene	0.060	*3	0.038	0.0075	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
Benzo[b]fluoranthene	0.11	*3	0.038	0.0084	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
Benzo[g,h,i]perylene	0.036	J *3	0.038	0.012	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
Benzo[k]fluoranthene	0.033	J *3	0.038	0.011	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
Bis(2-chloroethyl)ether	<0.19	*+	0.19	0.058	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.071	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
Butyl benzyl phthalate	<0.19		0.19	0.074	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
Carbazole	<0.19		0.19	0.097	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
Chrysene	0.055		0.038	0.011	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
Dibenz(a,h)anthracene	<0.038	*3	0.038	0.0075	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
Diethyl phthalate	<0.19		0.19	0.066	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
Dimethyl phthalate	<0.19		0.19	0.051	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
Di-n-butyl phthalate	<0.19		0.19	0.059	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
Di-n-octyl phthalate	<0.19		0.19	0.063	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
Fluoranthene	0.064		0.038	0.0072	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
Fluorene	<0.038		0.038	0.0054	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
Hexachlorobenzene	<0.078		0.078	0.0090	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
Hexachlorobutadiene	<0.19		0.19	0.061	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
Hexachlorocyclopentadiene	<0.78		0.78	0.22	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1
Hexachloroethane	<0.19		0.19	0.059	mg/Kg	☆	06/03/21 07:33	06/03/21 22:54	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-26(0-2)-052721

Lab Sample ID: 500-199832-19

Date Collected: 05/27/21 12:15

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 85.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.024	J*3	0.038	0.010	mg/Kg	☼	06/03/21 07:33	06/03/21 22:54	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	06/03/21 07:33	06/03/21 22:54	1
Naphthalene	<0.038		0.038	0.0060	mg/Kg	☼	06/03/21 07:33	06/03/21 22:54	1
Nitrobenzene	<0.038		0.038	0.0097	mg/Kg	☼	06/03/21 07:33	06/03/21 22:54	1
N-Nitrosodi-n-propylamine	<0.078		0.078	0.047	mg/Kg	☼	06/03/21 07:33	06/03/21 22:54	1
N-Nitrosodiphenylamine	<0.19		0.19	0.046	mg/Kg	☼	06/03/21 07:33	06/03/21 22:54	1
Pentachlorophenol	<0.78	*-	0.78	0.62	mg/Kg	☼	06/03/21 07:33	06/03/21 22:54	1
Phenanthrene	0.034	J	0.038	0.0054	mg/Kg	☼	06/03/21 07:33	06/03/21 22:54	1
Phenol	<0.19		0.19	0.086	mg/Kg	☼	06/03/21 07:33	06/03/21 22:54	1
Pyrene	0.11		0.038	0.0077	mg/Kg	☼	06/03/21 07:33	06/03/21 22:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	82		31 - 143				06/03/21 07:33	06/03/21 22:54	1
2-Fluorobiphenyl	80		43 - 145				06/03/21 07:33	06/03/21 22:54	1
2-Fluorophenol	88		31 - 166				06/03/21 07:33	06/03/21 22:54	1
Nitrobenzene-d5	73		37 - 147				06/03/21 07:33	06/03/21 22:54	1
Phenol-d5	95		30 - 153				06/03/21 07:33	06/03/21 22:54	1
Terphenyl-d14	164	S1+	42 - 157				06/03/21 07:33	06/03/21 22:54	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:28	06/04/21 12:24	1
Barium	0.70		0.50	0.050	mg/L		06/03/21 18:28	06/04/21 12:24	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:28	06/04/21 12:24	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:28	06/04/21 12:24	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 12:24	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 12:24	1
Copper	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 12:24	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:28	06/04/21 12:24	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/21 18:28	06/04/21 12:24	1
Manganese	0.74		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 12:24	1
Nickel	0.022	J	0.025	0.010	mg/L		06/03/21 18:28	06/04/21 12:24	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:28	06/04/21 12:24	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 12:24	1
Zinc	0.028	J	0.50	0.020	mg/L		06/03/21 18:28	06/04/21 12:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.092		0.050	0.010	mg/L		06/03/21 18:31	06/04/21 12:53	1
Barium	0.69		0.50	0.050	mg/L		06/03/21 18:31	06/04/21 12:53	1
Beryllium	0.0091		0.0040	0.0040	mg/L		06/03/21 18:31	06/04/21 12:53	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:31	06/04/21 12:53	1
Chromium	0.18		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:53	1
Cobalt	0.053		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:53	1
Copper	0.21		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:53	1
Iron	200		0.40	0.20	mg/L		06/03/21 18:31	06/04/21 12:53	1
Lead	0.23		0.0075	0.0075	mg/L		06/03/21 18:31	06/04/21 12:53	1
Manganese	0.82		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:53	1
Nickel	0.19		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:53	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:31	06/04/21 12:53	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-26(0-2)-052721

Lab Sample ID: 500-199832-19

Date Collected: 05/27/21 12:15

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 85.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:53	1
Zinc	0.59		0.50	0.020	mg/L		06/03/21 18:31	06/04/21 12:53	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.81	J	1.1	0.22	mg/Kg	✱	06/02/21 17:31	06/03/21 18:12	1
Arsenic	7.6		0.57	0.20	mg/Kg	✱	06/02/21 17:31	06/03/21 18:12	1
Barium	62		0.57	0.066	mg/Kg	✱	06/02/21 17:31	06/03/21 18:12	1
Beryllium	0.67		0.23	0.054	mg/Kg	✱	06/02/21 17:31	06/03/21 18:12	1
Cadmium	0.40		0.11	0.021	mg/Kg	✱	06/02/21 17:31	06/03/21 18:12	1
Calcium	73000	B	57	9.7	mg/Kg	✱	06/02/21 17:31	06/04/21 19:43	5
Chromium	18		0.57	0.28	mg/Kg	✱	06/02/21 17:31	06/03/21 18:12	1
Cobalt	11		0.29	0.075	mg/Kg	✱	06/02/21 17:31	06/03/21 18:12	1
Copper	24		0.57	0.16	mg/Kg	✱	06/02/21 17:31	06/03/21 18:12	1
Iron	17000		11	6.0	mg/Kg	✱	06/02/21 17:31	06/03/21 18:12	1
Lead	58		0.29	0.13	mg/Kg	✱	06/02/21 17:31	06/03/21 18:12	1
Magnesium	32000	B	5.7	2.9	mg/Kg	✱	06/02/21 17:31	06/03/21 18:12	1
Manganese	400		0.57	0.083	mg/Kg	✱	06/02/21 17:31	06/03/21 18:12	1
Nickel	29		0.57	0.17	mg/Kg	✱	06/02/21 17:31	06/04/21 19:40	1
Potassium	1700		29	10	mg/Kg	✱	06/02/21 17:31	06/03/21 18:12	1
Selenium	<0.57		0.57	0.34	mg/Kg	✱	06/02/21 17:31	06/03/21 18:12	1
Silver	0.46		0.29	0.074	mg/Kg	✱	06/02/21 17:31	06/03/21 18:12	1
Sodium	2000		57	8.5	mg/Kg	✱	06/02/21 17:31	06/03/21 18:12	1
Thallium	<0.57		0.57	0.29	mg/Kg	✱	06/02/21 17:31	06/03/21 18:12	1
Vanadium	25		0.29	0.068	mg/Kg	✱	06/02/21 17:31	06/03/21 18:12	1
Zinc	88		1.1	0.50	mg/Kg	✱	06/02/21 17:31	06/04/21 19:40	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/21 13:05	06/04/21 12:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 11:44	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.022		0.018	0.0061	mg/Kg	✱	06/03/21 14:00	06/04/21 08:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.5		0.2	0.2	SU			06/03/21 14:42	1

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-24(0-2)-052721

Lab Sample ID: 500-199832-20

Date Collected: 05/27/21 12:30

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 83.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018		0.018	0.0079	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
Benzene	<0.0018		0.0018	0.00046	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
Bromodichloromethane	<0.0018		0.0018	0.00037	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
Bromoform	<0.0018		0.0018	0.00053	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
Bromomethane	<0.0045		0.0045	0.0017	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
Carbon disulfide	<0.0045		0.0045	0.00095	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
Carbon tetrachloride	<0.0018		0.0018	0.00053	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
Chlorobenzene	<0.0018		0.0018	0.00067	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
Chloroethane	<0.0045		0.0045	0.0013	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
Chloroform	<0.0018		0.0018	0.00063	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
Chloromethane	<0.0045		0.0045	0.0018	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00051	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00055	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
Dibromochloromethane	<0.0018		0.0018	0.00059	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
1,1-Dichloroethane	<0.0018		0.0018	0.00062	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
1,2-Dichloroethane	<0.0045		0.0045	0.0014	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
1,1-Dichloroethene	<0.0018		0.0018	0.00063	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
1,2-Dichloropropane	<0.0018		0.0018	0.00047	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
1,3-Dichloropropane, Total	<0.0018		0.0018	0.00064	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
Ethylbenzene	<0.0018		0.0018	0.00087	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
2-Hexanone	<0.0045		0.0045	0.0014	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
Methylene Chloride	<0.0045		0.0045	0.0018	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
Methyl Ethyl Ketone	<0.0045		0.0045	0.0020	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
methyl isobutyl ketone	<0.0045		0.0045	0.0013	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00053	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
Styrene	<0.0018		0.0018	0.00055	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00058	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
Tetrachloroethene	<0.0018		0.0018	0.00062	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
Toluene	<0.0018		0.0018	0.00046	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00081	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00064	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00061	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00078	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
Trichloroethene	<0.0018		0.0018	0.00061	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
Vinyl chloride	<0.0018		0.0018	0.00081	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1
Xylenes, Total	<0.0036		0.0036	0.00058	mg/Kg	☼	05/28/21 17:40	06/02/21 19:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		75 - 131	05/28/21 17:40	06/02/21 19:41	1
Dibromofluoromethane	106		75 - 126	05/28/21 17:40	06/02/21 19:41	1
1,2-Dichloroethane-d4 (Surr)	120		70 - 134	05/28/21 17:40	06/02/21 19:41	1
Toluene-d8 (Surr)	101		75 - 124	05/28/21 17:40	06/02/21 19:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.042	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
1,2-Dichlorobenzene	<0.20		0.20	0.046	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
1,4-Dichlorobenzene	<0.20		0.20	0.050	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.045	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-24(0-2)-052721

Lab Sample ID: 500-199832-20

Date Collected: 05/27/21 12:30

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 83.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.089	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
2,4,6-Trichlorophenol	<0.39		0.39	0.13	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
2,4-Dichlorophenol	<0.39		0.39	0.092	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
2,4-Dinitrophenol	<0.78		0.78	0.68	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
2,4-Dinitrotoluene	<0.20		0.20	0.062	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
2,6-Dinitrotoluene	<0.20		0.20	0.076	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
2-Chloronaphthalene	<0.20		0.20	0.043	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
2-Chlorophenol	<0.20	*+	0.20	0.066	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
2-Methylnaphthalene	<0.078		0.078	0.0071	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
2-Methylphenol	<0.20		0.20	0.062	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
2-Nitroaniline	<0.20		0.20	0.052	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
2-Nitrophenol	<0.39		0.39	0.092	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
3 & 4 Methylphenol	<0.20		0.20	0.065	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
3,3'-Dichlorobenzidine	<0.20	*3	0.20	0.054	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
4,6-Dinitro-2-methylphenol	<0.78		0.78	0.31	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.051	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
4-Chloroaniline	<0.78		0.78	0.18	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.045	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
4-Nitroaniline	<0.39		0.39	0.16	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
4-Nitrophenol	<0.78		0.78	0.37	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Acenaphthene	0.010	J	0.039	0.0070	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Acenaphthylene	0.0063	J	0.039	0.0051	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Anthracene	0.023	J	0.039	0.0065	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Benzo[a]anthracene	0.13	*3	0.039	0.0052	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Benzo[a]pyrene	0.15	*3	0.039	0.0075	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Benzo[b]fluoranthene	0.23	*3	0.039	0.0084	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Benzo[g,h,i]perylene	0.088	*3	0.039	0.013	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Benzo[k]fluoranthene	0.12	*3	0.039	0.011	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Bis(2-chloroethyl)ether	<0.20	*+	0.20	0.058	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Bis(2-ethylhexyl) phthalate	<0.20	*3	0.20	0.071	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Butyl benzyl phthalate	<0.20	*3	0.20	0.074	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Carbazole	<0.20		0.20	0.097	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Chrysene	0.15	*3	0.039	0.011	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Dibenz(a,h)anthracene	<0.039	*3	0.039	0.0075	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Dibenzofuran	<0.20		0.20	0.045	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Diethyl phthalate	<0.20		0.20	0.066	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Dimethyl phthalate	<0.20		0.20	0.051	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Di-n-butyl phthalate	<0.20		0.20	0.059	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Di-n-octyl phthalate	<0.20		0.20	0.063	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Fluoranthene	0.19		0.039	0.0072	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Fluorene	0.0077	J	0.039	0.0055	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Hexachlorobenzene	<0.078		0.078	0.0090	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Hexachlorobutadiene	<0.20		0.20	0.061	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Hexachlorocyclopentadiene	<0.78		0.78	0.22	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Hexachloroethane	<0.20		0.20	0.059	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1

Euofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-24(0-2)-052721

Lab Sample ID: 500-199832-20

Date Collected: 05/27/21 12:30

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 83.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.090	*3	0.039	0.010	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Naphthalene	0.0074	J	0.039	0.0060	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Nitrobenzene	<0.039		0.039	0.0097	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
N-Nitrosodi-n-propylamine	<0.078		0.078	0.047	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
N-Nitrosodiphenylamine	<0.20		0.20	0.046	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Pentachlorophenol	<0.78	*-	0.78	0.62	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Phenanthrene	0.14		0.039	0.0054	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Phenol	<0.20		0.20	0.086	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Pyrene	0.44	*3	0.039	0.0077	mg/Kg	☼	06/03/21 07:33	06/04/21 00:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	69		31 - 143				06/03/21 07:33	06/04/21 00:34	1
2-Fluorobiphenyl	78		43 - 145				06/03/21 07:33	06/04/21 00:34	1
2-Fluorophenol	87		31 - 166				06/03/21 07:33	06/04/21 00:34	1
Nitrobenzene-d5	72		37 - 147				06/03/21 07:33	06/04/21 00:34	1
Phenol-d5	90		30 - 153				06/03/21 07:33	06/04/21 00:34	1
Terphenyl-d14	182	*3 S1+	42 - 157				06/03/21 07:33	06/04/21 00:34	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:28	06/04/21 13:04	1
Barium	0.65		0.50	0.050	mg/L		06/03/21 18:28	06/04/21 13:04	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:28	06/04/21 13:04	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:28	06/04/21 13:04	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 13:04	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 13:04	1
Copper	<0.025		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 13:04	1
Iron	<0.40	F1	0.40	0.20	mg/L		06/03/21 18:28	06/04/21 13:04	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/21 18:28	06/04/21 13:04	1
Manganese	0.60		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 13:04	1
Nickel	0.072		0.025	0.010	mg/L		06/03/21 18:28	06/04/21 13:04	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:28	06/04/21 13:04	1
Silver	<0.025	F1	0.025	0.010	mg/L		06/03/21 18:28	06/04/21 13:04	1
Zinc	0.32	J	0.50	0.020	mg/L		06/03/21 18:28	06/04/21 13:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.028	J	0.050	0.010	mg/L		06/03/21 18:31	06/04/21 12:57	1
Barium	0.65	F1	0.50	0.050	mg/L		06/03/21 18:31	06/04/21 12:57	1
Beryllium	0.0047		0.0040	0.0040	mg/L		06/03/21 18:31	06/04/21 12:57	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:31	06/04/21 12:57	1
Chromium	0.10		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:57	1
Cobalt	0.021	J	0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:57	1
Copper	0.090		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:57	1
Iron	100		0.40	0.20	mg/L		06/03/21 18:31	06/04/21 12:57	1
Lead	0.13	F1	0.0075	0.0075	mg/L		06/03/21 18:31	06/04/21 12:57	1
Manganese	0.75	F1	0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:57	1
Nickel	0.076		0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:57	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:31	06/04/21 12:57	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199832-1

Client Sample ID: ROW-24(0-2)-052721

Lab Sample ID: 500-199832-20

Date Collected: 05/27/21 12:30

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 83.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025	F1	0.025	0.010	mg/L		06/03/21 18:31	06/04/21 12:57	1
Zinc	0.76	F1	0.50	0.020	mg/L		06/03/21 18:31	06/04/21 12:57	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.55	J	1.2	0.22	mg/Kg	✱	06/02/21 17:31	06/03/21 18:16	1
Arsenic	7.4		0.58	0.20	mg/Kg	✱	06/02/21 17:31	06/03/21 18:16	1
Barium	87		0.58	0.066	mg/Kg	✱	06/02/21 17:31	06/03/21 18:16	1
Beryllium	0.76		0.23	0.054	mg/Kg	✱	06/02/21 17:31	06/03/21 18:16	1
Cadmium	0.18		0.12	0.021	mg/Kg	✱	06/02/21 17:31	06/03/21 18:16	1
Calcium	5500	B	12	2.0	mg/Kg	✱	06/02/21 17:31	06/03/21 18:16	1
Chromium	15		0.58	0.29	mg/Kg	✱	06/02/21 17:31	06/03/21 18:16	1
Cobalt	10		0.29	0.076	mg/Kg	✱	06/02/21 17:31	06/03/21 18:16	1
Copper	16		0.58	0.16	mg/Kg	✱	06/02/21 17:31	06/03/21 18:16	1
Iron	17000		12	6.0	mg/Kg	✱	06/02/21 17:31	06/03/21 18:16	1
Lead	26		0.29	0.13	mg/Kg	✱	06/02/21 17:31	06/03/21 18:16	1
Magnesium	4200	B	5.8	2.9	mg/Kg	✱	06/02/21 17:31	06/03/21 18:16	1
Manganese	270		0.58	0.084	mg/Kg	✱	06/02/21 17:31	06/03/21 18:16	1
Nickel	23		0.58	0.17	mg/Kg	✱	06/02/21 17:31	06/04/21 19:47	1
Potassium	1100		29	10	mg/Kg	✱	06/02/21 17:31	06/03/21 18:16	1
Selenium	0.39	J	0.58	0.34	mg/Kg	✱	06/02/21 17:31	06/03/21 18:16	1
Silver	0.54		0.29	0.074	mg/Kg	✱	06/02/21 17:31	06/03/21 18:16	1
Sodium	1600		58	8.5	mg/Kg	✱	06/02/21 17:31	06/03/21 18:16	1
Thallium	<0.58		0.58	0.29	mg/Kg	✱	06/02/21 17:31	06/03/21 18:16	1
Vanadium	22		0.29	0.068	mg/Kg	✱	06/02/21 17:31	06/03/21 18:16	1
Zinc	95		1.2	0.51	mg/Kg	✱	06/02/21 17:31	06/04/21 19:47	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/03/21 13:05	06/04/21 12:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 11:46	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.038		0.019	0.0064	mg/Kg	✱	06/03/21 14:00	06/04/21 08:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.2		0.2	0.2	SU			06/03/21 14:42	1

Definitions/Glossary

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

Job ID: 500-199832-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*3	ISTD response or retention time outside acceptable limits.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

Metals

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

Glossary

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

Definitions/Glossary

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

Job ID: 500-199832-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

Accreditation/Certification Summary

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

Job ID: 500-199832-1

Laboratory: Eurofins TestAmerica, Chicago

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

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	IL00035	04-29-22

1

2

3

4

5

6

7

8

9

10

11

12

13


14

15

Address _____

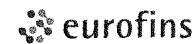
Regulatory Program: DW NPDES RCRA Other

TAL-8210

Client Contact		Project Manager: <u>Andrius Slobas</u>		Site Contact		Date.		COC No	
Company Name <u>Western Solutions</u>		Tel/Email:		Lab Contact.		Carrier:		1 of 3 COCs	
Address <u>300 Plaza Cir Ste 202</u>		Analysis Turnaround Time		Filtered Sample (Y/N) Perform MS / MSD (Y/N) VOCs SDOCs Total Metals TCLP / SPL Metals pH		 500-199832 COC		Sampler	
City/State/Zip <u>Mundelein, IL 60050</u>		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____						For Lab Use Only	
Phone		<input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day						Walk-in Client	
Fax								Lab Sampling	
Project Name <u>IBOT I-80</u>								Job / SDG No	
Site				<u>500-199832</u>					
P O #									
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Sample Specific Notes		
1	ROW-58(0-2)-052721	5/21/21	0805	G	S	6	X	X	X
2	ROW-58(0-2)-052721D		0805				X	X	X
3	ROW-56(0-2)-052721		0825				X	X	X
4	ROW-54(0-2)-052721		0840				X	X	X
5	ROW-52(0-2)-052721		0900				X	X	X
6	ROW-50(0-2)-052721		0910				X	X	X
7	ROW-48(0-2)-052721		0920				X	X	X
8	ROW-46(0-2)-052721		0940				X	X	X
9	ROW-44(0-2)-052721		0950				X	X	X
10	ROW-42(0-2)-052721		1015				X	X	X
11	ROW-40(0-2)-052721		1025				X	X	X
12	ROW-38(0-2)-052721		1040				X	X	X
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4=HNO3, 5=NaOH, 6= Other							Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample							<input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months		
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown									
Special Instructions/QC Requirements & Comments: <u>5.3 -> 5.0, 11.6 -> 0.6, 6.0 -> 5.7, 4.6 -> 4.3, 3.9 -> 3.6</u>									
Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temp (°C) Obs'd _____ Corr'd _____		Therm ID No _____			
Relinquished by <u>[Signature]</u>		Company <u>Western</u>		Date/Time <u>5/21/21 1600</u>		Received by <u>[Signature]</u>		Company <u>EPA</u>	
Relinquished by <u>[Signature]</u>		Company <u>EPA</u>		Date/Time <u>5/21/21 1655</u>		Received by		Company	
Relinquished by		Company		Date/Time		Received in Laboratory by <u>[Signature]</u>		Company <u>ROA-CHI</u>	
								Date/Time <u>5/28/21 0715</u>	

Chain of Custody Record

533076



Environment Testing
TestAmerica

TAL-8210

Address _____

Regulatory Program: DW NPDES RCRA Other

Client Contact		Project Manager: <u>Ando Slossers</u>		Site Contact.		Date.		COC No	
Company Name <u>Western Solutions</u>		Tel/Email:		Lab Contact.		Carrier:		2 of 3 COCs	
Address <u>300 Plaza Cir. Ste 202,</u>		Analysis Turnaround Time		Filtered Sample (Y/N) Perform MS / MSD (Y/N) VOCs SVOCs Total Metals TSP / SPIV Metals pH				Sampler:	
City/State/Zip <u>Mundelein, IL 60060</u>		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____						For Lab Use Only	
Phone		<input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day						Walk-in Client	
Fax								Lab Sampling	
Project Name <u>DDT I-80</u>								Job / SDG No	
Site								<u>500-199832</u>	
P O #								Sample Specific Notes	
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.			
13	Row - 38 (0-2) - 052721 D	5/27/21	1040	G	S	6	X	X	X
14	Row - 38 (0-2) - 052721		1100				X	X	X
15	Row - 39 (0-2) - 052721		1110				X	X	X
16	Row - 32 (0-2) - 052721		1130				X	X	X
17	Row - 30 (0-2) - 052721		1140				X	X	X
18	Row - 28 (0-2) - 052721		1205				X	X	X
19	Row - 26 (0-2) - 052721		1215				X	X	X
20	Row - 24 (0-2) - 052721		1230				X	X	X
	Row - 22 (0-2) - 052721		1240				X	X	X
	Row - 20 (0-2) - 052721		1305				X	X	X
	Row - 18 (0-2) - 052721		1325				X	X	X
	Row - 18 (0-2) - 052721 D		1325				X	X	X
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other									
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)				
<input checked="" type="checkbox"/> Non 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.									
5.3 → 5.0, 1.6 → 0.6, 6.0 → 5.7, 4.6 → 4.3, 3.9 → 3.6									
Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temp (°C) Obs'd		Corr'd		Therm ID No	
Relinquished by <u>[Signature]</u>		Company <u>Western</u>		Date/Time <u>5/27/21 1600</u>		Received by <u>P. Neal</u>		Company <u>EPA</u>	
Relinquished by <u>P. Neal</u>		Company <u>EPA</u>		Date/Time <u>5/27/21 1655</u>		Received by		Company	
Relinquished by		Company		Date/Time		Received in Laboratory by <u>[Signature]</u>		Company <u>ETACAT</u>	
								Date/Time <u>5/28/21 0715</u>	

ANALYTICAL REPORT

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

Laboratory Job ID: 500-199833-1
Client Project/Site: IDOT - I-80 - WO 019

For:

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

Attn: Mr. Andris Slesers



Authorized for release by:
6/9/2021 8:24:48 AM

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

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:

www.eurofinsus.com/Env

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

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

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

Client Sample Results

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

Job ID: 500-199833-1

Client Sample ID: ROW-20(0-2)-052721

Lab Sample ID: 500-199833-2

Date Collected: 05/27/21 13:05

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 83.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0071	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
Benzene	<0.0016		0.0016	0.00041	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
Bromodichloromethane	<0.0016		0.0016	0.00033	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
Bromoform	<0.0016		0.0016	0.00047	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
Bromomethane	<0.0041		0.0041	0.0015	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
Carbon disulfide	<0.0041		0.0041	0.00084	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
Carbon tetrachloride	<0.0016		0.0016	0.00047	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
Chlorobenzene	<0.0016		0.0016	0.00060	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
Chloroethane	<0.0041		0.0041	0.0012	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
Chloroform	<0.0016		0.0016	0.00056	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
Chloromethane	<0.0041		0.0041	0.0016	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00045	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00049	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
Dibromochloromethane	<0.0016		0.0016	0.00053	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
1,1-Dichloroethane	<0.0016		0.0016	0.00056	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
1,2-Dichloroethane	<0.0041		0.0041	0.0013	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
1,1-Dichloroethene	<0.0016		0.0016	0.00056	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
1,2-Dichloropropane	<0.0016		0.0016	0.00042	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00057	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
Ethylbenzene	<0.0016		0.0016	0.00078	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
2-Hexanone	<0.0041		0.0041	0.0013	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
Methylene Chloride	<0.0041		0.0041	0.0016	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
Methyl Ethyl Ketone	<0.0041		0.0041	0.0018	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
methyl isobutyl ketone	<0.0041		0.0041	0.0012	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00048	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
Styrene	<0.0016		0.0016	0.00049	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00052	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
Tetrachloroethene	<0.0016		0.0016	0.00055	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
Toluene	<0.0016		0.0016	0.00041	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00072	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00057	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00054	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00070	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
Trichloroethene	<0.0016		0.0016	0.00055	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
Vinyl chloride	<0.0016		0.0016	0.00072	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1
Xylenes, Total	0.00052	J	0.0032	0.00052	mg/Kg	✳	05/28/21 17:40	06/02/21 13:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		75 - 131	05/28/21 17:40	06/02/21 13:36	1
Dibromofluoromethane	96		75 - 126	05/28/21 17:40	06/02/21 13:36	1
1,2-Dichloroethane-d4 (Surr)	90		70 - 134	05/28/21 17:40	06/02/21 13:36	1
Toluene-d8 (Surr)	96		75 - 124	05/28/21 17:40	06/02/21 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.043	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
1,3-Dichlorobenzene	<0.20		0.20	0.045	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
1,4-Dichlorobenzene	<0.20		0.20	0.051	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199833-1

Client Sample ID: ROW-20(0-2)-052721

Lab Sample ID: 500-199833-2

Date Collected: 05/27/21 13:05

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 83.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.090	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
2,4,6-Trichlorophenol	<0.39		0.39	0.14	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
2,4-Dichlorophenol	<0.39		0.39	0.094	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
2,4-Dinitrophenol	<0.80		0.80	0.70	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
2,4-Dinitrotoluene	<0.20		0.20	0.063	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
2,6-Dinitrotoluene	<0.20		0.20	0.078	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
2-Chlorophenol	<0.20		0.20	0.068	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
2-Methylnaphthalene	0.0083	J	0.080	0.0073	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
2-Methylphenol	<0.20		0.20	0.064	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
2-Nitrophenol	<0.39		0.39	0.094	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
3 & 4 Methylphenol	<0.20		0.20	0.066	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
4,6-Dinitro-2-methylphenol	<0.80		0.80	0.32	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
4-Chloroaniline	<0.80		0.80	0.19	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
4-Nitroaniline	<0.39		0.39	0.17	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
4-Nitrophenol	<0.80		0.80	0.38	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
Acenaphthene	<0.039		0.039	0.0071	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
Anthracene	<0.039		0.039	0.0066	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
Benzo[a]anthracene	<0.039		0.039	0.0053	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
Benzo[a]pyrene	0.0087	J	0.039	0.0077	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
Benzo[b]fluoranthene	0.012	J	0.039	0.0085	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
Benzo[g,h,i]perylene	<0.039		0.039	0.013	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
Benzo[k]fluoranthene	<0.039		0.039	0.012	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
Butyl benzyl phthalate	<0.20		0.20	0.075	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
Carbazole	<0.20		0.20	0.099	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
Chrysene	<0.039		0.039	0.011	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
Dibenz(a,h)anthracene	<0.039		0.039	0.0077	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
Diethyl phthalate	<0.20		0.20	0.067	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
Dimethyl phthalate	<0.20		0.20	0.052	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
Di-n-octyl phthalate	<0.20		0.20	0.065	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
Fluoranthene	0.016	J	0.039	0.0073	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
Fluorene	<0.039		0.039	0.0056	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
Hexachlorobenzene	<0.080		0.080	0.0092	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
Hexachlorocyclopentadiene	<0.80		0.80	0.23	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1
Hexachloroethane	<0.20		0.20	0.060	mg/Kg	✳	06/03/21 16:19	06/05/21 01:38	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199833-1

Client Sample ID: ROW-20(0-2)-052721

Lab Sample ID: 500-199833-2

Date Collected: 05/27/21 13:05

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 83.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.039		0.039	0.010	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
Naphthalene	<0.039		0.039	0.0061	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
Nitrobenzene	<0.039		0.039	0.0099	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
N-Nitrosodi-n-propylamine	<0.080		0.080	0.048	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
N-Nitrosodiphenylamine	<0.20		0.20	0.047	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
Pentachlorophenol	<0.80		0.80	0.64	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
Phenanthrene	0.018	J	0.039	0.0055	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
Phenol	<0.20		0.20	0.088	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
Pyrene	0.034	J	0.039	0.0079	mg/Kg	☼	06/03/21 16:19	06/05/21 01:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	94		31 - 143				06/03/21 16:19	06/05/21 01:38	1
2-Fluorobiphenyl	92		43 - 145				06/03/21 16:19	06/05/21 01:38	1
2-Fluorophenol	85		31 - 166				06/03/21 16:19	06/05/21 01:38	1
Nitrobenzene-d5	81		37 - 147				06/03/21 16:19	06/05/21 01:38	1
Phenol-d5	90		30 - 153				06/03/21 16:19	06/05/21 01:38	1
Terphenyl-d14	124		42 - 157				06/03/21 16:19	06/05/21 01:38	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:29	06/04/21 13:53	1
Barium	0.56		0.50	0.050	mg/L		06/03/21 18:29	06/04/21 13:53	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:29	06/04/21 13:53	1
Cadmium	0.0021	J	0.0050	0.0020	mg/L		06/03/21 18:29	06/04/21 13:53	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 13:53	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 13:53	1
Copper	0.13		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 13:53	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:29	06/04/21 13:53	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/21 18:29	06/04/21 13:53	1
Manganese	0.077		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 13:53	1
Nickel	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 13:53	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:29	06/04/21 13:53	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 13:53	1
Zinc	0.12	J	0.50	0.020	mg/L		06/03/21 18:29	06/04/21 13:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.075		0.050	0.010	mg/L		06/03/21 18:33	06/04/21 13:26	1
Barium	0.58		0.50	0.050	mg/L		06/03/21 18:33	06/04/21 13:26	1
Beryllium	0.0082		0.0040	0.0040	mg/L		06/03/21 18:33	06/04/21 13:26	1
Cadmium	0.0023	J	0.0050	0.0020	mg/L		06/03/21 18:33	06/04/21 13:26	1
Chromium	0.16		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:26	1
Cobalt	0.057		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:26	1
Copper	0.18		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:26	1
Iron	170		0.40	0.20	mg/L		06/03/21 18:33	06/04/21 13:26	1
Lead	0.20		0.0075	0.0075	mg/L		06/03/21 18:33	06/04/21 13:26	1
Manganese	0.92		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:26	1
Nickel	0.17		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:26	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:33	06/04/21 13:26	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199833-1

Client Sample ID: ROW-20(0-2)-052721

Lab Sample ID: 500-199833-2

Date Collected: 05/27/21 13:05

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 83.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:26	1
Zinc	0.53		0.50	0.020	mg/L		06/03/21 18:33	06/04/21 13:26	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.85	J	1.1	0.22	mg/Kg	✧	06/03/21 08:47	06/03/21 18:49	1
Arsenic	6.8		0.55	0.19	mg/Kg	✧	06/03/21 08:47	06/03/21 18:49	1
Barium	57		0.55	0.063	mg/Kg	✧	06/03/21 08:47	06/03/21 18:49	1
Beryllium	0.79		0.22	0.052	mg/Kg	✧	06/03/21 08:47	06/03/21 18:49	1
Cadmium	0.24	B	0.11	0.020	mg/Kg	✧	06/03/21 08:47	06/03/21 18:49	1
Calcium	28000	B	11	1.9	mg/Kg	✧	06/03/21 08:47	06/03/21 18:49	1
Chromium	17		0.55	0.27	mg/Kg	✧	06/03/21 08:47	06/03/21 18:49	1
Cobalt	11		0.28	0.073	mg/Kg	✧	06/03/21 08:47	06/03/21 18:49	1
Copper	19		0.55	0.16	mg/Kg	✧	06/03/21 08:47	06/03/21 18:49	1
Iron	18000		11	5.8	mg/Kg	✧	06/03/21 08:47	06/03/21 18:49	1
Lead	29		0.28	0.13	mg/Kg	✧	06/03/21 08:47	06/03/21 18:49	1
Magnesium	17000		5.5	2.7	mg/Kg	✧	06/03/21 08:47	06/03/21 18:49	1
Manganese	300		0.55	0.080	mg/Kg	✧	06/03/21 08:47	06/03/21 18:49	1
Nickel	25		0.55	0.16	mg/Kg	✧	06/03/21 08:47	06/03/21 18:49	1
Potassium	2000		28	9.8	mg/Kg	✧	06/03/21 08:47	06/03/21 18:49	1
Selenium	<0.55		0.55	0.33	mg/Kg	✧	06/03/21 08:47	06/03/21 18:49	1
Silver	0.54		0.28	0.071	mg/Kg	✧	06/03/21 08:47	06/03/21 18:49	1
Sodium	1700		55	8.2	mg/Kg	✧	06/03/21 08:47	06/03/21 18:49	1
Thallium	<0.55		0.55	0.28	mg/Kg	✧	06/03/21 08:47	06/03/21 18:49	1
Vanadium	27		0.28	0.065	mg/Kg	✧	06/03/21 08:47	06/03/21 18:49	1
Zinc	61		1.1	0.49	mg/Kg	✧	06/03/21 08:47	06/03/21 18:49	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 07:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 08:40	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.028		0.018	0.0061	mg/Kg	✧	06/02/21 12:50	06/03/21 08:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.4		0.2	0.2	SU			06/03/21 14:42	1

Client Sample Results

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

Job ID: 500-199833-1

Client Sample ID: ROW-18(0-2)-052721

Lab Sample ID: 500-199833-3

Date Collected: 05/27/21 13:25

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 89.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0069	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
Benzene	<0.0016		0.0016	0.00041	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
Bromodichloromethane	<0.0016		0.0016	0.00032	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
Bromoform	<0.0016		0.0016	0.00047	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
Bromomethane	<0.0040		0.0040	0.0015	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
Carbon disulfide	<0.0040		0.0040	0.00083	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
Carbon tetrachloride	<0.0016		0.0016	0.00046	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
Chlorobenzene	<0.0016		0.0016	0.00059	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
Chloroethane	<0.0040		0.0040	0.0012	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
Chloroform	<0.0016		0.0016	0.00055	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
Chloromethane	<0.0040		0.0040	0.0016	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00045	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00048	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
Dibromochloromethane	<0.0016		0.0016	0.00052	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
1,1-Dichloroethane	<0.0016		0.0016	0.00055	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
1,2-Dichloroethane	<0.0040		0.0040	0.0012	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
1,1-Dichloroethene	<0.0016		0.0016	0.00055	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
1,2-Dichloropropane	<0.0016		0.0016	0.00041	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00056	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
Ethylbenzene	<0.0016		0.0016	0.00076	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
2-Hexanone	<0.0040		0.0040	0.0012	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
Methylene Chloride	<0.0040		0.0040	0.0016	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
Methyl Ethyl Ketone	<0.0040		0.0040	0.0018	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
methyl isobutyl ketone	<0.0040		0.0040	0.0012	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00047	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
Styrene	<0.0016		0.0016	0.00048	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00051	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
Tetrachloroethene	<0.0016		0.0016	0.00054	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
Toluene	<0.0016		0.0016	0.00040	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00071	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00056	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00054	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00068	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
Trichloroethene	<0.0016		0.0016	0.00054	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
Vinyl chloride	<0.0016		0.0016	0.00071	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1
Xylenes, Total	<0.0032		0.0032	0.00051	mg/Kg	☼	05/28/21 17:40	06/02/21 14:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		75 - 131	05/28/21 17:40	06/02/21 14:02	1
Dibromofluoromethane	93		75 - 126	05/28/21 17:40	06/02/21 14:02	1
1,2-Dichloroethane-d4 (Surr)	88		70 - 134	05/28/21 17:40	06/02/21 14:02	1
Toluene-d8 (Surr)	94		75 - 124	05/28/21 17:40	06/02/21 14:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
1,2-Dichlorobenzene	<0.19		0.19	0.044	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199833-1

Client Sample ID: ROW-18(0-2)-052721

Lab Sample ID: 500-199833-3

Date Collected: 05/27/21 13:25

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 89.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.085	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
2,4-Dichlorophenol	<0.37		0.37	0.088	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
2,4-Dinitrophenol	<0.75		0.75	0.65	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
2,4-Dinitrotoluene	<0.19		0.19	0.059	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
2,6-Dinitrotoluene	<0.19		0.19	0.073	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
2-Chlorophenol	<0.19		0.19	0.063	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
2-Methylnaphthalene	0.023	J	0.075	0.0068	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
2-Nitrophenol	<0.37		0.37	0.088	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
3 & 4 Methylphenol	<0.19		0.19	0.062	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
3,3'-Dichlorobenzidine	<0.19	*3	0.19	0.052	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.30	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
4-Chloroaniline	<0.75		0.75	0.17	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.043	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
4-Nitrophenol	<0.75		0.75	0.35	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Acenaphthene	0.017	J	0.037	0.0067	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Acenaphthylene	0.024	J	0.037	0.0049	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Anthracene	0.038		0.037	0.0062	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Benzo[a]anthracene	0.19	*3	0.037	0.0050	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Benzo[a]pyrene	0.26	*3	0.037	0.0072	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Benzo[b]fluoranthene	0.48	*3	0.037	0.0080	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Benzo[g,h,i]perylene	0.23	*3	0.037	0.012	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Benzo[k]fluoranthene	0.18	*3	0.037	0.011	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Bis(2-ethylhexyl) phthalate	0.21	*3	0.19	0.068	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Butyl benzyl phthalate	0.15	J *3	0.19	0.071	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Carbazole	<0.19		0.19	0.093	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Chrysene	0.31	*3	0.037	0.010	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Dibenz(a,h)anthracene	<0.037	*3	0.037	0.0072	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Diethyl phthalate	<0.19		0.19	0.063	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Fluoranthene	0.40		0.037	0.0069	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Fluorene	0.013	J	0.037	0.0052	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Hexachlorobenzene	<0.075		0.075	0.0086	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Hexachlorobutadiene	<0.19		0.19	0.058	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Hexachlorocyclopentadiene	<0.75		0.75	0.21	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Hexachloroethane	<0.19		0.19	0.056	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1

Client Sample Results

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

Job ID: 500-199833-1

Client Sample ID: ROW-18(0-2)-052721

Lab Sample ID: 500-199833-3

Date Collected: 05/27/21 13:25

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 89.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.13	*3	0.037	0.0096	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Naphthalene	0.015	J	0.037	0.0057	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Nitrobenzene	<0.037		0.037	0.0093	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.045	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Pentachlorophenol	<0.75		0.75	0.60	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Phenanthrene	0.22		0.037	0.0052	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Phenol	<0.19		0.19	0.083	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Pyrene	1.0	*3	0.037	0.0074	mg/Kg	☼	06/03/21 16:19	06/05/21 04:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	93		31 - 143				06/03/21 16:19	06/05/21 04:30	1
2-Fluorobiphenyl	84		43 - 145				06/03/21 16:19	06/05/21 04:30	1
2-Fluorophenol	80		31 - 166				06/03/21 16:19	06/05/21 04:30	1
Nitrobenzene-d5	82		37 - 147				06/03/21 16:19	06/05/21 04:30	1
Phenol-d5	78		30 - 153				06/03/21 16:19	06/05/21 04:30	1
Terphenyl-d14	185	*3 S1+	42 - 157				06/03/21 16:19	06/05/21 04:30	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:29	06/04/21 13:57	1
Barium	0.66		0.50	0.050	mg/L		06/03/21 18:29	06/04/21 13:57	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:29	06/04/21 13:57	1
Cadmium	0.0027	J	0.0050	0.0020	mg/L		06/03/21 18:29	06/04/21 13:57	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 13:57	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 13:57	1
Copper	0.084		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 13:57	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:29	06/04/21 13:57	1
Lead	0.0099		0.0075	0.0075	mg/L		06/03/21 18:29	06/04/21 13:57	1
Manganese	0.50		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 13:57	1
Nickel	0.013	J B	0.025	0.010	mg/L		06/03/21 18:29	06/04/21 13:57	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:29	06/04/21 13:57	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 13:57	1
Zinc	0.24	J	0.50	0.020	mg/L		06/03/21 18:29	06/04/21 13:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.050		0.050	0.010	mg/L		06/03/21 18:33	06/04/21 13:29	1
Barium	0.56		0.50	0.050	mg/L		06/03/21 18:33	06/04/21 13:29	1
Beryllium	0.0060		0.0040	0.0040	mg/L		06/03/21 18:33	06/04/21 13:29	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:33	06/04/21 13:29	1
Chromium	0.14		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:29	1
Cobalt	0.032		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:29	1
Copper	0.14		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:29	1
Iron	130		0.40	0.20	mg/L		06/03/21 18:33	06/04/21 13:29	1
Lead	0.31		0.0075	0.0075	mg/L		06/03/21 18:33	06/04/21 13:29	1
Manganese	0.62		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:29	1
Nickel	0.13		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:29	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:33	06/04/21 13:29	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199833-1

