



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 290 (Interstate 290) Office Phone Number, if available: _____

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

3500-3600 blocks of I-290 (ISGS #3055V-1)

City: Chicago State: IL Zip Code: 60624

County: Cook Township: NA

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

Latitude: 41.87419 Longitude: - 87.71528

(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): _____ Approximate End Date (mm/dd/yyyy): _____

Estimated Volume of debris (cu. Yd.): 984

II. Owner/Operator Information for Source Site

Site Owner

Name: Illinois Department of Transportation

Street Address: 201 West Center Court

PO Box: _____

City: Schaumburg State: IL

Zip Code: 60196-1096 Phone: 847-705-4122

Contact: Jeffrey Williams

Email, if available: Jeffrey.Williams@illinois.gov

Site Operator

Name: Illinois Department of Transportation

Street Address: 201 West Center Court

PO Box: _____

City: Schaumburg State: IL

Zip Code: 60196-1096 Phone: 847-705-4122

Contact: Jeffrey Williams

Email, if available: Jeffrey.Williams@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)l:

Locations 3055V-01-B01, -B03, and -B04 were sampled within the construction zone adjacent to ISGS #3055V-1 (ROW). Refer to PSI Report for ISGS #3055V-1 (ROW).

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

See attached data summary table and associated laboratory data package J270891-1.

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

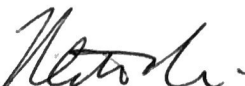
I, Matt Weiss (name of licensed professional engineer or geologist)

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: WSP USA
Street Address: 30 N. LaSalle Suite 4200
City: Chicago State: IL Zip Code: 60602
Phone: 312-981-2044

Matt Weiss
Printed Name: _____


Licensed Professional Engineer or
Licensed Professional Geologist Signature:

10/16/25
Date:



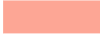
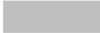
P.E or L.P.G. Seal:

Analytical Data Summary
PTB #196-002; Work Order 55A - IDOT Job # D-91-359-20

Key to Data Tables

- MAC = Maximum Allowable Concentration of Chemical Constituent in
Uncontaminated Soil Used as Fill Material At Regulated Fill Operations
- mg/kg = Milligrams per kilogram.
- mg/L = Milligrams per liter.
- MSA = Metropolitan Statistical Area
- TACO = Tiered Approach to Corrective Action Objectives
- TCLP = Toxicity Characteristic Leaching Procedure.
- SCGIER = Soil Component of the Groundwater Ingestion Exposure Route
- SPLP = Synthetic Precipitation Leaching Procedure.
- ND = Not detected.
- NA = Not analyzed or not applicable.
- J = Estimated value.
- U = Analyte was analyzed for but not detected.
- PID = Photoionization detector.
- = No PID readings detected above background (within instrument margin of error).

Criteria Qualifiers and Shading

- # = pH is less than 6.25 or greater than 9.0 standard units.
- † = Concentration exceeds the most stringent MAC.
- m = Concentration exceeds the MAC for an MSA.
- * = Concentration exceeds the MAC for Chicago corporate limits.
- c = Concentration exceeds a TACO Tier 1 RO for the Construction Worker Exposure Route.
- r = Concentration exceeds a TACO Tier 1 soil RO for residential properties.
- L = The detected TCLP/SPLP concentration exceeds the TACO Tier 1 RO for the SCGIER.
-  = Headspace reading exceeds background levels
-  = Concentration exceeds the most stringent MAC, but is below the MAC for an MSA.
-  = Concentration exceeds applicable comparison criteria.