Client Sample ID: ROW-18(0-2)-052721

Lab Sample ID: 500-199833-3

Date Collected: 05/27/21 13:25

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 89.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:29	1
Zinc	0.54		0.50	0.020	mg/L		06/03/21 18:33	06/04/21 13:29	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.2		1.1	0.20	mg/Kg	☆	06/03/21 08:47	06/03/21 18:53	1
Arsenic	5.3		0.53	0.18	mg/Kg	☆	06/03/21 08:47	06/03/21 18:53	1
Barium	120		0.53	0.060	mg/Kg	☆	06/03/21 08:47	06/03/21 18:53	1
Beryllium	0.62		0.21	0.049	mg/Kg	☆	06/03/21 08:47	06/03/21 18:53	1
Cadmium	0.73	B	0.11	0.019	mg/Kg	☆	06/03/21 08:47	06/03/21 18:53	1
Calcium	82000	B	53	8.9	mg/Kg	☆	06/03/21 08:47	06/04/21 14:42	5
Chromium	45		0.53	0.26	mg/Kg	☆	06/03/21 08:47	06/03/21 18:53	1
Cobalt	8.4		0.26	0.069	mg/Kg	☆	06/03/21 08:47	06/03/21 18:53	1
Copper	36		0.53	0.15	mg/Kg	☆	06/03/21 08:47	06/03/21 18:53	1
Iron	22000		53	27	mg/Kg	☆	06/03/21 08:47	06/04/21 14:42	5
Lead	87		0.26	0.12	mg/Kg	☆	06/03/21 08:47	06/03/21 18:53	1
Magnesium	45000		26	13	mg/Kg	☆	06/03/21 08:47	06/04/21 14:42	5
Manganese	580		0.53	0.076	mg/Kg	☆	06/03/21 08:47	06/03/21 18:53	1
Nickel	22		0.53	0.15	mg/Kg	☆	06/03/21 08:47	06/03/21 18:53	1
Potassium	1400		26	9.3	mg/Kg	☆	06/03/21 08:47	06/03/21 18:53	1
Selenium	<0.53		0.53	0.31	mg/Kg	☆	06/03/21 08:47	06/03/21 18:53	1
Silver	0.41		0.26	0.068	mg/Kg	☆	06/03/21 08:47	06/03/21 18:53	1
Sodium	1200		53	7.8	mg/Kg	☆	06/03/21 08:47	06/03/21 18:53	1
Thallium	<0.53		0.53	0.26	mg/Kg	☆	06/03/21 08:47	06/03/21 18:53	1
Vanadium	30		0.26	0.062	mg/Kg	☆	06/03/21 08:47	06/03/21 18:53	1
Zinc	190		1.1	0.46	mg/Kg	☆	06/03/21 08:47	06/03/21 18:53	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 07:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 08:42	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.053		0.018	0.0060	mg/Kg	☆	06/02/21 12:50	06/03/21 08:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.4		0.2	0.2	SU			06/03/21 14:42	1

Client Sample Results

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

Job ID: 500-199833-1

Client Sample ID: ROW-18(0-2)-052721D

Lab Sample ID: 500-199833-4

Date Collected: 05/27/21 13:25

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 86.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0070	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
Benzene	<0.0016		0.0016	0.00041	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
Bromodichloromethane	<0.0016		0.0016	0.00033	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
Bromoform	<0.0016		0.0016	0.00047	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
Bromomethane	<0.0040		0.0040	0.0015	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
Carbon disulfide	<0.0040		0.0040	0.00084	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
Carbon tetrachloride	<0.0016		0.0016	0.00047	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
Chlorobenzene	<0.0016		0.0016	0.00059	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
Chloroethane	<0.0040		0.0040	0.0012	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
Chloroform	<0.0016		0.0016	0.00056	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
Chloromethane	<0.0040		0.0040	0.0016	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00045	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00049	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
Dibromochloromethane	<0.0016		0.0016	0.00053	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
1,1-Dichloroethane	<0.0016		0.0016	0.00055	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
1,2-Dichloroethane	<0.0040		0.0040	0.0013	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
1,1-Dichloroethene	<0.0016		0.0016	0.00055	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
1,2-Dichloropropane	<0.0016		0.0016	0.00042	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
1,3-Dichloropropane, Total	<0.0016		0.0016	0.00057	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
Ethylbenzene	<0.0016		0.0016	0.00077	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
2-Hexanone	<0.0040		0.0040	0.0013	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
Methylene Chloride	<0.0040		0.0040	0.0016	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
Methyl Ethyl Ketone	<0.0040		0.0040	0.0018	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
methyl isobutyl ketone	<0.0040		0.0040	0.0012	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00047	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
Styrene	<0.0016		0.0016	0.00049	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00051	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
Tetrachloroethene	<0.0016		0.0016	0.00055	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
Toluene	<0.0016		0.0016	0.00041	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00071	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00057	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00054	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00069	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
Trichloroethene	<0.0016		0.0016	0.00054	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
Vinyl chloride	<0.0016		0.0016	0.00071	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1
Xylenes, Total	<0.0032		0.0032	0.00052	mg/Kg	☼	05/28/21 17:40	06/02/21 14:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		75 - 131	05/28/21 17:40	06/02/21 14:27	1
Dibromofluoromethane	94		75 - 126	05/28/21 17:40	06/02/21 14:27	1
1,2-Dichloroethane-d4 (Surr)	91		70 - 134	05/28/21 17:40	06/02/21 14:27	1
Toluene-d8 (Surr)	97		75 - 124	05/28/21 17:40	06/02/21 14:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199833-1

Client Sample ID: ROW-18(0-2)-052721D

Lab Sample ID: 500-199833-4

Date Collected: 05/27/21 13:25

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 86.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.087	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
2,4-Dichlorophenol	<0.38		0.38	0.090	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
2,4-Dimethylphenol	<0.38		0.38	0.14	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
2,4-Dinitrophenol	<0.77		0.77	0.67	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
2,4-Dinitrotoluene	<0.19		0.19	0.061	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
2,6-Dinitrotoluene	<0.19		0.19	0.075	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
2-Chlorophenol	<0.19		0.19	0.065	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
2-Methylnaphthalene	0.021	J	0.077	0.0070	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
2-Methylphenol	<0.19		0.19	0.061	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
2-Nitrophenol	<0.38		0.38	0.090	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
3 & 4 Methylphenol	<0.19		0.19	0.063	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
3,3'-Dichlorobenzidine	<0.19	*3	0.19	0.053	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
4,6-Dinitro-2-methylphenol	<0.77		0.77	0.31	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
4-Chloroaniline	<0.77		0.77	0.18	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
4-Nitrophenol	<0.77		0.77	0.36	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Acenaphthene	0.0098	J	0.038	0.0068	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Acenaphthylene	0.027	J	0.038	0.0050	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Anthracene	0.037	J	0.038	0.0064	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Benzo[a]anthracene	0.15	*3	0.038	0.0051	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Benzo[a]pyrene	0.24	*3	0.038	0.0074	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Benzo[b]fluoranthene	0.39	*3	0.038	0.0082	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Benzo[g,h,i]perylene	0.20	*3	0.038	0.012	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Benzo[k]fluoranthene	0.096	*3	0.038	0.011	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.057	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Bis(2-ethylhexyl) phthalate	0.27	*3	0.19	0.070	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Butyl benzyl phthalate	0.14	J *3	0.19	0.072	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Carbazole	<0.19		0.19	0.095	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Chrysene	0.21	*3	0.038	0.010	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Dibenz(a,h)anthracene	<0.038	*3	0.038	0.0074	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Diethyl phthalate	<0.19		0.19	0.065	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Di-n-butyl phthalate	<0.19		0.19	0.058	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Di-n-octyl phthalate	<0.19		0.19	0.062	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Fluoranthene	0.29		0.038	0.0071	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Fluorene	0.017	J	0.038	0.0054	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Hexachlorobenzene	<0.077		0.077	0.0088	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Hexachlorobutadiene	<0.19		0.19	0.060	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Hexachlorocyclopentadiene	<0.77		0.77	0.22	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Hexachloroethane	<0.19		0.19	0.058	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199833-1

Client Sample ID: ROW-18(0-2)-052721D

Lab Sample ID: 500-199833-4

Date Collected: 05/27/21 13:25

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 86.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.077	*3	0.038	0.0099	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Naphthalene	0.014	J	0.038	0.0059	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Nitrobenzene	<0.038		0.038	0.0095	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
N-Nitrosodi-n-propylamine	<0.077		0.077	0.047	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Pentachlorophenol	<0.77		0.77	0.61	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Phenanthrene	0.17		0.038	0.0053	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Phenol	<0.19		0.19	0.085	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Pyrene	0.71	*3	0.038	0.0076	mg/Kg	☼	06/03/21 16:19	06/05/21 04:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	93		31 - 143				06/03/21 16:19	06/05/21 04:51	1
2-Fluorobiphenyl	89		43 - 145				06/03/21 16:19	06/05/21 04:51	1
2-Fluorophenol	85		31 - 166				06/03/21 16:19	06/05/21 04:51	1
Nitrobenzene-d5	82		37 - 147				06/03/21 16:19	06/05/21 04:51	1
Phenol-d5	83		30 - 153				06/03/21 16:19	06/05/21 04:51	1
Terphenyl-d14	205	*3 S1+	42 - 157				06/03/21 16:19	06/05/21 04:51	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:29	06/04/21 14:00	1
Barium	0.70		0.50	0.050	mg/L		06/03/21 18:29	06/04/21 14:00	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:29	06/04/21 14:00	1
Cadmium	0.0034	J	0.0050	0.0020	mg/L		06/03/21 18:29	06/04/21 14:00	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:00	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:00	1
Copper	0.086		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:00	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:29	06/04/21 14:00	1
Lead	0.010		0.0075	0.0075	mg/L		06/03/21 18:29	06/04/21 14:00	1
Manganese	0.56		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:00	1
Nickel	0.012	J B	0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:00	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:29	06/04/21 14:00	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:00	1
Zinc	0.25	J	0.50	0.020	mg/L		06/03/21 18:29	06/04/21 14:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.055		0.050	0.010	mg/L		06/03/21 18:33	06/04/21 13:32	1
Barium	0.63		0.50	0.050	mg/L		06/03/21 18:33	06/04/21 13:32	1
Beryllium	0.0068		0.0040	0.0040	mg/L		06/03/21 18:33	06/04/21 13:32	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:33	06/04/21 13:32	1
Chromium	0.14		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:32	1
Cobalt	0.039		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:32	1
Copper	0.16		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:32	1
Iron	150		0.40	0.20	mg/L		06/03/21 18:33	06/04/21 13:32	1
Lead	0.30		0.0075	0.0075	mg/L		06/03/21 18:33	06/04/21 13:32	1
Manganese	0.69		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:32	1
Nickel	0.14		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:32	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:33	06/04/21 13:32	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199833-1

Client Sample ID: ROW-18(0-2)-052721D

Lab Sample ID: 500-199833-4

Date Collected: 05/27/21 13:25

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 86.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:32	1
Zinc	0.62		0.50	0.020	mg/L		06/03/21 18:33	06/04/21 13:32	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.77	J	1.1	0.21	mg/Kg	✱	06/03/21 08:47	06/03/21 18:56	1
Arsenic	5.7		0.55	0.19	mg/Kg	✱	06/03/21 08:47	06/03/21 18:56	1
Barium	76		0.55	0.063	mg/Kg	✱	06/03/21 08:47	06/03/21 18:56	1
Beryllium	0.61		0.22	0.051	mg/Kg	✱	06/03/21 08:47	06/03/21 18:56	1
Cadmium	0.50	B	0.11	0.020	mg/Kg	✱	06/03/21 08:47	06/03/21 18:56	1
Calcium	78000	B	55	9.3	mg/Kg	✱	06/03/21 08:47	06/04/21 14:45	5
Chromium	28		0.55	0.27	mg/Kg	✱	06/03/21 08:47	06/03/21 18:56	1
Cobalt	9.5		0.27	0.072	mg/Kg	✱	06/03/21 08:47	06/03/21 18:56	1
Copper	30		0.55	0.15	mg/Kg	✱	06/03/21 08:47	06/03/21 18:56	1
Iron	22000		55	29	mg/Kg	✱	06/03/21 08:47	06/04/21 14:45	5
Lead	88		0.27	0.13	mg/Kg	✱	06/03/21 08:47	06/03/21 18:56	1
Magnesium	44000		27	14	mg/Kg	✱	06/03/21 08:47	06/04/21 14:45	5
Manganese	460		0.55	0.080	mg/Kg	✱	06/03/21 08:47	06/03/21 18:56	1
Nickel	23		0.55	0.16	mg/Kg	✱	06/03/21 08:47	06/03/21 18:56	1
Potassium	1400		27	9.7	mg/Kg	✱	06/03/21 08:47	06/03/21 18:56	1
Selenium	<0.55		0.55	0.32	mg/Kg	✱	06/03/21 08:47	06/03/21 18:56	1
Silver	0.40		0.27	0.071	mg/Kg	✱	06/03/21 08:47	06/03/21 18:56	1
Sodium	1300		55	8.1	mg/Kg	✱	06/03/21 08:47	06/03/21 18:56	1
Thallium	<0.55		0.55	0.27	mg/Kg	✱	06/03/21 08:47	06/03/21 18:56	1
Vanadium	26		0.27	0.065	mg/Kg	✱	06/03/21 08:47	06/03/21 18:56	1
Zinc	150		1.1	0.48	mg/Kg	✱	06/03/21 08:47	06/03/21 18:56	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 07:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 08:45	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.039		0.018	0.0058	mg/Kg	✱	06/02/21 12:50	06/03/21 08:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.5		0.2	0.2	SU			06/03/21 15:18	1

Client Sample Results

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

Job ID: 500-199833-1

Client Sample ID: ROW-16(0-2)-052721

Lab Sample ID: 500-199833-5

Date Collected: 05/27/21 13:40

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 83.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0076	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
Benzene	<0.0017		0.0017	0.00044	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
Bromodichloromethane	<0.0017		0.0017	0.00035	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
Bromoform	<0.0017		0.0017	0.00051	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
Bromomethane	<0.0044		0.0044	0.0016	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
Carbon disulfide	<0.0044		0.0044	0.00091	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
Carbon tetrachloride	<0.0017		0.0017	0.00051	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
Chlorobenzene	<0.0017		0.0017	0.00064	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
Chloroethane	<0.0044		0.0044	0.0013	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
Chloroform	<0.0017		0.0017	0.00061	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
Chloromethane	<0.0044		0.0044	0.0018	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00049	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00053	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
Dibromochloromethane	<0.0017		0.0017	0.00057	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
1,1-Dichloroethane	<0.0017		0.0017	0.00060	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
1,2-Dichloroethane	<0.0044		0.0044	0.0014	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
1,1-Dichloroethene	<0.0017		0.0017	0.00060	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
1,2-Dichloropropane	<0.0017		0.0017	0.00045	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
1,3-Dichloropropane, Total	<0.0017		0.0017	0.00061	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
Ethylbenzene	<0.0017		0.0017	0.00083	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
2-Hexanone	<0.0044		0.0044	0.0014	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
Methylene Chloride	<0.0044		0.0044	0.0017	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
Methyl Ethyl Ketone	<0.0044		0.0044	0.0019	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
methyl isobutyl ketone	<0.0044		0.0044	0.0013	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00051	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
Styrene	<0.0017		0.0017	0.00053	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00056	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
Tetrachloroethene	<0.0017		0.0017	0.00059	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
Toluene	<0.0017		0.0017	0.00044	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00077	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00061	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00059	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00075	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
Trichloroethene	<0.0017		0.0017	0.00059	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
Vinyl chloride	<0.0017		0.0017	0.00077	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1
Xylenes, Total	<0.0035		0.0035	0.00056	mg/Kg	☼	05/28/21 17:40	06/02/21 14:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		75 - 131	05/28/21 17:40	06/02/21 14:53	1
Dibromofluoromethane	96		75 - 126	05/28/21 17:40	06/02/21 14:53	1
1,2-Dichloroethane-d4 (Surr)	91		70 - 134	05/28/21 17:40	06/02/21 14:53	1
Toluene-d8 (Surr)	95		75 - 124	05/28/21 17:40	06/02/21 14:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.042	mg/Kg	☼	06/03/21 16:19	06/05/21 01:59	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	06/03/21 16:19	06/05/21 01:59	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	06/03/21 16:19	06/05/21 01:59	1
1,4-Dichlorobenzene	<0.20		0.20	0.050	mg/Kg	☼	06/03/21 16:19	06/05/21 01:59	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	☼	06/03/21 16:19	06/05/21 01:59	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199833-1

Client Sample ID: ROW-16(0-2)-052721

Lab Sample ID: 500-199833-5

Date Collected: 05/27/21 13:40

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 83.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.090	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
2,4,6-Trichlorophenol	<0.39		0.39	0.14	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
2,4-Dichlorophenol	<0.39		0.39	0.093	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
2,4-Dinitrophenol	<0.79		0.79	0.69	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
2,4-Dinitrotoluene	<0.20		0.20	0.063	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
2,6-Dinitrotoluene	<0.20		0.20	0.077	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
2-Chloronaphthalene	<0.20		0.20	0.043	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
2-Chlorophenol	<0.20		0.20	0.067	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
2-Methylnaphthalene	<0.079		0.079	0.0072	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
2-Nitrophenol	<0.39		0.39	0.093	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
3 & 4 Methylphenol	<0.20		0.20	0.066	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.32	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
4-Chloroaniline	<0.79		0.79	0.18	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
4-Nitroaniline	<0.39		0.39	0.16	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
4-Nitrophenol	<0.79		0.79	0.37	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
Acenaphthene	<0.039		0.039	0.0071	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
Anthracene	<0.039		0.039	0.0066	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
Benzo[a]anthracene	0.018	J	0.039	0.0053	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
Benzo[a]pyrene	0.015	J	0.039	0.0076	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
Benzo[b]fluoranthene	0.022	J	0.039	0.0085	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
Benzo[g,h,i]perylene	<0.039		0.039	0.013	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
Benzo[k]fluoranthene	<0.039		0.039	0.012	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
Butyl benzyl phthalate	<0.20		0.20	0.075	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
Carbazole	<0.20		0.20	0.098	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
Chrysene	0.020	J	0.039	0.011	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
Dibenz(a,h)anthracene	<0.039		0.039	0.0076	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
Diethyl phthalate	<0.20		0.20	0.067	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
Dimethyl phthalate	<0.20		0.20	0.051	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
Fluoranthene	0.024	J	0.039	0.0073	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
Fluorene	<0.039		0.039	0.0055	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
Hexachlorobenzene	<0.079		0.079	0.0091	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
Hexachlorocyclopentadiene	<0.79		0.79	0.23	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1
Hexachloroethane	<0.20		0.20	0.060	mg/Kg	✳	06/03/21 16:19	06/05/21 01:59	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199833-1

Client Sample ID: ROW-16(0-2)-052721

Lab Sample ID: 500-199833-5

Date Collected: 05/27/21 13:40

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 83.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.039		0.039	0.010	mg/Kg	☼	06/03/21 16:19	06/05/21 01:59	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	06/03/21 16:19	06/05/21 01:59	1
Naphthalene	<0.039		0.039	0.0061	mg/Kg	☼	06/03/21 16:19	06/05/21 01:59	1
Nitrobenzene	<0.039		0.039	0.0098	mg/Kg	☼	06/03/21 16:19	06/05/21 01:59	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.048	mg/Kg	☼	06/03/21 16:19	06/05/21 01:59	1
N-Nitrosodiphenylamine	<0.20		0.20	0.046	mg/Kg	☼	06/03/21 16:19	06/05/21 01:59	1
Pentachlorophenol	<0.79		0.79	0.63	mg/Kg	☼	06/03/21 16:19	06/05/21 01:59	1
Phenanthrene	0.013	J	0.039	0.0055	mg/Kg	☼	06/03/21 16:19	06/05/21 01:59	1
Phenol	<0.20		0.20	0.087	mg/Kg	☼	06/03/21 16:19	06/05/21 01:59	1
Pyrene	0.026	J	0.039	0.0078	mg/Kg	☼	06/03/21 16:19	06/05/21 01:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	63		31 - 143	06/03/21 16:19	06/05/21 01:59	1
2-Fluorobiphenyl	90		43 - 145	06/03/21 16:19	06/05/21 01:59	1
2-Fluorophenol	90		31 - 166	06/03/21 16:19	06/05/21 01:59	1
Nitrobenzene-d5	82		37 - 147	06/03/21 16:19	06/05/21 01:59	1
Phenol-d5	88		30 - 153	06/03/21 16:19	06/05/21 01:59	1
Terphenyl-d14	115		42 - 157	06/03/21 16:19	06/05/21 01:59	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:29	06/04/21 14:04	1
Barium	0.71		0.50	0.050	mg/L		06/03/21 18:29	06/04/21 14:04	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:29	06/04/21 14:04	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:29	06/04/21 14:04	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:04	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:04	1
Copper	0.021	J	0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:04	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:29	06/04/21 14:04	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/21 18:29	06/04/21 14:04	1
Manganese	1.2		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:04	1
Nickel	0.010	J B	0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:04	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:29	06/04/21 14:04	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:04	1
Zinc	0.045	J	0.50	0.020	mg/L		06/03/21 18:29	06/04/21 14:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.079		0.050	0.010	mg/L		06/03/21 18:33	06/04/21 13:35	1
Barium	1.1		0.50	0.050	mg/L		06/03/21 18:33	06/04/21 13:35	1
Beryllium	0.011		0.0040	0.0040	mg/L		06/03/21 18:33	06/04/21 13:35	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:33	06/04/21 13:35	1
Chromium	0.24		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:35	1
Cobalt	0.053		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:35	1
Copper	0.21		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:35	1
Iron	230		0.40	0.20	mg/L		06/03/21 18:33	06/04/21 13:35	1
Lead	0.17		0.0075	0.0075	mg/L		06/03/21 18:33	06/04/21 13:35	1
Manganese	0.99		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:35	1
Nickel	0.21		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:35	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:33	06/04/21 13:35	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199833-1

Client Sample ID: ROW-16(0-2)-052721

Lab Sample ID: 500-199833-5

Date Collected: 05/27/21 13:40

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 83.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:35	1
Zinc	0.76		0.50	0.020	mg/L		06/03/21 18:33	06/04/21 13:35	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.84	J	1.1	0.21	mg/Kg	✱	06/03/21 08:47	06/03/21 19:07	1
Arsenic	6.5		0.54	0.19	mg/Kg	✱	06/03/21 08:47	06/03/21 19:07	1
Barium	110		0.54	0.062	mg/Kg	✱	06/03/21 08:47	06/03/21 19:07	1
Beryllium	0.85		0.22	0.051	mg/Kg	✱	06/03/21 08:47	06/03/21 19:07	1
Cadmium	0.16	B	0.11	0.020	mg/Kg	✱	06/03/21 08:47	06/03/21 19:07	1
Calcium	9600	B	11	1.8	mg/Kg	✱	06/03/21 08:47	06/03/21 19:07	1
Chromium	19		0.54	0.27	mg/Kg	✱	06/03/21 08:47	06/03/21 19:07	1
Cobalt	12		0.27	0.071	mg/Kg	✱	06/03/21 08:47	06/03/21 19:07	1
Copper	17		0.54	0.15	mg/Kg	✱	06/03/21 08:47	06/03/21 19:07	1
Iron	17000		11	5.7	mg/Kg	✱	06/03/21 08:47	06/03/21 19:07	1
Lead	38		0.27	0.13	mg/Kg	✱	06/03/21 08:47	06/03/21 19:07	1
Magnesium	6900		5.4	2.7	mg/Kg	✱	06/03/21 08:47	06/03/21 19:07	1
Manganese	530		0.54	0.079	mg/Kg	✱	06/03/21 08:47	06/03/21 19:07	1
Nickel	22		0.54	0.16	mg/Kg	✱	06/03/21 08:47	06/03/21 19:07	1
Potassium	1300		27	9.6	mg/Kg	✱	06/03/21 08:47	06/03/21 19:07	1
Selenium	0.35	J	0.54	0.32	mg/Kg	✱	06/03/21 08:47	06/03/21 19:07	1
Silver	0.59		0.27	0.070	mg/Kg	✱	06/03/21 08:47	06/03/21 19:07	1
Sodium	2500		54	8.0	mg/Kg	✱	06/03/21 08:47	06/03/21 19:07	1
Thallium	<0.54		0.54	0.27	mg/Kg	✱	06/03/21 08:47	06/03/21 19:07	1
Vanadium	32		0.27	0.064	mg/Kg	✱	06/03/21 08:47	06/03/21 19:07	1
Zinc	63		1.1	0.48	mg/Kg	✱	06/03/21 08:47	06/03/21 19:07	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 07:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 08:47	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.048		0.018	0.0059	mg/Kg	✱	06/02/21 12:50	06/03/21 08:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.0		0.2	0.2	SU			06/03/21 15:18	1

Client Sample Results

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

Job ID: 500-199833-1

Client Sample ID: ROW-14(0-2)-052721

Lab Sample ID: 500-199833-6

Date Collected: 05/27/21 13:50

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 89.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0070	mg/Kg	✱	05/28/21 17:40	06/02/21 15:19	1
Benzene	<0.0016		0.0016	0.00041	mg/Kg	✱	05/28/21 17:40	06/02/21 15:19	1
Bromodichloromethane	<0.0016		0.0016	0.00033	mg/Kg	✱	05/28/21 17:40	06/02/21 15:19	1
Bromoform	<0.0016		0.0016	0.00047	mg/Kg	✱	05/28/21 17:40	06/02/21 15:19	1
Bromomethane	<0.0040		0.0040	0.0015	mg/Kg	✱	05/28/21 17:40	06/02/21 15:19	1
Carbon disulfide	<0.0040		0.0040	0.00084	mg/Kg	✱	05/28/21 17:40	06/02/21 15:19	1
Carbon tetrachloride	<0.0016		0.0016	0.00047	mg/Kg	✱	05/28/21 17:40	06/02/21 15:19	1
Chlorobenzene	<0.0016		0.0016	0.00059	mg/Kg	✱	05/28/21 17:40	06/02/21 15:19	1
Chloroethane	<0.0040		0.0040	0.0012	mg/Kg	✱	05/28/21 17:40	06/02/21 15:19	1
Chloroform	<0.0016		0.0016	0.00056	mg/Kg	✱	05/28/21 17:40	06/02/21 15:19	1
Chloromethane	<0.0040		0.0040	0.0016	mg/Kg	✱	05/28/21 17:40	06/02/21 15:19	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00045	mg/Kg	✱	05/28/21 17:40	06/02/21 15:19	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00048	mg/Kg	✱	05/28/21 17:40	06/02/21 15:19	1
Dibromochloromethane	<0.0016		0.0016	0.00053	mg/Kg	✱	05/28/21 17:40	06/02/21 15:19	1
1,1-Dichloroethane	<0.0016		0.0016	0.00055	mg/Kg	✱	05/28/21 17:40	06/02/21 15:19	1
1,2-Dichloroethane	<0.0040		0.0040	0.0013	mg/Kg	✱	05/28/21 17:40	06/02/21 15:19	1
1,1-Dichloroethene	<0.0016		0.0016	0.00055	mg/Kg	✱	05/28/21 17:40	06/02/21 15:19	1
1,2-Dichloropropane	<0.0016		0.0016	0.00042	mg/Kg	✱	05/28/21 17:40	06/02/21 15:19	1
1,3-Dichloropropane, Total	<0.0016		0.0016	0.00056	mg/Kg	✱	05/28/21 17:40	06/02/21 15:19	1
Ethylbenzene	<0.0016		0.0016	0.00077	mg/Kg	✱	05/28/21 17:40	06/02/21 15:19	1
2-Hexanone	<0.0040		0.0040	0.0013	mg/Kg	✱	05/28/21 17:40	06/02/21 15:19	1
Methylene Chloride	<0.0040		0.0040	0.0016	mg/Kg	✱	05/28/21 17:40	06/02/21 15:19	1
Methyl Ethyl Ketone	<0.0040		0.0040	0.0018	mg/Kg	✱	05/28/21 17:40	06/02/21 15:19	1
methyl isobutyl ketone	<0.0040		0.0040	0.0012	mg/Kg	✱	05/28/21 17:40	06/02/21 15:19	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00047	mg/Kg	✱	05/28/21 17:40	06/02/21 15:19	1
Styrene	<0.0016		0.0016	0.00049	mg/Kg	✱	05/28/21 17:40	06/02/21 15:19	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00051	mg/Kg	✱	05/28/21 17:40	06/02/21 15:19	1
Tetrachloroethene	<0.0016		0.0016	0.00055	mg/Kg	✱	05/28/21 17:40	06/02/21 15:19	1
Toluene	<0.0016		0.0016	0.00041	mg/Kg	✱	05/28/21 17:40	06/02/21 15:19	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00071	mg/Kg	✱	05/28/21 17:40	06/02/21 15:19	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00056	mg/Kg	✱	05/28/21 17:40	06/02/21 15:19	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00054	mg/Kg	✱	05/28/21 17:40	06/02/21 15:19	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00069	mg/Kg	✱	05/28/21 17:40	06/02/21 15:19	1
Trichloroethene	<0.0016		0.0016	0.00054	mg/Kg	✱	05/28/21 17:40	06/02/21 15:19	1
Vinyl chloride	<0.0016		0.0016	0.00071	mg/Kg	✱	05/28/21 17:40	06/02/21 15:19	1
Xylenes, Total	<0.0032		0.0032	0.00051	mg/Kg	✱	05/28/21 17:40	06/02/21 15:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		75 - 131	05/28/21 17:40	06/02/21 15:19	1
Dibromofluoromethane	96		75 - 126	05/28/21 17:40	06/02/21 15:19	1
1,2-Dichloroethane-d4 (Surr)	92		70 - 134	05/28/21 17:40	06/02/21 15:19	1
Toluene-d8 (Surr)	95		75 - 124	05/28/21 17:40	06/02/21 15:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.039	mg/Kg	✱	06/03/21 16:19	06/05/21 05:12	1
1,2-Dichlorobenzene	<0.18		0.18	0.044	mg/Kg	✱	06/03/21 16:19	06/05/21 05:12	1
1,3-Dichlorobenzene	<0.18		0.18	0.041	mg/Kg	✱	06/03/21 16:19	06/05/21 05:12	1
1,4-Dichlorobenzene	<0.18		0.18	0.047	mg/Kg	✱	06/03/21 16:19	06/05/21 05:12	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.042	mg/Kg	✱	06/03/21 16:19	06/05/21 05:12	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199833-1

Client Sample ID: ROW-14(0-2)-052721

Lab Sample ID: 500-199833-6

Date Collected: 05/27/21 13:50

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 89.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.36		0.36	0.084	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
2,4,6-Trichlorophenol	<0.36		0.36	0.13	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
2,4-Dichlorophenol	<0.36		0.36	0.087	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
2,4-Dimethylphenol	<0.36		0.36	0.14	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
2,4-Dinitrophenol	<0.74		0.74	0.64	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
2,4-Dinitrotoluene	<0.18		0.18	0.058	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
2,6-Dinitrotoluene	<0.18		0.18	0.072	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
2-Chloronaphthalene	<0.18		0.18	0.040	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
2-Chlorophenol	<0.18		0.18	0.062	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
2-Methylnaphthalene	<0.074		0.074	0.0067	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
2-Methylphenol	<0.18		0.18	0.059	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
2-Nitroaniline	<0.18		0.18	0.049	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
2-Nitrophenol	<0.36		0.36	0.087	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
3 & 4 Methylphenol	<0.18		0.18	0.061	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
3,3'-Dichlorobenzidine	<0.18	*3	0.18	0.051	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
3-Nitroaniline	<0.36		0.36	0.11	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
4,6-Dinitro-2-methylphenol	<0.74		0.74	0.29	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.048	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
4-Chloro-3-methylphenol	<0.36		0.36	0.12	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
4-Chloroaniline	<0.74		0.74	0.17	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.043	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
4-Nitroaniline	<0.36		0.36	0.15	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
4-Nitrophenol	<0.74		0.74	0.35	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Acenaphthene	<0.036		0.036	0.0066	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Acenaphthylene	0.015	J	0.036	0.0048	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Anthracene	0.027	J	0.036	0.0061	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Benzo[a]anthracene	0.14	*3	0.036	0.0049	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Benzo[a]pyrene	0.17	*3	0.036	0.0071	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Benzo[b]fluoranthene	0.24	*3	0.036	0.0079	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Benzo[g,h,i]perylene	<0.036	*3	0.036	0.012	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Benzo[k]fluoranthene	0.094	*3	0.036	0.011	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.037	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.055	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Bis(2-ethylhexyl) phthalate	0.15	J *3	0.18	0.067	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Butyl benzyl phthalate	<0.18	*3	0.18	0.070	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Carbazole	<0.18		0.18	0.091	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Chrysene	0.18	*3	0.036	0.010	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Dibenz(a,h)anthracene	<0.036	*3	0.036	0.0071	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Dibenzofuran	<0.18		0.18	0.043	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Diethyl phthalate	<0.18		0.18	0.062	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Dimethyl phthalate	<0.18		0.18	0.048	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Di-n-butyl phthalate	<0.18		0.18	0.056	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Di-n-octyl phthalate	<0.18		0.18	0.060	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Fluoranthene	0.18		0.036	0.0068	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Fluorene	0.0096	J	0.036	0.0051	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Hexachlorobenzene	<0.074		0.074	0.0085	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Hexachlorobutadiene	<0.18		0.18	0.058	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Hexachlorocyclopentadiene	<0.74		0.74	0.21	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Hexachloroethane	<0.18		0.18	0.056	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199833-1

Client Sample ID: ROW-14(0-2)-052721

Lab Sample ID: 500-199833-6

Date Collected: 05/27/21 13:50

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 89.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.036	*3	0.036	0.0095	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Isophorone	<0.18		0.18	0.041	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Naphthalene	<0.036		0.036	0.0056	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Nitrobenzene	<0.036		0.036	0.0091	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
N-Nitrosodi-n-propylamine	<0.074		0.074	0.045	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
N-Nitrosodiphenylamine	<0.18		0.18	0.043	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Pentachlorophenol	<0.74		0.74	0.59	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Phenanthrene	0.13		0.036	0.0051	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Phenol	<0.18		0.18	0.081	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Pyrene	0.49	*3	0.036	0.0073	mg/Kg	☼	06/03/21 16:19	06/05/21 05:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	72		31 - 143				06/03/21 16:19	06/05/21 05:12	1
2-Fluorobiphenyl	95		43 - 145				06/03/21 16:19	06/05/21 05:12	1
2-Fluorophenol	90		31 - 166				06/03/21 16:19	06/05/21 05:12	1
Nitrobenzene-d5	87		37 - 147				06/03/21 16:19	06/05/21 05:12	1
Phenol-d5	87		30 - 153				06/03/21 16:19	06/05/21 05:12	1
Terphenyl-d14	243	*3 S1+	42 - 157				06/03/21 16:19	06/05/21 05:12	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:29	06/04/21 14:08	1
Barium	0.38	J	0.50	0.050	mg/L		06/03/21 18:29	06/04/21 14:08	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:29	06/04/21 14:08	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:29	06/04/21 14:08	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:08	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:08	1
Copper	0.015	J	0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:08	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:29	06/04/21 14:08	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/21 18:29	06/04/21 14:08	1
Manganese	5.5		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:08	1
Nickel	0.013	J B	0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:08	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:29	06/04/21 14:08	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:08	1
Zinc	0.098	J	0.50	0.020	mg/L		06/03/21 18:29	06/04/21 14:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.011	J	0.050	0.010	mg/L		06/03/21 18:33	06/04/21 13:38	1
Barium	0.23	J	0.50	0.050	mg/L		06/03/21 18:33	06/04/21 13:38	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:33	06/04/21 13:38	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:33	06/04/21 13:38	1
Chromium	0.059		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:38	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:38	1
Copper	0.044		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:38	1
Iron	43		0.40	0.20	mg/L		06/03/21 18:33	06/04/21 13:38	1
Lead	0.052		0.0075	0.0075	mg/L		06/03/21 18:33	06/04/21 13:38	1
Manganese	0.24		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:38	1
Nickel	0.038		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:38	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:33	06/04/21 13:38	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199833-1

Client Sample ID: ROW-14(0-2)-052721

Lab Sample ID: 500-199833-6

Date Collected: 05/27/21 13:50

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 89.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:38	1
Zinc	0.17	J	0.50	0.020	mg/L		06/03/21 18:33	06/04/21 13:38	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.50	J	1.1	0.21	mg/Kg	✧	06/03/21 08:47	06/03/21 19:10	1
Arsenic	2.1		0.55	0.19	mg/Kg	✧	06/03/21 08:47	06/03/21 19:10	1
Barium	29		0.55	0.063	mg/Kg	✧	06/03/21 08:47	06/03/21 19:10	1
Beryllium	0.31		0.22	0.051	mg/Kg	✧	06/03/21 08:47	06/03/21 19:10	1
Cadmium	0.25	B	0.11	0.020	mg/Kg	✧	06/03/21 08:47	06/03/21 19:10	1
Calcium	130000	B	55	9.3	mg/Kg	✧	06/03/21 08:47	06/04/21 14:48	5
Chromium	22		0.55	0.27	mg/Kg	✧	06/03/21 08:47	06/03/21 19:10	1
Cobalt	4.0		0.27	0.072	mg/Kg	✧	06/03/21 08:47	06/03/21 19:10	1
Copper	18		0.55	0.15	mg/Kg	✧	06/03/21 08:47	06/03/21 19:10	1
Iron	12000		55	29	mg/Kg	✧	06/03/21 08:47	06/04/21 14:48	5
Lead	32		0.27	0.13	mg/Kg	✧	06/03/21 08:47	06/03/21 19:10	1
Magnesium	71000		27	14	mg/Kg	✧	06/03/21 08:47	06/04/21 14:48	5
Manganese	570		0.55	0.079	mg/Kg	✧	06/03/21 08:47	06/03/21 19:10	1
Nickel	12		0.55	0.16	mg/Kg	✧	06/03/21 08:47	06/03/21 19:10	1
Potassium	710		27	9.7	mg/Kg	✧	06/03/21 08:47	06/03/21 19:10	1
Selenium	<0.55		0.55	0.32	mg/Kg	✧	06/03/21 08:47	06/03/21 19:10	1
Silver	0.25	J	0.27	0.071	mg/Kg	✧	06/03/21 08:47	06/03/21 19:10	1
Sodium	550		55	8.1	mg/Kg	✧	06/03/21 08:47	06/03/21 19:10	1
Thallium	<0.55		0.55	0.27	mg/Kg	✧	06/03/21 08:47	06/03/21 19:10	1
Vanadium	28		0.27	0.065	mg/Kg	✧	06/03/21 08:47	06/03/21 19:10	1
Zinc	55		1.1	0.48	mg/Kg	✧	06/03/21 08:47	06/03/21 19:10	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 07:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 08:49	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.016	J	0.017	0.0056	mg/Kg	✧	06/02/21 12:50	06/03/21 08:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.8		0.2	0.2	SU			06/03/21 15:18	1

Client Sample Results

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

Job ID: 500-199833-1

Client Sample ID: ROW-12(0-2)-052721

Lab Sample ID: 500-199833-7

Date Collected: 05/27/21 14:10

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 93.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.024		0.024	0.010	mg/Kg	✱	05/28/21 17:40	06/02/21 15:44	1
Benzene	<0.0024		0.0024	0.00061	mg/Kg	✱	05/28/21 17:40	06/02/21 15:44	1
Bromodichloromethane	<0.0024		0.0024	0.00048	mg/Kg	✱	05/28/21 17:40	06/02/21 15:44	1
Bromoform	<0.0024		0.0024	0.00069	mg/Kg	✱	05/28/21 17:40	06/02/21 15:44	1
Bromomethane	<0.0059		0.0059	0.0022	mg/Kg	✱	05/28/21 17:40	06/02/21 15:44	1
Carbon disulfide	<0.0059		0.0059	0.0012	mg/Kg	✱	05/28/21 17:40	06/02/21 15:44	1
Carbon tetrachloride	<0.0024		0.0024	0.00069	mg/Kg	✱	05/28/21 17:40	06/02/21 15:44	1
Chlorobenzene	<0.0024		0.0024	0.00088	mg/Kg	✱	05/28/21 17:40	06/02/21 15:44	1
Chloroethane	<0.0059		0.0059	0.0018	mg/Kg	✱	05/28/21 17:40	06/02/21 15:44	1
Chloroform	<0.0024		0.0024	0.00082	mg/Kg	✱	05/28/21 17:40	06/02/21 15:44	1
Chloromethane	<0.0059		0.0059	0.0024	mg/Kg	✱	05/28/21 17:40	06/02/21 15:44	1
cis-1,2-Dichloroethene	<0.0024		0.0024	0.00066	mg/Kg	✱	05/28/21 17:40	06/02/21 15:44	1
cis-1,3-Dichloropropene	<0.0024		0.0024	0.00072	mg/Kg	✱	05/28/21 17:40	06/02/21 15:44	1
Dibromochloromethane	<0.0024		0.0024	0.00078	mg/Kg	✱	05/28/21 17:40	06/02/21 15:44	1
1,1-Dichloroethane	<0.0024		0.0024	0.00081	mg/Kg	✱	05/28/21 17:40	06/02/21 15:44	1
1,2-Dichloroethane	<0.0059		0.0059	0.0019	mg/Kg	✱	05/28/21 17:40	06/02/21 15:44	1
1,1-Dichloroethene	<0.0024		0.0024	0.00082	mg/Kg	✱	05/28/21 17:40	06/02/21 15:44	1
1,2-Dichloropropane	<0.0024		0.0024	0.00061	mg/Kg	✱	05/28/21 17:40	06/02/21 15:44	1
1,3-Dichloropropene, Total	<0.0024		0.0024	0.00083	mg/Kg	✱	05/28/21 17:40	06/02/21 15:44	1
Ethylbenzene	<0.0024		0.0024	0.0011	mg/Kg	✱	05/28/21 17:40	06/02/21 15:44	1
2-Hexanone	<0.0059		0.0059	0.0019	mg/Kg	✱	05/28/21 17:40	06/02/21 15:44	1
Methylene Chloride	<0.0059		0.0059	0.0023	mg/Kg	✱	05/28/21 17:40	06/02/21 15:44	1
Methyl Ethyl Ketone	<0.0059		0.0059	0.0026	mg/Kg	✱	05/28/21 17:40	06/02/21 15:44	1
methyl isobutyl ketone	<0.0059		0.0059	0.0018	mg/Kg	✱	05/28/21 17:40	06/02/21 15:44	1
Methyl tert-butyl ether	<0.0024		0.0024	0.00070	mg/Kg	✱	05/28/21 17:40	06/02/21 15:44	1
Styrene	<0.0024		0.0024	0.00072	mg/Kg	✱	05/28/21 17:40	06/02/21 15:44	1
1,1,2,2-Tetrachloroethane	<0.0024		0.0024	0.00076	mg/Kg	✱	05/28/21 17:40	06/02/21 15:44	1
Tetrachloroethene	<0.0024		0.0024	0.00081	mg/Kg	✱	05/28/21 17:40	06/02/21 15:44	1
Toluene	<0.0024		0.0024	0.00060	mg/Kg	✱	05/28/21 17:40	06/02/21 15:44	1
trans-1,2-Dichloroethene	<0.0024		0.0024	0.0011	mg/Kg	✱	05/28/21 17:40	06/02/21 15:44	1
trans-1,3-Dichloropropene	<0.0024		0.0024	0.00083	mg/Kg	✱	05/28/21 17:40	06/02/21 15:44	1
1,1,1-Trichloroethane	<0.0024		0.0024	0.00080	mg/Kg	✱	05/28/21 17:40	06/02/21 15:44	1
1,1,2-Trichloroethane	<0.0024		0.0024	0.0010	mg/Kg	✱	05/28/21 17:40	06/02/21 15:44	1
Trichloroethene	<0.0024		0.0024	0.00080	mg/Kg	✱	05/28/21 17:40	06/02/21 15:44	1
Vinyl chloride	<0.0024		0.0024	0.0011	mg/Kg	✱	05/28/21 17:40	06/02/21 15:44	1
Xylenes, Total	<0.0047		0.0047	0.00076	mg/Kg	✱	05/28/21 17:40	06/02/21 15:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		75 - 131	05/28/21 17:40	06/02/21 15:44	1
Dibromofluoromethane	91		75 - 126	05/28/21 17:40	06/02/21 15:44	1
1,2-Dichloroethane-d4 (Surr)	87		70 - 134	05/28/21 17:40	06/02/21 15:44	1
Toluene-d8 (Surr)	96		75 - 124	05/28/21 17:40	06/02/21 15:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.038	mg/Kg	✱	06/03/21 16:19	06/05/21 05:55	1
1,2-Dichlorobenzene	<0.18		0.18	0.042	mg/Kg	✱	06/03/21 16:19	06/05/21 05:55	1
1,3-Dichlorobenzene	<0.18		0.18	0.040	mg/Kg	✱	06/03/21 16:19	06/05/21 05:55	1
1,4-Dichlorobenzene	<0.18		0.18	0.046	mg/Kg	✱	06/03/21 16:19	06/05/21 05:55	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.041	mg/Kg	✱	06/03/21 16:19	06/05/21 05:55	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199833-1