CONTAMINANTS OF CONCERN

SITE	ISGS #3055V-1 (ROW)				Comparison Criteria					
BORING	3055V-01-B01				MACs			TACO		
SAMPLE	3055V-01-B01 (0-5)	3055V-01-B01 (5-10)	3055V-01-B01 (10-15)	3055V-01-B01 (15-19.5)	Most Stringent	Within an MSA	Within Chicago	Residential	Construction Worker	SCGIER
MATRIX	Soil	Soil	Soil	Soil						
DEPTH (feet)	0-5	5-10	10-15	15-19.5						
pH	8.5	7.8	7.4	7.4						
PID (meter units)	--	--	--	--						
VOCs (None Detected)										
SVOCs (mg/kg)										
2-Methylnaphthalene	ND U	ND U	0.074 J	0.035 J	--	--	--	--	--	--
Anthracene	ND U	ND U	ND U	0.011 J	12,000	--	2.6	23,000	610,000	--
Benzo(a)anthracene	0.021 J	ND U	ND U	0.023 J	0.9	1.8	11	1.8	170	--
Benzo(b)fluoranthene	ND U	ND U	ND U	0.041	0.9	2.1	13	2.1	170	--
Benzo(g,h,i)perylene	0.030 J	0.033 J	0.019 J	0.035 J	--	--	4.4	--	--	--
Chrysene	0.030 J	0.023 J	ND U	0.053	88	--	11	88	17,000	--
Dibenzofuran	ND U	ND U	0.017 J	0.029 J	--	--	--	--	--	--
Fluoranthene	0.019 J	ND U	ND U	0.034 J	3,100	--	28	3,100	82,000	--
Naphthalene	ND U	ND U	0.013 J	0.0076 J	1.8	--	0.26	170	1.8	--
Phenanthrene	0.010 J	0.013 J	0.061	0.13	--	--	15	--	--	--
Pyrene	0.022 J	0.026 J	0.013 J	0.044	2,300	--	18	2,300	61,000	--
Inorganics (mg/kg)										
Arsenic	5.9	5.7	7.0	8.4	11.3	13	--	13	61	--
Barium	58	72	53	41	1,500	--	--	5,500	14,000	--
Beryllium	0.78	0.58	0.63	0.56	22	--	--	160	410	--
Boron	18	20	23	20	40	--	--	16,000	41,000	--
Cadmium	0.11	0.17	0.078 J	0.069 J	5.2	--	--	78	200	--
Chromium	25 †	22 †	22 †	20	21	--	--	230	690	--
Cobalt	14	10	14	16	20	--	--	4,700	12,000	--
Copper	23	23	25	29	2,900	--	--	2,900	8,200	--
Iron	20,000 †m	18,000 †m	19,000 †m	19,000 †m	15,000	15,900	--	--	--	--
Lead	15	14	16	17	107	--	--	400	700	--
Magnesium	12,000	21,000	22,000	22,000	325,000	--	--	--	730,000	--
Manganese	240	220	320	320	630	636	--	1,600	4,100	--
Mercury	0.16 c	0.024	0.13 c	0.020	0.89	--	--	10	0.1	--
Nickel	41	36	38	41	100	--	--	1,600	4,100	--
Selenium	ND U	ND U	ND U	ND U	1.3	--	--	390	1,000	--
Thallium	0.79	0.54 J	0.75	0.91	2.6	--	--	6.3	160	--
Vanadium	28	24	25	22	550	--	--	550	1,400	--
Zinc	64	61	55	55	5,100	--	--	23,000	61,000	--
TCLP Metals (mg/L)										
Barium	0.20	0.65	0.79	0.62	--	--	--	--	--	2
Beryllium	0.0021 J	ND U	ND U	0.00094 J	--	--	--	--	--	0.004
Boron	0.14 J	0.30 J	0.055 J	0.12 J	--	--	--	--	--	2
Cadmium	0.0021 J	ND U	ND U	0.0015 J	--	--	--	--	--	0.005
Chromium	ND U	ND U	ND U	0.0063 J	--	--	--	--	--	0.1
Cobalt	0.0064	ND U	0.019	0.062	--	--	--	--	--	1
Copper	0.0048 J	ND U	ND U	0.15	--	--	--	--	--	0.65
Iron	0.098 J	0.69	0.18 J	ND U	--	--	--	--	--	5
Lead	0.026 L	0.0088 L	0.016 L	0.018 J L	--	--	--	--	--	0.0075
Manganese	0.22 L	0.84 L	2.3 L	4.9 L	--	--	--	--	--	0.15
Nickel	0.028	0.0092 J	0.068	0.12 L	--	--	--	--	--	0.1
Selenium	ND U	ND U	0.018 J	0.010 J	--	--	--	--	--	0.05
Vanadium	ND U	0.0014 J	0.0015 J	ND U	--	--	--	--	--	0.049
Zinc	0.095 J	0.0054 J	0.012 J	0.059 J	--	--	--	--	--	5
SPLP Metals (mg/L)										
Cadmium	NA	NA	NA	NA	--	--	--	--	--	0.005
Iron	NA	NA	NA	NA	--	--	--	--	--	5
Lead	0.18 L	0.024 L	ND U	ND U	--	--	--	--	--	0.0075
Manganese	0.82 L	0.20 L	0.032	0.031	--	--	--	--	--	0.15
Nickel	NA	NA	NA	ND U	--	--	--	--	--	0.1