Client Sample ID: ROW-12(0-2)-052721

Lab Sample ID: 500-199833-7

Date Collected: 05/27/21 14:10

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 93.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.35		0.35	0.081	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
2,4,6-Trichlorophenol	<0.35		0.35	0.12	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
2,4-Dichlorophenol	<0.35		0.35	0.084	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
2,4-Dimethylphenol	<0.35		0.35	0.13	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
2,4-Dinitrophenol	<0.72	F1	0.72	0.63	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
2,4-Dinitrotoluene	<0.18	F1	0.18	0.056	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
2,6-Dinitrotoluene	<0.18	F1	0.18	0.070	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
2-Chloronaphthalene	<0.18		0.18	0.039	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
2-Chlorophenol	<0.18		0.18	0.061	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
2-Methylnaphthalene	0.013	J	0.072	0.0065	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
2-Methylphenol	<0.18		0.18	0.057	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
2-Nitroaniline	<0.18		0.18	0.048	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
2-Nitrophenol	<0.35	F1	0.35	0.084	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
3 & 4 Methylphenol	<0.18		0.18	0.059	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
3,3'-Dichlorobenzidine	<0.18	*3 F1 F2	0.18	0.050	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
3-Nitroaniline	<0.35		0.35	0.11	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
4,6-Dinitro-2-methylphenol	<0.72	F1	0.72	0.29	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.047	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
4-Chloro-3-methylphenol	<0.35		0.35	0.12	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
4-Chloroaniline	<0.72	F1	0.72	0.17	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.041	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
4-Nitroaniline	<0.35	F1	0.35	0.15	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
4-Nitrophenol	<0.72		0.72	0.34	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
Acenaphthene	0.016	J	0.035	0.0064	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
Acenaphthylene	0.011	J	0.035	0.0047	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
Anthracene	0.047		0.035	0.0059	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
Benzo[a]anthracene	0.22	*3	0.035	0.0048	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
Benzo[a]pyrene	0.25	*3	0.035	0.0069	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
Benzo[b]fluoranthene	0.42	*3	0.035	0.0077	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
Benzo[g,h,i]perylene	0.27	*3 F1	0.035	0.011	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
Benzo[k]fluoranthene	0.19	*3	0.035	0.010	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.036	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.053	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
Bis(2-ethylhexyl) phthalate	0.44	*3 F1	0.18	0.065	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
Carbazole	<0.18		0.18	0.089	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
Chrysene	0.30	*3	0.035	0.0097	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
Dibenz(a,h)anthracene	<0.035	*3 F1	0.035	0.0069	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
Dibenzofuran	<0.18		0.18	0.042	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
Diethyl phthalate	<0.18		0.18	0.060	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
Dimethyl phthalate	<0.18		0.18	0.046	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
Di-n-butyl phthalate	<0.18		0.18	0.054	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
Di-n-octyl phthalate	<0.18	F1	0.18	0.058	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
Fluoranthene	0.33	F1	0.035	0.0066	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
Fluorene	0.017	J	0.035	0.0050	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
Hexachlorobenzene	<0.072		0.072	0.0082	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
Hexachlorobutadiene	<0.18		0.18	0.056	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
Hexachlorocyclopentadiene	<0.72	F1	0.72	0.20	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
Hexachloroethane	<0.18	F1	0.18	0.054	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
Indeno[1,2,3-cd]pyrene	<0.035	*3 F1	0.035	0.0092	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199833-1

Client Sample ID: ROW-12(0-2)-052721

Lab Sample ID: 500-199833-7

Date Collected: 05/27/21 14:10

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 93.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isophorone	<0.18		0.18	0.040	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
Naphthalene	0.013	J	0.035	0.0055	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
Nitrobenzene	<0.035		0.035	0.0089	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
N-Nitrosodi-n-propylamine	<0.072		0.072	0.043	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
N-Nitrosodiphenylamine	<0.18	F1	0.18	0.042	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
Pentachlorophenol	<0.72		0.72	0.57	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
Phenanthrene	0.24		0.035	0.0049	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
Phenol	<0.18		0.18	0.079	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
Pyrene	0.89	*3 F1	0.035	0.0071	mg/Kg	☼	06/03/21 16:19	06/05/21 05:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	82		31 - 143				06/03/21 16:19	06/05/21 05:55	1
2-Fluorobiphenyl	103		43 - 145				06/03/21 16:19	06/05/21 05:55	1
2-Fluorophenol	97		31 - 166				06/03/21 16:19	06/05/21 05:55	1
Nitrobenzene-d5	87		37 - 147				06/03/21 16:19	06/05/21 05:55	1
Phenol-d5	89		30 - 153				06/03/21 16:19	06/05/21 05:55	1
Terphenyl-d14	253	*3 S1+	42 - 157				06/03/21 16:19	06/05/21 05:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Butyl benzyl phthalate	2.7	*3	0.36	0.14	mg/Kg	☼	06/03/21 16:19	06/07/21 17:34	2
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	64		31 - 143				06/03/21 16:19	06/07/21 17:34	2
2-Fluorobiphenyl	99		43 - 145				06/03/21 16:19	06/07/21 17:34	2
2-Fluorophenol	106		31 - 166				06/03/21 16:19	06/07/21 17:34	2
Nitrobenzene-d5	85		37 - 147				06/03/21 16:19	06/07/21 17:34	2
Phenol-d5	97		30 - 153				06/03/21 16:19	06/07/21 17:34	2
Terphenyl-d14	206	*3 S1+	42 - 157				06/03/21 16:19	06/07/21 17:34	2

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:29	06/04/21 14:12	1
Barium	0.66		0.50	0.050	mg/L		06/03/21 18:29	06/04/21 14:12	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:29	06/04/21 14:12	1
Cadmium	0.0020	J	0.0050	0.0020	mg/L		06/03/21 18:29	06/04/21 14:12	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:12	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:12	1
Copper	0.046		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:12	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:29	06/04/21 14:12	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/21 18:29	06/04/21 14:12	1
Manganese	1.1		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:12	1
Nickel	0.010	J B	0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:12	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:29	06/04/21 14:12	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:12	1
Zinc	0.28	J	0.50	0.020	mg/L		06/03/21 18:29	06/04/21 14:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:33	06/04/21 13:41	1
Barium	0.18	J	0.50	0.050	mg/L		06/03/21 18:33	06/04/21 13:41	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199833-1

Client Sample ID: ROW-12(0-2)-052721

Lab Sample ID: 500-199833-7

Date Collected: 05/27/21 14:10

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 93.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:33	06/04/21 13:41	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:33	06/04/21 13:41	1
Chromium	0.040		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:41	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:41	1
Copper	0.045		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:41	1
Iron	29		0.40	0.20	mg/L		06/03/21 18:33	06/04/21 13:41	1
Lead	0.062		0.0075	0.0075	mg/L		06/03/21 18:33	06/04/21 13:41	1
Manganese	0.25		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:41	1
Nickel	0.030		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:41	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:33	06/04/21 13:41	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:41	1
Zinc	0.26	J	0.50	0.020	mg/L		06/03/21 18:33	06/04/21 13:41	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.47	J	1.1	0.21	mg/Kg	✱	06/03/21 08:47	06/03/21 19:13	1
Arsenic	2.9		0.53	0.18	mg/Kg	✱	06/03/21 08:47	06/03/21 19:13	1
Barium	65		0.53	0.060	mg/Kg	✱	06/03/21 08:47	06/03/21 19:13	1
Beryllium	0.40		0.21	0.050	mg/Kg	✱	06/03/21 08:47	06/03/21 19:13	1
Cadmium	0.42	B	0.11	0.019	mg/Kg	✱	06/03/21 08:47	06/03/21 19:13	1
Calcium	140000	B	53	9.0	mg/Kg	✱	06/03/21 08:47	06/04/21 14:51	5
Chromium	21		0.53	0.26	mg/Kg	✱	06/03/21 08:47	06/03/21 19:13	1
Cobalt	4.7		0.27	0.069	mg/Kg	✱	06/03/21 08:47	06/03/21 19:13	1
Copper	21		0.53	0.15	mg/Kg	✱	06/03/21 08:47	06/03/21 19:13	1
Iron	12000		53	28	mg/Kg	✱	06/03/21 08:47	06/04/21 14:51	5
Lead	31		0.27	0.12	mg/Kg	✱	06/03/21 08:47	06/03/21 19:13	1
Magnesium	77000		27	13	mg/Kg	✱	06/03/21 08:47	06/04/21 14:51	5
Manganese	460		0.53	0.077	mg/Kg	✱	06/03/21 08:47	06/03/21 19:13	1
Nickel	13		0.53	0.15	mg/Kg	✱	06/03/21 08:47	06/03/21 19:13	1
Potassium	860		27	9.4	mg/Kg	✱	06/03/21 08:47	06/03/21 19:13	1
Selenium	<0.53		0.53	0.31	mg/Kg	✱	06/03/21 08:47	06/03/21 19:13	1
Silver	0.22	J	0.27	0.068	mg/Kg	✱	06/03/21 08:47	06/03/21 19:13	1
Sodium	840		53	7.9	mg/Kg	✱	06/03/21 08:47	06/03/21 19:13	1
Thallium	<0.53		0.53	0.26	mg/Kg	✱	06/03/21 08:47	06/03/21 19:13	1
Vanadium	19		0.27	0.063	mg/Kg	✱	06/03/21 08:47	06/03/21 19:13	1
Zinc	120		1.1	0.47	mg/Kg	✱	06/03/21 08:47	06/03/21 19:13	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 07:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 08:51	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.016	J	0.017	0.0057	mg/Kg	✱	06/02/21 12:50	06/03/21 08:29	1

Client Sample Results

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

Job ID: 500-199833-1

Client Sample ID: ROW-12(0-2)-052721

Lab Sample ID: 500-199833-7

Date Collected: 05/27/21 14:10

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 93.2

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.6		0.2	0.2	SU			06/03/21 15:18	1

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

Client Sample Results

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

Job ID: 500-199833-1

Client Sample ID: ROW-10(0-2)-052721

Lab Sample ID: 500-199833-8

Date Collected: 05/27/21 14:20

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 85.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0069	mg/Kg	☼	05/28/21 17:40	06/02/21 16:10	1
Benzene	<0.0016		0.0016	0.00040	mg/Kg	☼	05/28/21 17:40	06/02/21 16:10	1
Bromodichloromethane	<0.0016		0.0016	0.00032	mg/Kg	☼	05/28/21 17:40	06/02/21 16:10	1
Bromoform	<0.0016		0.0016	0.00046	mg/Kg	☼	05/28/21 17:40	06/02/21 16:10	1
Bromomethane	<0.0040		0.0040	0.0015	mg/Kg	☼	05/28/21 17:40	06/02/21 16:10	1
Carbon disulfide	<0.0040		0.0040	0.00082	mg/Kg	☼	05/28/21 17:40	06/02/21 16:10	1
Carbon tetrachloride	<0.0016		0.0016	0.00046	mg/Kg	☼	05/28/21 17:40	06/02/21 16:10	1
Chlorobenzene	<0.0016		0.0016	0.00058	mg/Kg	☼	05/28/21 17:40	06/02/21 16:10	1
Chloroethane	<0.0040		0.0040	0.0012	mg/Kg	☼	05/28/21 17:40	06/02/21 16:10	1
Chloroform	<0.0016		0.0016	0.00055	mg/Kg	☼	05/28/21 17:40	06/02/21 16:10	1
Chloromethane	<0.0040		0.0040	0.0016	mg/Kg	☼	05/28/21 17:40	06/02/21 16:10	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00044	mg/Kg	☼	05/28/21 17:40	06/02/21 16:10	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00048	mg/Kg	☼	05/28/21 17:40	06/02/21 16:10	1
Dibromochloromethane	<0.0016		0.0016	0.00052	mg/Kg	☼	05/28/21 17:40	06/02/21 16:10	1
1,1-Dichloroethane	<0.0016		0.0016	0.00054	mg/Kg	☼	05/28/21 17:40	06/02/21 16:10	1
1,2-Dichloroethane	<0.0040		0.0040	0.0012	mg/Kg	☼	05/28/21 17:40	06/02/21 16:10	1
1,1-Dichloroethene	<0.0016		0.0016	0.00054	mg/Kg	☼	05/28/21 17:40	06/02/21 16:10	1
1,2-Dichloropropane	<0.0016		0.0016	0.00041	mg/Kg	☼	05/28/21 17:40	06/02/21 16:10	1
1,3-Dichloropropane, Total	<0.0016		0.0016	0.00056	mg/Kg	☼	05/28/21 17:40	06/02/21 16:10	1
Ethylbenzene	<0.0016		0.0016	0.00076	mg/Kg	☼	05/28/21 17:40	06/02/21 16:10	1
2-Hexanone	<0.0040		0.0040	0.0012	mg/Kg	☼	05/28/21 17:40	06/02/21 16:10	1
Methylene Chloride	<0.0040		0.0040	0.0016	mg/Kg	☼	05/28/21 17:40	06/02/21 16:10	1
Methyl Ethyl Ketone	<0.0040		0.0040	0.0018	mg/Kg	☼	05/28/21 17:40	06/02/21 16:10	1
methyl isobutyl ketone	<0.0040		0.0040	0.0012	mg/Kg	☼	05/28/21 17:40	06/02/21 16:10	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00046	mg/Kg	☼	05/28/21 17:40	06/02/21 16:10	1
Styrene	<0.0016		0.0016	0.00048	mg/Kg	☼	05/28/21 17:40	06/02/21 16:10	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00051	mg/Kg	☼	05/28/21 17:40	06/02/21 16:10	1
Tetrachloroethene	<0.0016		0.0016	0.00054	mg/Kg	☼	05/28/21 17:40	06/02/21 16:10	1
Toluene	<0.0016		0.0016	0.00040	mg/Kg	☼	05/28/21 17:40	06/02/21 16:10	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00070	mg/Kg	☼	05/28/21 17:40	06/02/21 16:10	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00056	mg/Kg	☼	05/28/21 17:40	06/02/21 16:10	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00053	mg/Kg	☼	05/28/21 17:40	06/02/21 16:10	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00068	mg/Kg	☼	05/28/21 17:40	06/02/21 16:10	1
Trichloroethene	<0.0016		0.0016	0.00054	mg/Kg	☼	05/28/21 17:40	06/02/21 16:10	1
Vinyl chloride	<0.0016		0.0016	0.00070	mg/Kg	☼	05/28/21 17:40	06/02/21 16:10	1
Xylenes, Total	<0.0032		0.0032	0.00051	mg/Kg	☼	05/28/21 17:40	06/02/21 16:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		75 - 131	05/28/21 17:40	06/02/21 16:10	1
Dibromofluoromethane	96		75 - 126	05/28/21 17:40	06/02/21 16:10	1
1,2-Dichloroethane-d4 (Surr)	95		70 - 134	05/28/21 17:40	06/02/21 16:10	1
Toluene-d8 (Surr)	94		75 - 124	05/28/21 17:40	06/02/21 16:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	06/03/21 16:19	06/05/21 03:25	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	☼	06/03/21 16:19	06/05/21 03:25	1
1,3-Dichlorobenzene	<0.19		0.19	0.044	mg/Kg	☼	06/03/21 16:19	06/05/21 03:25	1
1,4-Dichlorobenzene	<0.19		0.19	0.050	mg/Kg	☼	06/03/21 16:19	06/05/21 03:25	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.045	mg/Kg	☼	06/03/21 16:19	06/05/21 03:25	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199833-1

Client Sample ID: ROW-10(0-2)-052721

Lab Sample ID: 500-199833-8

Date Collected: 05/27/21 14:20

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 85.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.088	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
2,4-Dichlorophenol	<0.38		0.38	0.092	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
2,4-Dimethylphenol	<0.38		0.38	0.15	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
2,4-Dinitrophenol	<0.78		0.78	0.68	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
2,4-Dinitrotoluene	<0.19		0.19	0.062	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
2,6-Dinitrotoluene	<0.19		0.19	0.076	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
2-Chloronaphthalene	<0.19		0.19	0.043	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
2-Chlorophenol	<0.19		0.19	0.066	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
2-Methylnaphthalene	0.016	J	0.078	0.0071	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
2-Methylphenol	<0.19		0.19	0.062	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
2-Nitroaniline	<0.19		0.19	0.052	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
2-Nitrophenol	<0.38		0.38	0.092	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
3 & 4 Methylphenol	<0.19		0.19	0.065	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.054	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
4,6-Dinitro-2-methylphenol	<0.78		0.78	0.31	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.051	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
4-Chloroaniline	<0.78		0.78	0.18	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
4-Nitrophenol	<0.78		0.78	0.37	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
Acenaphthene	0.0082	J	0.038	0.0070	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
Acenaphthylene	0.075		0.038	0.0051	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
Anthracene	0.047		0.038	0.0065	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
Benzo[a]anthracene	0.25		0.038	0.0052	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
Benzo[a]pyrene	0.37	*3	0.038	0.0075	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
Benzo[b]fluoranthene	0.56	*3	0.038	0.0084	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
Benzo[g,h,i]perylene	0.13	*3	0.038	0.012	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
Benzo[k]fluoranthene	0.21	*3	0.038	0.011	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.040	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.058	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
Bis(2-ethylhexyl) phthalate	0.10	J	0.19	0.071	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
Butyl benzyl phthalate	<0.19		0.19	0.074	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
Carbazole	<0.19		0.19	0.097	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
Chrysene	0.32		0.038	0.011	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
Dibenz(a,h)anthracene	<0.038	*3	0.038	0.0075	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
Diethyl phthalate	<0.19		0.19	0.066	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
Dimethyl phthalate	<0.19		0.19	0.051	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
Di-n-butyl phthalate	<0.19		0.19	0.059	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
Di-n-octyl phthalate	<0.19		0.19	0.063	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
Fluoranthene	0.45		0.038	0.0072	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
Fluorene	<0.038		0.038	0.0054	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
Hexachlorobenzene	<0.078		0.078	0.0090	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
Hexachlorobutadiene	<0.19		0.19	0.061	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
Hexachlorocyclopentadiene	<0.78		0.78	0.22	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1
Hexachloroethane	<0.19		0.19	0.059	mg/Kg	✱	06/03/21 16:19	06/05/21 03:25	1

Client Sample Results

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

Job ID: 500-199833-1

Client Sample ID: ROW-10(0-2)-052721

Lab Sample ID: 500-199833-8

Date Collected: 05/27/21 14:20

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 85.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.11	*3	0.038	0.010	mg/Kg	☼	06/03/21 16:19	06/05/21 03:25	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	06/03/21 16:19	06/05/21 03:25	1
Naphthalene	0.0074	J	0.038	0.0060	mg/Kg	☼	06/03/21 16:19	06/05/21 03:25	1
Nitrobenzene	<0.038		0.038	0.0097	mg/Kg	☼	06/03/21 16:19	06/05/21 03:25	1
N-Nitrosodi-n-propylamine	<0.078		0.078	0.047	mg/Kg	☼	06/03/21 16:19	06/05/21 03:25	1
N-Nitrosodiphenylamine	<0.19		0.19	0.046	mg/Kg	☼	06/03/21 16:19	06/05/21 03:25	1
Pentachlorophenol	<0.78		0.78	0.62	mg/Kg	☼	06/03/21 16:19	06/05/21 03:25	1
Phenanthrene	0.15		0.038	0.0054	mg/Kg	☼	06/03/21 16:19	06/05/21 03:25	1
Phenol	<0.19		0.19	0.086	mg/Kg	☼	06/03/21 16:19	06/05/21 03:25	1
Pyrene	0.65		0.038	0.0077	mg/Kg	☼	06/03/21 16:19	06/05/21 03:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	85		31 - 143				06/03/21 16:19	06/05/21 03:25	1
2-Fluorobiphenyl	89		43 - 145				06/03/21 16:19	06/05/21 03:25	1
2-Fluorophenol	84		31 - 166				06/03/21 16:19	06/05/21 03:25	1
Nitrobenzene-d5	76		37 - 147				06/03/21 16:19	06/05/21 03:25	1
Phenol-d5	90		30 - 153				06/03/21 16:19	06/05/21 03:25	1
Terphenyl-d14	155		42 - 157				06/03/21 16:19	06/05/21 03:25	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:29	06/04/21 14:15	1
Barium	0.56		0.50	0.050	mg/L		06/03/21 18:29	06/04/21 14:15	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:29	06/04/21 14:15	1
Cadmium	0.0025	J	0.0050	0.0020	mg/L		06/03/21 18:29	06/04/21 14:15	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:15	1
Cobalt	0.021	J	0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:15	1
Copper	0.083		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:15	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:29	06/04/21 14:15	1
Lead	0.0098		0.0075	0.0075	mg/L		06/03/21 18:29	06/04/21 14:15	1
Manganese	3.1		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:15	1
Nickel	0.034	B	0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:15	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:29	06/04/21 14:15	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:15	1
Zinc	0.15	J	0.50	0.020	mg/L		06/03/21 18:29	06/04/21 14:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.092		0.050	0.010	mg/L		06/03/21 18:33	06/04/21 13:44	1
Barium	0.59		0.50	0.050	mg/L		06/03/21 18:33	06/04/21 13:44	1
Beryllium	0.0094		0.0040	0.0040	mg/L		06/03/21 18:33	06/04/21 13:44	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:33	06/04/21 13:44	1
Chromium	0.18		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:44	1
Cobalt	0.096		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:44	1
Copper	0.24		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:44	1
Iron	200		0.40	0.20	mg/L		06/03/21 18:33	06/04/21 13:44	1
Lead	0.30		0.0075	0.0075	mg/L		06/03/21 18:33	06/04/21 13:44	1
Manganese	1.4		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:44	1
Nickel	0.25		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:44	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:33	06/04/21 13:44	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199833-1

Client Sample ID: ROW-10(0-2)-052721

Lab Sample ID: 500-199833-8

Date Collected: 05/27/21 14:20

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 85.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:44	1
Zinc	0.71		0.50	0.020	mg/L		06/03/21 18:33	06/04/21 13:44	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.51	J	1.1	0.22	mg/Kg	✧	06/03/21 08:47	06/03/21 19:17	1
Arsenic	6.4		0.56	0.19	mg/Kg	✧	06/03/21 08:47	06/03/21 19:17	1
Barium	40		0.56	0.064	mg/Kg	✧	06/03/21 08:47	06/03/21 19:17	1
Beryllium	0.63		0.22	0.052	mg/Kg	✧	06/03/21 08:47	06/03/21 19:17	1
Cadmium	0.28	B	0.11	0.020	mg/Kg	✧	06/03/21 08:47	06/03/21 19:17	1
Calcium	83000	B	56	9.5	mg/Kg	✧	06/03/21 08:47	06/04/21 14:55	5
Chromium	17		0.56	0.28	mg/Kg	✧	06/03/21 08:47	06/03/21 19:17	1
Cobalt	11		0.28	0.073	mg/Kg	✧	06/03/21 08:47	06/03/21 19:17	1
Copper	25		0.56	0.16	mg/Kg	✧	06/03/21 08:47	06/03/21 19:17	1
Iron	23000		56	29	mg/Kg	✧	06/03/21 08:47	06/04/21 14:55	5
Lead	75		0.28	0.13	mg/Kg	✧	06/03/21 08:47	06/03/21 19:17	1
Magnesium	45000		28	14	mg/Kg	✧	06/03/21 08:47	06/04/21 14:55	5
Manganese	400		0.56	0.081	mg/Kg	✧	06/03/21 08:47	06/03/21 19:17	1
Nickel	26		0.56	0.16	mg/Kg	✧	06/03/21 08:47	06/03/21 19:17	1
Potassium	2000		28	9.9	mg/Kg	✧	06/03/21 08:47	06/03/21 19:17	1
Selenium	<0.56		0.56	0.33	mg/Kg	✧	06/03/21 08:47	06/03/21 19:17	1
Silver	0.42		0.28	0.072	mg/Kg	✧	06/03/21 08:47	06/03/21 19:17	1
Sodium	1400		56	8.3	mg/Kg	✧	06/03/21 08:47	06/03/21 19:17	1
Thallium	<0.56		0.56	0.28	mg/Kg	✧	06/03/21 08:47	06/03/21 19:17	1
Vanadium	20		0.28	0.066	mg/Kg	✧	06/03/21 08:47	06/03/21 19:17	1
Zinc	82		1.1	0.49	mg/Kg	✧	06/03/21 08:47	06/03/21 19:17	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 08:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 08:53	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.021		0.018	0.0059	mg/Kg	✧	06/02/21 12:50	06/03/21 08:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.5		0.2	0.2	SU			06/03/21 15:18	1

Client Sample Results

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

Job ID: 500-199833-1

Client Sample ID: ROW-8(0-2)-052721

Lab Sample ID: 500-199833-9

Date Collected: 05/27/21 14:40

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 80.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0076	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
Benzene	<0.0017		0.0017	0.00044	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
Bromodichloromethane	<0.0017		0.0017	0.00035	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
Bromoform	<0.0017		0.0017	0.00051	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
Bromomethane	<0.0043		0.0043	0.0016	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
Carbon disulfide	<0.0043		0.0043	0.00090	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
Carbon tetrachloride	<0.0017		0.0017	0.00050	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
Chlorobenzene	<0.0017		0.0017	0.00064	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
Chloroethane	<0.0043		0.0043	0.0013	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
Chloroform	<0.0017		0.0017	0.00060	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
Chloromethane	<0.0043		0.0043	0.0017	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00048	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00052	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
Dibromochloromethane	<0.0017		0.0017	0.00057	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
1,1-Dichloroethane	<0.0017		0.0017	0.00059	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
1,2-Dichloroethane	<0.0043		0.0043	0.0014	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
1,1-Dichloroethene	<0.0017		0.0017	0.00060	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
1,2-Dichloropropane	<0.0017		0.0017	0.00045	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00061	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
Ethylbenzene	<0.0017		0.0017	0.00083	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
2-Hexanone	<0.0043		0.0043	0.0014	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
Methylene Chloride	<0.0043		0.0043	0.0017	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
Methyl Ethyl Ketone	<0.0043		0.0043	0.0019	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
methyl isobutyl ketone	<0.0043		0.0043	0.0013	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00051	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
Styrene	<0.0017		0.0017	0.00052	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00055	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
Tetrachloroethene	<0.0017		0.0017	0.00059	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
Toluene	<0.0017		0.0017	0.00044	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00077	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00061	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00058	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00074	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
Trichloroethene	<0.0017		0.0017	0.00059	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
Vinyl chloride	<0.0017		0.0017	0.00077	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1
Xylenes, Total	<0.0035		0.0035	0.00056	mg/Kg	☼	05/28/21 17:40	06/02/21 16:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		75 - 131	05/28/21 17:40	06/02/21 16:35	1
Dibromofluoromethane	95		75 - 126	05/28/21 17:40	06/02/21 16:35	1
1,2-Dichloroethane-d4 (Surr)	93		70 - 134	05/28/21 17:40	06/02/21 16:35	1
Toluene-d8 (Surr)	94		75 - 124	05/28/21 17:40	06/02/21 16:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.21		0.21	0.044	mg/Kg	☼	06/03/21 16:19	06/05/21 03:03	1
1,2-Dichlorobenzene	<0.21		0.21	0.049	mg/Kg	☼	06/03/21 16:19	06/05/21 03:03	1
1,3-Dichlorobenzene	<0.21		0.21	0.046	mg/Kg	☼	06/03/21 16:19	06/05/21 03:03	1
1,4-Dichlorobenzene	<0.21		0.21	0.053	mg/Kg	☼	06/03/21 16:19	06/05/21 03:03	1
2,2'-oxybis[1-chloropropane]	<0.21		0.21	0.048	mg/Kg	☼	06/03/21 16:19	06/05/21 03:03	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199833-1

Client Sample ID: ROW-8(0-2)-052721

Lab Sample ID: 500-199833-9

Date Collected: 05/27/21 14:40

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 80.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.41		0.41	0.094	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
2,4,6-Trichlorophenol	<0.41		0.41	0.14	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
2,4-Dichlorophenol	<0.41		0.41	0.098	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
2,4-Dimethylphenol	<0.41		0.41	0.16	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
2,4-Dinitrophenol	<0.83		0.83	0.72	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
2,4-Dinitrotoluene	<0.21		0.21	0.065	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
2,6-Dinitrotoluene	<0.21		0.21	0.081	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
2-Chloronaphthalene	<0.21		0.21	0.045	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
2-Chlorophenol	<0.21		0.21	0.070	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
2-Methylnaphthalene	<0.083		0.083	0.0076	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
2-Methylphenol	<0.21		0.21	0.066	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
2-Nitroaniline	<0.21		0.21	0.055	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
2-Nitrophenol	<0.41		0.41	0.097	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
3 & 4 Methylphenol	<0.21		0.21	0.069	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
3,3'-Dichlorobenzidine	<0.21		0.21	0.058	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
3-Nitroaniline	<0.41		0.41	0.13	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
4,6-Dinitro-2-methylphenol	<0.83		0.83	0.33	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
4-Bromophenyl phenyl ether	<0.21		0.21	0.054	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
4-Chloro-3-methylphenol	<0.41		0.41	0.14	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
4-Chloroaniline	<0.83		0.83	0.19	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
4-Chlorophenyl phenyl ether	<0.21		0.21	0.048	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
4-Nitroaniline	<0.41		0.41	0.17	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
4-Nitrophenol	<0.83		0.83	0.39	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
Acenaphthene	<0.041		0.041	0.0074	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
Acenaphthylene	0.0065	J	0.041	0.0054	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
Anthracene	<0.041		0.041	0.0069	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
Benzo[a]anthracene	0.035	J	0.041	0.0055	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
Benzo[a]pyrene	0.054		0.041	0.0080	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
Benzo[b]fluoranthene	0.071		0.041	0.0089	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
Benzo[g,h,i]perylene	<0.041		0.041	0.013	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
Benzo[k]fluoranthene	0.037	J	0.041	0.012	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
Bis(2-chloroethoxy)methane	<0.21		0.21	0.042	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
Bis(2-chloroethyl)ether	<0.21		0.21	0.062	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
Bis(2-ethylhexyl) phthalate	<0.21		0.21	0.075	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
Butyl benzyl phthalate	<0.21		0.21	0.078	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
Carbazole	<0.21		0.21	0.10	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
Chrysene	0.039	J	0.041	0.011	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
Dibenz(a,h)anthracene	<0.041		0.041	0.0079	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
Dibenzofuran	<0.21		0.21	0.048	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
Diethyl phthalate	<0.21		0.21	0.070	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
Dimethyl phthalate	<0.21		0.21	0.054	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
Di-n-butyl phthalate	<0.21		0.21	0.063	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
Di-n-octyl phthalate	<0.21		0.21	0.067	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
Fluoranthene	0.037	J	0.041	0.0076	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
Fluorene	<0.041		0.041	0.0058	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
Hexachlorobenzene	<0.083		0.083	0.0095	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
Hexachlorobutadiene	<0.21		0.21	0.065	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
Hexachlorocyclopentadiene	<0.83		0.83	0.24	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1
Hexachloroethane	<0.21		0.21	0.062	mg/Kg	✱	06/03/21 16:19	06/05/21 03:03	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199833-1

Client Sample ID: ROW-8(0-2)-052721

Lab Sample ID: 500-199833-9

Date Collected: 05/27/21 14:40

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 80.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.041		0.041	0.011	mg/Kg	☼	06/03/21 16:19	06/05/21 03:03	1
Isophorone	<0.21		0.21	0.046	mg/Kg	☼	06/03/21 16:19	06/05/21 03:03	1
Naphthalene	<0.041		0.041	0.0063	mg/Kg	☼	06/03/21 16:19	06/05/21 03:03	1
Nitrobenzene	<0.041		0.041	0.010	mg/Kg	☼	06/03/21 16:19	06/05/21 03:03	1
N-Nitrosodi-n-propylamine	<0.083		0.083	0.050	mg/Kg	☼	06/03/21 16:19	06/05/21 03:03	1
N-Nitrosodiphenylamine	<0.21		0.21	0.049	mg/Kg	☼	06/03/21 16:19	06/05/21 03:03	1
Pentachlorophenol	<0.83		0.83	0.66	mg/Kg	☼	06/03/21 16:19	06/05/21 03:03	1
Phenanthrene	0.012	J	0.041	0.0057	mg/Kg	☼	06/03/21 16:19	06/05/21 03:03	1
Phenol	<0.21		0.21	0.091	mg/Kg	☼	06/03/21 16:19	06/05/21 03:03	1
Pyrene	0.048		0.041	0.0082	mg/Kg	☼	06/03/21 16:19	06/05/21 03:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	78		31 - 143				06/03/21 16:19	06/05/21 03:03	1
2-Fluorobiphenyl	76		43 - 145				06/03/21 16:19	06/05/21 03:03	1
2-Fluorophenol	73		31 - 166				06/03/21 16:19	06/05/21 03:03	1
Nitrobenzene-d5	68		37 - 147				06/03/21 16:19	06/05/21 03:03	1
Phenol-d5	81		30 - 153				06/03/21 16:19	06/05/21 03:03	1
Terphenyl-d14	127		42 - 157				06/03/21 16:19	06/05/21 03:03	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:29	06/04/21 14:19	1
Barium	0.56		0.50	0.050	mg/L		06/03/21 18:29	06/04/21 14:19	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:29	06/04/21 14:19	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:29	06/04/21 14:19	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:19	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:19	1
Copper	0.027		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:19	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:29	06/04/21 14:19	1
Lead	0.016		0.0075	0.0075	mg/L		06/03/21 18:29	06/04/21 14:19	1
Manganese	0.94		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:19	1
Nickel	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:19	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:29	06/04/21 14:19	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:19	1
Zinc	0.11	J	0.50	0.020	mg/L		06/03/21 18:29	06/04/21 14:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.036	J	0.050	0.010	mg/L		06/03/21 18:33	06/04/21 13:47	1
Barium	0.54		0.50	0.050	mg/L		06/03/21 18:33	06/04/21 13:47	1
Beryllium	0.0050		0.0040	0.0040	mg/L		06/03/21 18:33	06/04/21 13:47	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:33	06/04/21 13:47	1
Chromium	0.12		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:47	1
Cobalt	0.027		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:47	1
Copper	0.12		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:47	1
Iron	100		0.40	0.20	mg/L		06/03/21 18:33	06/04/21 13:47	1
Lead	0.23		0.0075	0.0075	mg/L		06/03/21 18:33	06/04/21 13:47	1
Manganese	0.78		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:47	1
Nickel	0.10		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:47	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:33	06/04/21 13:47	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199833-1

Client Sample ID: ROW-8(0-2)-052721

Lab Sample ID: 500-199833-9

Date Collected: 05/27/21 14:40

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 80.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:47	1
Zinc	0.47	J	0.50	0.020	mg/L		06/03/21 18:33	06/04/21 13:47	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.76	J	1.2	0.23	mg/Kg	☆	06/03/21 08:47	06/03/21 19:20	1
Arsenic	7.3		0.60	0.20	mg/Kg	☆	06/03/21 08:47	06/03/21 19:20	1
Barium	83		0.60	0.068	mg/Kg	☆	06/03/21 08:47	06/03/21 19:20	1
Beryllium	0.75		0.24	0.056	mg/Kg	☆	06/03/21 08:47	06/03/21 19:20	1
Cadmium	0.26	B	0.12	0.021	mg/Kg	☆	06/03/21 08:47	06/03/21 19:20	1
Calcium	32000	B	12	2.0	mg/Kg	☆	06/03/21 08:47	06/03/21 19:20	1
Chromium	18		0.60	0.30	mg/Kg	☆	06/03/21 08:47	06/03/21 19:20	1
Cobalt	12		0.30	0.078	mg/Kg	☆	06/03/21 08:47	06/03/21 19:20	1
Copper	23		0.60	0.17	mg/Kg	☆	06/03/21 08:47	06/03/21 19:20	1
Iron	16000		12	6.2	mg/Kg	☆	06/03/21 08:47	06/03/21 19:20	1
Lead	55		0.30	0.14	mg/Kg	☆	06/03/21 08:47	06/03/21 19:20	1
Magnesium	21000		6.0	3.0	mg/Kg	☆	06/03/21 08:47	06/03/21 19:20	1
Manganese	480		0.60	0.086	mg/Kg	☆	06/03/21 08:47	06/03/21 19:20	1
Nickel	20		0.60	0.17	mg/Kg	☆	06/03/21 08:47	06/03/21 19:20	1
Potassium	1300		30	11	mg/Kg	☆	06/03/21 08:47	06/03/21 19:20	1
Selenium	0.39	J	0.60	0.35	mg/Kg	☆	06/03/21 08:47	06/03/21 19:20	1
Silver	0.42		0.30	0.077	mg/Kg	☆	06/03/21 08:47	06/03/21 19:20	1
Sodium	2200		60	8.8	mg/Kg	☆	06/03/21 08:47	06/03/21 19:20	1
Thallium	<0.60		0.60	0.30	mg/Kg	☆	06/03/21 08:47	06/03/21 19:20	1
Vanadium	28		0.30	0.070	mg/Kg	☆	06/03/21 08:47	06/03/21 19:20	1
Zinc	67		1.2	0.52	mg/Kg	☆	06/03/21 08:47	06/03/21 19:20	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 08:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 08:59	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.027		0.020	0.0065	mg/Kg	☆	06/02/21 12:50	06/03/21 08:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.6		0.2	0.2	SU			06/03/21 15:18	1

Client Sample Results

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

Job ID: 500-199833-1

Client Sample ID: ROW-4(0-2)-052721

Lab Sample ID: 500-199833-11

Date Collected: 05/27/21 15:05

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 92.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0071	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
Benzene	<0.0016		0.0016	0.00042	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
Bromodichloromethane	<0.0016		0.0016	0.00033	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
Bromoform	<0.0016		0.0016	0.00048	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
Bromomethane	<0.0041		0.0041	0.0015	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
Carbon disulfide	<0.0041		0.0041	0.00085	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
Carbon tetrachloride	<0.0016		0.0016	0.00047	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
Chlorobenzene	<0.0016		0.0016	0.00060	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
Chloroethane	<0.0041		0.0041	0.0012	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
Chloroform	<0.0016		0.0016	0.00057	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
Chloromethane	<0.0041		0.0041	0.0016	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00046	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00049	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
Dibromochloromethane	<0.0016		0.0016	0.00053	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
1,1-Dichloroethane	<0.0016		0.0016	0.00056	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
1,2-Dichloroethane	<0.0041		0.0041	0.0013	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
1,1-Dichloroethene	<0.0016		0.0016	0.00056	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
1,2-Dichloropropane	<0.0016		0.0016	0.00042	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00057	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
Ethylbenzene	<0.0016		0.0016	0.00078	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
2-Hexanone	<0.0041		0.0041	0.0013	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
Methylene Chloride	<0.0041		0.0041	0.0016	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
Methyl Ethyl Ketone	<0.0041		0.0041	0.0018	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
methyl isobutyl ketone	<0.0041		0.0041	0.0012	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00048	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
Styrene	<0.0016		0.0016	0.00049	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00052	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
Tetrachloroethene	<0.0016		0.0016	0.00056	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
Toluene	<0.0016		0.0016	0.00041	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00072	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00057	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00055	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00070	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
Trichloroethene	<0.0016		0.0016	0.00055	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
Vinyl chloride	<0.0016		0.0016	0.00072	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1
Xylenes, Total	<0.0033		0.0033	0.00052	mg/Kg	☼	05/28/21 17:40	06/02/21 17:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		75 - 131	05/28/21 17:40	06/02/21 17:26	1
Dibromofluoromethane	96		75 - 126	05/28/21 17:40	06/02/21 17:26	1
1,2-Dichloroethane-d4 (Surr)	91		70 - 134	05/28/21 17:40	06/02/21 17:26	1
Toluene-d8 (Surr)	98		75 - 124	05/28/21 17:40	06/02/21 17:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.039	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
1,2-Dichlorobenzene	<0.18		0.18	0.043	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
1,3-Dichlorobenzene	<0.18		0.18	0.040	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
1,4-Dichlorobenzene	<0.18		0.18	0.046	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.042	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199833-1

Client Sample ID: ROW-4(0-2)-052721

Lab Sample ID: 500-199833-11

Date Collected: 05/27/21 15:05

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 92.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.36		0.36	0.082	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
2,4,6-Trichlorophenol	<0.36		0.36	0.12	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
2,4-Dichlorophenol	<0.36		0.36	0.085	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
2,4-Dimethylphenol	<0.36		0.36	0.14	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
2,4-Dinitrophenol	<0.72		0.72	0.63	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
2,4-Dinitrotoluene	<0.18		0.18	0.057	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
2,6-Dinitrotoluene	<0.18		0.18	0.071	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
2-Chloronaphthalene	<0.18		0.18	0.040	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
2-Chlorophenol	<0.18		0.18	0.061	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
2-Methylnaphthalene	<0.072		0.072	0.0066	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
2-Methylphenol	<0.18		0.18	0.058	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
2-Nitroaniline	<0.18		0.18	0.048	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
2-Nitrophenol	<0.36		0.36	0.085	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
3 & 4 Methylphenol	<0.18		0.18	0.060	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
3,3'-Dichlorobenzidine	<0.18	*3	0.18	0.050	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
3-Nitroaniline	<0.36		0.36	0.11	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
4,6-Dinitro-2-methylphenol	<0.72		0.72	0.29	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.047	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
4-Chloro-3-methylphenol	<0.36		0.36	0.12	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
4-Chloroaniline	<0.72		0.72	0.17	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.042	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
4-Nitroaniline	<0.36		0.36	0.15	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
4-Nitrophenol	<0.72		0.72	0.34	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Acenaphthene	<0.036		0.036	0.0064	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Acenaphthylene	0.010	J	0.036	0.0047	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Anthracene	0.012	J	0.036	0.0060	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Benzo[a]anthracene	0.079	*3	0.036	0.0048	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Benzo[a]pyrene	0.11	*3	0.036	0.0069	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Benzo[b]fluoranthene	0.18	*3	0.036	0.0077	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Benzo[g,h,i]perylene	<0.036	*3	0.036	0.012	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Benzo[k]fluoranthene	0.066	*3	0.036	0.011	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.037	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.054	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Bis(2-ethylhexyl) phthalate	0.074	J *3	0.18	0.066	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Butyl benzyl phthalate	<0.18	*3	0.18	0.068	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Carbazole	<0.18		0.18	0.090	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Chrysene	0.11	*3	0.036	0.0098	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Dibenz(a,h)anthracene	<0.036	*3	0.036	0.0069	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Dibenzofuran	<0.18		0.18	0.042	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Diethyl phthalate	<0.18		0.18	0.061	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Dimethyl phthalate	<0.18		0.18	0.047	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Di-n-butyl phthalate	<0.18		0.18	0.055	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Di-n-octyl phthalate	<0.18		0.18	0.059	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Fluoranthene	0.13		0.036	0.0067	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Fluorene	<0.036		0.036	0.0050	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Hexachlorobenzene	<0.072		0.072	0.0083	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Hexachlorobutadiene	<0.18		0.18	0.056	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Hexachlorocyclopentadiene	<0.72		0.72	0.21	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Hexachloroethane	<0.18		0.18	0.055	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199833-1

Client Sample ID: ROW-4(0-2)-052721

Lab Sample ID: 500-199833-11

Date Collected: 05/27/21 15:05

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 92.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.052	*3	0.036	0.0093	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Isophorone	<0.18		0.18	0.040	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Naphthalene	<0.036		0.036	0.0055	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Nitrobenzene	<0.036		0.036	0.0090	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
N-Nitrosodi-n-propylamine	<0.072		0.072	0.044	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
N-Nitrosodiphenylamine	<0.18		0.18	0.042	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Pentachlorophenol	<0.72		0.72	0.58	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Phenanthrene	0.054		0.036	0.0050	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Phenol	<0.18		0.18	0.080	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Pyrene	0.24	*3	0.036	0.0071	mg/Kg	☼	06/03/21 16:19	06/05/21 04:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	87		31 - 143				06/03/21 16:19	06/05/21 04:08	1
2-Fluorobiphenyl	91		43 - 145				06/03/21 16:19	06/05/21 04:08	1
2-Fluorophenol	81		31 - 166				06/03/21 16:19	06/05/21 04:08	1
Nitrobenzene-d5	76		37 - 147				06/03/21 16:19	06/05/21 04:08	1
Phenol-d5	83		30 - 153				06/03/21 16:19	06/05/21 04:08	1
Terphenyl-d14	201	*3 S1+	42 - 157				06/03/21 16:19	06/05/21 04:08	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:29	06/04/21 14:37	1
Barium	0.42	J	0.50	0.050	mg/L		06/03/21 18:29	06/04/21 14:37	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:29	06/04/21 14:37	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:29	06/04/21 14:37	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:37	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:37	1
Copper	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:37	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:29	06/04/21 14:37	1
Lead	0.0084		0.0075	0.0075	mg/L		06/03/21 18:29	06/04/21 14:37	1
Manganese	1.3		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:37	1
Nickel	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:37	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:29	06/04/21 14:37	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:37	1
Zinc	0.072	J	0.50	0.020	mg/L		06/03/21 18:29	06/04/21 14:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.050		0.050	0.010	mg/L		06/03/21 18:33	06/04/21 13:54	1
Barium	0.44	J	0.50	0.050	mg/L		06/03/21 18:33	06/04/21 13:54	1
Beryllium	0.0063		0.0040	0.0040	mg/L		06/03/21 18:33	06/04/21 13:54	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:33	06/04/21 13:54	1
Chromium	0.13		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:54	1
Cobalt	0.033		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:54	1
Copper	0.13		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:54	1
Iron	130		0.40	0.20	mg/L		06/03/21 18:33	06/04/21 13:54	1
Lead	0.25		0.0075	0.0075	mg/L		06/03/21 18:33	06/04/21 13:54	1
Manganese	0.62		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:54	1
Nickel	0.12		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:54	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:33	06/04/21 13:54	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199833-1

Client Sample ID: ROW-4(0-2)-052721

Lab Sample ID: 500-199833-11

Date Collected: 05/27/21 15:05

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 92.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 13:54	1
Zinc	0.48	J	0.50	0.020	mg/L		06/03/21 18:33	06/04/21 13:54	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.49	J	0.99	0.19	mg/Kg	☆	06/03/21 08:47	06/03/21 19:27	1
Arsenic	2.6		0.49	0.17	mg/Kg	☆	06/03/21 08:47	06/03/21 19:27	1
Barium	28		0.49	0.056	mg/Kg	☆	06/03/21 08:47	06/03/21 19:27	1
Beryllium	0.41		0.20	0.046	mg/Kg	☆	06/03/21 08:47	06/03/21 19:27	1
Cadmium	0.25	B	0.099	0.018	mg/Kg	☆	06/03/21 08:47	06/03/21 19:27	1
Calcium	150000	B	99	17	mg/Kg	☆	06/03/21 08:47	06/08/21 11:30	10
Chromium	8.9		0.49	0.24	mg/Kg	☆	06/03/21 08:47	06/03/21 19:27	1
Cobalt	3.5		0.25	0.065	mg/Kg	☆	06/03/21 08:47	06/03/21 19:27	1
Copper	11		0.49	0.14	mg/Kg	☆	06/03/21 08:47	06/03/21 19:27	1
Iron	9100		49	26	mg/Kg	☆	06/03/21 08:47	06/04/21 15:01	5
Lead	33		0.25	0.11	mg/Kg	☆	06/03/21 08:47	06/03/21 19:27	1
Magnesium	91000		25	12	mg/Kg	☆	06/03/21 08:47	06/04/21 15:01	5
Manganese	350		0.49	0.072	mg/Kg	☆	06/03/21 08:47	06/03/21 19:27	1
Nickel	8.8		0.49	0.14	mg/Kg	☆	06/03/21 08:47	06/03/21 19:27	1
Potassium	1000		25	8.7	mg/Kg	☆	06/03/21 08:47	06/03/21 19:27	1
Selenium	<0.49		0.49	0.29	mg/Kg	☆	06/03/21 08:47	06/03/21 19:27	1
Silver	0.19	J	0.25	0.064	mg/Kg	☆	06/03/21 08:47	06/03/21 19:27	1
Sodium	520		49	7.3	mg/Kg	☆	06/03/21 08:47	06/03/21 19:27	1
Thallium	<0.49		0.49	0.25	mg/Kg	☆	06/03/21 08:47	06/03/21 19:27	1
Vanadium	11		0.25	0.058	mg/Kg	☆	06/03/21 08:47	06/03/21 19:27	1
Zinc	46		0.99	0.43	mg/Kg	☆	06/03/21 08:47	06/03/21 19:27	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 08:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 09:04	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.024		0.016	0.0054	mg/Kg	☆	06/02/21 12:50	06/03/21 08:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.8		0.2	0.2	SU			06/03/21 15:18	1

Client Sample Results

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

Job ID: 500-199833-1

Client Sample ID: ROW-2(0-2)-052721

Lab Sample ID: 500-199833-12

Date Collected: 05/27/21 15:15

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 83.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015		0.015	0.0067	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
Benzene	<0.0015		0.0015	0.00039	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
Bromodichloromethane	<0.0015		0.0015	0.00031	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
Bromoform	<0.0015		0.0015	0.00045	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
Bromomethane	<0.0038		0.0038	0.0015	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
Carbon disulfide	<0.0038		0.0038	0.00080	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
Carbon tetrachloride	<0.0015		0.0015	0.00045	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
Chlorobenzene	<0.0015		0.0015	0.00057	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
Chloroethane	<0.0038		0.0038	0.0011	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
Chloroform	<0.0015		0.0015	0.00053	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
Chloromethane	<0.0038		0.0038	0.0015	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00043	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00046	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
Dibromochloromethane	<0.0015		0.0015	0.00050	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
1,1-Dichloroethane	<0.0015		0.0015	0.00053	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
1,2-Dichloroethane	<0.0038		0.0038	0.0012	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
1,1-Dichloroethene	<0.0015		0.0015	0.00053	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
1,2-Dichloropropane	<0.0015		0.0015	0.00040	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
1,3-Dichloropropene, Total	<0.0015		0.0015	0.00054	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
Ethylbenzene	<0.0015		0.0015	0.00074	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
2-Hexanone	<0.0038		0.0038	0.0012	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
Methylene Chloride	<0.0038		0.0038	0.0015	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
Methyl Ethyl Ketone	<0.0038		0.0038	0.0017	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
methyl isobutyl ketone	<0.0038		0.0038	0.0011	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00045	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
Styrene	<0.0015		0.0015	0.00046	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00049	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
Tetrachloroethene	<0.0015		0.0015	0.00052	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
Toluene	<0.0015		0.0015	0.00039	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00068	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00054	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00052	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00066	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
Trichloroethene	<0.0015		0.0015	0.00052	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
Vinyl chloride	<0.0015		0.0015	0.00068	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1
Xylenes, Total	<0.0031		0.0031	0.00049	mg/Kg	☼	05/28/21 17:40	06/02/21 17:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		75 - 131	05/28/21 17:40	06/02/21 17:52	1
Dibromofluoromethane	93		75 - 126	05/28/21 17:40	06/02/21 17:52	1
1,2-Dichloroethane-d4 (Surr)	86		70 - 134	05/28/21 17:40	06/02/21 17:52	1
Toluene-d8 (Surr)	96		75 - 124	05/28/21 17:40	06/02/21 17:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.043	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
1,4-Dichlorobenzene	<0.20		0.20	0.051	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199833-1

Client Sample ID: ROW-2(0-2)-052721

Lab Sample ID: 500-199833-12

Date Collected: 05/27/21 15:15

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 83.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.090	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
2,4,6-Trichlorophenol	<0.39		0.39	0.14	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
2,4-Dichlorophenol	<0.39		0.39	0.094	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
2,4-Dinitrophenol	<0.80		0.80	0.70	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
2,4-Dinitrotoluene	<0.20		0.20	0.063	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
2,6-Dinitrotoluene	<0.20		0.20	0.078	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
2-Chlorophenol	<0.20		0.20	0.067	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
2-Methylnaphthalene	<0.080		0.080	0.0073	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
2-Nitrophenol	<0.39		0.39	0.093	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
3 & 4 Methylphenol	<0.20		0.20	0.066	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
4,6-Dinitro-2-methylphenol	<0.80		0.80	0.32	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
4-Chloroaniline	<0.80		0.80	0.19	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
4-Nitroaniline	<0.39		0.39	0.17	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
4-Nitrophenol	<0.80		0.80	0.38	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Acenaphthene	<0.039		0.039	0.0071	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Acenaphthylene	0.014	J	0.039	0.0052	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Anthracene	0.018	J	0.039	0.0066	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Benzo[a]anthracene	0.11		0.039	0.0053	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Benzo[a]pyrene	0.15	*3	0.039	0.0076	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Benzo[b]fluoranthene	0.24	*3	0.039	0.0085	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Benzo[g,h,i]perylene	0.050	*3	0.039	0.013	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Benzo[k]fluoranthene	0.073	*3	0.039	0.012	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Butyl benzyl phthalate	<0.20		0.20	0.075	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Carbazole	<0.20		0.20	0.099	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Chrysene	0.13		0.039	0.011	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Dibenz(a,h)anthracene	<0.039	*3	0.039	0.0076	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Diethyl phthalate	<0.20		0.20	0.067	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Dimethyl phthalate	<0.20		0.20	0.052	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Fluoranthene	0.16		0.039	0.0073	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Fluorene	<0.039		0.039	0.0056	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Hexachlorobenzene	<0.080		0.080	0.0092	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Hexachlorocyclopentadiene	<0.80		0.80	0.23	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Hexachloroethane	<0.20		0.20	0.060	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199833-1

Client Sample ID: ROW-2(0-2)-052721

Lab Sample ID: 500-199833-12

Date Collected: 05/27/21 15:15

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 83.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.048	*3	0.039	0.010	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Naphthalene	<0.039		0.039	0.0061	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Nitrobenzene	<0.039		0.039	0.0099	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
N-Nitrosodi-n-propylamine	<0.080		0.080	0.048	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
N-Nitrosodiphenylamine	<0.20		0.20	0.047	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Pentachlorophenol	<0.80		0.80	0.63	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Phenanthrene	0.053		0.039	0.0055	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Phenol	<0.20		0.20	0.088	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Pyrene	0.24		0.039	0.0078	mg/Kg	☼	06/03/21 16:19	06/05/21 03:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	90		31 - 143				06/03/21 16:19	06/05/21 03:46	1
2-Fluorobiphenyl	88		43 - 145				06/03/21 16:19	06/05/21 03:46	1
2-Fluorophenol	87		31 - 166				06/03/21 16:19	06/05/21 03:46	1
Nitrobenzene-d5	75		37 - 147				06/03/21 16:19	06/05/21 03:46	1
Phenol-d5	89		30 - 153				06/03/21 16:19	06/05/21 03:46	1
Terphenyl-d14	186	S1+	42 - 157				06/03/21 16:19	06/05/21 03:46	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:29	06/04/21 14:41	1
Barium	0.59		0.50	0.050	mg/L		06/03/21 18:29	06/04/21 14:41	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:29	06/04/21 14:41	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:29	06/04/21 14:41	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:41	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:41	1
Copper	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:41	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:29	06/04/21 14:41	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/21 18:29	06/04/21 14:41	1
Manganese	1.3		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:41	1
Nickel	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:41	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:29	06/04/21 14:41	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:41	1
Zinc	0.040	J	0.50	0.020	mg/L		06/03/21 18:29	06/04/21 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.073		0.050	0.010	mg/L		06/03/21 18:33	06/04/21 14:04	1
Barium	0.97		0.50	0.050	mg/L		06/03/21 18:33	06/04/21 14:04	1
Beryllium	0.0095		0.0040	0.0040	mg/L		06/03/21 18:33	06/04/21 14:04	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:33	06/04/21 14:04	1
Chromium	0.21		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 14:04	1
Cobalt	0.055		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 14:04	1
Copper	0.19		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 14:04	1
Iron	210		0.40	0.20	mg/L		06/03/21 18:33	06/04/21 14:04	1
Lead	0.28		0.0075	0.0075	mg/L		06/03/21 18:33	06/04/21 14:04	1
Manganese	1.1		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 14:04	1
Nickel	0.20		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 14:04	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:33	06/04/21 14:04	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199833-1

Client Sample ID: ROW-2(0-2)-052721

Lab Sample ID: 500-199833-12

Date Collected: 05/27/21 15:15

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 83.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 14:04	1
Zinc	0.79		0.50	0.020	mg/L		06/03/21 18:33	06/04/21 14:04	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.67	J	1.1	0.21	mg/Kg	✧	06/03/21 08:47	06/03/21 19:30	1
Arsenic	5.6		0.55	0.19	mg/Kg	✧	06/03/21 08:47	06/03/21 19:30	1
Barium	64		0.55	0.063	mg/Kg	✧	06/03/21 08:47	06/03/21 19:30	1
Beryllium	0.66		0.22	0.051	mg/Kg	✧	06/03/21 08:47	06/03/21 19:30	1
Cadmium	0.39	B	0.11	0.020	mg/Kg	✧	06/03/21 08:47	06/03/21 19:30	1
Calcium	69000	B	55	9.3	mg/Kg	✧	06/03/21 08:47	06/04/21 15:04	5
Chromium	16		0.55	0.27	mg/Kg	✧	06/03/21 08:47	06/03/21 19:30	1
Cobalt	8.1		0.28	0.072	mg/Kg	✧	06/03/21 08:47	06/03/21 19:30	1
Copper	17		0.55	0.15	mg/Kg	✧	06/03/21 08:47	06/03/21 19:30	1
Iron	14000		11	5.7	mg/Kg	✧	06/03/21 08:47	06/03/21 19:30	1
Lead	78		0.28	0.13	mg/Kg	✧	06/03/21 08:47	06/03/21 19:30	1
Magnesium	31000		5.5	2.7	mg/Kg	✧	06/03/21 08:47	06/03/21 19:30	1
Manganese	460		0.55	0.080	mg/Kg	✧	06/03/21 08:47	06/03/21 19:30	1
Nickel	18		0.55	0.16	mg/Kg	✧	06/03/21 08:47	06/03/21 19:30	1
Potassium	1200		28	9.7	mg/Kg	✧	06/03/21 08:47	06/03/21 19:30	1
Selenium	<0.55		0.55	0.32	mg/Kg	✧	06/03/21 08:47	06/03/21 19:30	1
Silver	0.37		0.28	0.071	mg/Kg	✧	06/03/21 08:47	06/03/21 19:30	1
Sodium	1800		55	8.1	mg/Kg	✧	06/03/21 08:47	06/03/21 19:30	1
Thallium	<0.55		0.55	0.27	mg/Kg	✧	06/03/21 08:47	06/03/21 19:30	1
Vanadium	22		0.28	0.065	mg/Kg	✧	06/03/21 08:47	06/03/21 19:30	1
Zinc	92		1.1	0.48	mg/Kg	✧	06/03/21 08:47	06/03/21 19:30	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 08:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 09:06	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.029		0.018	0.0061	mg/Kg	✧	06/02/21 12:50	06/03/21 08:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.8		0.2	0.2	SU			06/03/21 15:18	1

Client Sample Results

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

Job ID: 500-199833-1

Client Sample ID: ROW-2(0-2)-052721D

Lab Sample ID: 500-199833-13

Date Collected: 05/27/21 15:15

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 84.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.019		0.019	0.0085	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
Benzene	<0.0019		0.0019	0.00050	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
Bromodichloromethane	<0.0019		0.0019	0.00040	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
Bromoform	<0.0019		0.0019	0.00057	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
Bromomethane	<0.0049		0.0049	0.0018	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
Carbon disulfide	<0.0049		0.0049	0.0010	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
Carbon tetrachloride	<0.0019		0.0019	0.00056	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
Chlorobenzene	<0.0019		0.0019	0.00072	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
Chloroethane	<0.0049		0.0049	0.0014	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
Chloroform	<0.0019		0.0019	0.00068	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
Chloromethane	<0.0049		0.0049	0.0020	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00054	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00059	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
Dibromochloromethane	<0.0019		0.0019	0.00064	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
1,1-Dichloroethane	<0.0019		0.0019	0.00067	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
1,2-Dichloroethane	<0.0049		0.0049	0.0015	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
1,1-Dichloroethene	<0.0019		0.0019	0.00067	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
1,2-Dichloropropane	<0.0019		0.0019	0.00050	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00068	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
Ethylbenzene	<0.0019		0.0019	0.00093	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
2-Hexanone	<0.0049		0.0049	0.0015	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
Methylene Chloride	<0.0049		0.0049	0.0019	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
Methyl Ethyl Ketone	<0.0049		0.0049	0.0022	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
methyl isobutyl ketone	<0.0049		0.0049	0.0014	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00057	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
Styrene	<0.0019		0.0019	0.00059	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00062	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
Tetrachloroethene	<0.0019		0.0019	0.00066	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
Toluene	<0.0019		0.0019	0.00049	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00086	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00068	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00065	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00083	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
Trichloroethene	<0.0019		0.0019	0.00066	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
Vinyl chloride	<0.0019		0.0019	0.00086	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1
Xylenes, Total	<0.0039		0.0039	0.00062	mg/Kg	☼	05/28/21 17:40	06/02/21 18:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		75 - 131	05/28/21 17:40	06/02/21 18:17	1
Dibromofluoromethane	96		75 - 126	05/28/21 17:40	06/02/21 18:17	1
1,2-Dichloroethane-d4 (Surr)	88		70 - 134	05/28/21 17:40	06/02/21 18:17	1
Toluene-d8 (Surr)	96		75 - 124	05/28/21 17:40	06/02/21 18:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.042	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
1,4-Dichlorobenzene	<0.20		0.20	0.050	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.045	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199833-1

Client Sample ID: ROW-2(0-2)-052721D

Lab Sample ID: 500-199833-13

Date Collected: 05/27/21 15:15

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 84.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.089	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
2,4,6-Trichlorophenol	<0.39		0.39	0.13	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
2,4-Dichlorophenol	<0.39		0.39	0.093	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
2,4-Dinitrophenol	<0.79		0.79	0.69	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
2,4-Dinitrotoluene	<0.20		0.20	0.062	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
2,6-Dinitrotoluene	<0.20		0.20	0.077	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
2-Chloronaphthalene	<0.20		0.20	0.043	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
2-Chlorophenol	<0.20		0.20	0.067	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
2-Methylnaphthalene	<0.079		0.079	0.0072	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
2-Nitrophenol	<0.39		0.39	0.092	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
3 & 4 Methylphenol	<0.20		0.20	0.065	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.31	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
4-Chloroaniline	<0.79		0.79	0.18	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
4-Nitroaniline	<0.39		0.39	0.16	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
4-Nitrophenol	<0.79		0.79	0.37	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Acenaphthene	<0.039		0.039	0.0070	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Acenaphthylene	0.0092	J	0.039	0.0052	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Anthracene	0.035	J	0.039	0.0065	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Benzo[a]anthracene	0.12		0.039	0.0053	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Benzo[a]pyrene	0.15		0.039	0.0076	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Benzo[b]fluoranthene	0.21		0.039	0.0084	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Benzo[g,h,i]perylene	0.050		0.039	0.013	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Benzo[k]fluoranthene	0.079		0.039	0.012	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.071	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Butyl benzyl phthalate	<0.20		0.20	0.074	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Carbazole	<0.20		0.20	0.098	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Chrysene	0.13		0.039	0.011	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Dibenz(a,h)anthracene	<0.039		0.039	0.0075	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Diethyl phthalate	<0.20		0.20	0.066	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Dimethyl phthalate	<0.20		0.20	0.051	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Fluoranthene	0.24		0.039	0.0072	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Fluorene	0.012	J	0.039	0.0055	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Hexachlorobenzene	<0.079		0.079	0.0091	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Hexachlorobutadiene	<0.20		0.20	0.061	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Hexachlorocyclopentadiene	<0.79		0.79	0.22	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Hexachloroethane	<0.20		0.20	0.059	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1

Euofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199833-1

Client Sample ID: ROW-2(0-2)-052721D

Lab Sample ID: 500-199833-13

Date Collected: 05/27/21 15:15

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 84.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.039		0.039	0.010	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Naphthalene	<0.039		0.039	0.0060	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Nitrobenzene	<0.039		0.039	0.0097	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.048	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
N-Nitrosodiphenylamine	<0.20		0.20	0.046	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Pentachlorophenol	<0.79		0.79	0.63	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Phenanthrene	0.14		0.039	0.0054	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Phenol	<0.20		0.20	0.087	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1
Pyrene	0.25		0.039	0.0078	mg/Kg	☼	06/03/21 16:19	06/05/21 02:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	90		31 - 143	06/03/21 16:19	06/05/21 02:42	1
2-Fluorobiphenyl	89		43 - 145	06/03/21 16:19	06/05/21 02:42	1
2-Fluorophenol	83		31 - 166	06/03/21 16:19	06/05/21 02:42	1
Nitrobenzene-d5	78		37 - 147	06/03/21 16:19	06/05/21 02:42	1
Phenol-d5	91		30 - 153	06/03/21 16:19	06/05/21 02:42	1
Terphenyl-d14	131		42 - 157	06/03/21 16:19	06/05/21 02:42	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/03/21 18:29	06/04/21 14:45	1
Barium	0.59		0.50	0.050	mg/L		06/03/21 18:29	06/04/21 14:45	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/03/21 18:29	06/04/21 14:45	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:29	06/04/21 14:45	1
Chromium	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:45	1
Cobalt	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:45	1
Copper	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:45	1
Iron	<0.40		0.40	0.20	mg/L		06/03/21 18:29	06/04/21 14:45	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/03/21 18:29	06/04/21 14:45	1
Manganese	1.2		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:45	1
Nickel	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:45	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:29	06/04/21 14:45	1
Silver	<0.025		0.025	0.010	mg/L		06/03/21 18:29	06/04/21 14:45	1
Zinc	0.033 J		0.50	0.020	mg/L		06/03/21 18:29	06/04/21 14:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.062		0.050	0.010	mg/L		06/03/21 18:33	06/04/21 14:07	1
Barium	0.84 F1		0.50	0.050	mg/L		06/03/21 18:33	06/04/21 14:07	1
Beryllium	0.0083		0.0040	0.0040	mg/L		06/03/21 18:33	06/04/21 14:07	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/03/21 18:33	06/04/21 14:07	1
Chromium	0.18		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 14:07	1
Cobalt	0.048		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 14:07	1
Copper	0.17		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 14:07	1
Iron	180		0.40	0.20	mg/L		06/03/21 18:33	06/04/21 14:07	1
Lead	0.27 F1		0.0075	0.0075	mg/L		06/03/21 18:33	06/04/21 14:07	1
Manganese	0.96 F1		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 14:07	1
Nickel	0.17		0.025	0.010	mg/L		06/03/21 18:33	06/04/21 14:07	1
Selenium	<0.050		0.050	0.020	mg/L		06/03/21 18:33	06/04/21 14:07	1

Euofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199833-1

Client Sample ID: ROW-2(0-2)-052721D

Lab Sample ID: 500-199833-13

Date Collected: 05/27/21 15:15

Matrix: Solid

Date Received: 05/27/21 16:55

Percent Solids: 84.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025	F1	0.025	0.010	mg/L		06/03/21 18:33	06/04/21 14:07	1
Zinc	0.69	F1	0.50	0.020	mg/L		06/03/21 18:33	06/04/21 14:07	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.47	J	1.2	0.23	mg/Kg	☆	06/03/21 08:47	06/03/21 19:34	1
Arsenic	5.5		0.58	0.20	mg/Kg	☆	06/03/21 08:47	06/03/21 19:34	1
Barium	63		0.58	0.066	mg/Kg	☆	06/03/21 08:47	06/03/21 19:34	1
Beryllium	0.61		0.23	0.054	mg/Kg	☆	06/03/21 08:47	06/03/21 19:34	1
Cadmium	0.37	B	0.12	0.021	mg/Kg	☆	06/03/21 08:47	06/03/21 19:34	1
Calcium	71000	B	58	9.9	mg/Kg	☆	06/03/21 08:47	06/04/21 15:08	5
Chromium	14		0.58	0.29	mg/Kg	☆	06/03/21 08:47	06/03/21 19:34	1
Cobalt	7.7		0.29	0.076	mg/Kg	☆	06/03/21 08:47	06/03/21 19:34	1
Copper	15		0.58	0.16	mg/Kg	☆	06/03/21 08:47	06/03/21 19:34	1
Iron	13000		12	6.1	mg/Kg	☆	06/03/21 08:47	06/03/21 19:34	1
Lead	93		0.29	0.13	mg/Kg	☆	06/03/21 08:47	06/03/21 19:34	1
Magnesium	34000		5.8	2.9	mg/Kg	☆	06/03/21 08:47	06/03/21 19:34	1
Manganese	390		0.58	0.085	mg/Kg	☆	06/03/21 08:47	06/03/21 19:34	1
Nickel	16		0.58	0.17	mg/Kg	☆	06/03/21 08:47	06/03/21 19:34	1
Potassium	1300		29	10	mg/Kg	☆	06/03/21 08:47	06/03/21 19:34	1
Selenium	<0.58		0.58	0.34	mg/Kg	☆	06/03/21 08:47	06/03/21 19:34	1
Silver	0.38		0.29	0.075	mg/Kg	☆	06/03/21 08:47	06/03/21 19:34	1
Sodium	1500		58	8.6	mg/Kg	☆	06/03/21 08:47	06/03/21 19:34	1
Thallium	<0.58		0.58	0.29	mg/Kg	☆	06/03/21 08:47	06/03/21 19:34	1
Vanadium	21		0.29	0.069	mg/Kg	☆	06/03/21 08:47	06/03/21 19:34	1
Zinc	84		1.2	0.51	mg/Kg	☆	06/03/21 08:47	06/03/21 19:34	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 08:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/04/21 10:05	06/07/21 09:08	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.026		0.019	0.0063	mg/Kg	☆	06/02/21 12:50	06/03/21 08:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.6		0.2	0.2	SU			06/03/21 15:18	1

Definitions/Glossary

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

Job ID: 500-199833-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

Qualifier	Qualifier Description
*3	ISTD response or retention time outside acceptable limits.
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

Metals

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

Glossary

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

Eurofins TestAmerica, Chicago

Definitions/Glossary

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

Job ID: 500-199833-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

Accreditation/Certification Summary

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

Job ID: 500-199833-1

Laboratory: Eurofins TestAmerica, Chicago

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

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	IL00035	04-29-22

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

Chain of Custody Record

533076



Environment Testing
TestAmerica

Address _____

Regulatory Program: DW NPDES RCRA Other

TAL-8210

Client Contact		Project Manager: <i>Andra Slesse</i>		Site Contact:		Date:		COC No									
Company Name: <i>Western Solutions</i>		Tel/Email:		Lab Contact:		Carrier:		2 of 3 COCs									
Address: <i>300 Plaza Cir Ste 202</i>		Analysis Turnaround Time		Filtered Sample (Y/N) Perform MS / MSD (Y/N)		 500-199833 COC		Sampler: For Lab Use Only: Walk-in Client <input type="checkbox"/> Lab Sampling <input type="checkbox"/> Job / SDG No <i>500-199833</i>									
City/State/Zip: <i>Madison IL 60660</i>		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS															
Phone:		TAT if different from Below _____															
Fax:		<input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day															
Project Name: <i>TDS I-90</i>																	
Site:				Total Action TDS / SLP / NOB / PH		1106 5106 Total Action TDS / SLP / NOB / PH		Sample Specific Notes									
P O #:																	
Sample Identification		Sample Date								Sample Time		Sample Type (C=Comp, G=Grab)		Matrix		# of Cont.	
<i>ROW-38(0-2)-052721 D</i>		<i>5/27/21</i>								<i>1040</i>		<i>G</i>		<i>S</i>		<i>6</i>	
<i>ROW-36(0-2)-052721</i>										<i>1100</i>							
<i>ROW-34(0-2)-052721</i>										<i>1110</i>							
<i>ROW-32(0-2)-052721</i>										<i>1130</i>							
<i>ROW-30(0-2)-052721</i>										<i>1140</i>							
<i>ROW-28(0-2)-052721</i>										<i>1205</i>							
<i>ROW-26(0-2)-052721</i>										<i>1215</i>							
<i>ROW-24(0-2)-052721</i>				<i>1230</i>													
<i>ROW-22(0-2)-052721</i>				<i>1240</i>													
<i>ROW-20(0-2)-052721</i>				<i>1305</i>													
<i>ROW-18(0-2)-052721</i>				<i>1325</i>													
<i>ROW-16(0-2)-052721 D</i>				<i>1325</i>													
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other																	
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input 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: <i>6/5 5.3 → 5.0, 1.6 → 0.6, 6.0 → 5.7, 4.6 → 4.3, 3.9 → 3.6</i>																	
Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temp (°C) Obs'd		Corr'd		Therm ID No									
Relinquished by: <i>[Signature]</i>		Company: <i>Western</i>		Date/Time: <i>5/27/21 1600</i>		Received by: <i>P.N. [Signature]</i>		Company: <i>EPA</i>									
Relinquished by: <i>[Signature]</i>		Company: <i>EPA</i>		Date/Time: <i>5/27/21 1600</i>		Received by: <i>[Signature]</i>		Company: <i>[Signature]</i>									
Relinquished by: <i>[Signature]</i>		Company: <i>[Signature]</i>		Date/Time: <i>[Signature]</i>		Received in Laboratory by: <i>[Signature]</i>		Company: <i>[Signature]</i>									

1
2
3
4

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

Address _____

Regulatory Program: DW NPDES RCRA Other

TAL-8210

Client Contact		Project Manager: <u>Andris Slegras</u>		Site Contact		Date:		COC No	
Company Name <u>Western Solutions</u>		Tel/Email:		Lab Contact:		Carrier:		3 of 3 COCs	
Address <u>300 Lara Cir Ste 202</u>		Analysis Turnaround Time		Filtered Sample (Y/N) Perform MS / MSD (Y/N) VOCs SVOCs Other Metals TRCP / SPCP Metals pH				Sampler	
City/State/Zip <u>Mundelein, IL 60060</u>		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS						For Lab Use Only	
Phone		TAT if different from Below _____						Walk-in Client	
Fax		<input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day						Lab Sampling	
Project Name <u>FDET I-80</u>								Job / SDG No	
Site								<u>500-199833</u>	
P O #									
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Sample Specific Notes		
5	ROW-16(0-2)-052721	5/27/21	1340	G	S	6	X	X	X
6	ROW-14(0-2)-052721		1350				X	X	X
7	ROW-12(0-2)-052721		1410				X	X	X
8	ROW-10(0-2)-052721		1420				X	X	X
9	ROW-8(0-2)-052721		1440				X	X	X
10	ROW-6(0-2)-052721		1450				X	X	X
11	ROW-4(0-2)-052721		1505				X	X	X
12	ROW-2(0-2)-052721		1515				X	X	X
13	ROW-2(0-2)-052721		1515				X	X	X
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4=HNO3, 5=NaOH, 6= Other									
Possible Hazard Identification Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)				
<input checked="" type="checkbox"/> Non 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>[Signature]</u>		Company <u>Western</u>		Date/Time <u>5/27/21 1600</u>		Received by <u>P. Neal</u>		Company <u>EPA</u>	
Relinquished by <u>P. Neal</u>		Company <u>EPA</u>		Date/Time <u>5/27/21/1655</u>		Received by		Company	
Relinquished by		Company		Date/Time		Received by <u>Shirley Scott</u>		Company <u>EPA-CHI</u>	
								Date/Time <u>5/28/21 0715</u>	

APPENDIX C
BREAKDOWN OF ESTIMATED VOLUMES

Appendix C-1
BREAKDOWN OF ESTIMATED VOLUMES
 Illinois Department of Transportation
 FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
 Will County, Illinois

ISGS Site No.	Shoulder Widening and Rehabilitation							Percentage of Volume Allocated to ROW and Acquisition (As Applicable)	Total Volume (CY)	669.05 Classification
	Total Property Frontage (ft)	Impacted STA (start)	Impacted STA (end)	Property Frontage with Impacted Soil (ft)	Percent of property frontage w/ impacted soil	Volume from PESA Response Form (CY)	Volume (CY)			
Site 2233V2-1										
ROW-1	28,860.00	15870	16300	430	1%	17,105	254.86	--	255	A3
ROW-2	28,860.00	15870	16300	430	1%	17,105	254.86	--	255	A3
ROW-3	28,860.00	16300	16710	410	1%	17,105	243.00	--	243	A1
ROW-4	28,860.00	16300	16950	650	2%	17,105	385.25	--	385	A3
ROW-5	28,860.00	16710	17225	515	2%	17,105	305.23	--	305	A2
ROW-6	28,860.00	16950	17600	650	2%	17,105	385.25	--	385	A1
ROW-7	28,860.00	17225	17790	565	2%	17,105	334.87	--	335	A3
ROW-8	28,860.00	17600	18050	450	2%	17,105	266.71	--	267	A2
ROW-9	28,860.00	17790	18250	460	2%	17,105	272.64	--	273	A3
ROW-10	28,860.00	18050	18485	435	2%	17,105	257.82	--	258	A3
ROW-11	28,860.00	18250	18705	455	2%	17,105	269.67	--	270	A3
ROW-12	28,860.00	18485	18975	490	2%	17,105	290.42	--	290	A3
ROW-13	28,860.00	18705	19235	530	2%	17,105	314.13	--	314	A1
ROW-14	28,860.00	18975	19585	610	2%	17,105	361.54	--	362	A3
ROW-15	28,860.00	19235	19825	590	2%	17,105	349.69	--	350	A2
ROW-16	28,860.00	19585	20200	615	2%	17,105	364.50	--	365	A2
ROW-17	28,860.00	19825	20265	440	2%	17,105	260.78	--	261	A3
ROW-18	28,860.00	20200	20520	320	1%	17,105	189.66	--	190	A3
ROW-19	28,860.00	20265	20745	480	2%	17,105	284.49	--	284	A2
ROW-20	28,860.00	---	---	---	---	17,105	---	--	---	---
ROW-21	28,860.00	20745	21290	545	2%	17,105	323.02	--	323	A1
ROW-22	28,860.00	20970	21500	530	2%	17,105	314.13	--	314	A1
ROW-23	28,860.00	21290	21755	465	2%	17,105	275.60	--	276	A3
ROW-24	28,860.00	21500	21980	480	2%	17,105	284.49	--	284	A3
ROW-25	28,860.00	21755	22275	520	2%	17,105	308.20	--	308	A2
ROW-26	28,860.00	21980	22505	525	2%	17,105	311.16	--	311	A2
ROW-27	28,860.00	22275	22740	465	2%	17,105	275.60	--	276	A3
ROW-28	28,860.00	22505	23000	495	2%	17,105	293.38	--	293	A3
ROW-29	28,860.00	22740	23250	510	2%	17,105	302.27	--	302	A2
ROW-30	28,860.00	23000	23475	475	2%	17,105	281.53	--	282	A3
ROW-31	28,860.00	23250	23695	445	2%	17,105	263.75	--	264	A5

Appendix C-1
BREAKDOWN OF ESTIMATED VOLUMES
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

ISGS Site No.	Shoulder Widening and Rehabilitation							Percentage of Volume Allocated to ROW and Acquisition (As Applicable)	Total Volume (CY)	669.05 Classification
	Total Property Frontage (ft)	Impacted STA (start)	Impacted STA (end)	Property Frontage with Impacted Soil (ft)	Percent of property frontage w/ impacted soil	Volume from PESA Response Form (CY)	Volume (CY)			
ROW-32	28,860.00	23475	23895	420	1%	17,105	248.93	--	249	A1
ROW-33	28,860.00	23695	24145	450	2%	17,105	266.71	--	267	A3
ROW-34	28,860.00	23895	24400	505	2%	17,105	299.31	--	299	A3
ROW-35	28,860.00	24145	24680	535	2%	17,105	317.09	--	317	A3
ROW-36	28,860.00	24500	25025	525	2%	17,105	311.16	--	311	A3
ROW-37	28,860.00	24680	25200	520	2%	17,105	308.20	--	308	A5
ROW-38	28,860.00	25025	25535	510	2%	17,105	302.27	--	302	A2
ROW-39	28,860.00	25200	25780	580	2%	17,105	343.76	--	344	A3
ROW-40	28,860.00	25535	26010	475	2%	17,105	281.53	--	282	A3
ROW-41	28,860.00	25780	26275	495	2%	17,105	293.38	--	293	A2
ROW-42	28,860.00	26010	26495	485	2%	17,105	287.45	--	287	A3
ROW-43	28,860.00	26275	26775	500	2%	17,105	296.34	--	296	A3
ROW-44	28,860.00	26495	26995	500	2%	17,105	296.34	--	296	A1
ROW-45	28,860.00	26775	27300	525	2%	17,105	311.16	--	311	A3
ROW-46	28,860.00	26995	27500	505	2%	17,105	299.31	--	299	A3
ROW-47	28,860.00	27300	27735	435	2%	17,105	257.82	--	258	A3
ROW-48	28,860.00	27500	28000	500	2%	17,105	296.34	--	296	A3
ROW-49	28,860.00	27735	28225	490	2%	17,105	290.42	--	290	A3
ROW-50	28,860.00	28000	28505	505	2%	17,105	299.31	--	299	A3
ROW-51	28,860.00	28225	28715	490	2%	17,105	290.42	--	290	A5
ROW-52	28,860.00	28505	28970	465	2%	17,105	275.60	--	276	A3
ROW-53	28,860.00	28715	29195	480	2%	17,105	284.49	--	284	A5
ROW-54	28,860.00	28970	29445	475	2%	17,105	281.53	--	282	A4
ROW-55	28,860.00	29195	29695	500	2%	17,105	296.34	--	296	A3
ROW-56	28,860.00	29445	29915	470	2%	17,105	278.56	--	279	A3
ROW-57	28,860.00	29695	30300	605	2%	17,105	358.58	--	359	A2
ROW-58	28,860.00	29915	30300	385	1%	17,105	228.19	--	228	A3
Totals:					98%				16778	

APPENDIX D

ANALYTICAL DATA TABLES

Abbreviations:

B	Analyte was detected in the blank and sample.
J	Estimated value.
J+	Estimated value, biased high.
J-	Estimated value, biased low.
R	Rejected as a result of data validation.
U	Analyte not detected; reporting limit is presented.