CONTAMINANTS OF CONCERN

SITE	ISGS #3055V-1 (ROW)				Comparison Criteria						
BORING	3055V-01-B04				MACs			TACO			
SAMPLE	3055V-01-B04 (0-5)	3055V-01-B04 (5-10)	3055V-01-B04 (10-15)	3055V-01-B04 (15-20)	Most Stringent	Within an MSA	Within Chicago	Residential	Construction Worker	SCGIER	
MATRIX	Soil	Soil	Soil	Soil							
DEPTH (feet)	0-5	5-10	10-15	15-20							
pH	7.7	7.6	7.4	7.5							
PID (meter units)	--	--	--	--							
VOCs (None Detected)											
SVOCs (mg/kg)											
2-Methylnaphthalene	ND U	0.032 J	0.024 J	0.017 J	--	--	--	--	--	--	
Anthracene	ND U	0.015 J	ND U	ND U	12,000	--	2.6	23,000	610,000	--	
Benzo(a)anthracene	ND U	0.026 J	ND U	ND U	0.9	1.8	11	1.8	170	--	
Benzo(b)fluoranthene	ND U	ND U	ND U	ND U	0.9	2.1	13	2.1	170	--	
Benzo(g,h,i)perylene	ND U	0.023 J	ND U	0.023 J	--	--	4.4	--	--	--	
Chrysene	ND U	0.042	ND U	0.019 J	88	--	11	88	17,000	--	
Dibenzofuran	ND U	ND U	ND U	0.017 J	--	--	--	--	--	--	
Fluoranthene	ND U	0.028 J	ND U	ND U	3,100	--	28	3,100	82,000	--	
Naphthalene	ND U	ND U	ND U	ND U	1.8	--	0.26	170	1.8	--	
Phenanthrene	ND U	0.085	0.057	0.068	--	--	15	--	--	--	
Pyrene	ND U	0.038 J	0.012 J	0.018 J	2,300	--	18	2,300	61,000	--	
Inorganics (mg/kg)											
Arsenic	0.97	4.5	6.9	5.4	11.3	13	--	13	61	--	
Barium	2.3 J	21	45	52	1,500	--	--	5,500	14,000	--	
Beryllium	0.089 J	0.28	0.61	0.66	22	--	--	160	410	--	
Boron	22	11	23	27	40	--	--	16,000	41,000	--	
Cadmium	ND U	0.13	0.090 J	0.066 J	5.2	--	--	78	200	--	
Chromium	3.3	12	22 †	24 †	21	--	--	230	690	--	
Cobalt	1.6	6.3	16	13	20	--	--	4,700	12,000	--	
Copper	1.2	14	26	21	2,900	--	--	2,900	8,200	--	
Iron	2,500	10,000	21,000 ‡m	19,000 ‡m	15,000	15,900	--	--	--	--	
Lead	2.2 J	32	17	14	107	--	--	400	700	--	
Magnesium	120,000	23,000	22,000	20,000	325,000	--	--	--	730,000	--	
Manganese	120	240	310	280	630	636	--	1,600	4,100	--	
Mercury	ND U	0.11 c	0.055	0.044	0.89	--	--	10	0.1	--	
Nickel	3.3	17	41	36	100	--	--	1,600	4,100	--	
Selenium	ND U	0.51 J	ND U	ND U	1.3	--	--	390	1,000	--	
Thallium	0.37 J	0.61	0.85	0.80	2.6	--	--	6.3	160	--	
Vanadium	3.9	14	24	26	550	--	--	550	1,400	--	
Zinc	4.2	53	56	53	5,100	--	--	23,000	61,000	--	
TCLP Metals (mg/L)											
Barium	0.030	0.29	0.54	0.51	--	--	--	--	--	2	
Beryllium	ND U	ND U	ND U	ND U	--	--	--	--	--	0.004	
Boron	ND U	ND U	0.029 J	0.057 J	--	--	--	--	--	2	
Cadmium	ND U	0.0059 L	0.0011 J	0.00075 J	--	--	--	--	--	0.005	
Chromium	ND U	ND U	ND U	ND U	--	--	--	--	--	0.1	
Cobalt	0.023	0.034	0.029	0.012	--	--	--	--	--	1	
Copper	ND U	ND U	ND U	ND U	--	--	--	--	--	0.65	
Iron	ND U	0.094 J	0.14 J	ND U	--	--	--	--	--	5	
Lead	0.0064 J	0.024 L	ND U	ND U	--	--	--	--	--	0.0075	
Manganese	0.57 L	1.5 L	1.9 L	1.5 L	--	--	--	--	--	0.15	
Nickel	0.022	0.073	0.11 L	0.047	--	--	--	--	--	0.1	
Selenium	ND U	ND U	ND U	ND U	--	--	--	--	--	0.05	
Vanadium	0.0012 J	0.0029 J	ND U	ND U	--	--	--	--	--	0.049	
Zinc	0.019 J	0.16 J	ND U	ND U	--	--	--	--	--	5	
SPLP Metals (mg/L)											
Cadmium	NA	ND U	NA	NA	--	--	--	--	--	0.005	
Iron	NA	NA	NA	NA	--	--	--	--	--	5	
Lead	NA	0.086 L	NA	NA	--	--	--	--	--	0.0075	
Manganese	ND U	0.12	0.033	0.030	--	--	--	--	--	0.15	
Nickel	NA	NA	ND U	NA	--	--	--	--	--	0.1	

ANALYTICAL REPORT

PREPARED FOR

Attn: Dean Tiebout
WSP USA Inc
30 North LaSalle Street
Chicago, Illinois 60602

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JOB DESCRIPTION

IDOT - 196-002-WO55A I-290 Central Park

JOB NUMBER

500-270891-1

Eurofins Chicago

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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

Authorization



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

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Case Narrative

Client: WSP USA Inc
Project: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Job ID: 500-270891-1

Eurofins Chicago

Job Narrative 500-270891-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 7/1/2025 10:10 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 2.6°C, 3.3°C and 3.8°C.