Table D-1
Summary of VOCs - Soil
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-1	ROW-2	ROW-2	ROW-3	ROW-4	ROW-5	ROW-6	ROW-7
Sample Date	5/26/2021	5/27/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021
Field Sample ID	ROW-1(0-2)-052621	ROW-2(0-2)-052721D	ROW-2(0-2)-052721	ROW-3(0-2)-052621	ROW-4(0-2)-052721	ROW-5(0-2)-052621	ROW-6(0-2)-052721	ROW-7(0-2)-052621
DeliveryGroup	500-199752-1	500-199833-1	500-199833-1	500-199752-1	500-199833-1	500-199752-1	500-199833-1	500-199752-1
LocationCode	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1
VOCs (mg/kg)								
1,1,1-Trichloroethane	0.0016 U	0.0019 U	0.0015 U	0.0015 U	0.0016 U	0.0017 U	0.0017 U	0.0017 U
1,1,2,2-Tetrachloroethane	0.0016 U	0.0019 U	0.0015 U	0.0015 U	0.0016 U	0.0017 U	0.0017 U	0.0017 U
1,1,2-Trichloroethane	0.0016 U	0.0019 U	0.0015 U	0.0015 U	0.0016 U	0.0017 U	0.0017 U	0.0017 U
1,1-Dichloroethane	0.0016 U	0.0019 U	0.0015 U	0.0015 U	0.0016 U	0.0017 U	0.0017 U	0.0017 U
1,1-Dichloroethene	0.0016 U	0.0019 U	0.0015 U	0.0015 U	0.0016 U	0.0017 U	0.0017 U	0.0017 U
1,2-Dichloroethane	0.004 U	0.0049 U	0.0038 U	0.0038 U	0.0041 U	0.0042 U	0.0043 U	0.0042 U
1,2-Dichloropropane	0.0016 U	0.0019 U	0.0015 U	0.0015 U	0.0016 U	0.0017 U	0.0017 U	0.0017 U
1,3-Dichloropropene, Total	0.0016 U	0.0019 U	0.0015 U	0.0015 U	0.0016 U	0.0017 U	0.0017 U	0.0017 U
2-Hexanone	0.004 U	0.0049 U	0.0038 U	0.0038 U	0.0041 U	0.0042 U	0.0043 U	0.0042 U
4-Methyl-2-pentanone	0.004 U	0.0049 U	0.0038 U	0.0038 U	0.0041 U	0.0042 U	0.0043 U	0.0042 U
Acetone	0.016 U	0.019 U	0.015 U	0.015 U	0.016 U	0.017 U	0.017 U	0.017 U
Benzene	0.0016 U	0.0019 U	0.0015 U	0.0015 U	0.0016 U	0.0017 U	0.0017 U	0.0017 U
Bromodichloromethane	0.0016 U	0.0019 U	0.0015 U	0.0015 U	0.0016 U	0.0017 U	0.0017 U	0.0017 U
Bromoform	0.0016 U	0.0019 U	0.0015 U	0.0015 U	0.0016 U	0.0017 U	0.0017 U	0.0017 U
Bromomethane	0.004 U	0.0049 U	0.0038 U	0.0038 U	0.0041 U	0.0042 U	0.0043 U	0.0042 U
Carbon disulfide	0.004 U	0.0049 U	0.0038 U	0.0038 U	0.0041 U	0.0042 U	0.0043 U	0.0042 U
Carbon tetrachloride	0.0016 U	0.0019 U	0.0015 U	0.0015 U	0.0016 U	0.0017 U	0.0017 U	0.0017 U
Chlorobenzene	0.0016 U	0.0019 U	0.0015 U	0.0015 U	0.0016 U	0.0017 U	0.0017 U	0.0017 U
Chloroethane	0.004 U	0.0049 U	0.0038 U	0.0038 U	0.0041 U	0.0042 U	0.0043 U	0.0042 U
Chloroform	0.0016 U	0.0019 U	0.0015 U	0.0015 U	0.0016 U	0.0017 U	0.0017 U	0.0017 U
Chloromethane	0.004 U	0.0049 U	0.0038 U	0.0038 U	0.0041 U	0.0042 U	0.0043 U	0.0042 U
cis-1,2-Dichloroethene	0.0016 U	0.0019 U	0.0015 U	0.0015 U	0.0016 U	0.0017 U	0.0017 U	0.0017 U
cis-1,3-Dichloropropene	0.0016 U	0.0019 U	0.0015 U	0.0015 U	0.0016 U	0.0017 U	0.0017 U	0.0017 U
Dibromochloromethane	0.0016 U	0.0019 U	0.0015 U	0.0015 U	0.0016 U	0.0017 U	0.0017 U	0.0017 U
Ethylbenzene	0.0016 U	0.0019 U	0.0015 U	0.0015 U	0.0016 U	0.0017 U	0.0017 U	0.0017 U
Methyl ethyl ketone	0.004 U	0.0049 U	0.0038 U	0.0038 U	0.0041 U	0.0042 U	0.0043 U	0.0042 U
Methyl tert-butyl ether	0.0016 U	0.0019 U	0.0015 U	0.0015 U	0.0016 U	0.0017 U	0.0017 U	0.0017 U
Methylene chloride	0.004 U	0.0049 U	0.0038 U	0.0038 U	0.0041 U	0.0042 U	0.0043 U	0.0042 U
Styrene	0.0016 U	0.0019 U	0.0015 U	0.0015 U	0.0016 U	0.0017 U	0.0017 U	0.0017 U
Tetrachloroethene	0.0016 U	0.0019 U	0.0015 U	0.0015 U	0.0016 U	0.0017 U	0.0017 U	0.0017 U
Toluene	0.0016 U	0.0019 U	0.0015 U	0.0015 U	0.0016 U	0.0017 U	0.0017 U	0.0017 U
trans-1,2-Dichloroethene	0.0016 U	0.0019 U	0.0015 U	0.0015 U	0.0016 U	0.0017 U	0.0017 U	0.0017 U
trans-1,3-Dichloropropene	0.0016 U	0.0019 U	0.0015 U	0.0015 U	0.0016 U	0.0017 U	0.0017 U	0.0017 U
Trichloroethene	0.0016 U	0.0019 U	0.0015 U	0.0015 U	0.0016 U	0.0017 U	0.0017 U	0.0017 U
Vinyl Chloride	0.0016 U	0.0019 U	0.0015 U	0.0015 U	0.0016 U	0.0017 U	0.0017 U	0.0017 U
Xylene (Total)	0.0032 U	0.0039 U	0.0031 U	0.0031 U	0.0033 U	0.0034 U	0.0034 U	0.0034 U

Table D-1
Summary of VOCs - Soil
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-8	ROW-9	ROW-10	ROW-11	ROW-12	ROW-13	ROW-14	ROW-15
Sample Date	5/27/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021
Field Sample ID	ROW-8(0-2)-052721	ROW-9(0-2)-052621	ROW-10(0-2)-052721	ROW-11(0-2)-052621	ROW-12(0-2)-052721	ROW-13(0-2)-052621	ROW-14(0-2)-052721	ROW-15(0-2)-052621
Delivery Group	500-199833-1	500-199752-1	500-199833-1	500-199752-1	500-199833-1	500-199752-1	500-199833-1	500-199752-1
Location Code	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1
VOCs (mg/kg)								
1,1,1-Trichloroethane	0.0017 U	0.0017 U	0.0016 U	0.0017 U	0.0024 U	0.0019 U	0.0016 U	0.0017 U
1,1,2,2-Tetrachloroethane	0.0017 U	0.0017 U	0.0016 U	0.0017 U	0.0024 U	0.0019 U	0.0016 U	0.0017 U
1,1,2-Trichloroethane	0.0017 U	0.0017 U	0.0016 U	0.0017 U	0.0024 U	0.0019 U	0.0016 U	0.0017 U
1,1-Dichloroethane	0.0017 U	0.0017 U	0.0016 U	0.0017 U	0.0024 U	0.0019 U	0.0016 U	0.0017 U
1,1-Dichloroethene	0.0017 U	0.0017 U	0.0016 U	0.0017 U	0.0024 U	0.0019 U	0.0016 U	0.0017 U
1,2-Dichloroethane	0.0043 U	0.0043 U	0.004 U	0.0042 U	0.0059 U	0.0049 U	0.004 U	0.0043 U
1,2-Dichloropropane	0.0017 U	0.0017 U	0.0016 U	0.0017 U	0.0024 U	0.0019 U	0.0016 U	0.0017 U
1,3-Dichloropropene, Total	0.0017 U	0.0017 U	0.0016 U	0.0017 U	0.0024 U	0.0019 U	0.0016 U	0.0017 U
2-Hexanone	0.0043 U	0.0043 U	0.004 U	0.0042 U	0.0059 U	0.0049 U	0.004 U	0.0043 U
4-Methyl-2-pentanone	0.0043 U	0.0043 U	0.004 U	0.0042 U	0.0059 U	0.0049 U	0.004 U	0.0043 U
Acetone	0.017 U	0.017 U	0.016 U	0.017 U	0.024 U	0.019 U	0.016 U	0.017 U
Benzene	0.0017 U	0.0017 U	0.0016 U	0.0017 U	0.0024 U	0.0019 U	0.0016 U	0.0017 U
Bromodichloromethane	0.0017 U	0.0017 U	0.0016 U	0.0017 U	0.0024 U	0.0019 U	0.0016 U	0.0017 U
Bromoform	0.0017 U	0.0017 U	0.0016 U	0.0017 U	0.0024 U	0.0019 U	0.0016 U	0.0017 U
Bromomethane	0.0043 U	0.0043 U	0.004 U	0.0042 U	0.0059 U	0.0049 U	0.004 U	0.0043 U
Carbon disulfide	0.0043 U	0.0043 U	0.004 U	0.0042 U	0.0059 U	0.0049 U	0.004 U	0.0043 U
Carbon tetrachloride	0.0017 U	0.0017 U	0.0016 U	0.0017 U	0.0024 U	0.0019 U	0.0016 U	0.0017 U
Chlorobenzene	0.0017 U	0.0017 U	0.0016 U	0.0017 U	0.0024 U	0.0019 U	0.0016 U	0.0017 U
Chloroethane	0.0043 U	0.0043 U	0.004 U	0.0042 U	0.0059 U	0.0049 U	0.004 U	0.0043 U
Chloroform	0.0017 U	0.0017 U	0.0016 U	0.0017 U	0.0024 U	0.0019 U	0.0016 U	0.0017 U
Chloromethane	0.0043 U	0.0043 U	0.004 U	0.0042 U	0.0059 U	0.0049 U	0.004 U	0.0043 U
cis-1,2-Dichloroethene	0.0017 U	0.0017 U	0.0016 U	0.0017 U	0.0024 U	0.0019 U	0.0016 U	0.0017 U
cis-1,3-Dichloropropene	0.0017 U	0.0017 U	0.0016 U	0.0017 U	0.0024 U	0.0019 U	0.0016 U	0.0017 U
Dibromochloromethane	0.0017 U	0.0017 U	0.0016 U	0.0017 U	0.0024 U	0.0019 U	0.0016 U	0.0017 U
Ethylbenzene	0.0017 U	0.0017 U	0.0016 U	0.0017 U	0.0024 U	0.0019 U	0.0016 U	0.0017 U
Methyl ethyl ketone	0.0043 U	0.0043 U	0.004 U	0.0042 U	0.0059 U	0.0049 U	0.004 U	0.0043 U
Methyl tert-butyl ether	0.0017 U	0.0017 U	0.0016 U	0.0017 U	0.0024 U	0.0019 U	0.0016 U	0.0017 U
Methylene chloride	0.0043 U	0.0043 U	0.004 U	0.0042 U	0.0059 U	0.0049 U	0.004 U	0.0043 U
Styrene	0.0017 U	0.0017 U	0.0016 U	0.0017 U	0.0024 U	0.0019 U	0.0016 U	0.0017 U
Tetrachloroethene	0.0017 U	0.0017 U	0.0016 U	0.0017 U	0.0024 U	0.0019 U	0.0016 U	0.0017 U
Toluene	0.0017 U	0.0017 U	0.0016 U	0.0017 U	0.0024 U	0.0019 U	0.0016 U	0.0017 U
trans-1,2-Dichloroethene	0.0017 U	0.0017 U	0.0016 U	0.0017 U	0.0024 U	0.0019 U	0.0016 U	0.0017 U
trans-1,3-Dichloropropene	0.0017 U	0.0017 U	0.0016 U	0.0017 U	0.0024 U	0.0019 U	0.0016 U	0.0017 U
Trichloroethene	0.0017 U	0.0017 U	0.0016 U	0.0017 U	0.0024 U	0.0019 U	0.0016 U	0.0017 U
Vinyl Chloride	0.0017 U	0.0017 U	0.0016 U	0.0017 U	0.0024 U	0.0019 U	0.0016 U	0.0017 U
Xylene (Total)	0.0035 U	0.0034 U	0.0032 U	0.0033 U	0.0047 U	0.0039 U	0.0032 U	0.0034 U

Table D-1
Summary of VOCs - Soil
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-16	ROW-17	ROW-18	ROW-18	ROW-19	ROW-19	ROW-20	ROW-21
Sample Date	5/27/2021	5/26/2021	5/27/2021	5/27/2021	5/26/2021	5/26/2021	5/27/2021	5/26/2021
Field Sample ID	ROW-16(0-2)-052721	ROW-17(0-2)-052621	ROW-18(0-2)-052721D	ROW-18(0-2)-052721	ROW-19(0-2)-052621D	ROW-19(0-2)-052621	ROW-20(0-2)-052721	ROW-21(0-2)-052621
DeliveryGroup	500-199833-1	500-199752-1	500-199833-1	500-199833-1	500-199752-1	500-199752-1	500-199833-1	500-199752-1
LocationCode	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1
VOCs (mg/kg)								
1,1,1-Trichloroethane	0.0017 U	0.0018 U	0.0016 U	0.0016 U	0.0017 U	0.0017 U	0.0016 U	0.0015 U
1,1,2,2-Tetrachloroethane	0.0017 U	0.0018 U	0.0016 U	0.0016 U	0.0017 U	0.0017 U	0.0016 U	0.0015 U
1,1,2-Trichloroethane	0.0017 U	0.0018 U	0.0016 U	0.0016 U	0.0017 U	0.0017 U	0.0016 U	0.0015 U
1,1-Dichloroethane	0.0017 U	0.0018 U	0.0016 U	0.0016 U	0.0017 U	0.0017 U	0.0016 U	0.0015 U
1,1-Dichloroethene	0.0017 U	0.0018 U	0.0016 U	0.0016 U	0.0017 U	0.0017 U	0.0016 U	0.0015 U
1,2-Dichloroethane	0.0044 U	0.0046 U	0.004 U	0.004 U	0.0043 U	0.0042 U	0.0041 U	0.0036 U
1,2-Dichloropropane	0.0017 U	0.0018 U	0.0016 U	0.0016 U	0.0017 U	0.0017 U	0.0016 U	0.0015 U
1,3-Dichloropropene, Total	0.0017 U	0.0018 U	0.0016 U	0.0016 U	0.0017 U	0.0017 U	0.0016 U	0.0015 U
2-Hexanone	0.0044 U	0.0046 U	0.004 U	0.004 U	0.0043 U	0.0042 U	0.0041 U	0.0036 U
4-Methyl-2-pentanone	0.0044 U	0.0046 U	0.004 U	0.004 U	0.0043 U	0.0042 U	0.0041 U	0.0036 U
Acetone	0.017 U	0.018 U	0.016 U	0.016 U	0.017 U	0.017 U	0.016 U	0.015 U
Benzene	0.0017 U	0.0018 U	0.0016 U	0.0016 U	0.0017 U	0.0017 U	0.0016 U	0.0015 U
Bromodichloromethane	0.0017 U	0.0018 U	0.0016 U	0.0016 U	0.0017 U	0.0017 U	0.0016 U	0.0015 U
Bromoform	0.0017 U	0.0018 U	0.0016 U	0.0016 U	0.0017 U	0.0017 U	0.0016 U	0.0015 U
Bromomethane	0.0044 U	0.0046 U	0.004 U	0.004 U	0.0043 U	0.0042 U	0.0041 U	0.0036 U
Carbon disulfide	0.0044 U	0.0046 U	0.004 U	0.004 U	0.0043 U	0.0042 U	0.0041 U	0.0036 U
Carbon tetrachloride	0.0017 U	0.0018 U	0.0016 U	0.0016 U	0.0017 U	0.0017 U	0.0016 U	0.0015 U
Chlorobenzene	0.0017 U	0.0018 U	0.0016 U	0.0016 U	0.0017 U	0.0017 U	0.0016 U	0.0015 U
Chloroethane	0.0044 U	0.0046 U	0.004 U	0.004 U	0.0043 U	0.0042 U	0.0041 U	0.0036 U
Chloroform	0.0017 U	0.0018 U	0.0016 U	0.0016 U	0.0017 U	0.0017 U	0.0016 U	0.0015 U
Chloromethane	0.0044 U	0.0046 U	0.004 U	0.004 U	0.0043 U	0.0042 U	0.0041 U	0.0036 U
cis-1,2-Dichloroethene	0.0017 U	0.0018 U	0.0016 U	0.0016 U	0.0017 U	0.0017 U	0.0016 U	0.0015 U
cis-1,3-Dichloropropene	0.0017 U	0.0018 U	0.0016 U	0.0016 U	0.0017 U	0.0017 U	0.0016 U	0.0015 U
Dibromochloromethane	0.0017 U	0.0018 U	0.0016 U	0.0016 U	0.0017 U	0.0017 U	0.0016 U	0.0015 U
Ethylbenzene	0.0017 U	0.0018 U	0.0016 U	0.0016 U	0.0017 U	0.0017 U	0.0016 U	0.0015 U
Methyl ethyl ketone	0.0044 U	0.0046 U	0.004 U	0.004 U	0.0043 U	0.0042 U	0.0041 U	0.0036 U
Methyl tert-butyl ether	0.0017 U	0.0018 U	0.0016 U	0.0016 U	0.0017 U	0.0017 U	0.0016 U	0.0015 U
Methylene chloride	0.0044 U	0.0046 U	0.004 U	0.004 U	0.0043 U	0.0019 J	0.0041 U	0.0036 U
Styrene	0.0017 U	0.0018 U	0.0016 U	0.0016 U	0.0017 U	0.0017 U	0.0016 U	0.0015 U
Tetrachloroethene	0.0017 U	0.0018 U	0.0016 U	0.0016 U	0.0017 U	0.0017 U	0.0016 U	0.0015 U
Toluene	0.0017 U	0.0018 U	0.0016 U	0.0016 U	0.0017 U	0.0017 U	0.0016 U	0.0015 U
trans-1,2-Dichloroethene	0.0017 U	0.0018 U	0.0016 U	0.0016 U	0.0017 U	0.0017 U	0.0016 U	0.0015 U
trans-1,3-Dichloropropene	0.0017 U	0.0018 U	0.0016 U	0.0016 U	0.0017 U	0.0017 U	0.0016 U	0.0015 U
Trichloroethene	0.0017 U	0.0018 U	0.0016 U	0.0016 U	0.0017 U	0.0017 U	0.0016 U	0.0015 U
Vinyl Chloride	0.0017 U	0.0018 U	0.0016 U	0.0016 U	0.0017 U	0.0017 U	0.0016 U	0.0015 U
Xylene (Total)	0.0035 U	0.0037 U	0.0032 U	0.0032 U	0.0035 U	0.00062 J	0.00052 J	0.0029 U

Table D-1
Summary of VOCs - Soil
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-22	ROW-23	ROW-24	ROW-25	ROW-26	ROW-27	ROW-28	ROW-29
Sample Date	5/27/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021
Field Sample ID	ROW-22(0-2)-052721	ROW-23(0-2)-052621	ROW-24(0-2)-052721	ROW-25(0-2)-052621	ROW-26(0-2)-052721	ROW-27(0-2)-052621	ROW-28(0-2)-052721	ROW-29(0-2)-052621
DeliveryGroup	500-199833-1	500-199752-1	500-199832-1	500-199752-1	500-199832-1	500-199752-1	500-199832-1	500-199752-1
LocationCode	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1
VOCs (mg/kg)								
1,1,1-Trichloroethane	0.0018 U	0.0017 U	0.0018 U	0.0015 U	0.0018 U	0.0017 U	0.002 U	0.0016 U
1,1,2,2-Tetrachloroethane	0.0018 U	0.0017 U	0.0018 U	0.0015 U	0.0018 U	0.0017 U	0.002 U	0.0016 U
1,1,2-Trichloroethane	0.0018 U	0.0017 U	0.0018 U	0.0015 U	0.0018 U	0.0017 U	0.002 U	0.0016 U
1,1-Dichloroethane	0.0018 U	0.0017 U	0.0018 U	0.0015 U	0.0018 U	0.0017 U	0.002 U	0.0016 U
1,1-Dichloroethene	0.0018 U	0.0017 U	0.0018 U	0.0015 U	0.0018 U	0.0017 U	0.002 U	0.0016 U
1,2-Dichloroethane	0.0046 U	0.0044 U	0.0045 U	0.0037 U	0.0045 U	0.0044 U	0.0051 U	0.0039 U
1,2-Dichloropropane	0.0018 U	0.0017 U	0.0018 U	0.0015 U	0.0018 U	0.0017 U	0.002 U	0.0016 U
1,3-Dichloropropene, Total	0.0018 U	0.0017 U	0.0018 U	0.0015 U	0.0018 U	0.0017 U	0.002 U	0.0016 U
2-Hexanone	0.0046 U	0.0044 U	0.0045 U	0.0037 U	0.0045 U	0.0044 U	0.0051 U	0.0039 U
4-Methyl-2-pentanone	0.0046 U	0.0044 U	0.0045 U	0.0037 U	0.0045 U	0.0044 U	0.0051 U	0.0039 U
Acetone	0.018 U	0.017 U	0.018 U	0.015 U	0.018 U	0.017 U	0.02 U	0.016 U
Benzene	0.0018 U	0.0017 U	0.0018 U	0.0015 U	0.0018 U	0.0017 U	0.002 U	0.0016 U
Bromodichloromethane	0.0018 U	0.0017 U	0.0018 U	0.0015 U	0.0018 U	0.0017 U	0.002 U	0.0016 U
Bromoform	0.0018 U	0.0017 U	0.0018 U	0.0015 U	0.0018 U	0.0017 U	0.002 U	0.0016 U
Bromomethane	0.0046 U	0.0044 U	0.0045 U	0.0037 U	0.0045 U	0.0044 U	0.0051 U	0.0039 U
Carbon disulfide	0.0046 U	0.0044 U	0.0045 U	0.0037 U	0.0045 U	0.0044 U	0.0051 U	0.0039 U
Carbon tetrachloride	0.0018 U	0.0017 U	0.0018 U	0.0015 U	0.0018 U	0.0017 U	0.002 U	0.0016 U
Chlorobenzene	0.0018 U	0.0017 U	0.0018 U	0.0015 U	0.0018 U	0.0017 U	0.002 U	0.0016 U
Chloroethane	0.0046 U	0.0044 U	0.0045 U	0.0037 U	0.0045 U	0.0044 U	0.0051 U	0.0039 U
Chloroform	0.0018 U	0.0017 U	0.0018 U	0.0015 U	0.0018 U	0.0017 U	0.002 U	0.0016 U
Chloromethane	0.0046 U	0.0044 U	0.0045 U	0.0037 U	0.0045 U	0.0044 U	0.0051 U	0.0039 U
cis-1,2-Dichloroethene	0.0018 U	0.0017 U	0.0018 U	0.0015 U	0.0018 U	0.0017 U	0.002 U	0.0016 U
cis-1,3-Dichloropropene	0.0018 U	0.0017 U	0.0018 U	0.0015 U	0.0018 U	0.0017 U	0.002 U	0.0016 U
Dibromochloromethane	0.0018 U	0.0017 U	0.0018 U	0.0015 U	0.0018 U	0.0017 U	0.002 U	0.0016 U
Ethylbenzene	0.0018 U	0.0017 U	0.0018 U	0.0015 U	0.0018 U	0.0017 U	0.002 U	0.0016 U
Methyl ethyl ketone	0.0046 U	0.0044 U	0.0045 U	0.0037 U	0.0045 U	0.0044 U	0.0051 U	0.0039 U
Methyl tert-butyl ether	0.0018 U	0.0017 U	0.0018 U	0.0015 U	0.0018 U	0.0017 U	0.002 U	0.0016 U
Methylene chloride	0.0046 U	0.0044 U	0.0045 U	0.0037 U	0.0045 U	0.0044 U	0.0051 U	0.0039 U
Styrene	0.0018 U	0.0017 U	0.0018 U	0.0015 U	0.0018 U	0.0017 U	0.002 U	0.0016 U
Tetrachloroethene	0.0018 U	0.0017 U	0.0018 U	0.0015 U	0.0018 U	0.0017 U	0.002 U	0.0016 U
Toluene	0.0018 U	0.0017 U	0.0018 U	0.0015 U	0.0018 U	0.0017 U	0.002 U	0.0016 U
trans-1,2-Dichloroethene	0.0018 U	0.0017 U	0.0018 U	0.0015 U	0.0018 U	0.0017 U	0.002 U	0.0016 U
trans-1,3-Dichloropropene	0.0018 U	0.0017 U	0.0018 U	0.0015 U	0.0018 U	0.0017 U	0.002 U	0.0016 U
Trichloroethene	0.0018 U	0.0017 U	0.0018 U	0.0015 U	0.0018 U	0.0017 U	0.002 U	0.0016 U
Vinyl Chloride	0.0018 U	0.0017 U	0.0018 U	0.0015 U	0.0018 U	0.0017 U	0.002 U	0.0016 U
Xylene (Total)	0.0037 U	0.0035 U	0.0036 U	0.003 U	0.0036 U	0.0035 U	0.0041 U	0.0031 U

Table D-1
Summary of VOCs - Soil
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-30	ROW-31	ROW-32	ROW-33	ROW-34	ROW-35	ROW-36	ROW-37
Sample Date	5/27/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021
Field Sample ID	ROW-30(0-2)-052721	ROW-31(0-2)-052621	ROW-32(0-2)-052721	ROW-33(0-2)-052621	ROW-34(0-2)-052721	ROW-35(0-2)-052621	ROW-36(0-2)-052721	ROW-37(0-2)-052621
DeliveryGroup	500-199832-1	500-199752-1	500-199832-1	500-199752-1	500-199832-1	500-199752-1	500-199832-1	500-199752-1
LocationCode	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1
VOCs (mg/kg)								
1,1,1-Trichloroethane	0.0019 U	0.0018 U	0.0016 U	0.0016 U	0.002 U	0.0013 U	0.0017 U	0.002 U
1,1,2,2-Tetrachloroethane	0.0019 U	0.0018 U	0.0016 U	0.0016 U	0.002 U	0.0013 U	0.0017 U	0.002 U
1,1,2-Trichloroethane	0.0019 U	0.0018 U	0.0016 U	0.0016 U	0.002 U	0.0013 U	0.0017 U	0.002 U
1,1-Dichloroethane	0.0019 U	0.0018 U	0.0016 U	0.0016 U	0.002 U	0.0013 U	0.0017 U	0.002 U
1,1-Dichloroethene	0.0019 U	0.0018 U	0.0016 U	0.0016 U	0.002 U	0.0013 U	0.0017 U	0.002 U
1,2-Dichloroethane	0.0047 U	0.0044 U	0.0039 U	0.0041 U	0.005 U	0.0034 U	0.0042 U	0.0049 U
1,2-Dichloropropane	0.0019 U	0.0018 U	0.0016 U	0.0016 U	0.002 U	0.0013 U	0.0017 U	0.002 U
1,3-Dichloropropene, Total	0.0019 U	0.0018 U	0.0016 U	0.0016 U	0.002 U	0.0013 U	0.0017 U	0.002 U
2-Hexanone	0.0047 U	0.0044 U	0.0039 U	0.0041 U	0.005 U	0.0034 U	0.0042 U	0.0049 U
4-Methyl-2-pentanone	0.0047 U	0.0044 U	0.0039 U	0.0041 U	0.005 U	0.0034 U	0.0042 U	0.0049 U
Acetone	0.019 U	0.046	0.016 U	0.016 U	0.02 U	0.013 U	0.017 U	0.02 U
Benzene	0.0019 U	0.00095 J	0.0016 U	0.0016 U	0.002 U	0.0013 U	0.0017 U	0.002 U
Bromodichloromethane	0.0019 U	0.0018 U	0.0016 U	0.0016 U	0.002 U	0.0013 U	0.0017 U	0.002 U
Bromoform	0.0019 U	0.0018 U	0.0016 U	0.0016 U	0.002 U	0.0013 U	0.0017 U	0.002 U
Bromomethane	0.0047 U	0.0044 U	0.0039 U	0.0041 U	0.005 U	0.0034 U	0.0042 U	0.0049 U
Carbon disulfide	0.0047 U	0.0088	0.0039 U	0.0041 U	0.005 U	0.0034 U	0.0042 U	0.0049 U
Carbon tetrachloride	0.0019 U	0.0018 U	0.0016 U	0.0016 U	0.002 U	0.0013 U	0.0017 U	0.002 U
Chlorobenzene	0.0019 U	0.0018 U	0.0016 U	0.0016 U	0.002 U	0.0013 U	0.0017 U	0.002 U
Chloroethane	0.0047 U	0.0044 U	0.0039 U	0.0041 U	0.005 U	0.0034 U	0.0042 U	0.0049 U
Chloroform	0.0019 U	0.0018 U	0.0016 U	0.0016 U	0.002 U	0.0013 U	0.0017 U	0.002 U
Chloromethane	0.0047 U	0.0044 U	0.0039 U	0.0041 U	0.005 U	0.0034 U	0.0042 U	0.0049 U
cis-1,2-Dichloroethene	0.0019 U	0.0018 U	0.0016 U	0.0016 U	0.002 U	0.0013 U	0.0017 U	0.002 U
cis-1,3-Dichloropropene	0.0019 U	0.0018 U	0.0016 U	0.0016 U	0.002 U	0.0013 U	0.0017 U	0.002 U
Dibromochloromethane	0.0019 U	0.0018 U	0.0016 U	0.0016 U	0.002 U	0.0013 U	0.0017 U	0.002 U
Ethylbenzene	0.0019 U	0.0018 U	0.0016 U	0.0016 U	0.002 U	0.0013 U	0.0017 U	0.002 U
Methyl ethyl ketone	0.0047 U	0.0063	0.0039 U	0.0041 U	0.005 U	0.0034 U	0.0042 U	0.0049 U
Methyl tert-butyl ether	0.0019 U	0.0018 U	0.0016 U	0.0016 U	0.002 U	0.0013 U	0.0017 U	0.002 U
Methylene chloride	0.0047 U	0.0044 U	0.0039 U	0.0041 U	0.005 U	0.0034 U	0.0042 U	0.0049 U
Styrene	0.0019 U	0.0018 U	0.0016 U	0.0016 U	0.002 U	0.0013 U	0.0017 U	0.002 U
Tetrachloroethene	0.0019 U	0.0018 U	0.0016 U	0.0016 U	0.002 U	0.0013 U	0.0017 U	0.002 U
Toluene	0.0019 U	0.001 J	0.0016 U	0.0016 U	0.002 U	0.0013 U	0.0017 U	0.002 U
trans-1,2-Dichloroethene	0.0019 U	0.0018 U	0.0016 U	0.0016 U	0.002 U	0.0013 U	0.0017 U	0.002 U
trans-1,3-Dichloropropene	0.0019 U	0.0018 U	0.0016 U	0.0016 U	0.002 U	0.0013 U	0.0017 U	0.002 U
Trichloroethene	0.0019 U	0.0018 U	0.0016 U	0.0016 U	0.002 U	0.0013 U	0.0017 U	0.002 U
Vinyl Chloride	0.0019 U	0.0018 U	0.0016 U	0.0016 U	0.002 U	0.0013 U	0.0017 U	0.002 U
Xylene (Total)	0.0037 U	0.0035 U	0.0032 U	0.0033 U	0.004 U	0.0027 U	0.0034 U	0.0039 U

Table D-1
Summary of VOCs - Soil
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-38	ROW-38	ROW-39	ROW-39	ROW-40	ROW-41	ROW-42	ROW-43
Sample Date	5/27/2021	5/27/2021	5/26/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021
Field Sample ID	ROW-38(0-2)-052721D	ROW-38(0-2)-052721D	ROW-39(0-2)-052621D	ROW-39(0-2)-052621D	ROW-40(0-2)-052721D	ROW-41(0-2)-052621D	ROW-42(0-2)-052721D	ROW-43(0-2)-052621D
DeliveryGroup	500-199832-1	500-199832-1	500-199753-1	500-199753-1	500-199832-1	500-199753-1	500-199832-1	500-199753-1
LocationCode	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1
VOCs (mg/kg)								
1,1,1-Trichloroethane	0.0019 U	0.0021 U	0.0018 U	0.0018 U	0.0015 U	0.0015 U	0.0021 U	0.0016 U
1,1,2,2-Tetrachloroethane	0.0019 U	0.0021 U	0.0018 U	0.0018 U	0.0015 U	0.0015 U	0.0021 U	0.0016 U
1,1,2-Trichloroethane	0.0019 U	0.0021 U	0.0018 U	0.0018 U	0.0015 U	0.0015 U	0.0021 U	0.0016 U
1,1-Dichloroethane	0.0019 U	0.0021 U	0.0018 U	0.0018 U	0.0015 U	0.0015 U	0.0021 U	0.0016 U
1,1-Dichloroethene	0.0019 U	0.0021 U	0.0018 U	0.0018 U	0.0015 U	0.0015 U	0.0021 U	0.0016 U
1,2-Dichloroethane	0.0047 U	0.0053 U	0.0046 U	0.0045 U	0.0037 U	0.0038 U	0.0052 U	0.004 U
1,2-Dichloropropane	0.0019 U	0.0021 U	0.0018 U	0.0018 U	0.0015 U	0.0015 U	0.0021 U	0.0016 U
1,3-Dichloropropene, Total	0.0019 U	0.0021 U	0.0018 U	0.0018 U	0.0015 U	0.0015 U	0.0021 U	0.0016 U
2-Hexanone	0.0047 U	0.0053 U	0.0046 U	0.0045 U	0.0037 U	0.0038 U	0.0052 U	0.004 U
4-Methyl-2-pentanone	0.0047 U	0.0053 U	0.0046 U	0.0045 U	0.0037 U	0.0038 U	0.0052 U	0.004 U
Acetone	0.019 U	0.021 U	0.018 U	0.018 U	0.015 U	0.015 U	0.021 U	0.016 U
Benzene	0.0019 U	0.0021 U	0.0018 U	0.0018 U	0.0015 U	0.0015 U	0.0021 U	0.0016 U
Bromodichloromethane	0.0019 U	0.0021 U	0.0018 U	0.0018 U	0.0015 U	0.0015 U	0.0021 U	0.0016 U
Bromoform	0.0019 U	0.0021 U	0.0018 U	0.0018 U	0.0015 U	0.0015 U	0.0021 U	0.0016 U
Bromomethane	0.0047 U	0.0053 U	0.0046 U	0.0045 U	0.0037 U	0.0038 U	0.0052 U	0.004 U
Carbon disulfide	0.0047 U	0.0053 U	0.0046 U	0.0045 U	0.0037 U	0.0038 U	0.0052 U	0.004 U
Carbon tetrachloride	0.0019 U	0.0021 U	0.0018 U	0.0018 U	0.0015 U	0.0015 U	0.0021 U	0.0016 U
Chlorobenzene	0.0019 U	0.0021 U	0.0018 U	0.0018 U	0.0015 U	0.0015 U	0.0021 U	0.0016 U
Chloroethane	0.0047 U	0.0053 U	0.0046 U	0.0045 U	0.0037 U	0.0038 U	0.0052 U	0.004 U
Chloroform	0.0019 U	0.0021 U	0.0018 U	0.0018 U	0.0015 U	0.0015 U	0.0021 U	0.0016 U
Chloromethane	0.0047 U	0.0053 U	0.0046 U	0.0045 U	0.0037 U	0.0038 U	0.0052 U	0.004 U
cis-1,2-Dichloroethene	0.0019 U	0.0021 U	0.0018 U	0.0018 U	0.0015 U	0.0015 U	0.0021 U	0.0016 U
cis-1,3-Dichloropropene	0.0019 U	0.0021 U	0.0018 U	0.0018 U	0.0015 U	0.0015 U	0.0021 U	0.0016 U
Dibromochloromethane	0.0019 U	0.0021 U	0.0018 U	0.0018 U	0.0015 U	0.0015 U	0.0021 U	0.0016 U
Ethylbenzene	0.0019 U	0.0021 U	0.0018 U	0.0018 U	0.0015 U	0.0015 U	0.0021 U	0.0016 U
Methyl ethyl ketone	0.0047 U	0.0053 U	0.0046 U	0.0045 U	0.0037 U	0.0038 U	0.0052 U	0.004 U
Methyl tert-butyl ether	0.0019 U	0.0021 U	0.0018 U	0.0018 U	0.0015 U	0.0015 U	0.0021 U	0.0016 U
Methylene chloride	0.0047 U	0.0053 U	0.0046 U	0.0045 U	0.0037 U	0.0038 U	0.0052 U	0.004 U
Styrene	0.0019 U	0.0021 U	0.0018 U	0.0018 U	0.0015 U	0.0015 U	0.0021 U	0.0016 U
Tetrachloroethene	0.0019 U	0.0021 U	0.0018 U	0.0018 U	0.0015 U	0.0015 U	0.0021 U	0.0016 U
Toluene	0.0019 U	0.0021 U	0.0018 U	0.0018 U	0.0015 U	0.0015 U	0.0021 U	0.0016 U
trans-1,2-Dichloroethene	0.0019 U	0.0021 U	0.0018 U	0.0018 U	0.0015 U	0.0015 U	0.0021 U	0.0016 U
trans-1,3-Dichloropropene	0.0019 U	0.0021 U	0.0018 U	0.0018 U	0.0015 U	0.0015 U	0.0021 U	0.0016 U
Trichloroethene	0.0019 U	0.0021 U	0.0018 U	0.0018 U	0.0015 U	0.0015 U	0.0021 U	0.0016 U
Vinyl Chloride	0.0019 U	0.0021 U	0.0018 U	0.0018 U	0.0015 U	0.0015 U	0.0021 U	0.0016 U
Xylene (Total)	0.0037 U	0.0042 U	0.0037 U	0.0036 U	0.0029 U	0.0031 U	0.0042 U	0.0032 U

Table D-1
Summary of VOCs - Soil
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-44	ROW-45	ROW-46	ROW-47	ROW-48	ROW-49	ROW-50	ROW-51
Sample Date	5/27/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021
Field Sample ID	ROW-44(0-2)-052721	ROW-45(0-2)-052621	ROW-46(0-2)-052721	ROW-47(0-2)-052621	ROW-48(0-2)-052721	ROW-49(0-2)-052621	ROW-50(0-2)-052721	ROW-51(0-2)-052621
DeliveryGroup	500-199832-1	500-199753-1	500-199832-1	500-199753-1	500-199832-1	500-199753-1	500-199832-1	500-199753-1
LocationCode	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1
VOCs (mg/kg)								
1,1,1-Trichloroethane	0.0015 U	0.0018 U	0.0019 U	0.002 U	0.0022 U	0.002 U	0.0016 U	0.0016 U
1,1,2,2-Tetrachloroethane	0.0015 U	0.0018 U	0.0019 U	0.002 U	0.0022 U	0.002 U	0.0016 U	0.0016 U
1,1,2-Trichloroethane	0.0015 U	0.0018 U	0.0019 U	0.002 U	0.0022 U	0.002 U	0.0016 U	0.0016 U
1,1-Dichloroethane	0.0015 U	0.0018 U	0.0019 U	0.002 U	0.0022 U	0.002 U	0.0016 U	0.0016 U
1,1-Dichloroethene	0.0015 U	0.0018 U	0.0019 U	0.002 U	0.0022 U	0.002 U	0.0016 U	0.0016 U
1,2-Dichloroethane	0.0037 U	0.0046 U	0.0048 U	0.005 U	0.0055 U	0.0049 U	0.0041 U	0.004 U
1,2-Dichloropropane	0.0015 U	0.0018 U	0.0019 U	0.002 U	0.0022 U	0.002 U	0.0016 U	0.0016 U
1,3-Dichloropropene, Total	0.0015 U	0.0018 U	0.0019 U	0.002 U	0.0022 U	0.002 U	0.0016 U	0.0016 U
2-Hexanone	0.0037 U	0.0046 U	0.0048 U	0.005 U	0.0055 U	0.0049 U	0.0041 U	0.004 U
4-Methyl-2-pentanone	0.0037 U	0.0046 U	0.0048 U	0.005 U	0.0055 U	0.0049 U	0.0041 U	0.004 U
Acetone	0.015 U	0.018 U	0.019 U	0.02 U	0.022 U	0.02 U	0.016 U	0.016 U
Benzene	0.0015 U	0.0018 U	0.0019 U	0.002 U	0.0022 U	0.002 U	0.0016 U	0.0016 U
Bromodichloromethane	0.0015 U	0.0018 U	0.0019 U	0.002 U	0.0022 U	0.002 U	0.0016 U	0.0016 U
Bromoform	0.0015 U	0.0018 U	0.0019 U	0.002 U	0.0022 U	0.002 U	0.0016 U	0.0016 U
Bromomethane	0.0037 U	0.0046 U	0.0048 U	0.005 U	0.0055 U	0.0049 U	0.0041 U	0.004 U
Carbon disulfide	0.0037 U	0.0046 U	0.0048 U	0.005 U	0.0055 U	0.0049 U	0.0041 U	0.004 U
Carbon tetrachloride	0.0015 U	0.0018 U	0.0019 U	0.002 U	0.0022 U	0.002 U	0.0016 U	0.0016 U
Chlorobenzene	0.0015 U	0.0018 U	0.0019 U	0.002 U	0.0022 U	0.002 U	0.0016 U	0.0016 U
Chloroethane	0.0037 U	0.0046 U	0.0048 U	0.005 U	0.0055 U	0.0049 U	0.0041 U	0.004 U
Chloroform	0.0015 U	0.0018 U	0.0019 U	0.002 U	0.0022 U	0.002 U	0.0016 U	0.0016 U
Chloromethane	0.0037 U	0.0046 U	0.0048 U	0.005 U	0.0055 U	0.0049 U	0.0041 U	0.004 U
cis-1,2-Dichloroethene	0.0015 U	0.0018 U	0.0019 U	0.002 U	0.0022 U	0.002 U	0.0016 U	0.0016 U
cis-1,3-Dichloropropene	0.0015 U	0.0018 U	0.0019 U	0.002 U	0.0022 U	0.002 U	0.0016 U	0.0016 U
Dibromochloromethane	0.0015 U	0.0018 U	0.0019 U	0.002 U	0.0022 U	0.002 U	0.0016 U	0.0016 U
Ethylbenzene	0.0015 U	0.0018 U	0.0019 U	0.002 U	0.0022 U	0.002 U	0.0016 U	0.0016 U
Methyl ethyl ketone	0.0037 U	0.0046 U	0.0048 U	0.005 U	0.0055 U	0.0049 U	0.0041 U	0.004 U
Methyl tert-butyl ether	0.0015 U	0.0018 U	0.0019 U	0.002 U	0.0022 U	0.002 U	0.0016 U	0.0016 U
Methylene chloride	0.0037 U	0.0046 U	0.0048 U	0.005 U	0.0055 U	0.0049 U	0.0041 U	0.004 U
Styrene	0.0015 U	0.0018 U	0.0019 U	0.002 U	0.0022 U	0.002 U	0.0016 U	0.0016 U
Tetrachloroethene	0.0015 U	0.0018 U	0.0019 U	0.002 U	0.0022 U	0.002 U	0.0016 U	0.0016 U
Toluene	0.0015 U	0.0018 U	0.0019 U	0.002 U	0.0022 U	0.002 U	0.0016 U	0.0016 U
trans-1,2-Dichloroethene	0.0015 U	0.0018 U	0.0019 U	0.002 U	0.0022 U	0.002 U	0.0016 U	0.0016 U
trans-1,3-Dichloropropene	0.0015 U	0.0018 U	0.0019 U	0.002 U	0.0022 U	0.002 U	0.0016 U	0.0016 U
Trichloroethene	0.0015 U	0.0018 U	0.0019 U	0.002 U	0.0022 U	0.002 U	0.0016 U	0.0016 U
Vinyl Chloride	0.0015 U	0.0018 U	0.0019 U	0.002 U	0.0022 U	0.002 U	0.0016 U	0.0016 U
Xylene (Total)	0.003 U	0.0037 U	0.0039 U	0.004 U	0.0044 U	0.0039 U	0.0033 U	0.0032 U

Table D-1
Summary of VOCs - Soil
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-52	ROW-53	ROW-54	ROW-55	ROW-56	ROW-57	ROW-58	ROW-58
Sample Date	5/27/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/27/2021
Field Sample ID	ROW-52(0-2)-052721	ROW-53(0-2)-052621	ROW-54(0-2)-052721	ROW-55(0-2)-052621	ROW-56(0-2)-052721	ROW-57(0-2)-052621	ROW-58(0-2)-052721D	ROW-58(0-2)-052721
DeliveryGroup	500-199832-1	500-199753-1	500-199832-1	500-199753-1	500-199832-1	500-199753-1	500-199832-1	500-199832-1
LocationCode	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1
VOCs (mg/kg)								
1,1,1-Trichloroethane	0.0021 U	0.0017 U	0.002 U	0.0019 U	0.0021 U	0.0018 U	0.0017 U	0.0024 U
1,1,2,2-Tetrachloroethane	0.0021 U	0.0017 U	0.002 U	0.0019 U	0.0021 U	0.0018 U	0.0017 U	0.0024 U
1,1,2-Trichloroethane	0.0021 U	0.0017 U	0.002 U	0.0019 U	0.0021 U	0.0018 U	0.0017 U	0.0024 U
1,1-Dichloroethane	0.0021 U	0.0017 U	0.002 U	0.0019 U	0.0021 U	0.0018 U	0.0017 U	0.0024 U
1,1-Dichloroethene	0.0021 U	0.0017 U	0.002 U	0.0019 U	0.0021 U	0.0018 U	0.0017 U	0.0024 U
1,2-Dichloroethane	0.0052 U	0.0042 U	0.0051 U	0.0048 U	0.0054 U	0.0046 U	0.0043 U	0.006 U
1,2-Dichloropropane	0.0021 U	0.0017 U	0.002 U	0.0019 U	0.0021 U	0.0018 U	0.0017 U	0.0024 U
1,3-Dichloropropene, Total	0.0021 U	0.0017 U	0.002 U	0.0019 U	0.0021 U	0.0018 U	0.0017 U	0.0024 U
2-Hexanone	0.0052 U	0.0042 U	0.0051 U	0.0048 U	0.0054 U	0.0046 U	0.0043 U	0.006 U
4-Methyl-2-pentanone	0.0052 U	0.0042 U	0.0051 U	0.0048 U	0.0054 U	0.0046 U	0.0043 U	0.006 U
Acetone	0.021 U	0.017 U	0.02 U	0.019 U	0.021 U	0.018 U	0.017 U	0.024 U
Benzene	0.0021 U	0.0017 U	0.002 U	0.0019 U	0.0021 U	0.0018 U	0.0017 U	0.0024 U
Bromodichloromethane	0.0021 U	0.0017 U	0.002 U	0.0019 U	0.0021 U	0.0018 U	0.0017 U	0.0024 U
Bromoform	0.0021 U	0.0017 U	0.002 U	0.0019 U	0.0021 U	0.0018 U	0.0017 U	0.0024 U
Bromomethane	0.0052 U	0.0042 U	0.0051 U	0.0048 U	0.0054 U	0.0046 U	0.0043 U	0.006 U
Carbon disulfide	0.0052 U	0.0042 U	0.0051 U	0.0048 U	0.0054 U	0.0046 U	0.0043 U	0.006 U
Carbon tetrachloride	0.0021 U	0.0017 U	0.002 U	0.0019 U	0.0021 U	0.0018 U	0.0017 U	0.0024 U
Chlorobenzene	0.0021 U	0.0017 U	0.002 U	0.0019 U	0.0021 U	0.0018 U	0.0017 U	0.0024 U
Chloroethane	0.0052 U	0.0042 U	0.0051 U	0.0048 U	0.0054 U	0.0046 U	0.0043 U	0.006 U
Chloroform	0.0021 U	0.0017 U	0.002 U	0.0019 U	0.0021 U	0.0018 U	0.0017 U	0.0024 U
Chloromethane	0.0052 U	0.0042 U	0.0051 U	0.0048 U	0.0054 U	0.0046 U	0.0043 U	0.006 U
cis-1,2-Dichloroethene	0.0021 U	0.0017 U	0.002 U	0.0019 U	0.0021 U	0.0018 U	0.0017 U	0.0024 U
cis-1,3-Dichloropropene	0.0021 U	0.0017 U	0.002 U	0.0019 U	0.0021 U	0.0018 U	0.0017 U	0.0024 U
Dibromochloromethane	0.0021 U	0.0017 U	0.002 U	0.0019 U	0.0021 U	0.0018 U	0.0017 U	0.0024 U
Ethylbenzene	0.0021 U	0.0017 U	0.002 U	0.0019 U	0.0021 U	0.0018 U	0.0017 U	0.0024 U
Methyl ethyl ketone	0.0052 U	0.0042 U	0.0051 U	0.0048 U	0.0054 U	0.0046 U	0.0043 U	0.006 U
Methyl tert-butyl ether	0.0021 U	0.0017 U	0.002 U	0.0019 U	0.0021 U	0.0018 U	0.0017 U	0.0024 U
Methylene chloride	0.0052 U	0.0042 U	0.0051 U	0.0048 U	0.0054 U	0.0046 U	0.0043 U	0.006 U
Styrene	0.0021 U	0.0017 U	0.002 U	0.0019 U	0.0021 U	0.0018 U	0.0017 U	0.0024 U
Tetrachloroethene	0.0021 U	0.0017 U	0.002 U	0.0019 U	0.0021 U	0.0018 U	0.0017 U	0.0024 U
Toluene	0.0021 U	0.0017 U	0.002 U	0.0019 U	0.0021 U	0.0018 U	0.0017 U	0.0024 U
trans-1,2-Dichloroethene	0.0021 U	0.0017 U	0.002 U	0.0019 U	0.0021 U	0.0018 U	0.0017 U	0.0024 U
trans-1,3-Dichloropropene	0.0021 U	0.0017 U	0.002 U	0.0019 U	0.0021 U	0.0018 U	0.0017 U	0.0024 U
Trichloroethene	0.0021 U	0.0017 U	0.002 U	0.0019 U	0.0021 U	0.0018 U	0.0017 U	0.0024 U
Vinyl Chloride	0.0021 U	0.0017 U	0.002 U	0.0019 U	0.0021 U	0.0018 U	0.0017 U	0.0024 U
Xylene (Total)	0.0042 U	0.0034 U	0.0041 U	0.0039 U	0.0043 U	0.0037 U	0.0034 U	0.0048 U