Receipt Exceptions

The container label for the following sample(s) did not match the information listed on the Chain-of-Custody (COC): COC list 3055V-165-B1 (0-1) 1430 however container label 3055V-165-B02 (0-1). Sample date/time match. Logged per label pre client request

The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. COC list incomplete depth. Client states the depth to be (0-2).

Cyanide added per client request,

GC/MS VOA

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 500-824184 was outside the method criteria for the following analyte(s): Acetone, 2-Butanone (MEK), 2-Hexanone, 4-Methyl-2-pentanone (MIBK) and Vinyl acetate. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 500-824263 was outside the method criteria for the following analyte(s): Acetone. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D: Methylene chloride was detected in the following items: (MB 500-824263/7). Methylene chloride is a known lab contaminant; therefore all low level detects for this compound could be suspected as lab contamination.

Method 8260D: The method blank for preparation batch 500-824263 contained Chloroform above the reporting limit (RL). None of the samples associated with this method blank contained the target compound above the reporting limit; therefore, re-extraction and/or re-analysis of samples were not performed.

Method 8260D: The LCSD had 3 analytes fail low: Vinyl Chloride, Chloromethane and Chloroethane. Due to the samples not having any hits for these analytes, The LCS not having any failures, and the hold time for the samples affected being up soon the data has been reported.

(LCSD 500-824263/8)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA

Method 8270E: The continuing calibration verification (CCV) associated with batch 500-824407 recovered above the upper control limit for 2-Nitroaniline. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 500-824407/1).

Eurofins Chicago

Case Narrative

Client: WSP USA Inc
Project: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Job ID: 500-270891-1 (Continued)

Eurofins Chicago

Method 8270E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 500-824387 and analytical batch 500-824407 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8270E: The method blank for preparation batch 500-824905 and analytical batch 500-824983 contained Diethyl phthalate above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8270E: The continuing calibration verification (CCV) analyzed in 500-824983 was outside the method criteria for the following analyte(s): 2,4-Dinitrophenol and 2-Nitroaniline. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals

Method 6010D: The method blank for prep batch 824432 contained B-, Ba, and Fe above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6010D - TCLP: The method blank for preparation batch 500-824736 and 500-824919 and analytical batch 500-825222 contained Arsenic and Barium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6010D - TCLP: The method blank for preparation batch 500-824709 and 500-824919 and analytical batch 500-825222 contained Arsenic, Barium, Cadmium, Chromium, Cobalt and Copper above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6010D - TCLP: The method blank for preparation batch 500-824870 and 500-825103 and analytical batch 500-825353 contained Barium, Chromium and Selenium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6010D - TCLP: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3055V-179-B01 (0-1) (500-270891-1), 3055V-181-B01 (0-2) (500-270891-2), 3055V-01-B01 (5-10) (500-270891-6), 3055V-01-B01 (10-15) (500-270891-7), 3055V-01-B02 (0-5) (500-270891-9), 3055V-01-B02 (10-15) (500-270891-11), 3055V-01-B02 (10-15)D (500-270891-12), 3055V-01-B02 (15-20) (500-270891-13), 3055V-01-B04 (0-5) (500-270891-14), 3055V-01-B04 (5-10) (500-270891-15), (500-270891-E-1-J DU ^5), (500-270891-E-1-K MS ^5) and (500-270891-E-1-I SD ^25). Elevated reporting limits (RLs) are provided.

Method 6010D - TCLP: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3055V-200-B01 (0-2) (500-270891-3), 3055V-01-B01 (15-19.5) (500-270891-8) and 3055V-01-B02 (5-10) (500-270891-10). Elevated reporting limits (RLs) are provided.

Method 6010D - TCLP: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3055V-01-B04 (10-15) (500-270891-16), 3055V-01-B04 (15-20) (500-270891-17), 3055V-165-B02 (0-1) (500-270891-18) and 3055V-165-B01 (0-2) (500-270891-19). Elevated reporting limits (RLs) are provided.