Table D-2
Summary of SVOCs - Soil
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-1	ROW-2	ROW-2	ROW-3	ROW-4
Sample Date	5/26/2021	5/27/2021	5/27/2021	5/26/2021	5/27/2021
Field Sample ID	ROW-1(0-2)-052621	ROW-2(0-2)-052721D	ROW-2(0-2)-052721	ROW-3(0-2)-052621	ROW-4(0-2)-052721
DeliveryGroup	500-199752-1	500-199833-1	500-199833-1	500-199752-1	500-199833-1
LocationCode	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1
SVOCs (mg/kg)					
1,2,4-Trichlorobenzene	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U
1,2-Dichlorobenzene	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U
1,3-Dichlorobenzene	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U
1,4-Dichlorobenzene	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U
2,2-oxybis[1-chloropropane]	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U
2,4,5-Trichlorophenol	0.37 U	0.39 U	0.39 U	0.37 U	0.36 U
2,4,6-Trichlorophenol	0.37 U	0.39 U	0.39 U	0.37 U	0.36 U
2,4-Dichlorophenol	0.37 U	0.39 U	0.39 U	0.37 U	0.36 U
2,4-Dimethylphenol	0.37 U	0.39 U	0.39 U	0.37 U	0.36 U
2,4-Dinitrophenol	0.75 R	0.79 U	0.8 U	0.74 U	0.72 U
2,4-Dinitrotoluene	0.19 UJ	0.2 U	0.2 U	0.19 U	0.18 U
2,6-Dinitrotoluene	0.19 UJ	0.2 U	0.2 U	0.19 U	0.18 U
2-Chloronaphthalene	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U
2-Chlorophenol	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U
2-Methylnaphthalene	0.013 J	0.079 U	0.08 U	0.074 U	0.072 U
2-Methylphenol	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U
2-Nitroaniline	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U
2-Nitrophenol	0.37 UJ	0.39 U	0.39 U	0.37 U	0.36 U
3 & 4 Methylphenol	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U
3,3-Dichlorobenzidine	0.19 UJ	0.2 U	0.2 U	0.19 U	0.18 UJ
3-Nitroaniline	0.37 U	0.39 U	0.39 U	0.37 U	0.36 U
4,6-Dinitro-2-methylphenol	0.75 R	0.79 U	0.8 U	0.74 U	0.72 U
4-Bromophenyl-phenylether	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U
4-Chloro-3-methylphenol	0.37 U	0.39 U	0.39 U	0.37 U	0.36 U
4-Chloroaniline	0.75 UJ	0.79 U	0.8 U	0.74 U	0.72 U
4-Chlorophenyl-phenylether	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U
4-Nitroaniline	0.37 UJ	0.39 U	0.39 U	0.37 U	0.36 U
4-Nitrophenol	0.75 U	0.79 U	0.8 U	0.74 U	0.72 U
Acenaphthene	0.03 J	0.039 U	0.039 U	0.01 J	0.036 U
Acenaphthylene	0.0071 J	0.0092 J	0.014 J	0.0098 J	0.01 J
Anthracene	0.099	0.035 J	0.018 J	0.055	0.012 J
Benzo(a)anthracene	0.37 J	0.12	0.11	0.15	0.079 J
Benzo(a)pyrene	0.43 J	0.15	0.15 J	0.21 J	0.11 J
Benzo(b)fluoranthene	0.72 J	0.21	0.24 J	0.36 J	0.18 J
Benzo(g,h,i)perylene	0.13 J	0.05	0.05 J	0.085 J	0.036 UJ
Benzo(k)fluoranthene	0.3 J	0.079	0.073 J	0.14 J	0.066 J
bis(2-Chloroethoxy)methane	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U
bis(2-Chloroethyl)ether	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U
bis(2-Ethylhexyl)phthalate	0.074 J	0.2 U	0.2 U	0.47	0.074 J
Butyl benzyl phthalate	0.36 J	0.2 U	0.2 U	26	0.18 UJ
Carbazole	0.18 J	0.2 U	0.2 U	0.15 J	0.18 U
Chrysene	0.43 J	0.13	0.13	0.18	0.11 J
Dibenzo(a,h)anthracene	0.045 J	0.039 U	0.039 UJ	0.023 J	0.036 UJ
Dibenzofuran	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U
Diethylphthalate	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U
Dimethyl phthalate	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U
Di-N-Butyl phthalate	0.19 U	0.2 U	0.2 U	0.084 J	0.18 U
Di-N-Octyl phthalate	0.19 UJ	0.2 U	0.2 U	0.19 U	0.18 U
Fluoranthene	0.82 J	0.24	0.16	0.27	0.13
Fluorene	0.054	0.012 J	0.039 U	0.036 J	0.036 U
Hexachlorobenzene	0.075 U	0.079 U	0.08 U	0.074 U	0.072 U
Hexachlorobutadiene	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U
Hexachlorocyclopentadiene	0.75 R	0.79 U	0.8 U	0.74 U	0.72 U
Hexachloroethane	0.19 UJ	0.2 U	0.2 U	0.19 U	0.18 U
Indeno(1,2,3-cd)pyrene	0.12 J	0.039	0.048 J	0.066 J	0.052 J
Isophorone	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U
Naphthalene	0.017 J	0.039 U	0.039 U	0.037 U	0.036 U
Nitrobenzene	0.037 U	0.039 U	0.039 U	0.037 U	0.036 U
N-Nitroso-di-N-propylamine	0.075 U	0.079 U	0.08 U	0.074 U	0.072 U
N-Nitrosodiphenylamine	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U
Pentachlorophenol	0.75 UJ	0.79 U	0.8 U	0.74 UJ	0.72 U
Phenanthrene	0.43	0.14 J	0.053 J	0.14	0.054
Phenol	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U
Pyrene	1.2 J	0.25	0.24	0.45	0.24 J

Table D-2
Summary of SVOCs - Soil
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-5	ROW-6	ROW-7	ROW-8	ROW-9
Sample Date	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021
Field Sample ID	ROW-5(0-2)-052621	ROW-6(0-2)-052721	ROW-7(0-2)-052621	ROW-8(0-2)-052721	ROW-9(0-2)-052621
DeliveryGroup	500-199752-1	500-199833-1	500-199752-1	500-199833-1	500-199752-1
LocationCode	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1
SVOCs (mg/kg)					
1,2,4-Trichlorobenzene	0.19 U	0.2 U	0.19 U	0.21 U	0.2 U
1,2-Dichlorobenzene	0.19 U	0.2 U	0.19 U	0.21 U	0.2 U
1,3-Dichlorobenzene	0.19 U	0.2 U	0.19 U	0.21 U	0.2 U
1,4-Dichlorobenzene	0.19 U	0.2 U	0.19 U	0.21 U	0.2 U
2,2-oxybis[1-chloropropane]	0.19 U	0.2 U	0.19 U	0.21 U	0.2 U
2,4,5-Trichlorophenol	0.38 U	0.4 U	0.38 U	0.41 U	0.39 U
2,4,6-Trichlorophenol	0.38 U	0.4 U	0.38 U	0.41 U	0.39 U
2,4-Dichlorophenol	0.38 U	0.4 U	0.38 U	0.41 U	0.39 U
2,4-Dimethylphenol	0.38 U	0.4 U	0.38 U	0.41 U	0.39 U
2,4-Dinitrophenol	0.78 U	0.8 U	0.77 U	0.83 U	0.79 U
2,4-Dinitrotoluene	0.19 U	0.2 U	0.19 U	0.21 U	0.2 U
2,6-Dinitrotoluene	0.19 U	0.2 U	0.19 U	0.21 U	0.2 U
2-Chloronaphthalene	0.19 U	0.2 U	0.19 U	0.21 U	0.2 U
2-Chlorophenol	0.19 U	0.2 U	0.19 U	0.21 U	0.2 U
2-Methylnaphthalene	0.078 U	0.08 U	0.077 U	0.083 U	0.079 U
2-Methylphenol	0.19 U	0.2 U	0.19 U	0.21 U	0.2 U
2-Nitroaniline	0.19 U	0.2 U	0.19 U	0.21 U	0.2 U
2-Nitrophenol	0.38 U	0.4 U	0.38 U	0.41 U	0.39 U
3 & 4 Methylphenol	0.19 U	0.2 U	0.19 U	0.21 U	0.2 U
3,3-Dichlorobenzidine	0.19 U	0.2 U	0.19 U	0.21 U	0.2 U
3-Nitroaniline	0.38 U	0.4 U	0.38 U	0.41 U	0.39 U
4,6-Dinitro-2-methylphenol	0.78 U	0.8 U	0.77 U	0.83 U	0.79 U
4-Bromophenyl-phenylether	0.19 U	0.2 U	0.19 U	0.21 U	0.2 U
4-Chloro-3-methylphenol	0.38 U	0.4 U	0.38 U	0.41 U	0.39 U
4-Chloroaniline	0.78 U	0.8 U	0.77 U	0.83 U	0.79 U
4-Chlorophenyl-phenylether	0.19 U	0.2 U	0.19 U	0.21 U	0.2 U
4-Nitroaniline	0.38 U	0.4 U	0.38 U	0.41 U	0.39 U
4-Nitrophenol	0.78 U	0.8 U	0.77 U	0.83 U	0.79 U
Acenaphthene	0.038 U	0.04 U	0.014 J	0.041 U	0.039 U
Acenaphthylene	0.038 U	0.0057 J	0.038 U	0.0065 J	0.039 U
Anthracene	0.034 J	0.04 U	0.06	0.041 U	0.046
Benzo(a)anthracene	0.024 J	0.027 J	0.11	0.035 J	0.14
Benzo(a)pyrene	0.03 J	0.041	0.15	0.054	0.24
Benzo(b)fluoranthene	0.047	0.053	0.23	0.071	0.42
Benzo(g,h,i)perylene	0.047	0.029 J	0.062	0.041 U	0.08
Benzo(k)fluoranthene	0.015 J	0.029 J	0.091	0.037 J	0.13
bis(2-Chloroethoxy)methane	0.19 U	0.2 U	0.19 U	0.21 U	0.2 U
bis(2-Chloroethyl)ether	0.19 U	0.2 U	0.19 U	0.21 U	0.2 U
bis(2-Ethylhexyl)phthalate	0.19 U	0.2 U	0.19 U	0.21 U	0.2 U
Butyl benzyl phthalate	0.19 U	0.2 U	0.19 U	0.21 U	0.2 U
Carbazole	0.15 J	0.2 U	0.15 J	0.21 U	0.16 J
Chrysene	0.035 J	0.039 J	0.12	0.039 J	0.2
Dibenzo(a,h)anthracene	0.0077 J	0.04 U	0.013 J	0.041 U	0.022 J
Dibenzofuran	0.19 U	0.2 U	0.19 U	0.21 U	0.2 U
Diethylphthalate	0.19 U	0.2 U	0.19 U	0.21 U	0.2 U
Dimethyl phthalate	0.19 U	0.2 U	0.19 U	0.21 U	0.2 U
Di-N-Butyl phthalate	0.19 U	0.2 U	0.19 U	0.21 U	0.2 U
Di-N-Octyl phthalate	0.19 U	0.2 U	0.19 U	0.21 U	0.2 U
Fluoranthene	0.073	0.036 J	0.25	0.037 J	0.31
Fluorene	0.038 U	0.04 U	0.039	0.041 U	0.035 J
Hexachlorobenzene	0.078 U	0.08 U	0.077 U	0.083 U	0.079 U
Hexachlorobutadiene	0.19 U	0.2 U	0.19 U	0.21 U	0.2 U
Hexachlorocyclopentadiene	0.78 U	0.8 U	0.77 U	0.83 U	0.79 U
Hexachloroethane	0.19 U	0.2 U	0.19 U	0.21 U	0.2 U
Indeno(1,2,3-cd)pyrene	0.018 J	0.018 J	0.045	0.041 U	0.058
Isophorone	0.19 U	0.2 U	0.19 U	0.21 U	0.2 U
Naphthalene	0.038 U	0.04 U	0.038 U	0.041 U	0.039 U
Nitrobenzene	0.038 U	0.04 U	0.038 U	0.041 U	0.039 U
N-Nitroso-di-N-propylamine	0.078 U	0.08 U	0.077 U	0.083 U	0.079 U
N-Nitrosodiphenylamine	0.19 U	0.2 U	0.19 U	0.21 U	0.2 U
Pentachlorophenol	0.78 UJ	0.8 U	0.77 UJ	0.83 U	0.79 UJ
Phenanthrene	0.055	0.015 J	0.17	0.012 J	0.11
Phenol	0.19 U	0.2 U	0.19 U	0.21 U	0.2 U
Pyrene	0.047	0.043	0.22	0.048	0.33

Table D-2
Summary of SVOCs - Soil
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-10	ROW-11	ROW-12	ROW-13	ROW-14
Sample Date	5/27/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021
Field Sample ID	ROW-10(0-2)-052721	ROW-11(0-2)-052621	ROW-12(0-2)-052721	ROW-13(0-2)-052621	ROW-14(0-2)-052721
DeliveryGroup	500-199833-1	500-199752-1	500-199833-1	500-199752-1	500-199833-1
LocationCode	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1
SVOCs (mg/kg)					
1,2,4-Trichlorobenzene	0.19 U	0.19 U	0.18 U	0.19 U	0.18 U
1,2-Dichlorobenzene	0.19 U	0.19 U	0.18 U	0.19 U	0.18 U
1,3-Dichlorobenzene	0.19 U	0.19 U	0.18 U	0.19 U	0.18 U
1,4-Dichlorobenzene	0.19 U	0.19 U	0.18 U	0.19 U	0.18 U
2,2-oxybis[1-chloropropane]	0.19 U	0.19 U	0.18 U	0.19 U	0.18 U
2,4,5-Trichlorophenol	0.38 U	0.13 J	0.35 U	0.38 U	0.36 U
2,4,6-Trichlorophenol	0.38 U	0.37 U	0.35 U	0.38 U	0.36 U
2,4-Dichlorophenol	0.38 U	0.37 U	0.35 U	0.38 U	0.36 U
2,4-Dimethylphenol	0.38 U	0.37 U	0.35 U	0.38 U	0.36 U
2,4-Dinitrophenol	0.78 U	0.75 U	0.72 R	0.77 U	0.74 U
2,4-Dinitrotoluene	0.19 U	0.19 U	0.18 UJ	0.19 U	0.18 U
2,6-Dinitrotoluene	0.19 U	0.19 U	0.18 UJ	0.19 U	0.18 U
2-Chloronaphthalene	0.19 U	0.19 U	0.18 U	0.19 U	0.18 U
2-Chlorophenol	0.19 U	0.19 U	0.18 U	0.19 U	0.18 U
2-Methylnaphthalene	0.016 J	0.075 U	0.013 J	0.077 U	0.074 U
2-Methylphenol	0.19 U	0.19 U	0.18 U	0.19 U	0.18 U
2-Nitroaniline	0.19 U	0.19 U	0.18 U	0.19 U	0.18 U
2-Nitrophenol	0.38 U	0.37 U	0.35 UJ	0.38 U	0.36 U
3 & 4 Methylphenol	0.19 U	0.19 U	0.18 U	0.19 U	0.18 U
3,3-Dichlorobenzidine	0.19 U	0.19 U	0.18 R	0.19 U	0.18 UJ
3-Nitroaniline	0.38 U	0.37 U	0.35 U	0.38 U	0.36 U
4,6-Dinitro-2-methylphenol	0.78 U	0.75 U	0.72 R	0.77 U	0.74 U
4-Bromophenyl-phenylether	0.19 U	0.19 U	0.18 U	0.19 U	0.18 U
4-Chloro-3-methylphenol	0.38 U	0.37 U	0.35 U	0.38 U	0.36 U
4-Chloroaniline	0.78 U	0.75 U	0.72 UJ	0.77 U	0.74 U
4-Chlorophenyl-phenylether	0.19 U	0.19 U	0.18 U	0.19 U	0.18 U
4-Nitroaniline	0.38 U	0.37 U	0.35 UJ	0.38 U	0.36 U
4-Nitrophenol	0.78 U	0.75 U	0.72 U	0.77 U	0.74 U
Acenaphthene	0.0082 J	0.037 U	0.016 J	0.038 U	0.036 U
Acenaphthylene	0.075	0.0087 J	0.011 J	0.038 U	0.015 J
Anthracene	0.047	0.04	0.047	0.037 J	0.027 J
Benzo(a)anthracene	0.25	0.077	0.22 J	0.05	0.14 J
Benzo(a)pyrene	0.37 J	0.11	0.25 J	0.077	0.17 J
Benzo(b)fluoranthene	0.56 J	0.18	0.42 J	0.13	0.24 J
Benzo(g,h,i)perylene	0.13 J	0.051	0.27 J	0.051	0.036 UJ
Benzo(k)fluoranthene	0.21 J	0.054	0.19 J	0.048	0.094 J
bis(2-Chloroethoxy)methane	0.19 U	0.19 U	0.18 U	0.19 U	0.18 U
bis(2-Chloroethyl)ether	0.19 U	0.19 U	0.18 U	0.19 U	0.18 U
bis(2-Ethylhexyl)phthalate	0.1 J	0.19 U	0.44 J	0.19 U	0.15 J
Butyl benzyl phthalate	0.19 U	0.19 U	2.7 J	0.19 U	0.18 UJ
Carbazole	0.19 U	0.14 J	0.18 U	0.15 J	0.18 U
Chrysene	0.32	0.094	0.3 J	0.077	0.18 J
Dibenzo(a,h)anthracene	0.038 UJ	0.0098 J	0.035 UJ	0.01 J	0.036 UJ
Dibenzofuran	0.19 U	0.19 U	0.18 U	0.19 U	0.18 U
Diethylphthalate	0.19 U	0.19 U	0.18 U	0.19 U	0.18 U
Dimethyl phthalate	0.19 U	0.19 U	0.18 U	0.19 U	0.18 U
Di-N-Butyl phthalate	0.19 U	0.19 U	0.18 U	0.19 U	0.18 U
Di-N-Octyl phthalate	0.19 U	0.19 U	0.18 UJ	0.19 U	0.18 U
Fluoranthene	0.45	0.17	0.33 J	0.12	0.18
Fluorene	0.038 U	0.032 J	0.017 J	0.038 U	0.0096 J
Hexachlorobenzene	0.078 U	0.075 U	0.072 U	0.077 U	0.074 U
Hexachlorobutadiene	0.19 U	0.19 U	0.18 U	0.19 U	0.18 U
Hexachlorocyclopentadiene	0.78 U	0.75 U	0.72 R	0.77 U	0.74 U
Hexachloroethane	0.19 U	0.19 U	0.18 UJ	0.19 U	0.18 U
Indeno(1,2,3-cd)pyrene	0.11 J	0.027 J	0.035 UJ	0.027 J	0.036 UJ
Isophorone	0.19 U	0.19 U	0.18 U	0.19 U	0.18 U
Naphthalene	0.0074 J	0.037 U	0.013 J	0.038 U	0.036 U
Nitrobenzene	0.038 U	0.037 U	0.035 U	0.038 U	0.036 U
N-Nitroso-di-N-propylamine	0.078 U	0.075 U	0.072 U	0.077 U	0.074 U
N-Nitrosodiphenylamine	0.19 U	0.19 U	0.18 U	0.19 U	0.18 U
Pentachlorophenol	0.78 U	0.75 UJ	0.72 U	0.77 UJ	0.74 U
Phenanthrene	0.15	0.08	0.24	0.065	0.13
Phenol	0.19 U	0.19 U	0.18 U	0.19 U	0.18 U
Pyrene	0.65	0.14	0.89 J	0.079	0.49 J

Table D-2
Summary of SVOCs - Soil
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-15	ROW-16	ROW-17	ROW-18	ROW-18
Sample Date	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/27/2021
Field Sample ID	ROW-15(0-2)-052621	ROW-16(0-2)-052721	ROW-17(0-2)-052621	ROW-18(0-2)-052721D	ROW-18(0-2)-052721
DeliveryGroup	500-199752-1	500-199833-1	500-199752-1	500-199833-1	500-199833-1
LocationCode	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1
SVOCs (mg/kg)					
1,2,4-Trichlorobenzene	0.2 U	0.2 U	0.18 U	0.19 U	0.19 U
1,2-Dichlorobenzene	0.2 U	0.2 U	0.18 U	0.19 U	0.19 U
1,3-Dichlorobenzene	0.2 U	0.2 U	0.18 U	0.19 U	0.19 U
1,4-Dichlorobenzene	0.2 U	0.2 U	0.18 U	0.19 U	0.19 U
2,2-oxybis[1-chloropropane]	0.2 U	0.2 U	0.18 U	0.19 U	0.19 U
2,4,5-Trichlorophenol	0.39 U	0.39 U	0.36 U	0.38 U	0.37 U
2,4,6-Trichlorophenol	0.39 U	0.39 U	0.36 U	0.38 U	0.37 U
2,4-Dichlorophenol	0.39 U	0.39 U	0.36 U	0.38 U	0.37 U
2,4-Dimethylphenol	0.39 U	0.39 U	0.36 U	0.38 U	0.37 U
2,4-Dinitrophenol	0.79 U	0.79 U	0.73 U	0.77 U	0.75 U
2,4-Dinitrotoluene	0.2 U	0.2 U	0.18 U	0.19 U	0.19 U
2,6-Dinitrotoluene	0.2 U	0.2 U	0.18 U	0.19 U	0.19 U
2-Chloronaphthalene	0.2 U	0.2 U	0.18 U	0.19 U	0.19 U
2-Chlorophenol	0.2 U	0.2 U	0.18 U	0.19 U	0.19 U
2-Methylnaphthalene	0.079 U	0.079 U	0.073 U	0.021 J	0.023 J
2-Methylphenol	0.2 U	0.2 U	0.18 U	0.19 U	0.19 U
2-Nitroaniline	0.2 U	0.2 U	0.18 U	0.19 U	0.19 U
2-Nitrophenol	0.39 U	0.39 U	0.36 U	0.38 U	0.37 U
3 & 4 Methylphenol	0.2 U	0.2 U	0.18 U	0.19 U	0.19 U
3,3-Dichlorobenzidine	0.2 U	0.2 U	0.18 U	0.19 UJ	0.19 UJ
3-Nitroaniline	0.39 U	0.39 U	0.36 U	0.38 U	0.37 U
4,6-Dinitro-2-methylphenol	0.79 U	0.79 U	0.73 U	0.77 U	0.75 U
4-Bromophenyl-phenylether	0.2 U	0.2 U	0.18 U	0.19 U	0.19 U
4-Chloro-3-methylphenol	0.39 U	0.39 U	0.36 U	0.38 U	0.37 U
4-Chloroaniline	0.79 U	0.79 U	0.73 U	0.77 U	0.75 U
4-Chlorophenyl-phenylether	0.2 U	0.2 U	0.18 U	0.19 U	0.19 U
4-Nitroaniline	0.39 U	0.39 U	0.36 U	0.38 U	0.37 U
4-Nitrophenol	0.79 U	0.79 U	0.73 U	0.77 U	0.75 U
Acenaphthene	0.0084 J	0.039 U	0.0071 J	0.0098 J	0.017 J
Acenaphthylene	0.039 U	0.039 U	0.014 J	0.027 J	0.024 J
Anthracene	0.04	0.039 U	0.05	0.037 J	0.038
Benzo(a)anthracene	0.04	0.018 J	0.15	0.15 J	0.19 J
Benzo(a)pyrene	0.058	0.015 J	0.23 J	0.24 J	0.26 J
Benzo(b)fluoranthene	0.089	0.022 J	0.4 J	0.39 J	0.48 J
Benzo(g,h,i)perylene	0.044	0.039 U	0.093 J	0.2 J	0.23 J
Benzo(k)fluoranthene	0.031 J	0.039 U	0.15 J	0.096 J	0.18 J
bis(2-Chloroethoxy)methane	0.2 U	0.2 U	0.18 U	0.19 U	0.19 U
bis(2-Chloroethyl)ether	0.2 U	0.2 U	0.18 U	0.19 U	0.19 U
bis(2-Ethylhexyl)phthalate	0.2 U	0.2 U	0.18 U	0.27 J	0.21 J
Butyl benzyl phthalate	0.2 U	0.2 U	0.18 U	0.14 J	0.15 J
Carbazole	0.15 J	0.2 U	0.15 J	0.19 U	0.19 U
Chrysene	0.043	0.02 J	0.19	0.21 J	0.31 J
Dibenzo(a,h)anthracene	0.0081 J	0.039 U	0.025 J	0.038 UJ	0.037 UJ
Dibenzofuran	0.2 U	0.2 U	0.18 U	0.19 U	0.19 U
Diethylphthalate	0.2 U	0.2 U	0.18 U	0.19 U	0.19 U
Dimethyl phthalate	0.2 U	0.2 U	0.18 U	0.19 U	0.19 U
Di-N-Butyl phthalate	0.2 U	0.2 U	0.18 U	0.19 U	0.19 U
Di-N-Octyl phthalate	0.2 U	0.2 U	0.18 U	0.19 U	0.19 U
Fluoranthene	0.096	0.024 J	0.27	0.29	0.4
Fluorene	0.034 J	0.039 U	0.035 J	0.017 J	0.013 J
Hexachlorobenzene	0.079 U	0.079 U	0.073 U	0.077 U	0.075 U
Hexachlorobutadiene	0.2 U	0.2 U	0.18 U	0.19 U	0.19 U
Hexachlorocyclopentadiene	0.79 U	0.79 U	0.73 U	0.77 U	0.75 U
Hexachloroethane	0.2 U	0.2 U	0.18 U	0.19 U	0.19 U
Indeno(1,2,3-cd)pyrene	0.019 J	0.039 U	0.078 J	0.077 J	0.13 J
Isophorone	0.2 U	0.2 U	0.18 U	0.19 U	0.19 U
Naphthalene	0.039 U	0.039 U	0.036 U	0.014 J	0.015 J
Nitrobenzene	0.039 U	0.039 U	0.036 U	0.038 U	0.037 U
N-Nitroso-di-N-propylamine	0.079 U	0.079 U	0.073 U	0.077 U	0.075 U
N-Nitrosodiphenylamine	0.2 U	0.2 U	0.18 U	0.19 U	0.19 U
Pentachlorophenol	0.79 UJ	0.79 U	0.73 UJ	0.77 U	0.75 U
Phenanthrene	0.074	0.013 J	0.12	0.17	0.22
Phenol	0.2 U	0.2 U	0.18 U	0.19 U	0.19 U
Pyrene	0.063	0.026 J	0.49	0.71 J	1 J

Table D-2
Summary of SVOCs - Soil
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-19	ROW-19	ROW-20	ROW-21	ROW-22
Sample Date	5/26/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021
Field Sample ID	ROW-19(0-2)-052621D	ROW-19(0-2)-052621	ROW-20(0-2)-052721	ROW-21(0-2)-052621	ROW-22(0-2)-052721
DeliveryGroup	500-199752-1	500-199752-1	500-199833-1	500-199752-1	500-199833-1
LocationCode	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1
SVOCs (mg/kg)					
1,2,4-Trichlorobenzene	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U
1,2-Dichlorobenzene	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U
1,3-Dichlorobenzene	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U
1,4-Dichlorobenzene	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U
2,2-oxybis[1-chloropropane]	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U
2,4,5-Trichlorophenol	0.4 U	0.4 U	0.39 U	0.34 U	0.35 U
2,4,6-Trichlorophenol	0.4 U	0.4 U	0.39 U	0.34 U	0.35 U
2,4-Dichlorophenol	0.4 U	0.4 U	0.39 U	0.34 U	0.35 U
2,4-Dimethylphenol	0.4 U	0.4 U	0.39 U	0.34 U	0.35 U
2,4-Dinitrophenol	0.82 U	0.8 U	0.8 U	0.69 U	0.72 U
2,4-Dinitrotoluene	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U
2,6-Dinitrotoluene	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U
2-Chloronaphthalene	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U
2-Chlorophenol	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U
2-Methylnaphthalene	0.082 U	0.08 U	0.0083 J	0.069 U	0.016 J
2-Methylphenol	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U
2-Nitroaniline	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U
2-Nitrophenol	0.4 U	0.4 U	0.39 U	0.34 U	0.35 U
3 & 4 Methylphenol	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U
3,3-Dichlorobenzidine	0.2 U	0.2 U	0.2 U	0.17 U	0.18 UJ
3-Nitroaniline	0.4 U	0.4 U	0.39 U	0.34 U	0.35 U
4,6-Dinitro-2-methylphenol	0.82 U	0.8 U	0.8 U	0.69 U	0.72 U
4-Bromophenyl-phenylether	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U
4-Chloro-3-methylphenol	0.4 U	0.4 U	0.39 U	0.34 U	0.35 U
4-Chloroaniline	0.82 U	0.8 U	0.8 U	0.69 U	0.72 U
4-Chlorophenyl-phenylether	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U
4-Nitroaniline	0.4 U	0.4 U	0.39 U	0.34 U	0.35 U
4-Nitrophenol	0.82 U	0.8 U	0.8 U	0.69 U	0.72 U
Acenaphthene	0.04 U	0.04 U	0.039 U	0.034 U	0.0082 J
Acenaphthylene	0.04 U	0.04 U	0.039 U	0.034 U	0.019 J
Anthracene	0.034 J	0.036 J	0.039 U	0.037	0.025 J
Benzo(a)anthracene	0.014 J	0.033 J	0.039 U	0.09	0.15 J
Benzo(a)pyrene	0.02 J	0.042	0.0087 J	0.14 J	0.23 J
Benzo(b)fluoranthene	0.028 J	0.062	0.012 J	0.24 J	0.34 J
Benzo(g,h,i)perylene	0.04	0.044	0.039 U	0.06 J	0.035 UJ
Benzo(k)fluoranthene	0.04 U	0.022 J	0.039 U	0.088 J	0.13 J
bis(2-Chloroethoxy)methane	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U
bis(2-Chloroethyl)ether	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U
bis(2-Ethylhexyl)phthalate	0.2 U	0.2 U	0.2 U	0.17 U	0.16 J
Butyl benzyl phthalate	0.2 U	0.2 U	0.2 U	0.17 U	0.18 UJ
Carbazole	0.15 J	0.15 J	0.2 U	0.14 J	0.18 U
Chrysene	0.014 J	0.036 J	0.039 U	0.1	0.25 J
Dibenzo(a,h)anthracene	0.04 U	0.008 J	0.039 U	0.016 J	0.035 UJ
Dibenzofuran	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U
Diethylphthalate	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U
Dimethyl phthalate	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U
Di-N-Butyl phthalate	0.2 U	0.2 U	0.2 U	0.17 U	0.1 J
Di-N-Octyl phthalate	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U
Fluoranthene	0.056	0.078	0.016 J	0.18	0.2
Fluorene	0.04 U	0.032 J	0.039 U	0.029 J	0.0055 J
Hexachlorobenzene	0.082 U	0.08 U	0.08 U	0.069 U	0.072 U
Hexachlorobutadiene	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U
Hexachlorocyclopentadiene	0.82 U	0.8 U	0.8 U	0.69 U	0.72 U
Hexachloroethane	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U
Indeno(1,2,3-cd)pyrene	0.04 U	0.017 J	0.039 U	0.04 J	0.035 UJ
Isophorone	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U
Naphthalene	0.04 U	0.04 U	0.039 U	0.034 U	0.015 J
Nitrobenzene	0.04 U	0.04 U	0.039 U	0.034 U	0.035 U
N-Nitroso-di-N-propylamine	0.082 U	0.08 U	0.08 U	0.069 U	0.072 U
N-Nitrosodiphenylamine	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U
Pentachlorophenol	0.82 UJ	0.8 UJ	0.8 U	0.69 UJ	0.72 U
Phenanthrene	0.043	0.049	0.018 J	0.081	0.12
Phenol	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U
Pyrene	0.02 J	0.047	0.034 J	0.24	0.59 J

Table D-2
Summary of SVOCs - Soil
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-23	ROW-24	ROW-25	ROW-26	ROW-27
Sample Date	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021
Field Sample ID	ROW-23(0-2)-052621	ROW-24(0-2)-052721	ROW-25(0-2)-052621	ROW-26(0-2)-052721	ROW-27(0-2)-052621
DeliveryGroup	500-199752-1	500-199832-1	500-199752-1	500-199832-1	500-199752-1
LocationCode	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1
SVOCs (mg/kg)					
1,2,4-Trichlorobenzene	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
1,2-Dichlorobenzene	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
1,3-Dichlorobenzene	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
1,4-Dichlorobenzene	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
2,2-oxybis[1-chloropropane]	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
2,4,5-Trichlorophenol	0.39 U	0.39 U	0.38 U	0.38 U	0.37 U
2,4,6-Trichlorophenol	0.39 U	0.39 U	0.38 U	0.38 U	0.37 U
2,4-Dichlorophenol	0.39 U	0.39 U	0.38 U	0.38 U	0.37 U
2,4-Dimethylphenol	0.39 U	0.39 U	0.38 U	0.38 U	0.37 U
2,4-Dinitrophenol	0.8 U	0.78 U	0.77 U	0.78 U	0.75 U
2,4-Dinitrotoluene	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
2,6-Dinitrotoluene	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
2-Chloronaphthalene	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
2-Chlorophenol	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
2-Methylnaphthalene	0.08 U	0.078 U	0.077 U	0.078 U	0.075 U
2-Methylphenol	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
2-Nitroaniline	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
2-Nitrophenol	0.39 U	0.39 U	0.38 U	0.38 U	0.37 U
3 & 4 Methylphenol	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
3,3-Dichlorobenzidine	0.2 U	0.2 UJ	0.19 U	0.19 U	0.19 U
3-Nitroaniline	0.39 U	0.39 U	0.38 U	0.38 U	0.37 U
4,6-Dinitro-2-methylphenol	0.8 U	0.78 U	0.77 U	0.78 U	0.75 U
4-Bromophenyl-phenylether	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
4-Chloro-3-methylphenol	0.39 U	0.39 U	0.38 U	0.38 U	0.37 U
4-Chloroaniline	0.8 U	0.78 U	0.77 U	0.78 U	0.75 U
4-Chlorophenyl-phenylether	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
4-Nitroaniline	0.39 U	0.39 U	0.38 U	0.38 U	0.37 U
4-Nitrophenol	0.8 U	0.78 U	0.77 U	0.78 U	0.75 U
Acenaphthene	0.0092 J	0.01 J	0.038 U	0.038 U	0.037 U
Acenaphthylene	0.039 U	0.0063 J	0.038 U	0.038 U	0.037 U
Anthracene	0.051	0.023 J	0.038	0.0087 J	0.036 J
Benzo(a)anthracene	0.093	0.13 J	0.055	0.039	0.088
Benzo(a)pyrene	0.14	0.15 J	0.086 J	0.06 J	0.16 J
Benzo(b)fluoranthene	0.24	0.23 J	0.15 J	0.11 J	0.28 J
Benzo(g,h,i)perylene	0.056	0.088 J	0.048 J	0.036 J	0.062 J
Benzo(k)fluoranthene	0.079	0.12 J	0.053 J	0.033 J	0.087 J
bis(2-Chloroethoxy)methane	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
bis(2-Chloroethyl)ether	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
bis(2-Ethylhexyl)phthalate	0.2 U	0.2 UJ	0.19 U	0.19 U	0.19 U
Butyl benzyl phthalate	0.2 U	0.2 UJ	0.19 U	0.19 U	0.19 U
Carbazole	0.17 J	0.2 U	0.15 J	0.19 U	0.15 J
Chrysene	0.13	0.15 J	0.066	0.055	0.11
Dibenzo(a,h)anthracene	0.014 J	0.039 UJ	0.038 UJ	0.038 UJ	0.017 J
Dibenzofuran	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
Diethylphthalate	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
Dimethyl phthalate	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
Di-N-Butyl phthalate	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
Di-N-Octyl phthalate	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
Fluoranthene	0.3	0.19	0.12	0.064	0.16
Fluorene	0.039	0.0077 J	0.032 J	0.038 U	0.031 J
Hexachlorobenzene	0.08 U	0.078 U	0.077 U	0.078 U	0.075 U
Hexachlorobutadiene	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
Hexachlorocyclopentadiene	0.8 U	0.78 U	0.77 U	0.78 U	0.75 U
Hexachloroethane	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
Indeno(1,2,3-cd)pyrene	0.035 J	0.09 J	0.025 J	0.024 J	0.046 J
Isophorone	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
Naphthalene	0.039 U	0.0074 J	0.038 U	0.038 U	0.037 U
Nitrobenzene	0.039 U	0.039 U	0.038 U	0.038 U	0.037 U
N-Nitroso-di-N-propylamine	0.08 U	0.078 U	0.077 U	0.078 U	0.075 U
N-Nitrosodiphenylamine	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
Pentachlorophenol	0.8 UJ	0.78 R	0.77 UJ	0.78 R	0.75 UJ
Phenanthrene	0.16	0.14	0.063	0.034 J	0.067
Phenol	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
Pyrene	0.26	0.44 J	0.11	0.11	0.16

Table D-2
Summary of SVOCs - Soil
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-28	ROW-29	ROW-30	ROW-31	ROW-32
Sample Date	5/27/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021
Field Sample ID	ROW-28(0-2)-052721	ROW-29(0-2)-052621	ROW-30(0-2)-052721	ROW-31(0-2)-052621	ROW-32(0-2)-052721
DeliveryGroup	500-199832-1	500-199752-1	500-199832-1	500-199752-1	500-199832-1
LocationCode	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1
SVOCs (mg/kg)					
1,2,4-Trichlorobenzene	0.19 U	0.19 U	0.2 U	0.19 U	0.17 U
1,2-Dichlorobenzene	0.19 U	0.19 U	0.2 U	0.19 U	0.17 U
1,3-Dichlorobenzene	0.19 U	0.19 U	0.2 U	0.19 U	0.17 U
1,4-Dichlorobenzene	0.19 U	0.19 U	0.2 U	0.19 U	0.17 U
2,2-oxybis[1-chloropropane]	0.19 U	0.19 U	0.2 U	0.19 U	0.17 U
2,4,5-Trichlorophenol	0.38 U	0.37 U	0.39 U	0.37 U	0.34 U
2,4,6-Trichlorophenol	0.38 U	0.37 U	0.39 U	0.37 U	0.34 U
2,4-Dichlorophenol	0.38 U	0.37 U	0.39 U	0.37 U	0.34 U
2,4-Dimethylphenol	0.38 U	0.37 U	0.39 U	0.37 U	0.34 U
2,4-Dinitrophenol	0.77 U	0.75 U	0.8 U	0.75 U	0.69 U
2,4-Dinitrotoluene	0.19 U	0.19 U	0.2 U	0.19 U	0.17 U
2,6-Dinitrotoluene	0.19 U	0.19 U	0.2 U	0.19 U	0.17 U
2-Chloronaphthalene	0.19 U	0.19 U	0.2 U	0.19 U	0.17 U
2-Chlorophenol	0.19 U	0.19 U	0.2 U	0.19 U	0.17 U
2-Methylnaphthalene	0.077 U	0.075 U	0.08 U	0.11	0.025 J
2-Methylphenol	0.19 U	0.19 U	0.2 U	0.19 U	0.17 U
2-Nitroaniline	0.19 U	0.19 U	0.2 U	0.19 U	0.17 U
2-Nitrophenol	0.38 U	0.37 U	0.39 U	0.37 U	0.34 U
3 & 4 Methylphenol	0.19 U	0.19 U	0.2 U	0.11 J	0.17 U
3,3-Dichlorobenzidine	0.19 UJ	0.19 U	0.2 U	0.19 U	0.17 U
3-Nitroaniline	0.38 U	0.37 U	0.39 U	0.37 U	0.34 U
4,6-Dinitro-2-methylphenol	0.77 U	0.75 U	0.8 U	0.75 U	0.69 U
4-Bromophenyl-phenylether	0.19 U	0.19 U	0.2 U	0.19 U	0.17 U
4-Chloro-3-methylphenol	0.38 U	0.37 U	0.39 U	0.37 U	0.34 U
4-Chloroaniline	0.77 U	0.75 U	0.8 U	0.75 U	0.69 U
4-Chlorophenyl-phenylether	0.19 U	0.19 U	0.2 U	0.19 U	0.17 U
4-Nitroaniline	0.38 U	0.37 U	0.39 U	0.37 U	0.34 U
4-Nitrophenol	0.77 U	0.75 U	0.8 U	0.75 U	0.69 U
Acenaphthene	0.038 U	0.037 U	0.014 J	1.6	0.047
Acenaphthylene	0.0085 J	0.037 U	0.039 U	0.8	0.022 J
Anthracene	0.017 J	0.036 J	0.041	8.2	0.15
Benzo(a)anthracene	0.082 J	0.041	0.12	12	0.67 J
Benzo(a)pyrene	0.11 J	0.055	0.13 J	12	0.75 J
Benzo(b)fluoranthene	0.19 J	0.089	0.19 J	15	1.2 J
Benzo(g,h,i)perylene	0.085 J	0.046	0.043 J	2.9	0.5 J
Benzo(k)fluoranthene	0.076 J	0.029 J	0.092 J	7.1	0.48 J
bis(2-Chloroethoxy)methane	0.19 U	0.19 U	0.2 U	0.19 U	0.17 U
bis(2-Chloroethyl)ether	0.19 U	0.19 U	0.2 U	0.19 U	0.17 U
bis(2-Ethylhexyl)phthalate	0.19 UJ	0.19 U	0.2 U	0.19 U	0.32 J
Butyl benzyl phthalate	0.19 UJ	0.19 U	0.2 U	0.19 U	0.09 J
Carbazole	0.19 U	0.14 J	0.2 U	2	0.11 J
Chrysene	0.11 J	0.045	0.13	12	0.77 J
Dibenzo(a,h)anthracene	0.038 UJ	0.0083 J	0.039 UJ	1.3	0.098 J
Dibenzofuran	0.19 U	0.19 U	0.2 U	0.83	0.17 U
Diethylphthalate	0.19 U	0.19 U	0.2 U	0.19 U	0.17 U
Dimethyl phthalate	0.19 U	0.19 U	0.2 U	0.19 U	0.17 U
Di-N-Butyl phthalate	0.19 U	0.19 U	0.2 U	0.19 U	0.17 U
Di-N-Octyl phthalate	0.19 U	0.19 U	0.2 U	0.19 U	0.17 U
Fluoranthene	0.12	0.086	0.24	32	0.91
Fluorene	0.038 U	0.037 U	0.014 J	1.5	0.042
Hexachlorobenzene	0.077 U	0.075 U	0.08 U	0.075 U	0.069 U
Hexachlorobutadiene	0.19 U	0.19 U	0.2 U	0.19 U	0.17 U
Hexachlorocyclopentadiene	0.77 U	0.75 U	0.8 U	0.75 U	0.69 U
Hexachloroethane	0.19 U	0.19 U	0.2 U	0.19 U	0.17 U
Indeno(1,2,3-cd)pyrene	0.057 J	0.02 J	0.048 J	3.8	0.39 J
Isophorone	0.19 U	0.19 U	0.2 U	0.19 U	0.17 U
Naphthalene	0.0065 J	0.037 U	0.0099 J	0.17	0.028 J
Nitrobenzene	0.038 U	0.037 U	0.039 U	0.037 U	0.034 U
N-Nitroso-di-N-propylamine	0.077 U	0.075 U	0.08 U	0.075 U	0.069 U
N-Nitrosodiphenylamine	0.19 U	0.19 U	0.2 U	0.19 U	0.17 U
Pentachlorophenol	0.77 R	0.75 UJ	0.8 R	0.75 UJ	0.69 R
Phenanthrene	0.079	0.044	0.16	13	0.71
Phenol	0.19 U	0.19 U	0.2 U	0.19	0.17 U
Pyrene	0.28 J	0.057	0.33	29	1.5