Method 6010D - TCLP: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3055V-193-B01 (0-2) (500-270891-20), (500-270891-E-20-I DU ^5), (500-270891-E-20-J MS ^5) and (500-270891-E-20-H SD ^25). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

Method 9012B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 500-824575 and analytical batch 500-824731 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Chicago

Case Narrative

Client: WSP USA Inc
Project: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Job ID: 500-270891-1 (Continued)

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Detection Summary

Client: WSP USA Inc

Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B01 (0-5)

Lab Sample ID: 500-270891-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Benzo[a]anthracene	0.021	J	0.038	0.0080	mg/Kg	1	✳		8270E	Total/NA
Benzo[g,h,i]perylene	0.030	J	0.038	0.017	mg/Kg	1	✳		8270E	Total/NA
Chrysene	0.030	J	0.038	0.010	mg/Kg	1	✳		8270E	Total/NA
Fluoranthene	0.019	J	0.038	0.0088	mg/Kg	1	✳		8270E	Total/NA
Phenanthrene	0.010	J	0.038	0.0082	mg/Kg	1	✳		8270E	Total/NA
Pyrene	0.022	J	0.038	0.010	mg/Kg	1	✳		8270E	Total/NA
Arsenic	5.9		0.57	0.20	mg/Kg	1	✳		6010D	Total/NA
Barium	58	B	0.57	0.065	mg/Kg	1	✳		6010D	Total/NA
Beryllium	0.78		0.23	0.053	mg/Kg	1	✳		6010D	Total/NA
Boron	18	B	2.9	0.27	mg/Kg	1	✳		6010D	Total/NA
Cadmium	0.11		0.11	0.021	mg/Kg	1	✳		6010D	Total/NA
Chromium	25		0.57	0.28	mg/Kg	1	✳		6010D	Total/NA
Cobalt	14		0.29	0.075	mg/Kg	1	✳		6010D	Total/NA
Copper	23		0.57	0.16	mg/Kg	1	✳		6010D	Total/NA
Iron	20000	B	11	5.9	mg/Kg	1	✳		6010D	Total/NA
Lead	15		0.29	0.13	mg/Kg	1	✳		6010D	Total/NA
Magnesium	12000		5.7	2.8	mg/Kg	1	✳		6010D	Total/NA
Manganese	240		0.57	0.083	mg/Kg	1	✳		6010D	Total/NA
Nickel	41		0.57	0.17	mg/Kg	1	✳		6010D	Total/NA
Thallium	0.79		0.57	0.28	mg/Kg	1	✳		6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Detection Summary

Client: WSP USA Inc

Job ID: 500-270891-1

Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Client Sample ID: 3055V-01-B01 (0-5) (Continued)

Lab Sample ID: 500-270891-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Vanadium	28		0.29	0.067	mg/Kg	1		✱	6010D	Total/NA
Zinc	64		1.1	0.50	mg/Kg	1		✱	6010D	Total/NA
Arsenic	0.0047	J B	0.010	0.0037	mg/L	1			6010D	TCLP
Barium	0.20		0.010	0.0012	mg/L	1			6010D	TCLP
Beryllium	0.0021	J	0.0040	0.00089	mg/L	1			6010D	TCLP
Boron	0.14	J B	0.50	0.0056	mg/L	1			6010D	TCLP
Cadmium	0.0021	J	0.0050	0.00043	mg/L	1			6010D	TCLP
Cobalt	0.0064		0.0050	0.00078	mg/L	1			6010D	TCLP
Copper	0.0048	J	0.010	0.0018	mg/L	1			6010D	TCLP
Iron	0.098	J	0.40	0.082	mg/L	1			6010D	TCLP
Lead	0.026		0.0075	0.0027	mg/L	1			6010D	TCLP
Manganese	0.22		0.010	0.0023	mg/L	1			6010D	TCLP
Nickel	0.028		0.010	0.0048	mg/L	1			6010D	TCLP
Zinc	0.095	J	0.50	0.0050	mg/L	1			6010D	TCLP
Lead	0.18		0.0075	0.0027	mg/L	1			6010D	SPLP East
Manganese	0.82		0.010	0.0023	mg/L	1			6010D	SPLP East
Mercury	0.16		0.019	0.0079	mg/Kg	1		✱	7471B	Total/NA
pH	8.5		0.2	0.2	SU	1			9045D	Total/NA

Client Sample ID: 3055V-01-B01 (5-10)