Table D-2
Summary of SVOCs - Soil
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-33	ROW-34	ROW-35	ROW-36	ROW-37
Sample Date	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021
Field Sample ID	ROW-33(0-2)-052621	ROW-34(0-2)-052721	ROW-35(0-2)-052621	ROW-36(0-2)-052721	ROW-37(0-2)-052621
DeliveryGroup	500-199752-1	500-199832-1	500-199752-1	500-199832-1	500-199752-1
LocationCode	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1
SVOCs (mg/kg)					
1,2,4-Trichlorobenzene	0.18 U	0.22 U	0.19 U	0.19 U	0.18 U
1,2-Dichlorobenzene	0.18 U	0.22 U	0.19 U	0.19 U	0.18 U
1,3-Dichlorobenzene	0.18 U	0.22 U	0.19 U	0.19 U	0.18 U
1,4-Dichlorobenzene	0.18 U	0.22 U	0.19 U	0.19 U	0.18 U
2,2-oxybis[1-chloropropane]	0.18 U	0.22 U	0.19 U	0.19 U	0.18 U
2,4,5-Trichlorophenol	0.37 U	0.43 U	0.38 U	0.37 U	0.36 U
2,4,6-Trichlorophenol	0.37 U	0.43 U	0.38 U	0.37 U	0.36 U
2,4-Dichlorophenol	0.37 U	0.43 U	0.38 U	0.37 U	0.36 U
2,4-Dimethylphenol	0.37 U	0.43 U	0.38 U	0.37 U	0.36 U
2,4-Dinitrophenol	0.74 U	0.88 U	0.76 U	0.75 U	0.74 U
2,4-Dinitrotoluene	0.18 U	0.22 U	0.19 U	0.19 U	0.18 U
2,6-Dinitrotoluene	0.18 U	0.22 U	0.19 U	0.19 U	0.18 U
2-Chloronaphthalene	0.18 U	0.22 U	0.19 U	0.19 U	0.18 U
2-Chlorophenol	0.18 U	0.22 U	0.19 U	0.19 U	0.18 U
2-Methylnaphthalene	0.015 J	0.022 J	0.076 U	0.012 J	0.0073 J
2-Methylphenol	0.18 U	0.22 U	0.19 U	0.19 U	0.18 U
2-Nitroaniline	0.18 U	0.22 U	0.19 U	0.19 U	0.18 U
2-Nitrophenol	0.37 U	0.43 U	0.38 U	0.37 U	0.36 U
3 & 4 Methylphenol	0.18 U	0.22 U	0.19 U	0.19 U	0.18 U
3,3-Dichlorobenzidine	0.18 UJ	0.22 U	0.19 U	0.19 UJ	0.18 UJ
3-Nitroaniline	0.37 U	0.43 U	0.38 U	0.37 U	0.36 U
4,6-Dinitro-2-methylphenol	0.74 U	0.88 U	0.76 U	0.75 U	0.74 U
4-Bromophenyl-phenylether	0.18 U	0.22 U	0.19 U	0.19 U	0.18 U
4-Chloro-3-methylphenol	0.37 U	0.43 U	0.38 U	0.37 U	0.36 U
4-Chloroaniline	0.74 U	0.88 U	0.76 U	0.75 U	0.74 U
4-Chlorophenyl-phenylether	0.18 U	0.22 U	0.19 U	0.19 U	0.18 U
4-Nitroaniline	0.37 U	0.43 U	0.38 U	0.37 U	0.36 U
4-Nitrophenol	0.74 U	0.88 U	0.76 U	0.75 U	0.74 U
Acenaphthene	0.044	0.043 U	0.017 J	0.0098 J	0.015 J
Acenaphthylene	0.057	0.043 U	0.013 J	0.013 J	0.024 J
Anthracene	0.13	0.02 J	0.059	0.047	0.066
Benzo(a)anthracene	0.44 J	0.1	0.096	0.26 J	0.25 J
Benzo(a)pyrene	0.45 J	0.13 J	0.12	0.29 J	0.36 J
Benzo(b)fluoranthene	0.69 J	0.2 J	0.16	0.49 J	0.58 J
Benzo(g,h,i)perylene	0.13 J	0.068 J	0.066	0.14 J	0.13 J
Benzo(k)fluoranthene	0.27 J	0.096 J	0.051	0.23 J	0.22 J
bis(2-Chloroethoxy)methane	0.18 U	0.22 U	0.19 U	0.19 U	0.18 U
bis(2-Chloroethyl)ether	0.18 U	0.22 U	0.19 U	0.19 U	0.18 U
bis(2-Ethylhexyl)phthalate	0.8 J	0.22 U	0.19 U	0.17 J	0.13 J
Butyl benzyl phthalate	0.18 UJ	0.22 U	0.19 U	0.19 UJ	0.18 UJ
Carbazole	0.19	0.22 U	0.16 J	0.19 U	0.16 J
Chrysene	0.46 J	0.13	0.11	0.33 J	0.29 J
Dibenzo(a,h)anthracene	0.048 J	0.043 UJ	0.017 J	0.036 J	0.04 J
Dibenzofuran	0.18 U	0.22 U	0.19 U	0.19 U	0.18 U
Diethylphthalate	0.18 U	0.22 U	0.19 U	0.19 U	0.18 U
Dimethyl phthalate	0.18 U	0.22 U	0.19 U	0.19 U	0.18 U
Di-N-Butyl phthalate	0.18 U	0.22 U	0.19 U	0.19 U	0.18 U
Di-N-Octyl phthalate	0.18 U	0.22 U	0.19 U	0.19 U	0.16 J
Fluoranthene	0.71	0.2	0.21	0.35	0.37
Fluorene	0.068	0.043 U	0.044	0.011 J	0.04
Hexachlorobenzene	0.074 U	0.088 U	0.076 U	0.075 U	0.074 U
Hexachlorobutadiene	0.18 U	0.22 U	0.19 U	0.19 U	0.18 U
Hexachlorocyclopentadiene	0.74 U	0.88 U	0.76 U	0.75 U	0.74 U
Hexachloroethane	0.18 U	0.22 U	0.19 U	0.19 U	0.18 U
Indeno(1,2,3-cd)pyrene	0.14 J	0.056 J	0.046	0.11 J	0.12 J
Isophorone	0.18 U	0.22 U	0.19 U	0.19 U	0.18 U
Naphthalene	0.015 J	0.016 J	0.0059 J	0.025 J	0.0064 J
Nitrobenzene	0.037 U	0.043 U	0.038 U	0.037 U	0.036 U
N-Nitroso-di-N-propylamine	0.074 U	0.088 U	0.076 U	0.075 U	0.074 U
N-Nitrosodiphenylamine	0.18 U	0.22 U	0.19 U	0.19 U	0.18 U
Pentachlorophenol	0.74 UJ	0.88 R	0.76 UJ	0.75 R	0.74 UJ
Phenanthrene	0.55	0.1	0.18	0.22	0.21
Phenol	0.18 U	0.22 U	0.19 U	0.19 U	0.18 U
Pyrene	1.9 J	0.21	0.2	0.71 J	0.95 J

Table D-2
Summary of SVOCs - Soil
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-38	ROW-38	ROW-39	ROW-39	ROW-40
Sample Date	5/27/2021	5/27/2021	5/26/2021	5/26/2021	5/27/2021
Field Sample ID	ROW-38(0-2)-052721D	ROW-38(0-2)-052721	ROW-39(0-2)-052621D	ROW-39(0-2)-052621	ROW-40(0-2)-052721
DeliveryGroup	500-199832-1	500-199832-1	500-199753-1	500-199753-1	500-199832-1
LocationCode	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1
SVOCs (mg/kg)					
1,2,4-Trichlorobenzene	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
1,2-Dichlorobenzene	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
1,3-Dichlorobenzene	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
1,4-Dichlorobenzene	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
2,2-oxybis[1-chloropropane]	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
2,4,5-Trichlorophenol	0.39 U	0.39 U	0.38 U	0.37 U	0.38 U
2,4,6-Trichlorophenol	0.39 U	0.39 U	0.38 U	0.37 U	0.38 U
2,4-Dichlorophenol	0.39 U	0.39 U	0.38 U	0.37 U	0.38 U
2,4-Dimethylphenol	0.39 U	0.39 U	0.38 U	0.37 U	0.38 U
2,4-Dinitrophenol	0.79 U	0.8 U	0.78 U	0.75 U	0.77 U
2,4-Dinitrotoluene	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
2,6-Dinitrotoluene	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
2-Chloronaphthalene	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
2-Chlorophenol	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
2-Methylnaphthalene	0.079 U	0.08 U	0.078 U	0.0098 J	0.008 J
2-Methylphenol	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
2-Nitroaniline	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
2-Nitrophenol	0.39 U	0.39 U	0.38 U	0.37 U	0.38 U
3 & 4 Methylphenol	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
3,3-Dichlorobenzidine	0.2 U	0.2 U	0.19 UJ	0.19 UJ	0.19 UJ
3-Nitroaniline	0.39 U	0.39 U	0.38 U	0.37 U	0.38 U
4,6-Dinitro-2-methylphenol	0.79 U	0.8 U	0.78 U	0.75 U	0.77 U
4-Bromophenyl-phenylether	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
4-Chloro-3-methylphenol	0.39 U	0.39 U	0.38 U	0.37 U	0.38 U
4-Chloroaniline	0.79 U	0.8 U	0.78 U	0.75 U	0.77 U
4-Chlorophenyl-phenylether	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
4-Nitroaniline	0.39 U	0.39 U	0.38 UJ	0.37 UJ	0.38 U
4-Nitrophenol	0.79 U	0.8 U	0.78 U	0.75 U	0.77 U
Acenaphthene	0.039 U	0.039 U	0.038 U	0.028 J	0.038 U
Acenaphthylene	0.039 U	0.039 U	0.038 U	0.011 J	0.0096 J
Anthracene	0.0066 J	0.039 U	0.036 J	0.07	0.017 J
Benzo(a)anthracene	0.026 J	0.016 J	0.03 J	0.29 J	0.081 J
Benzo(a)pyrene	0.034 J	0.021 J	0.044 J	0.31 J	0.12 J
Benzo(b)fluoranthene	0.057	0.035 J	0.085 J	0.51 J	0.2 J
Benzo(g,h,i)perylene	0.024 J	0.018 J	0.043 J	0.11 J	0.071 J
Benzo(k)fluoranthene	0.021 J	0.012 J	0.029 J	0.16 J	0.093 J
bis(2-Chloroethoxy)methane	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
bis(2-Chloroethyl)ether	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
bis(2-Ethylhexyl)phthalate	0.2 U	0.2 U	0.19 U	0.28	0.19 UJ
Butyl benzyl phthalate	0.2 U	0.2 U	0.19 U	0.19 U	0.19 UJ
Carbazole	0.2 U	0.2 U	0.15 J	0.19 U	0.19 U
Chrysene	0.038 J	0.025 J	0.038 J	0.3 J	0.12 J
Dibenzo(a,h)anthracene	0.039 U	0.039 U	0.038 UJ	0.029 J	0.0086 J
Dibenzofuran	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
Diethylphthalate	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
Dimethyl phthalate	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
Di-N-Butyl phthalate	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
Di-N-Octyl phthalate	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
Fluoranthene	0.055	0.028 J	0.082 J	0.66 J	0.12
Fluorene	0.039 U	0.039 U	0.031 J	0.025 J	0.038 U
Hexachlorobenzene	0.079 U	0.08 U	0.078 U	0.075 U	0.077 U
Hexachlorobutadiene	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
Hexachlorocyclopentadiene	0.79 U	0.8 U	0.78 U	0.75 U	0.77 U
Hexachloroethane	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
Indeno(1,2,3-cd)pyrene	0.02 J	0.016 J	0.016 J	0.087 J	0.044 J
Isophorone	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
Naphthalene	0.039 U	0.039 U	0.038 U	0.042	0.0093 J
Nitrobenzene	0.039 U	0.039 U	0.038 U	0.037 U	0.038 U
N-Nitroso-di-N-propylamine	0.079 U	0.08 U	0.078 U	0.075 U	0.077 U
N-Nitrosodiphenylamine	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U
Pentachlorophenol	0.79 R	0.8 R	0.78 U	0.75 U	0.77 R
Phenanthrene	0.028 J	0.012 J	0.051 J	0.33 J	0.064
Phenol	0.2 U	0.2 U	0.12 J	0.19 U	0.19 U
Pyrene	0.055	0.029 J	0.072 J	0.73 J	0.23 J

Table D-2
Summary of SVOCs - Soil
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-41	ROW-42	ROW-43	ROW-44	ROW-45
Sample Date	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021
Field Sample ID	ROW-41(0-2)-052621	ROW-42(0-2)-052721	ROW-43(0-2)-052621	ROW-44(0-2)-052721	ROW-45(0-2)-052621
DeliveryGroup	500-199753-1	500-199832-1	500-199753-1	500-199832-1	500-199753-1
LocationCode	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1
SVOCs (mg/kg)					
1,2,4-Trichlorobenzene	0.19 U	0.18 U	0.19 U	0.19 U	0.19 U
1,2-Dichlorobenzene	0.19 U	0.18 U	0.19 U	0.19 U	0.19 U
1,3-Dichlorobenzene	0.19 U	0.18 U	0.19 UJ	0.19 U	0.19 U
1,4-Dichlorobenzene	0.19 U	0.18 U	0.19 U	0.19 U	0.19 U
2,2-oxybis[1-chloropropane]	0.19 U	0.18 U	0.19 U	0.19 U	0.19 U
2,4,5-Trichlorophenol	0.37 U	0.36 U	0.38 U	0.37 U	0.38 U
2,4,6-Trichlorophenol	0.37 U	0.36 U	0.38 U	0.37 U	0.38 U
2,4-Dichlorophenol	0.37 U	0.36 U	0.38 U	0.37 U	0.38 U
2,4-Dimethylphenol	0.37 U	0.36 U	0.38 U	0.37 U	0.38 U
2,4-Dinitrophenol	0.76 U	0.74 U	0.76 R	0.74 U	0.78 U
2,4-Dinitrotoluene	0.19 U	0.18 U	0.19 U	0.19 U	0.19 U
2,6-Dinitrotoluene	0.19 U	0.18 U	0.19 U	0.19 U	0.19 U
2-Chloronaphthalene	0.19 U	0.18 U	0.19 U	0.19 U	0.19 U
2-Chlorophenol	0.19 U	0.18 U	0.19 U	0.19 U	0.19 U
2-Methylnaphthalene	0.076 U	0.0071 J	0.076 U	0.027 J	0.078 U
2-Methylphenol	0.19 U	0.18 U	0.19 U	0.19 U	0.19 U
2-Nitroaniline	0.19 U	0.18 U	0.19 U	0.19 U	0.19 U
2-Nitrophenol	0.37 U	0.36 U	0.38 U	0.37 U	0.38 U
3 & 4 Methylphenol	0.19 U	0.18 U	0.19 U	0.19 U	0.19 U
3,3-Dichlorobenzidine	0.19 UJ	0.18 U	0.19 UJ	0.19 UJ	0.19 UJ
3-Nitroaniline	0.37 U	0.36 U	0.38 U	0.37 U	0.38 U
4,6-Dinitro-2-methylphenol	0.76 U	0.74 U	0.76 U	0.74 U	0.78 U
4-Bromophenyl-phenylether	0.19 U	0.18 U	0.19 U	0.19 U	0.19 U
4-Chloro-3-methylphenol	0.37 U	0.36 U	0.38 U	0.37 U	0.38 U
4-Chloroaniline	0.76 U	0.74 U	0.76 U	0.74 U	0.78 U
4-Chlorophenyl-phenylether	0.19 U	0.18 U	0.19 U	0.19 U	0.19 U
4-Nitroaniline	0.37 UJ	0.36 U	0.38 UJ	0.37 U	0.38 UJ
4-Nitrophenol	0.76 U	0.74 U	0.76 U	0.74 U	0.78 U
Acenaphthene	0.037 U	0.0088 J	0.014 J	0.034 J	0.038 U
Acenaphthylene	0.0051 J	0.0086 J	0.038 U	0.056	0.0069 J
Anthracene	0.039	0.034 J	0.057	0.14	0.042
Benzo(a)anthracene	0.054	0.16	0.13	0.51 J	0.088
Benzo(a)pyrene	0.087 J	0.18 J	0.15	0.53 J	0.14 J
Benzo(b)fluoranthene	0.14 J	0.27 J	0.25	0.92 J	0.25 J
Benzo(g,h,i)perylene	0.052 J	0.072 J	0.056 J	0.2 J	0.064 J
Benzo(k)fluoranthene	0.046 J	0.16 J	0.087	0.34 J	0.089 J
bis(2-Chloroethoxy)methane	0.19 U	0.18 U	0.19 U	0.19 U	0.19 U
bis(2-Chloroethyl)ether	0.19 U	0.18 U	0.19 U	0.19 U	0.19 U
bis(2-Ethylhexyl)phthalate	0.19 U	0.18 U	0.19 U	0.096 J	0.19 U
Butyl benzyl phthalate	0.19 U	0.18 U	0.19 U	0.19 UJ	0.19 U
Carbazole	0.15 J	0.18 U	0.16 J	0.19 U	0.15 J
Chrysene	0.065	0.19	0.13	0.58 J	0.099
Dibenzo(a,h)anthracene	0.037 UJ	0.017 J	0.014 J	0.061 J	0.016 J
Dibenzofuran	0.19 U	0.18 U	0.19 U	0.19 U	0.19 U
Diethylphthalate	0.19 U	0.18 U	0.19 U	0.19 U	0.19 U
Dimethyl phthalate	0.19 U	0.18 U	0.19 U	0.19 U	0.19 U
Di-N-Butyl phthalate	0.19 U	0.18 U	0.19 U	0.19 U	0.19 U
Di-N-Octyl phthalate	0.19 U	0.18 U	0.19 U	0.19 U	0.19 U
Fluoranthene	0.11	0.26	0.26	0.92	0.17
Fluorene	0.033 J	0.0095 J	0.042	0.044	0.033 J
Hexachlorobenzene	0.076 U	0.074 U	0.076 U	0.074 U	0.078 U
Hexachlorobutadiene	0.19 U	0.18 U	0.19 U	0.19 U	0.19 U
Hexachlorocyclopentadiene	0.76 U	0.74 U	0.76 R	0.74 U	0.78 U
Hexachloroethane	0.19 U	0.18 U	0.19 UJ	0.19 U	0.19 U
Indeno(1,2,3-cd)pyrene	0.028 J	0.06 J	0.036 J	0.2 J	0.047 J
Isophorone	0.19 U	0.18 U	0.19 U	0.19 U	0.19 U
Naphthalene	0.0058 J	0.015 J	0.038 U	0.023 J	0.038 U
Nitrobenzene	0.037 U	0.036 U	0.038 U	0.037 U	0.038 U
N-Nitroso-di-N-propylamine	0.076 U	0.074 U	0.076 U	0.074 U	0.078 U
N-Nitrosodiphenylamine	0.19 U	0.18 U	0.19 U	0.19 U	0.19 U
Pentachlorophenol	0.76 U	0.74 R	0.76 U	0.74 R	0.78 U
Phenanthrene	0.074	0.15	0.15	0.71	0.073
Phenol	0.12 J	0.18 U	0.19 U	0.19 U	0.19 U
Pyrene	0.12	0.42	0.25	1.6 J	0.16

Table D-2
Summary of SVOCs - Soil
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-46	ROW-47	ROW-48	ROW-49	ROW-50
Sample Date	5/27/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021
Field Sample ID	ROW-46(0-2)-052721	ROW-47(0-2)-052621	ROW-48(0-2)-052721	ROW-49(0-2)-052621	ROW-50(0-2)-052721
DeliveryGroup	500-199832-1	500-199753-1	500-199832-1	500-199753-1	500-199832-1
LocationCode	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1
SVOCs (mg/kg)					
1,2,4-Trichlorobenzene	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U
1,2-Dichlorobenzene	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U
1,3-Dichlorobenzene	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U
1,4-Dichlorobenzene	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U
2,2-oxybis[1-chloropropane]	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U
2,4,5-Trichlorophenol	0.37 U	0.39 U	0.39 U	0.39 U	0.37 U
2,4,6-Trichlorophenol	0.37 U	0.39 U	0.39 U	0.39 U	0.37 U
2,4-Dichlorophenol	0.37 U	0.39 U	0.39 U	0.39 U	0.37 U
2,4-Dimethylphenol	0.37 U	0.39 U	0.39 U	0.39 U	0.37 U
2,4-Dinitrophenol	0.75 U	0.79 U	0.78 U	0.8 U	0.75 U
2,4-Dinitrotoluene	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U
2,6-Dinitrotoluene	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U
2-Chloronaphthalene	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U
2-Chlorophenol	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U
2-Methylnaphthalene	0.075 U	0.011 J	0.0098 J	0.08 U	0.046 J
2-Methylphenol	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U
2-Nitroaniline	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U
2-Nitrophenol	0.37 U	0.39 U	0.39 U	0.39 U	0.37 U
3 & 4 Methylphenol	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U
3,3-Dichlorobenzidine	0.19 U	0.2 UJ	0.2 U	0.2 UJ	0.19 UJ
3-Nitroaniline	0.37 U	0.39 U	0.39 U	0.39 U	0.37 U
4,6-Dinitro-2-methylphenol	0.75 U	0.79 U	0.78 U	0.8 U	0.75 U
4-Bromophenyl-phenylether	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U
4-Chloro-3-methylphenol	0.37 U	0.39 U	0.39 U	0.39 U	0.37 U
4-Chloroaniline	0.75 U	0.79 U	0.78 U	0.8 U	0.75 U
4-Chlorophenyl-phenylether	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U
4-Nitroaniline	0.37 U	0.39 UJ	0.39 U	0.39 UJ	0.37 U
4-Nitrophenol	0.75 U	0.79 U	0.78 U	0.8 U	0.75 U
Acenaphthene	0.037 U	0.0077 J	0.039 U	0.0071 J	0.11
Acenaphthylene	0.037 U	0.007 J	0.013 J	0.034 J	0.062
Anthracene	0.019 J	0.053	0.024 J	0.059	0.34
Benzo(a)anthracene	0.085	0.17 J	0.096	0.15	0.86 J
Benzo(a)pyrene	0.095 J	0.23 J	0.12 J	0.23 J	0.82 J
Benzo(b)fluoranthene	0.16 J	0.36 J	0.22 J	0.4 J	1.2 J
Benzo(g,h,i)perylene	0.046 J	0.1 J	0.057 J	0.096 J	0.47 J
Benzo(k)fluoranthene	0.061 J	0.14 J	0.064 J	0.16 J	0.46 J
bis(2-Chloroethoxy)methane	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U
bis(2-Chloroethyl)ether	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U
bis(2-Ethylhexyl)phthalate	0.19 U	0.078 J	0.2 U	0.2 U	0.18 J
Butyl benzyl phthalate	0.19 U	0.081 J	0.76	0.2 U	2
Carbazole	0.19 U	0.16 J	0.2 U	0.16 J	0.14 J
Chrysene	0.1	0.2 J	0.12	0.19	0.93 J
Dibenzo(a,h)anthracene	0.0078 J	0.031 J	0.039 UJ	0.026 J	0.1 J
Dibenzofuran	0.19 U	0.2 U	0.2 U	0.2 U	0.092 J
Diethylphthalate	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U
Dimethyl phthalate	0.19 U	0.2 U	0.067 J	0.2 U	0.19 U
Di-N-Butyl phthalate	0.19 U	0.2 U	0.2 U	0.2 U	0.78
Di-N-Octyl phthalate	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U
Fluoranthene	0.15	0.29	0.17	0.28	1.3
Fluorene	0.037 U	0.037 J	0.0066 J	0.037 J	0.19
Hexachlorobenzene	0.075 U	0.079 U	0.078 U	0.08 U	0.075 U
Hexachlorobutadiene	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U
Hexachlorocyclopentadiene	0.75 U	0.79 U	0.78 U	0.8 U	0.75 U
Hexachloroethane	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U
Indeno(1,2,3-cd)pyrene	0.04 J	0.086 J	0.048 J	0.08 J	0.46 J
Isophorone	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U
Naphthalene	0.006 J	0.0073 J	0.033 J	0.039 U	0.057
Nitrobenzene	0.037 U	0.039 U	0.039 U	0.039 U	0.037 U
N-Nitroso-di-N-propylamine	0.075 U	0.079 U	0.078 U	0.08 U	0.075 U
N-Nitrosodiphenylamine	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U
Pentachlorophenol	0.75 R	0.79 U	0.78 R	0.8 U	0.75 R
Phenanthrene	0.097	0.17	0.1	0.14	1.9
Phenol	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U
Pyrene	0.24	0.63 J	0.26	0.45	1.8

Table D-2
Summary of SVOCs - Soil
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-51	ROW-52	ROW-53	ROW-54	ROW-55
Sample Date	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021
Field Sample ID	ROW-51(0-2)-052621	ROW-52(0-2)-052721	ROW-53(0-2)-052621	ROW-54(0-2)-052721	ROW-55(0-2)-052621
DeliveryGroup	500-199753-1	500-199832-1	500-199753-1	500-199832-1	500-199753-1
LocationCode	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1
SVOCs (mg/kg)					
1,2,4-Trichlorobenzene	0.18 U	0.18 U	0.94 U	0.17 U	0.18 U
1,2-Dichlorobenzene	0.18 U	0.18 U	0.94 U	0.17 U	0.18 U
1,3-Dichlorobenzene	0.18 U	0.18 U	0.94 U	0.17 U	0.18 U
1,4-Dichlorobenzene	0.18 U	0.18 U	0.94 U	0.17 U	0.18 U
2,2-oxybis[1-chloropropane]	0.18 U	0.18 U	0.94 U	0.17 U	0.18 U
2,4,5-Trichlorophenol	0.35 U	0.35 U	1.9 U	0.34 U	0.37 U
2,4,6-Trichlorophenol	0.35 U	0.35 U	1.9 U	0.34 U	0.37 U
2,4-Dichlorophenol	0.35 U	0.35 U	1.9 U	0.34 U	0.37 U
2,4-Dimethylphenol	0.35 U	0.35 U	1.9 U	0.34 U	0.37 U
2,4-Dinitrophenol	0.72 U	0.72 U	3.8 U	0.7 U	0.74 U
2,4-Dinitrotoluene	0.18 U	0.18 U	0.94 U	0.17 U	0.18 U
2,6-Dinitrotoluene	0.18 U	0.18 U	0.94 U	0.17 U	0.18 U
2-Chloronaphthalene	0.18 U	0.18 U	0.94 U	0.17 U	0.18 U
2-Chlorophenol	0.18 U	0.18 U	0.94 U	0.17 U	0.18 U
2-Methylnaphthalene	0.072 U	0.022 J	0.52	0.044 J	0.074 U
2-Methylphenol	0.18 U	0.18 U	0.94 U	0.17 U	0.18 U
2-Nitroaniline	0.18 U	0.18 U	0.94 U	0.17 U	0.18 U
2-Nitrophenol	0.35 U	0.35 U	1.9 U	0.34 U	0.37 U
3 & 4 Methylphenol	0.18 U	0.18 U	0.94 U	0.17 U	0.18 U
3,3-Dichlorobenzidine	0.18 UJ	0.18 UJ	0.94 UJ	0.17 UJ	0.18 UJ
3-Nitroaniline	0.35 U	0.35 U	1.9 U	0.34 U	0.37 U
4,6-Dinitro-2-methylphenol	0.72 U	0.72 U	3.8 U	0.7 U	0.74 U
4-Bromophenyl-phenylether	0.18 U	0.18 U	0.94 U	0.17 U	0.18 U
4-Chloro-3-methylphenol	0.35 U	0.35 U	1.9 U	0.34 U	0.37 U
4-Chloroaniline	0.72 U	0.72 U	3.8 U	0.7 U	0.74 U
4-Chlorophenyl-phenylether	0.18 U	0.18 U	0.94 U	0.17 U	0.18 U
4-Nitroaniline	0.35 UJ	0.35 U	1.9 UJ	0.34 U	0.37 UJ
4-Nitrophenol	0.72 U	0.72 U	3.8 U	0.7 U	0.74 U
Acenaphthene	0.035 U	0.071	0.55	0.085	0.014 J
Acenaphthylene	0.0048 J	0.031 J	5.9	0.038	0.01 J
Anthracene	0.042	0.15	4.4	0.34	0.096
Benzo(a)anthracene	0.09 J	0.69 J	13	1.5 J	0.42 J
Benzo(a)pyrene	0.14 J	0.77 J	15	1.5 J	0.53 J
Benzo(b)fluoranthene	0.26 J	1.3 J	20	1.6 J	0.79 J
Benzo(g,h,i)perylene	0.081 J	0.52 J	6.4	0.8 J	0.18 J
Benzo(k)fluoranthene	0.086 J	0.53 J	7.3	1.5 J	0.33 J
bis(2-Chloroethoxy)methane	0.18 U	0.18 U	0.94 U	0.17 U	0.18 U
bis(2-Chloroethyl)ether	0.18 U	0.18 U	0.94 U	0.17 U	0.18 U
bis(2-Ethylhexyl)phthalate	0.12 J	0.19 J	0.94 U	1.2	0.18 UJ
Butyl benzyl phthalate	0.18 UJ	0.089 J	0.94 U	0.13 J	0.18 UJ
Carbazole	0.14 J	0.2	1.8	0.14 J	0.17 J
Chrysene	0.12 J	0.9 J	14	1.5 J	0.45 J
Dibenzo(a,h)anthracene	0.021 J	0.13 J	2	0.17 J	0.059 J
Dibenzofuran	0.18 U	0.053 J	0.94 U	0.056 J	0.18 U
Diethylphthalate	0.18 U	0.18 U	0.94 U	0.17 U	0.18 U
Dimethyl phthalate	0.18 U	0.18 U	0.94 U	0.17 U	0.18 U
Di-N-Butyl phthalate	0.18 U	0.18 U	0.28 J	0.17 U	0.18 U
Di-N-Octyl phthalate	0.18 U	0.18 U	0.94 U	0.17 U	0.18 U
Fluoranthene	0.15	1.2	32	1.7	0.58
Fluorene	0.032 J	0.07	2.1	0.082	0.038
Hexachlorobenzene	0.072 U	0.072 U	0.38 U	0.07 U	0.074 U
Hexachlorobutadiene	0.18 U	0.18 U	0.94 U	0.17 U	0.18 U
Hexachlorocyclopentadiene	0.72 U	0.72 U	3.8 U	0.7 U	0.74 U
Hexachloroethane	0.18 U	0.18 U	0.94 U	0.17 U	0.18 U
Indeno(1,2,3-cd)pyrene	0.059 J	0.43 J	7.1	0.83 J	0.19 J
Isophorone	0.18 U	0.18 U	0.94 U	0.17 U	0.18 U
Naphthalene	0.035 U	0.046	2.1	0.1	0.037 U
Nitrobenzene	0.035 U	0.035 U	0.19 U	0.034 U	0.037 U
N-Nitroso-di-N-propylamine	0.072 U	0.072 U	0.38 U	0.07 U	0.074 U
N-Nitrosodiphenylamine	0.18 U	0.18 U	0.94 U	0.17 U	0.18 U
Pentachlorophenol	0.72 U	0.72 R	3.8 U	0.7 R	0.74 U
Phenanthrene	0.09	1.3	17	1.3	0.34
Phenol	0.18 U	0.18 U	0.62 J	0.17 U	0.18 U
Pyrene	0.28 J	1.4	31	2.5	1.4 J

Table D-2
Summary of SVOCs - Soil
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-56	ROW-57	ROW-58	ROW-58
Sample Date	5/27/2021	5/26/2021	5/27/2021	5/27/2021
Field Sample ID	ROW-56(0-2)-052721	ROW-57(0-2)-052621	ROW-58(0-2)-052721D	ROW-58(0-2)-052721
DeliveryGroup	500-199832-1	500-199753-1	500-199832-1	500-199832-1
LocationCode	2233V2-1	2233V2-1	2233V2-1	2233V2-1
SVOCs (mg/kg)				
1,2,4-Trichlorobenzene	0.18 U	0.18 U	0.19 U	0.19 U
1,2-Dichlorobenzene	0.18 U	0.18 U	0.19 U	0.19 U
1,3-Dichlorobenzene	0.18 U	0.18 U	0.19 U	0.19 U
1,4-Dichlorobenzene	0.18 U	0.18 U	0.19 U	0.19 U
2,2-oxybis[1-chloropropane]	0.18 U	0.18 U	0.19 U	0.19 U
2,4,5-Trichlorophenol	0.36 U	0.36 U	0.37 U	0.38 U
2,4,6-Trichlorophenol	0.36 U	0.36 U	0.37 U	0.38 U
2,4-Dichlorophenol	0.36 U	0.36 U	0.37 U	0.38 U
2,4-Dimethylphenol	0.36 U	0.36 U	0.37 U	0.38 U
2,4-Dinitrophenol	0.73 U	0.72 U	0.76 U	0.77 R
2,4-Dinitrotoluene	0.18 U	0.18 U	0.19 U	0.19 U
2,6-Dinitrotoluene	0.18 U	0.18 U	0.19 U	0.19 U
2-Chloronaphthalene	0.18 U	0.18 U	0.19 U	0.19 U
2-Chlorophenol	0.18 U	0.18 U	0.19 U	0.19 U
2-Methylnaphthalene	0.039 J	0.072 U	0.026 J	0.03 J
2-Methylphenol	0.18 U	0.18 U	0.19 U	0.19 U
2-Nitroaniline	0.18 U	0.18 U	0.19 U	0.19 U
2-Nitrophenol	0.36 U	0.36 U	0.37 U	0.38 U
3 & 4 Methylphenol	0.18 U	0.18 U	0.19 U	0.19 U
3,3-Dichlorobenzidine	0.18 UJ	0.18 UJ	0.19 U	0.19 UJ
3-Nitroaniline	0.36 U	0.36 U	0.37 U	0.38 U
4,6-Dinitro-2-methylphenol	0.73 U	0.72 U	0.76 U	0.77 U
4-Bromophenyl-phenylether	0.18 U	0.18 U	0.19 U	0.19 U
4-Chloro-3-methylphenol	0.36 U	0.36 U	0.37 U	0.38 U
4-Chloroaniline	0.73 U	0.72 U	0.76 U	0.77 U
4-Chlorophenyl-phenylether	0.18 U	0.18 U	0.19 U	0.19 U
4-Nitroaniline	0.36 U	0.36 UJ	0.37 U	0.38 U
4-Nitrophenol	0.73 U	0.72 U	0.76 U	0.77 U
Acenaphthene	0.074	0.036 U	0.013 J	0.0093 J
Acenaphthylene	0.019 J	0.0068 J	0.047	0.052
Anthracene	0.2	0.013 J	0.081	0.073
Benzo(a)anthracene	0.55 J	0.052 J	0.23	0.18
Benzo(a)pyrene	0.61 J	0.053 J	0.25	0.2 J
Benzo(b)fluoranthene	1 J	0.062 J	0.38	0.32 J
Benzo(g,h,i)perylene	0.39 J	0.036 UJ	0.1	0.074 J
Benzo(k)fluoranthene	0.38 J	0.035 J	0.13	0.12 J
bis(2-Chloroethoxy)methane	0.18 U	0.18 U	0.19 U	0.19 U
bis(2-Chloroethyl)ether	0.18 U	0.18 U	0.19 U	0.19 U
bis(2-Ethylhexyl)phthalate	0.46 J	0.18 UJ	0.19 U	0.19 U
Butyl benzyl phthalate	1.3 J	0.18 UJ	0.19 U	0.19 U
Carbazole	0.15 J	0.18 U	0.19 U	0.19 U
Chrysene	0.66 J	0.071 J	0.26	0.2
Dibenzo(a,h)anthracene	0.089 J	0.036 UJ	0.026 J	0.019 J
Dibenzofuran	0.063 J	0.18 U	0.05 J	0.056 J
Diethylphthalate	0.18 U	0.18 U	0.19 U	0.19 U
Dimethyl phthalate	0.18 U	0.18 U	0.19 U	0.19 U
Di-N-Butyl phthalate	0.18 U	0.18 U	0.19 U	0.19 U
Di-N-Octyl phthalate	0.18 U	0.18 U	0.19 U	0.19 U
Fluoranthene	0.75	0.078	0.47	0.37
Fluorene	0.087	0.036 U	0.026 J	0.022 J
Hexachlorobenzene	0.073 U	0.072 U	0.076 U	0.077 U
Hexachlorobutadiene	0.18 U	0.18 U	0.19 U	0.19 U
Hexachlorocyclopentadiene	0.73 U	0.72 U	0.76 U	0.77 R
Hexachloroethane	0.18 U	0.18 U	0.19 U	0.19 U
Indeno(1,2,3-cd)pyrene	0.4 J	0.029 J	0.099	0.075 J
Isophorone	0.18 U	0.18 U	0.19 U	0.19 U
Naphthalene	0.072	0.0062 J	0.17	0.21
Nitrobenzene	0.036 U	0.036 U	0.037 U	0.038 U
N-Nitroso-di-N-propylamine	0.073 U	0.072 U	0.076 U	0.077 U
N-Nitrosodiphenylamine	0.18 U	0.18 U	0.19 U	0.19 U
Pentachlorophenol	0.73 R	0.72 U	0.76 R	0.77 R
Phenanthrene	0.86	0.061	0.34	0.29
Phenol	0.18 U	0.18 U	0.19 U	0.19 U
Pyrene	1.9 J	0.23 J	0.44	0.42 J

Table D-3
Summary of Inorganics - Soil
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-1	ROW-2	ROW-2	ROW-3	ROW-4
Sample Date	5/26/2021	5/27/2021	5/27/2021	5/26/2021	5/27/2021
Field Sample ID	ROW-1(0-2)-052621	ROW-2(0-2)-052721D	ROW-2(0-2)-052721	ROW-3(0-2)-052621	ROW-4(0-2)-052721
DeliveryGroup	500-199752-1	500-199833-1	500-199833-1	500-199752-1	500-199833-1
LocationCode	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1
Laboratory pH (s.u.)	8.5	8.6	8.8	9.2	8.8
Total Metals (mg/kg)					
Antimony, Total	0.56 J	0.47 J	0.67 J	0.77 J	0.49 J
Arsenic, Total	5.5	5.5	5.6	4.8	2.6
Barium, Total	59 J	63	64	59	28
Beryllium, Total	0.62	0.61	0.66	0.49	0.41
Cadmium, Total	0.57 B	0.37 J	0.39 B	0.29 J	0.25 J
Calcium, Total	75000 J	71000 B	69000 B	100000 B	150000 B
Chromium, Total	18	14	16	21	8.9
Cobalt, Total	7.3	7.7	8.1	7.2	3.5
Copper, Total	26 J	15	17	22	11
Iron, Total	19000 J	13000	14000	17000 B	9100
Lead, Total	99	93	78	27	33
Magnesium, Total	43000 J	34000	31000	57000 B	91000
Manganese, Total	400 B	390	460	570 B	350
Mercury, Total	0.054	0.026	0.029	0.018	0.024
Nickel, Total	19	16	18	18	8.8
Potassium, Total	1400 J	1300	1200	1500	1000
Selenium, Total	0.52 U	0.58 U	0.55 U	0.31 J	0.49 U
Silver, Total	0.29 J	0.38	0.37	0.29	0.19 J
Sodium, Total	1200	1500	1800	1100	520
Thallium, Total	0.52 U	0.58 U	0.55 U	0.52 U	0.49 U
Vanadium, Total	20	21	22	19	11
Zinc, Total	130	84	92	74	46
TCLP Metals (mg/l)					
Arsenic, TCLP	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Barium, TCLP	0.44 J	0.59	0.59	0.48 J	0.42 J
Beryllium, TCLP	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
Cadmium, TCLP	0.0026 J	0.005 U	0.005 U	0.005 U	0.005 U
Chromium, TCLP	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Cobalt, TCLP	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Copper, TCLP	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Iron, TCLP	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Lead, TCLP	0.0098	0.0075 U	0.0075 U	0.0075 U	0.0084
Manganese, TCLP	0.97	1.2	1.3	0.76	1.3
Mercury, TCLP	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel, TCLP	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Selenium, TCLP	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver, TCLP	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Zinc, TCLP	0.099 J	0.033 J	0.04 J	0.044 J	0.072 J
SPLP Metals (mg/l)					
Arsenic, SPLP	0.044 J	0.062	0.073	0.063	0.05
Barium, SPLP	0.36 J	0.84 J	0.97	0.45 J	0.44 J
Beryllium, SPLP	0.0055	0.0083	0.0095	0.0069	0.0063
Cadmium, SPLP	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chromium, SPLP	0.11	0.18	0.21	0.14	0.13
Cobalt, SPLP	0.028	0.048	0.055	0.043	0.033
Copper, SPLP	0.12	0.17	0.19	0.18	0.13
Iron, SPLP	110	180	210	140	130
Lead, SPLP	0.21	0.27 J	0.28	0.2	0.25
Manganese, SPLP	0.54	0.96 J	1.1	0.76	0.62
Mercury, SPLP	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel, SPLP	0.11	0.17	0.2	0.14	0.12
Selenium, SPLP	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver, SPLP	0.025 U	0.025 UJ	0.025 U	0.025 U	0.025 U
Zinc, SPLP	0.51	0.69 J	0.79	0.62	0.48 J

Table D-3
Summary of Inorganics - Soil
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-5	ROW-6	ROW-7	ROW-8	ROW-9
Sample Date	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021
Field Sample ID	ROW-5(0-2)-052621	ROW-6(0-2)-052721	ROW-7(0-2)-052621	ROW-8(0-2)-052721	ROW-9(0-2)-052621
DeliveryGroup	500-199752-1	500-199833-1	500-199752-1	500-199833-1	500-199752-1
LocationCode	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1
Laboratory pH (s.u.)	8.5	8.6	8.6	8.6	8.7
Total Metals (mg/kg)					
Antimony, Total	0.85 J	0.6 J	0.93 J	0.76 J	0.72 J
Arsenic, Total	8.4	5.4	8	7.3	7.1
Barium, Total	63	71	81	83	49
Beryllium, Total	0.83	0.59	0.76	0.75	0.74
Cadmium, Total	0.14 J	0.56 B	0.42 B	0.26 J	0.33 J
Calcium, Total	20000 B	95000 B	62000 B	32000 B	69000 B
Chromium, Total	19	15	23	18	19
Cobalt, Total	10	9.2	13	12	11
Copper, Total	18	17	25	23	21
Iron, Total	19000 B	18000	20000 B	16000	17000 B
Lead, Total	16	170	33	55	25
Magnesium, Total	13000 B	57000	25000 B	21000	30000 B
Manganese, Total	310 B	400	460 B	480	390 B
Mercury, Total	0.02	0.035	0.027	0.027	0.018 J
Nickel, Total	24	19	29	20	27
Potassium, Total	2100	1500	2100	1300	2700
Selenium, Total	0.57 J	0.58 U	0.58 U	0.39 J	0.43 J
Silver, Total	0.45	0.34	0.45	0.42	0.41
Sodium, Total	3000	1800	2100	2200	1900
Thallium, Total	0.58 U	0.58 U	0.58 U	0.6 U	0.58 U
Vanadium, Total	33	19	26	28	23
Zinc, Total	58	80	100	67	83
TCLP Metals (mg/l)					
Arsenic, TCLP	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Barium, TCLP	0.44 J	0.63	0.46 J	0.56	0.39 J
Beryllium, TCLP	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
Cadmium, TCLP	0.005 U	0.0026 J	0.005 U	0.005 U	0.005 U
Chromium, TCLP	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Cobalt, TCLP	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Copper, TCLP	0.025 U	0.016 J	0.025 U	0.027	0.025 U
Iron, TCLP	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Lead, TCLP	0.0075 U	0.014	0.0075 U	0.016	0.0075 U
Manganese, TCLP	0.68	0.57	0.29	0.94	0.74
Mercury, TCLP	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel, TCLP	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Selenium, TCLP	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver, TCLP	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Zinc, TCLP	0.5 U	0.084 J	0.038 J	0.11 J	0.041 J
SPLP Metals (mg/l)					
Arsenic, SPLP	0.11	0.091	0.06	0.036 J	0.1
Barium, SPLP	0.61	0.83	0.49 J	0.54	0.51
Beryllium, SPLP	0.0099	0.011	0.0068	0.005	0.0095
Cadmium, SPLP	0.005 U	0.0031 J	0.005 U	0.005 U	0.005 U
Chromium, SPLP	0.2	0.23	0.15	0.12	0.19
Cobalt, SPLP	0.066	0.062	0.047	0.027	0.061
Copper, SPLP	0.24	0.23	0.18	0.12	0.24
Iron, SPLP	220	240	140	100	200
Lead, SPLP	0.15	0.66	0.23	0.23	0.17
Manganese, SPLP	0.83	1.1	0.68	0.78	0.83
Mercury, SPLP	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel, SPLP	0.24	0.22	0.15	0.1	0.22
Selenium, SPLP	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver, SPLP	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Zinc, SPLP	0.62	0.97	0.64	0.47 J	0.68