Lab Sample ID: 500-270891-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloroform	0.0013	J B	0.0015	0.0011	mg/Kg	1		✱	8260D	Total/NA
Benzo[g,h,i]perylene	0.033	J	0.040	0.018	mg/Kg	1		✱	8270E	Total/NA
Chrysene	0.023	J	0.040	0.011	mg/Kg	1		✱	8270E	Total/NA
Phenanthrene	0.013	J	0.040	0.0087	mg/Kg	1		✱	8270E	Total/NA
Pyrene	0.026	J	0.040	0.011	mg/Kg	1		✱	8270E	Total/NA
Arsenic	5.7		0.57	0.19	mg/Kg	1		✱	6010D	Total/NA
Barium	72	B	0.57	0.065	mg/Kg	1		✱	6010D	Total/NA
Beryllium	0.58		0.23	0.053	mg/Kg	1		✱	6010D	Total/NA
Boron	20	B	2.8	0.26	mg/Kg	1		✱	6010D	Total/NA
Cadmium	0.17		0.11	0.020	mg/Kg	1		✱	6010D	Total/NA
Chromium	22		0.57	0.28	mg/Kg	1		✱	6010D	Total/NA
Cobalt	10		0.28	0.074	mg/Kg	1		✱	6010D	Total/NA
Copper	23		0.57	0.16	mg/Kg	1		✱	6010D	Total/NA
Iron	18000	B	11	5.9	mg/Kg	1		✱	6010D	Total/NA
Lead	14		1.4	0.66	mg/Kg	5		✱	6010D	Total/NA
Magnesium	21000		5.7	2.8	mg/Kg	1		✱	6010D	Total/NA
Manganese	220		0.57	0.082	mg/Kg	1		✱	6010D	Total/NA
Nickel	36		0.57	0.17	mg/Kg	1		✱	6010D	Total/NA
Thallium	0.54	J	0.57	0.28	mg/Kg	1		✱	6010D	Total/NA
Vanadium	24		0.28	0.067	mg/Kg	1		✱	6010D	Total/NA
Zinc	61		1.1	0.50	mg/Kg	1		✱	6010D	Total/NA
Arsenic	0.0054	J B	0.010	0.0037	mg/L	1			6010D	TCLP
Barium	0.65	B	0.010	0.0012	mg/L	1			6010D	TCLP
Boron	0.30	J	2.5	0.028	mg/L	5			6010D	TCLP
Cadmium	0.0026	J B	0.0050	0.00043	mg/L	1			6010D	TCLP
Chromium	0.0019	J B	0.010	0.0017	mg/L	1			6010D	TCLP
Cobalt	0.0033	J B	0.0050	0.00078	mg/L	1			6010D	TCLP
Copper	0.0020	J B	0.010	0.0018	mg/L	1			6010D	TCLP
Iron	0.69		0.40	0.082	mg/L	1			6010D	TCLP

This Detection Summary does not include radiochemical test results.

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Detection Summary

Client: WSP USA Inc

Job ID: 500-270891-1

Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Client Sample ID: 3055V-01-B01 (5-10) (Continued)

Lab Sample ID: 500-270891-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Lead	0.0088		0.0075	0.0027	mg/L		1		6010D	TCLP
Manganese	0.84		0.010	0.0023	mg/L		1		6010D	TCLP
Nickel	0.0092	J	0.010	0.0048	mg/L		1		6010D	TCLP
Vanadium	0.0014	J	0.0050	0.00092	mg/L		1		6010D	TCLP
Zinc	0.0054	J	0.50	0.0050	mg/L		1		6010D	TCLP
Lead	0.024		0.0075	0.0027	mg/L		1		6010D	SPLP East
Manganese	0.20		0.010	0.0023	mg/L		1		6010D	SPLP East
Mercury	0.024		0.019	0.0078	mg/Kg		1	✱	7471B	Total/NA
pH	7.8		0.2	0.2	SU		1		9045D	Total/NA

Client Sample ID: 3055V-01-B01 (10-15)

Lab Sample ID: 500-270891-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloroform	0.0011	J B	0.0014	0.0010	mg/Kg		1	✱	8260D	Total/NA
2-Methylnaphthalene	0.074	J	0.081	0.0080	mg/Kg		1	✱	8270E	Total/NA
Benzo[g,h,i]perylene	0.019	J	0.040	0.018	mg/Kg		1	✱	8270E	Total/NA
Dibenzofuran	0.017	J	0.20	0.014	mg/Kg		1	✱	8270E	Total/NA
Naphthalene	0.013	J	0.040	0.0072	mg/Kg		1	✱	8270E	Total/NA
Phenanthrene	0.061		0.040	0.0087	mg/Kg		1	✱	8270E	Total/NA
Pyrene	0.013	J	0.040	0.011	mg/Kg		1	✱	8270E	Total/NA
Arsenic	7.0		0.57	0.20	mg/Kg		1	✱	6010D	Total/NA
Barium	53	B	0.57	0.066	mg/Kg		1	✱	6010D	Total/NA
Beryllium	0.63		0.23	0.054	mg/Kg		1	✱	6010D	Total/NA
Boron	23	B	2.9	0.27	mg/Kg		1	✱	6010D	Total/NA
Cadmium	0.078	J	0.11	0.021	mg/Kg		1	✱	6010D	Total/NA
Chromium	22		0.57	0.28	mg/Kg		1	✱	6010D	Total/NA
Cobalt	14		0.29	0.075	mg/Kg		1	✱	6010D	Total/NA
Copper	25		0.57	0.16	mg/Kg		1	✱	6010D	Total/NA
Iron	19000	B	11	6.0	mg/Kg		1	✱	6010D	Total/NA
Lead	16		1.4	0.66	mg/Kg		5	✱	6010D	Total/NA
Magnesium	22000		5.7	2.9	mg/Kg		1	✱	6010D	Total/NA
Manganese	320		0.57	0.083	mg/Kg		1	✱	6010D	Total/NA
Nickel	38		0.57	0.17	mg/Kg		1	✱	6010D	Total/NA
Thallium	0.75		0.57	0.29	mg/Kg		1	✱	6010D	Total/NA
Vanadium	25		0.29	0.068	mg/Kg		1	✱	6010D	Total/NA
Zinc	55		1.1	0.50	mg/Kg		1	✱	6010D	Total/NA
Arsenic	0.019	B	0.010	0.0037	mg/L		1		6010D	TCLP
Barium	0.79	B	0.010	0.0012	mg/L		1		6010D	TCLP
Boron	0.055	J	2.5	0.028	mg/L		5		6010D	TCLP
Cadmium	0.0010	J B	0.0050	0.00043	mg/L		1		6010D	TCLP
Chromium	0.0028	J B	0.010	0.0017	mg/L		1		6010D	TCLP
Cobalt	0.019	B	0.0050	0.00078	mg/L		1		6010D	TCLP
Copper	0.0038	J B	0.010	0.0018	mg/L		1		6010D	TCLP
Iron	0.18	J	0.40	0.082	mg/L		1		6010D	TCLP
Lead	0.016		0.0075	0.0027	mg/L		1		6010D	TCLP
Manganese	2.3		0.010	0.0023	mg/L		1		6010D	TCLP
Nickel	0.068		0.010	0.0048	mg/L		1		6010D	TCLP
Selenium	0.018	J	0.050	0.0053	mg/L		1		6010D	TCLP
Vanadium	0.0015	J	0.0050	0.00092	mg/L		1		6010D	TCLP
Zinc	0.012	J	0.50	0.0050	mg/L		1		6010D	TCLP
Manganese	0.032		0.010	0.0023	mg/L		1		6010D	SPLP East

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Detection Summary

Client: WSP USA Inc

Job ID: 500-270891-1

Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Client Sample ID: 3055V-01-B01 (10-15) (Continued)

Lab Sample ID: 500-270891-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Mercury	0.13		0.019	0.0077	mg/Kg	1		✱	7471B	Total/NA
pH	7.4		0.2	0.2	SU	1			9045D	Total/NA

Client Sample ID: 3055V-01-B01 (15-19.5)