Table D-3
Summary of Inorganics - Soil
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-10	ROW-11	ROW-12	ROW-13	ROW-14
Sample Date	5/27/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021
Field Sample ID	ROW-10(0-2)-052721	ROW-11(0-2)-052621	ROW-12(0-2)-052721	ROW-13(0-2)-052621	ROW-14(0-2)-052721
DeliveryGroup	500-199833-1	500-199752-1	500-199833-1	500-199752-1	500-199833-1
LocationCode	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1
Laboratory pH (s.u.)	8.5	8.9	8.6	8.7	8.8
Total Metals (mg/kg)					
Antimony, Total	0.51 J	0.47 J	0.47 J	1.2	0.5 J
Arsenic, Total	6.4	4.7	2.9	5.9	2.1
Barium, Total	40	31	65	130	29
Beryllium, Total	0.63	0.48	0.4	0.61	0.31
Cadmium, Total	0.28 J	0.34 J	0.42 B	0.42 B	0.25 J
Calcium, Total	83000 B	120000 B	140000 B	86000 B	130000 B
Chromium, Total	17	12	21	51	22
Cobalt, Total	11	6.5	4.7	8.2	4
Copper, Total	25	15	21	34	18
Iron, Total	23000	13000 B	12000	19000 B	12000
Lead, Total	75	51	31	42	32
Magnesium, Total	45000	70000 B	77000	33000 B	71000
Manganese, Total	400	270 B	460	640 B	570
Mercury, Total	0.021	0.019	0.016 J	0.022	0.016 J
Nickel, Total	26	17	13	21	12
Potassium, Total	2000	1800	860	1500	710
Selenium, Total	0.56 U	0.52 U	0.53 U	0.36 J	0.55 U
Silver, Total	0.42	0.26	0.22 J	0.35	0.25 J
Sodium, Total	1400	1100	840	1600	550
Thallium, Total	0.56 U	0.31 J	0.53 U	0.6 U	0.55 U
Vanadium, Total	20	15	19	22	28
Zinc, Total	82	59	120	170	55
TCLP Metals (mg/l)					
Arsenic, TCLP	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Barium, TCLP	0.56	0.36 J	0.66	0.62	0.38 J
Beryllium, TCLP	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
Cadmium, TCLP	0.0025 J	0.005 U	0.002 J	0.0021 J	0.005 U
Chromium, TCLP	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Cobalt, TCLP	0.021 J	0.025 U	0.025 U	0.025 U	0.025 U
Copper, TCLP	0.083	0.025 U	0.046	0.025 U	0.015 J
Iron, TCLP	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Lead, TCLP	0.0098	0.0075 U	0.0075 U	0.0075 U	0.0075 U
Manganese, TCLP	3.1	0.38	1.1	0.61	5.5
Mercury, TCLP	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel, TCLP	0.034 J	0.025 U	0.025 U	0.025 U	0.025 U
Selenium, TCLP	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver, TCLP	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Zinc, TCLP	0.15 J	0.023 J	0.28 J	0.072 J	0.098 J
SPLP Metals (mg/l)					
Arsenic, SPLP	0.092	0.095	0.05 U	0.076	0.011 J
Barium, SPLP	0.59	0.39 J	0.18 J	0.66	0.23 J
Beryllium, SPLP	0.0094	0.0083	0.004 U	0.0084	0.004 U
Cadmium, SPLP	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chromium, SPLP	0.18	0.17	0.04	0.18	0.059
Cobalt, SPLP	0.096	0.065	0.025 U	0.052	0.025 U
Copper, SPLP	0.24	0.21	0.045	0.18	0.044
Iron, SPLP	200	190	29	180	43
Lead, SPLP	0.3	0.23	0.062	0.2	0.052
Manganese, SPLP	1.4	0.83	0.25	0.85	0.24
Mercury, SPLP	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel, SPLP	0.25	0.2	0.03	0.18	0.038
Selenium, SPLP	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver, SPLP	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Zinc, SPLP	0.71	0.65	0.26 J	0.64	0.17 J

Table D-3
Summary of Inorganics - Soil
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-15	ROW-16	ROW-17	ROW-18	ROW-18
Sample Date	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/27/2021
Field Sample ID	ROW-15(0-2)-052621	ROW-16(0-2)-052721	ROW-17(0-2)-052621	ROW-18(0-2)-052721D	ROW-18(0-2)-052721
DeliveryGroup	500-199752-1	500-199833-1	500-199752-1	500-199833-1	500-199833-1
LocationCode	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1
Laboratory pH (s.u.)	8.4	8	8.3	8.5	8.4
Total Metals (mg/kg)					
Antimony, Total	0.88 J	0.84 J	0.73 J	0.77 J	1.2
Arsenic, Total	7.8	6.5	5.3	5.7	5.3
Barium, Total	55	110	73	76	120
Beryllium, Total	0.72	0.85	0.48	0.61	0.62
Cadmium, Total	0.23 J	0.16 J	0.55 B	0.5 B	0.73 B
Calcium, Total	61000 B	9600 B	85000 B	78000 B	82000 B
Chromium, Total	15	19	29	28	45
Cobalt, Total	11	12	6.1	9.5	8.4
Copper, Total	20	17	30	30	36
Iron, Total	17000 B	17000	17000 B	22000	22000
Lead, Total	29	38	92	88	87
Magnesium, Total	27000 B	6900	47000 B	44000	45000
Manganese, Total	400 B	530	530 B	460	580
Mercury, Total	0.025	0.048	0.024	0.039	0.053
Nickel, Total	26	22	21	23	22
Potassium, Total	2300	1300	1300	1400	1400
Selenium, Total	0.35 J	0.35 J	0.63	0.55 U	0.53 U
Silver, Total	0.4	0.59	0.27	0.4	0.41
Sodium, Total	1300	2500	1300	1300	1200
Thallium, Total	0.56 U	0.54 U	0.53 U	0.55 U	0.53 U
Vanadium, Total	22	32	25	26	30
Zinc, Total	60	63	170	150	190
TCLP Metals (mg/l)					
Arsenic, TCLP	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Barium, TCLP	0.52	0.71	0.46 J	0.7	0.66
Beryllium, TCLP	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
Cadmium, TCLP	0.005 U	0.005 U	0.003 J	0.0034 J	0.0027 J
Chromium, TCLP	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Cobalt, TCLP	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Copper, TCLP	0.025 U	0.021 J	0.025 U	0.086	0.084
Iron, TCLP	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Lead, TCLP	0.0075 U	0.0075 U	0.0085	0.01	0.0099
Manganese, TCLP	0.41	1.2	0.77	0.56	0.5
Mercury, TCLP	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel, TCLP	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Selenium, TCLP	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver, TCLP	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Zinc, TCLP	0.5 U	0.045 J	0.22 J	0.25 J	0.24 J
SPLP Metals (mg/l)					
Arsenic, SPLP	0.075	0.079	0.038 J	0.055	0.05
Barium, SPLP	0.57	1.1	0.4 J	0.63	0.56
Beryllium, SPLP	0.0083	0.011	0.0051	0.0068	0.006
Cadmium, SPLP	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chromium, SPLP	0.17	0.24	0.12	0.14	0.14
Cobalt, SPLP	0.055	0.053	0.029	0.039	0.032
Copper, SPLP	0.18	0.21	0.13	0.16	0.14
Iron, SPLP	180	230	110	150	130
Lead, SPLP	0.17	0.17	0.31	0.3	0.31
Manganese, SPLP	0.78	0.99	0.66	0.69	0.62
Mercury, SPLP	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel, SPLP	0.18	0.21	0.099	0.14	0.13
Selenium, SPLP	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver, SPLP	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Zinc, SPLP	0.56	0.76	0.88	0.62	0.54

Table D-3
Summary of Inorganics - Soil
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-19	ROW-19	ROW-20	ROW-21	ROW-22
Sample Date	5/26/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021
Field Sample ID	ROW-19(0-2)-052621D	ROW-19(0-2)-052621	ROW-20(0-2)-052721	ROW-21(0-2)-052621	ROW-22(0-2)-052721
DeliveryGroup	500-199752-1	500-199752-1	500-199833-1	500-199752-1	500-199833-1
LocationCode	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1
Laboratory pH (s.u.)	7.6	7.8	8.4	9.1	8.7
Total Metals (mg/kg)					
Antimony, Total	0.65 J	0.64 J	0.85 J	0.39 J	1.2 J
Arsenic, Total	6.5	5.1	6.8	1.7	3.7
Barium, Total	83	100	57	39	110 J
Beryllium, Total	0.8	0.68	0.79	0.28	0.47 J
Cadmium, Total	0.11 UJ	0.3 J	0.24 J	0.26 J	0.57 B
Calcium, Total	2600 J	8300 J	28000 B	190000 B	120000 B
Chromium, Total	19	15	17	9.6	28 J
Cobalt, Total	8.7	7.5	11	2.4	6.5 J
Copper, Total	13	14	19	14	26 J
Iron, Total	17000 B	13000 B	18000	13000 B	16000 J
Lead, Total	14 J	25 J	29	20	79
Magnesium, Total	3100 J	5300 J	17000	110000 B	69000 J
Manganese, Total	150 J	410 J	300	290 B	660
Mercury, Total	0.03	0.036	0.028	0.011 J	0.028
Nickel, Total	21	16	25	7.6	17
Potassium, Total	1500	1300	2000	700	840 J
Selenium, Total	0.67	0.64	0.55 U	0.49 U	0.51 UJ
Silver, Total	0.49	0.45	0.54	0.14 J	0.33
Sodium, Total	1000	1100	1700	590	1000 J
Thallium, Total	0.48 J	0.59 U	0.55 U	0.49 U	0.51 U
Vanadium, Total	30	27	27	9.7	23 J
Zinc, Total	48	61	61	52	390 J
TCLP Metals (mg/l)					
Arsenic, TCLP	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Barium, TCLP	0.52	0.53	0.56	0.43 J	0.53
Beryllium, TCLP	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
Cadmium, TCLP	0.005 U	0.005 U	0.0021 J	0.005 U	0.003 J
Chromium, TCLP	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Cobalt, TCLP	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Copper, TCLP	0.025 U	0.025 U	0.13	0.025 U	0.027
Iron, TCLP	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Lead, TCLP	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075
Manganese, TCLP	0.71	0.45	0.077	1.2	1.4
Mercury, TCLP	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel, TCLP	0.025 U	0.025 U	0.025 U	0.013 J	0.025 U
Selenium, TCLP	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver, TCLP	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Zinc, TCLP	0.037 J	0.039 J	0.12 J	0.1 J	1
SPLP Metals (mg/l)					
Arsenic, SPLP	0.033 J	0.041 J	0.075	0.05 U	0.021 J
Barium, SPLP	0.49 J	0.66	0.58	0.16 J	0.28 J
Beryllium, SPLP	0.0048	0.0063	0.0082	0.004 U	0.004 U
Cadmium, SPLP	0.005 U	0.005 U	0.0023 J	0.005 U	0.005 U
Chromium, SPLP	0.11	0.14	0.16	0.035	0.077
Cobalt, SPLP	0.024 J	0.031	0.057	0.025 U	0.017 J
Copper, SPLP	0.083	0.1	0.18	0.039	0.075
Iron, SPLP	100	130	170	26	66
Lead, SPLP	0.077	0.1	0.2	0.062	0.16
Manganese, SPLP	0.45	0.59	0.92	0.22	0.36
Mercury, SPLP	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel, SPLP	0.089	0.12	0.17	0.024 J	0.066
Selenium, SPLP	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver, SPLP	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Zinc, SPLP	0.3 J	0.41 J	0.53	0.22 J	0.72

Table D-3
Summary of Inorganics - Soil
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-23	ROW-24	ROW-25	ROW-26	ROW-27
Sample Date	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021
Field Sample ID	ROW-23(0-2)-052621	ROW-24(0-2)-052721	ROW-25(0-2)-052621	ROW-26(0-2)-052721	ROW-27(0-2)-052621
DeliveryGroup	500-199752-1	500-199832-1	500-199752-1	500-199832-1	500-199752-1
LocationCode	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1
Laboratory pH (s.u.)	8	8.2	8.5	8.5	8.8
Total Metals (mg/kg)					
Antimony, Total	0.47 J	0.55 J	0.71 J	0.81 J	0.63 J
Arsenic, Total	4	7.4	8	7.6	7.4
Barium, Total	40	87	60	62	48
Beryllium, Total	0.46	0.76	0.7	0.67	0.65
Cadmium, Total	0.28 J	0.18	0.26 J	0.4	0.29 J
Calcium, Total	140000 B	5500 B	80000 B	73000 B	69000 B
Chromium, Total	19	15	19	18	18
Cobalt, Total	5.9	10	11	11	10
Copper, Total	17	16	23	24	24
Iron, Total	13000 B	17000	21000 B	17000	16000 B
Lead, Total	20	26	25	58	19
Magnesium, Total	85000 B	4200 B	45000 B	32000 B	32000 B
Manganese, Total	600 B	270	360 B	400	390 B
Mercury, Total	0.014 J	0.038	0.031	0.022	0.026
Nickel, Total	13	23	28	29	24
Potassium, Total	1100	1100	2500	1700	2000
Selenium, Total	0.57 U	0.39 J	0.56 U	0.57 U	0.55 U
Silver, Total	0.28	0.54	0.38	0.46	0.34
Sodium, Total	1000	1600	1600	2000	910
Thallium, Total	0.57 U	0.58 U	0.56 U	0.57 U	0.55 U
Vanadium, Total	28	22	21	25	22
Zinc, Total	74	95	64	88	130
TCLP Metals (mg/l)					
Arsenic, TCLP	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Barium, TCLP	0.53	0.65	0.41 J	0.7	0.54
Beryllium, TCLP	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
Cadmium, TCLP	0.005 U	0.005 U	0.005 U	0.005 U	0.0022 J
Chromium, TCLP	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Cobalt, TCLP	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Copper, TCLP	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Iron, TCLP	0.4 U	0.4 U	0.2 J	0.4 U	0.4 U
Lead, TCLP	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U
Manganese, TCLP	1.2	0.6	0.88	0.74	0.51
Mercury, TCLP	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel, TCLP	0.025 U	0.072 J	0.025 U	0.022 J	0.025 U
Selenium, TCLP	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver, TCLP	0.025 U	0.025 UJ	0.025 U	0.025 U	0.025 U
Zinc, TCLP	0.099 J	0.32 J	0.029 J	0.028 J	0.16 J
SPLP Metals (mg/l)					
Arsenic, SPLP	0.023 J	0.028 J	0.094	0.092	0.091
Barium, SPLP	0.25 J	0.65 J	0.48 J	0.69	0.55
Beryllium, SPLP	0.004 U	0.0047	0.0087	0.0091	0.008
Cadmium, SPLP	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chromium, SPLP	0.063	0.1	0.17	0.18	0.15
Cobalt, SPLP	0.018 J	0.021 J	0.068	0.053	0.055
Copper, SPLP	0.087	0.09	0.23	0.21	0.21
Iron, SPLP	65	100	190	200	180
Lead, SPLP	0.08	0.13 J	0.16	0.23	0.14
Manganese, SPLP	0.51	0.75 J	0.77	0.82	0.76
Mercury, SPLP	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel, SPLP	0.068	0.076	0.2	0.19	0.17
Selenium, SPLP	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver, SPLP	0.025 U	0.025 UJ	0.025 U	0.025 U	0.025 U
Zinc, SPLP	0.36 J	0.76 J	0.55	0.59	0.79

Table D-3
Summary of Inorganics - Soil
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-28	ROW-29	ROW-30	ROW-31	ROW-32
Sample Date	5/27/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021
Field Sample ID	ROW-28(0-2)-052721	ROW-29(0-2)-052621	ROW-30(0-2)-052721	ROW-31(0-2)-052621	ROW-32(0-2)-052721
DeliveryGroup	500-199832-1	500-199752-1	500-199832-1	500-199752-1	500-199832-1
LocationCode	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1
Laboratory pH (s.u.)	8.6	8.9	8.4	8.2	8.7
Total Metals (mg/kg)					
Antimony, Total	0.56 J	0.91 J	0.71 J	1.8	1.3
Arsenic, Total	7.9	7.7	6.4	3.5	2.5
Barium, Total	45	64	110	72	130
Beryllium, Total	0.68	0.72	0.78	0.45	0.39
Cadmium, Total	0.21	0.37 J	0.21	0.49 B	0.54
Calcium, Total	68000 B	29000 B	17000 B	94000 B	170000 B
Chromium, Total	16	16	17	160	54
Cobalt, Total	12	12	11	5.1	3.5
Copper, Total	28	20	21	20	36
Iron, Total	17000	17000 B	18000	13000 B	22000
Lead, Total	20	22	20	590	28
Magnesium, Total	28000 B	20000 B	12000 B	56000 B	87000 B
Manganese, Total	370	460 B	380	430 B	970
Mercury, Total	0.034	0.031	0.028	0.015 J	0.017
Nickel, Total	29	27	27	13	16
Potassium, Total	1800	1600	1300	1000	530
Selenium, Total	0.58 U	0.4 J	0.43 J	0.56 U	0.38 J
Silver, Total	0.45	0.44	0.6	0.28	0.35
Sodium, Total	1500	2700	2200	1500	510
Thallium, Total	0.58 U	0.54 U	0.57 U	0.56 U	2.5 U
Vanadium, Total	21	26	26	21	55
Zinc, Total	72	63	77	82	180
TCLP Metals (mg/l)					
Arsenic, TCLP	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Barium, TCLP	0.46 J	0.49 J	0.59	0.44 J	0.69
Beryllium, TCLP	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
Cadmium, TCLP	0.005 U	0.005 U	0.005 U	0.0022 J	0.0039 J
Chromium, TCLP	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Cobalt, TCLP	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Copper, TCLP	0.025 U	0.025 U	0.025 U	0.025 U	0.026
Iron, TCLP	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Lead, TCLP	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U
Manganese, TCLP	0.61	0.49	0.43	0.97	2.2
Mercury, TCLP	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel, TCLP	0.13	0.025 U	0.049	0.025 U	0.037
Selenium, TCLP	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver, TCLP	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Zinc, TCLP	0.026 J	0.025 J	0.021 J	0.11 J	0.93
SPLP Metals (mg/l)					
Arsenic, SPLP	0.067	0.074	0.075	0.054	0.05 U
Barium, SPLP	0.5	0.56	0.9	0.57	0.17 J
Beryllium, SPLP	0.0066	0.0077	0.01	0.0066	0.004 U
Cadmium, SPLP	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chromium, SPLP	0.13	0.15	0.21	0.15	0.03
Cobalt, SPLP	0.041	0.045	0.054	0.032	0.025 U
Copper, SPLP	0.15	0.17	0.2	0.16	0.062
Iron, SPLP	150	170	230	150	22
Lead, SPLP	0.17	0.15	0.12	0.22	0.067
Manganese, SPLP	0.72	0.91	0.89	0.86	0.26
Mercury, SPLP	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel, SPLP	0.14	0.16	0.19	0.12	0.025
Selenium, SPLP	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver, SPLP	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Zinc, SPLP	0.52	0.53	0.71	0.58	0.26 J

Table D-3
Summary of Inorganics - Soil
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-33	ROW-34	ROW-35	ROW-36	ROW-37
Sample Date	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021
Field Sample ID	ROW-33(0-2)-052621	ROW-34(0-2)-052721	ROW-35(0-2)-052621	ROW-36(0-2)-052721	ROW-37(0-2)-052621
DeliveryGroup	500-199752-1	500-199832-1	500-199752-1	500-199832-1	500-199752-1
LocationCode	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1
Laboratory pH (s.u.)	8.2	8.1	8.2	8.7	8.9
Total Metals (mg/kg)					
Antimony, Total	0.72 J	0.83 J	0.54 J	0.58 J	0.79 J
Arsenic, Total	4.7	9.4	7.3	4.9	3.3
Barium, Total	83	95	78	110	74
Beryllium, Total	0.58	0.73	0.6	0.55	0.51
Cadmium, Total	0.67 B	0.26	0.3 J	0.71	0.72 B
Calcium, Total	49000 B	13000 B	21000 B	100000 B	77000 B
Chromium, Total	29	18	13	25	46
Cobalt, Total	6.8	12	9.2	8.8	5.3
Copper, Total	32	20	15	33	23
Iron, Total	16000 B	18000	14000 B	20000	19000 B
Lead, Total	120	29	31	98	57
Magnesium, Total	22000 B	8600 B	13000 B	57000 B	38000 B
Manganese, Total	510 B	480	510 B	500	1900 B
Mercury, Total	0.032	0.025	0.026	0.027	0.017 J
Nickel, Total	16	33	20	21	13
Potassium, Total	920	1400	1200	900	650
Selenium, Total	0.31 J	0.56 J	0.42 J	0.56 U	0.46 J
Silver, Total	0.38	0.65	0.41	0.32	0.49 J
Sodium, Total	2300	1500	1800	1500	1500
Thallium, Total	0.53 U	0.63 U	0.53 U	0.56 U	2.5 U
Vanadium, Total	25	27	22	20	48
Zinc, Total	140	95	56	260	220
TCLP Metals (mg/l)					
Arsenic, TCLP	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Barium, TCLP	0.49 J	0.79	0.59	0.57	0.51
Beryllium, TCLP	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
Cadmium, TCLP	0.0033 J	0.0026 J	0.005 U	0.0041 J	0.0038 J
Chromium, TCLP	0.025 U	0.025 U	0.11	0.025 U	0.025 U
Cobalt, TCLP	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Copper, TCLP	0.025 U	0.025 U	0.021 J	0.011 J	0.012 J
Iron, TCLP	0.4 U	0.4 U	0.48	0.4 U	0.4 U
Lead, TCLP	0.0075 U	0.0075 U	0.0075 U	0.0093	0.0075 U
Manganese, TCLP	0.88	0.78	0.94	1.1	1.7
Mercury, TCLP	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel, TCLP	0.025 U	0.025 U	0.1	0.02 J	0.014 J
Selenium, TCLP	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver, TCLP	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Zinc, TCLP	0.091 J	0.15 J	0.021 J	0.2 J	0.16 J
SPLP Metals (mg/l)					
Arsenic, SPLP	0.059	0.055	0.063	0.033 J	0.039 J
Barium, SPLP	0.84	0.93	0.65	0.43 J	0.55
Beryllium, SPLP	0.0082	0.0069	0.0072	0.0044	0.0054
Cadmium, SPLP	0.0031 J	0.005 U	0.005 U	0.005 U	0.0021 J
Chromium, SPLP	0.2	0.15	0.16	0.098	0.14
Cobalt, SPLP	0.037	0.045	0.041	0.025	0.032
Copper, SPLP	0.19	0.14	0.14	0.12	0.13
Iron, SPLP	200	150	160	92	120
Lead, SPLP	0.24	0.18	0.14	0.3	0.25
Manganese, SPLP	0.82	1	0.93	0.61	0.86
Mercury, SPLP	0.00023	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel, SPLP	0.16	0.13	0.14	0.087	0.11
Selenium, SPLP	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver, SPLP	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Zinc, SPLP	0.84	0.63	0.48 J	0.55	0.61

Table D-3
Summary of Inorganics - Soil
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-38	ROW-38	ROW-39	ROW-39	ROW-40
Sample Date	5/27/2021	5/27/2021	5/26/2021	5/26/2021	5/27/2021
Field Sample ID	ROW-38(0-2)-052721D	ROW-38(0-2)-052721	ROW-39(0-2)-052621D	ROW-39(0-2)-052621	ROW-40(0-2)-052721
DeliveryGroup	500-199832-1	500-199832-1	500-199753-1	500-199753-1	500-199832-1
LocationCode	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1
Laboratory pH (s.u.)	7.9	7.8	8.3	7.9	8.4
Total Metals (mg/kg)					
Antimony, Total	0.79 J	0.45 J	0.65 J	0.89 J	0.57 J
Arsenic, Total	7.4	6.2	5.5	5.1 J	3.9
Barium, Total	120	100	80	73 J	62
Beryllium, Total	0.7	0.65	0.64	0.54	0.67
Cadmium, Total	0.13	0.21	0.3	0.26	0.26
Calcium, Total	3800 J	25000 J	20000 B	20000 J	67000 B
Chromium, Total	18	20	18	25 J	19
Cobalt, Total	11	9.9	8.4	7.1	10
Copper, Total	16	19	17	15 J	21
Iron, Total	17000	15000	14000	14000 J	15000
Lead, Total	22 J	39 J	42 J	19 J	35
Magnesium, Total	3900 J	17000 J	12000	12000 J	29000 B
Manganese, Total	450	370	400 B	530 J	320
Mercury, Total	0.051	0.043 J	0.038	0.024	0.02
Nickel, Total	20	26	18	16	27
Potassium, Total	890	890	1100	680 J	2000
Selenium, Total	0.4 J	0.58 U	0.55 U	0.4 J	0.55 U
Silver, Total	0.52	0.44	0.49	0.36	0.36
Sodium, Total	3000	2600	2600 B	2200 B	1100
Thallium, Total	0.59 U	0.58 U	0.59	0.89 J	0.55 U
Vanadium, Total	31	28	25	23 J	20
Zinc, Total	71	100	69	63 J	88
TCLP Metals (mg/l)					
Arsenic, TCLP	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Barium, TCLP	0.85	0.83	0.66	0.66	0.71
Beryllium, TCLP	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
Cadmium, TCLP	0.005 U	0.005 U	0.0022 J	0.002 J	0.0024 J
Chromium, TCLP	0.013 J	0.025 U	0.025 U	0.025 U	0.025 U
Cobalt, TCLP	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Copper, TCLP	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Iron, TCLP	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Lead, TCLP	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U
Manganese, TCLP	0.63	0.57	2.1	3	1.3
Mercury, TCLP	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel, TCLP	0.022 J	0.025 U	0.025 U	0.012 J	0.012 J
Selenium, TCLP	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver, TCLP	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Zinc, TCLP	0.087 J	0.081 J	0.063 J	0.13 J	0.11 J
SPLP Metals (mg/l)					
Arsenic, SPLP	0.04 J	0.035 J	0.05	0.051	0.051
Barium, SPLP	0.78	0.66	0.75	0.72	0.74
Beryllium, SPLP	0.0051	0.0043	0.0068	0.0066	0.0088
Cadmium, SPLP	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chromium, SPLP	0.12	0.1	0.16	0.15	0.17
Cobalt, SPLP	0.024 J	0.02 J	0.036	0.036	0.059
Copper, SPLP	0.093	0.08	0.12	0.12	0.18
Iron, SPLP	130	110	150	150	160
Lead, SPLP	0.075	0.064	0.2 J	0.11 J	0.13
Manganese, SPLP	0.96	0.85	0.64	0.69	0.88
Mercury, SPLP	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel, SPLP	0.088	0.076	0.12	0.12	0.18
Selenium, SPLP	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver, SPLP	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Zinc, SPLP	0.34 J	0.33 J	0.5	0.49 J	0.46 J

Table D-3
Summary of Inorganics - Soil
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-41	ROW-42	ROW-43	ROW-44	ROW-45
Sample Date	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021
Field Sample ID	ROW-41(0-2)-052621	ROW-42(0-2)-052721	ROW-43(0-2)-052621	ROW-44(0-2)-052721	ROW-45(0-2)-052621
DeliveryGroup	500-199753-1	500-199832-1	500-199753-1	500-199832-1	500-199753-1
LocationCode	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1
Laboratory pH (s.u.)	8.5	8.7	8.9	9	8.5
Total Metals (mg/kg)					
Antimony, Total	0.64 J	0.6 J	0.56 J	1.8	0.55 J
Arsenic, Total	5.9	6.2	7	4	4.5
Barium, Total	78	67	47	72	95
Beryllium, Total	0.69	0.59	0.72	0.49	0.65
Cadmium, Total	0.31	0.39	0.21	0.57	0.36
Calcium, Total	32000 B	67000 B	66000 B	140000 B	47000 B
Chromium, Total	19	17	15	99	20
Cobalt, Total	11	8.2	12	5.5	7.8
Copper, Total	17	22	21	33	20
Iron, Total	16000	16000	17000	21000	14000
Lead, Total	23	42	18	88	35
Magnesium, Total	19000	30000 B	29000	83000 B	22000
Manganese, Total	510 B	310	330 B	940	400 B
Mercury, Total	0.023	0.027	0.022	0.024	0.025
Nickel, Total	22	23	26	18	17
Potassium, Total	1400	1100	2000	800	1100
Selenium, Total	0.53 J	0.38 J	0.55 U	0.52 U	0.36 J
Silver, Total	0.43	0.33	0.39	0.31	0.42
Sodium, Total	2300 B	1400	1600 B	990	2000 B
Thallium, Total	0.78	0.54 U	0.34 J	0.52 U	0.58
Vanadium, Total	28	20	22	25	27
Zinc, Total	93	120	63	160	140
TCLP Metals (mg/l)					
Arsenic, TCLP	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Barium, TCLP	0.65	0.57	0.77	0.49 J	0.79
Beryllium, TCLP	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
Cadmium, TCLP	0.005 U	0.0021 J	0.005 U	0.0027 J	0.0023 J
Chromium, TCLP	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Cobalt, TCLP	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Copper, TCLP	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Iron, TCLP	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 UJ
Lead, TCLP	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U
Manganese, TCLP	2.1	0.85	1.9	0.81	1.5
Mercury, TCLP	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel, TCLP	0.025 U	0.014 J	0.016 J	0.025 U	0.025 U
Selenium, TCLP	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver, TCLP	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Zinc, TCLP	0.052 J	0.083 J	0.5 U	0.11 J	0.12 J
SPLP Metals (mg/l)					
Arsenic, SPLP	0.054	0.047 J	0.084	0.04 J	0.037 J
Barium, SPLP	0.81	0.66	0.75	0.49 J	0.87
Beryllium, SPLP	0.0082	0.0066	0.0094	0.0051	0.0062
Cadmium, SPLP	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chromium, SPLP	0.18	0.13	0.19	0.11	0.15
Cobalt, SPLP	0.047	0.038	0.069	0.029	0.032
Copper, SPLP	0.15	0.13	0.21	0.11	0.16
Iron, SPLP	180	140	200	100	140
Lead, SPLP	0.11	0.15	0.13	0.21	0.15
Manganese, SPLP	0.79	0.68	0.98	0.61	0.74
Mercury, SPLP	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel, SPLP	0.15	0.12	0.22	0.097	0.11
Selenium, SPLP	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver, SPLP	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Zinc, SPLP	0.55	0.53	0.58	0.52	0.75

Table D-3
Summary of Inorganics - Soil
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-46	ROW-47	ROW-48	ROW-49	ROW-50
Sample Date	5/27/2021	5/26/2021	5/27/2021	5/26/2021	5/27/2021
Field Sample ID	ROW-46(0-2)-052721	ROW-47(0-2)-052621	ROW-48(0-2)-052721	ROW-49(0-2)-052621	ROW-50(0-2)-052721
DeliveryGroup	500-199832-1	500-199753-1	500-199832-1	500-199753-1	500-199832-1
LocationCode	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1
Laboratory pH (s.u.)	8.5	8	8.1	8.2	8.6
Total Metals (mg/kg)					
Antimony, Total	0.52 J	1 J	0.64 J	0.67 J	0.64 J
Arsenic, Total	5.3	4.3	5.9	6.7	4
Barium, Total	84	120	84	78	160
Beryllium, Total	0.73	0.67	0.71	0.69	0.75
Cadmium, Total	0.49	0.43	0.45	0.31	0.58
Calcium, Total	85000 B	32000 B	55000 B	58000 B	140000 B
Chromium, Total	14	33	20	19	20
Cobalt, Total	8	6.7	9.7	11	5.9
Copper, Total	21	20	23	18	25
Iron, Total	21000	16000	15000	16000	20000
Lead, Total	98	43	81	29	57
Magnesium, Total	49000 B	19000	26000 B	29000	77000 B
Manganese, Total	420	570 B	510	520 B	590
Mercury, Total	0.026	0.025	0.032	0.033	0.024
Nickel, Total	22	16	23	20	19
Potassium, Total	1100	1200	1200	1300	770
Selenium, Total	0.39 J	0.59 U	0.57 U	0.52 J	0.46 J
Silver, Total	0.34	0.43	0.46	0.43	0.42
Sodium, Total	1500	2100 B	1300	2100 B	1000
Thallium, Total	0.53 U	0.91	0.57 U	0.95	0.56 U
Vanadium, Total	19	35	27	26	18
Zinc, Total	110	150	120	97	140
TCLP Metals (mg/l)					
Arsenic, TCLP	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Barium, TCLP	0.54	0.73	0.52	0.59	0.57
Beryllium, TCLP	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
Cadmium, TCLP	0.002 J	0.0032 J	0.005 U	0.005 U	0.0037 J
Chromium, TCLP	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Cobalt, TCLP	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Copper, TCLP	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Iron, TCLP	0.4 U	0.4 UJ	0.4 U	0.4 U	0.4 U
Lead, TCLP	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0076
Manganese, TCLP	1.1	2.1	0.17	1.1	1.1
Mercury, TCLP	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel, TCLP	0.025 U	0.025 U	0.025 U	0.025 U	0.01 J
Selenium, TCLP	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver, TCLP	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Zinc, TCLP	0.056 J	0.18 J	0.065 J	0.1 J	0.19 J
SPLP Metals (mg/l)					
Arsenic, SPLP	0.046 J	0.043 J	0.051	0.061	0.04 J
Barium, SPLP	0.64	1.2	0.77	0.8	0.72
Beryllium, SPLP	0.0066	0.0082	0.0076	0.0081	0.0068
Cadmium, SPLP	0.005 U	0.0022 J	0.005 U	0.005 U	0.005 U
Chromium, SPLP	0.14	0.2	0.16	0.18	0.16
Cobalt, SPLP	0.037	0.037	0.033	0.04	0.035
Copper, SPLP	0.12	0.16	0.15	0.16	0.14
Iron, SPLP	140	180	170	190	150
Lead, SPLP	0.16	0.2	0.21	0.17	0.22
Manganese, SPLP	0.79	0.89	0.93	0.92	0.72
Mercury, SPLP	0.0002 U	0.00021	0.0002 U	0.00021	0.0002 U
Nickel, SPLP	0.12	0.14	0.13	0.16	0.11
Selenium, SPLP	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver, SPLP	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Zinc, SPLP	0.49 J	0.94	0.62	0.68	0.68

Table D-3
Summary of Inorganics - Soil
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-51	ROW-52	ROW-53	ROW-54	ROW-55
Sample Date	5/26/2021	5/27/2021	5/26/2021	5/27/2021	5/26/2021
Field Sample ID	ROW-51(0-2)-052621	ROW-52(0-2)-052721	ROW-53(0-2)-052621	ROW-54(0-2)-052721	ROW-55(0-2)-052621
DeliveryGroup	500-199753-1	500-199832-1	500-199753-1	500-199832-1	500-199753-1
LocationCode	2233V2-1	2233V2-1	2233V2-1	2233V2-1	2233V2-1
Laboratory pH (s.u.)	8.7	8.4	8.7	8.6	8.8
Total Metals (mg/kg)					
Antimony, Total	1.2	1.1	0.65 J	0.74 J	0.69 J
Arsenic, Total	2.9	5.6	4	2.5	5.7
Barium, Total	54	120	67	71	77
Beryllium, Total	0.42	0.59	0.47	0.38	0.61
Cadmium, Total	0.42	0.8	1	0.58	0.3
Calcium, Total	140000 B	94000 B	100000 B	170000 B	94000 B
Chromium, Total	69	28	20	32	22
Cobalt, Total	4.1	8.3	6	3.4	11
Copper, Total	18	35	36	36	23
Iron, Total	20000	21000	18000	14000	21000
Lead, Total	27	99	290	70	21
Magnesium, Total	74000	55000 B	58000	88000 B	54000
Manganese, Total	1900 B	470	380 B	470	490 B
Mercury, Total	0.012 J	0.034	0.028	0.014 J	0.02
Nickel, Total	12	24	15	20	23
Potassium, Total	830	1200	850	650	1800
Selenium, Total	0.5 U	0.54 U	0.53 U	0.48 U	0.53 U
Silver, Total	1.2 U	0.32	0.31	0.23 J	0.34
Sodium, Total	660 B	1400	810 B	740	1100 B
Thallium, Total	2.5 U	0.54 U	0.47 J	2.4 U	0.89
Vanadium, Total	71	20	14	20	21
Zinc, Total	150	200	290	180	98
TCLP Metals (mg/l)					
Arsenic, TCLP	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Barium, TCLP	0.57	0.55	0.45 J	0.51	0.48 J
Beryllium, TCLP	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
Cadmium, TCLP	0.0025 J	0.0034 J	0.0082	0.004 J	0.005 U
Chromium, TCLP	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Cobalt, TCLP	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Copper, TCLP	0.025 U	0.025 U	0.025 U	0.02 J	0.025 U
Iron, TCLP	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Lead, TCLP	0.0075 U	0.0075 U	0.053	0.0075 U	0.0075 U
Manganese, TCLP	2.2	0.87	1.2	1.6	1.2
Mercury, TCLP	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel, TCLP	0.011 J	0.011 J	0.015 J	0.03	0.025 U
Selenium, TCLP	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver, TCLP	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Zinc, TCLP	0.51	0.33 J	0.52	0.81	0.1 J
SPLP Metals (mg/l)					
Arsenic, SPLP	0.019 J	0.042 J	0.05 U	0.05 U	0.067
Barium, SPLP	0.18 J	0.47 J	0.14 J	0.086 J	0.41 J
Beryllium, SPLP	0.004 U	0.0053	0.004 U	0.004 U	0.0068
Cadmium, SPLP	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chromium, SPLP	0.049	0.1	0.044	0.019 J	0.13
Cobalt, SPLP	0.014 J	0.033	0.025 U	0.025 U	0.055
Copper, SPLP	0.059	0.13	0.087	0.049	0.16
Iron, SPLP	48	100	24	10	140
Lead, SPLP	0.059	0.28	0.53	0.069	0.11
Manganese, SPLP	0.32	0.6	0.33	0.21	0.64
Mercury, SPLP	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel, SPLP	0.045	0.1	0.027	0.02 J	0.16
Selenium, SPLP	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver, SPLP	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Zinc, SPLP	0.25 J	0.59	0.6	0.24 J	0.39 J

Table D-3
Summary of Inorganics - Soil
Illinois Department of Transportation
FAI 80 - Interstate 80 (I-80) Ridge Road to the DuPage River
Will County, Illinois

Location	ROW-56	ROW-57	ROW-58	ROW-58
Sample Date	5/27/2021	5/26/2021	5/27/2021	5/27/2021
Field Sample ID	ROW-56(0-2)-052721	ROW-57(0-2)-052621	ROW-58(0-2)-052721D	ROW-58(0-2)-052721
DeliveryGroup	500-199832-1	500-199753-1	500-199832-1	500-199832-1
LocationCode	2233V2-1	2233V2-1	2233V2-1	2233V2-1
Laboratory pH (s.u.)	8.6	8.7	8.8	8.7
Total Metals (mg/kg)				
Antimony, Total	1.1	0.51 J	0.7 J	1.1 J
Arsenic, Total	3.3	5.2	5.8	7.7 J
Barium, Total	58	36	67	47
Beryllium, Total	0.4	0.53	0.57	0.67
Cadmium, Total	0.63	0.37	0.44	0.29 J
Calcium, Total	140000 B	110000 B	97000 B	84000 B
Chromium, Total	30	16	20	18 J
Cobalt, Total	6.2	7.9	9.5	11
Copper, Total	800	21	27	27 J
Iron, Total	14000	18000	20000	23000 J
Lead, Total	190	44	53	33 J
Magnesium, Total	83000 B	63000	57000 B	51000 B
Manganese, Total	500	390 B	410	410 J
Mercury, Total	0.016 J	0.015 J	0.024	0.022
Nickel, Total	19	20	25	26
Potassium, Total	800	1400	1400	1800 J
Selenium, Total	0.52 U	0.54 U	0.43 J	0.57 UJ
Silver, Total	0.54	0.27	0.31	0.41
Sodium, Total	860	1100 B	1200	1300 J
Thallium, Total	0.52 U	0.82	0.54 U	0.57 U
Vanadium, Total	16	17	19	21 J
Zinc, Total	310	85	120	91 J
TCLP Metals (mg/l)				
Arsenic, TCLP	0.05 U	0.05 U	0.05 U	0.05 U
Barium, TCLP	0.47 J	0.45 J	0.47 J	0.53
Beryllium, TCLP	0.004 U	0.004 U	0.004 U	0.004 U
Cadmium, TCLP	0.0028 J	0.0026 J	0.005 U	0.005 U
Chromium, TCLP	0.025 U	0.025 U	0.025 U	0.025 U
Cobalt, TCLP	0.025 U	0.025 U	0.025 U	0.025 U
Copper, TCLP	0.015 J	0.025 U	0.025 U	0.025 U
Iron, TCLP	0.4 U	0.4 U	0.4 U	0.4 U
Lead, TCLP	0.0075 U	0.0075 U	0.0075 U	0.0075 U
Manganese, TCLP	1.3	2.1	0.28 J	0.56 J
Mercury, TCLP	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel, TCLP	0.025 U	0.02 J	0.025 U	0.025 U
Selenium, TCLP	0.05 U	0.05 U	0.05 U	0.05 U
Silver, TCLP	0.025 U	0.025 U	0.025 U	0.025 U
Zinc, TCLP	0.5	0.066 J	0.5 U	0.03 J
SPLP Metals (mg/l)				
Arsenic, SPLP	0.02 J	0.059 J	0.096	0.083
Barium, SPLP	0.19 J	0.36 J	0.68	0.54
Beryllium, SPLP	0.004 U	0.006 J	0.01	0.009
Cadmium, SPLP	0.005 U	0.005 UJ	0.005 U	0.005 U
Chromium, SPLP	0.048	0.12 J	0.18	0.16
Cobalt, SPLP	0.016 J	0.051 J	0.064	0.054
Copper, SPLP	0.074	0.15 J	0.24	0.21
Iron, SPLP	49	130	210	180
Lead, SPLP	0.082	0.14 J	0.14	0.16
Manganese, SPLP	0.4	0.76 J	0.89	0.77
Mercury, SPLP	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel, SPLP	0.051	0.14 J	0.24	0.2
Selenium, SPLP	0.05 U	0.05 UJ	0.05 U	0.05 U
Silver, SPLP	0.025 U	0.025 UJ	0.025 U	0.025 U
Zinc, SPLP	0.32 J	0.42 J	0.57	0.49 J

APPENDIX E
ANALYTICAL DATA REPORTS

APPENDIX F
BACKGROUND INFORMATION