Lab Sample ID: 500-270891-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloroform	0.0011	J B	0.0014	0.0010	mg/Kg	1		✱	8260D	Total/NA
2-Methylnaphthalene	0.035	J	0.080	0.0080	mg/Kg	1		✱	8270E	Total/NA
Anthracene	0.011	J	0.040	0.0081	mg/Kg	1		✱	8270E	Total/NA
Benzo[a]anthracene	0.023	J	0.040	0.0084	mg/Kg	1		✱	8270E	Total/NA
Benzo[b]fluoranthene	0.041		0.040	0.038	mg/Kg	1		✱	8270E	Total/NA
Benzo[g,h,i]perylene	0.035	J	0.040	0.018	mg/Kg	1		✱	8270E	Total/NA
Chrysene	0.053		0.040	0.010	mg/Kg	1		✱	8270E	Total/NA
Dibenzofuran	0.029	J	0.20	0.014	mg/Kg	1		✱	8270E	Total/NA
Fluoranthene	0.034	J	0.040	0.0092	mg/Kg	1		✱	8270E	Total/NA
Naphthalene	0.0076	J	0.040	0.0072	mg/Kg	1		✱	8270E	Total/NA
Phenanthrene	0.13		0.040	0.0087	mg/Kg	1		✱	8270E	Total/NA
Pyrene	0.044		0.040	0.011	mg/Kg	1		✱	8270E	Total/NA
Arsenic	8.4		0.60	0.20	mg/Kg	1		✱	6010D	Total/NA
Barium	41	B	0.60	0.068	mg/Kg	1		✱	6010D	Total/NA
Beryllium	0.56		0.24	0.056	mg/Kg	1		✱	6010D	Total/NA
Boron	20	B	3.0	0.28	mg/Kg	1		✱	6010D	Total/NA
Cadmium	0.069	J	0.12	0.021	mg/Kg	1		✱	6010D	Total/NA
Chromium	20		0.60	0.29	mg/Kg	1		✱	6010D	Total/NA
Cobalt	16		0.30	0.078	mg/Kg	1		✱	6010D	Total/NA
Copper	29		0.60	0.17	mg/Kg	1		✱	6010D	Total/NA
Iron	19000	B	12	6.2	mg/Kg	1		✱	6010D	Total/NA
Lead	17		1.5	0.69	mg/Kg	5		✱	6010D	Total/NA
Magnesium	22000		6.0	3.0	mg/Kg	1		✱	6010D	Total/NA
Manganese	320		0.60	0.086	mg/Kg	1		✱	6010D	Total/NA
Nickel	41		0.60	0.17	mg/Kg	1		✱	6010D	Total/NA
Thallium	0.91		0.60	0.30	mg/Kg	1		✱	6010D	Total/NA
Vanadium	22		0.30	0.070	mg/Kg	1		✱	6010D	Total/NA
Zinc	55		1.2	0.52	mg/Kg	1		✱	6010D	Total/NA
Arsenic	0.0096	J B	0.010	0.0037	mg/L	1			6010D	TCPLP
Barium	0.62		0.010	0.0012	mg/L	1			6010D	TCPLP
Beryllium	0.00094	J	0.0040	0.00089	mg/L	1			6010D	TCPLP
Boron	0.12	J B	0.50	0.0056	mg/L	1			6010D	TCPLP
Cadmium	0.0015	J	0.0050	0.00043	mg/L	1			6010D	TCPLP
Chromium	0.0063	J	0.010	0.0017	mg/L	1			6010D	TCPLP
Cobalt	0.062		0.0050	0.00078	mg/L	1			6010D	TCPLP
Copper	0.15		0.010	0.0018	mg/L	1			6010D	TCPLP
Lead	0.018	J	0.038	0.014	mg/L	5			6010D	TCPLP
Manganese	4.9		0.010	0.0023	mg/L	1			6010D	TCPLP
Nickel	0.12		0.010	0.0048	mg/L	1			6010D	TCPLP
Selenium	0.010	J	0.050	0.0053	mg/L	1			6010D	TCPLP
Zinc	0.059	J	0.50	0.0050	mg/L	1			6010D	TCPLP
Manganese	0.031		0.010	0.0023	mg/L	1			6010D	SPLP East
Mercury	0.020		0.019	0.0079	mg/Kg	1		✱	7471B	Total/NA
pH	7.4		0.2	0.2	SU	1			9045D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Detection Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B04 (0-5)

Lab Sample ID: 500-270891-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloroform	0.0013	J B	0.0016	0.0011	mg/Kg	1	☆	8260D	Total/NA	
Arsenic	0.97		0.51	0.17	mg/Kg	1	☆	6010D	Total/NA	
Barium	2.3	J B	2.5	0.29	mg/Kg	5	☆	6010D	Total/NA	
Beryllium	0.089	J	0.20	0.048	mg/Kg	1	☆	6010D	Total/NA	
Boron	22	B	2.5	0.24	mg/Kg	1	☆	6010D	Total/NA	
Chromium	3.3		0.51	0.25	mg/Kg	1	☆	6010D	Total/NA	
Cobalt	1.6		0.25	0.067	mg/Kg	1	☆	6010D	Total/NA	
Copper	1.2		0.51	0.14	mg/Kg	1	☆	6010D	Total/NA	
Iron	2500	B	51	27	mg/Kg	5	☆	6010D	Total/NA	
Lead	2.2	J	2.5	1.2	mg/Kg	10	☆	6010D	Total/NA	
Magnesium	120000		25	13	mg/Kg	5	☆	6010D	Total/NA	
Manganese	120		0.51	0.074	mg/Kg	1	☆	6010D	Total/NA	
Nickel	3.3		0.51	0.15	mg/Kg	1	☆	6010D	Total/NA	
Thallium	0.37	J	0.51	0.25	mg/Kg	1	☆	6010D	Total/NA	
Vanadium	3.9		0.25	0.060	mg/Kg	1	☆	6010D	Total/NA	
Zinc	4.2		1.0	0.45	mg/Kg	1	☆	6010D	Total/NA	
Arsenic	0.0046	J B	0.010	0.0037	mg/L	1		6010D	TCLP	
Barium	0.030	B	0.010	0.0012	mg/L	1		6010D	TCLP	
Cadmium	0.00061	J B	0.0050	0.00043	mg/L	1		6010D	TCLP	
Cobalt	0.023	B	0.0050	0.00078	mg/L	1		6010D	TCLP	
Lead	0.0064	J	0.0075	0.0027	mg/L	1		6010D	TCLP	
Manganese	0.57		0.010	0.0023	mg/L	1		6010D	TCLP	
Nickel	0.022		0.010	0.0048	mg/L	1		6010D	TCLP	
Vanadium	0.0012	J	0.0050	0.00092	mg/L	1		6010D	TCLP	
Zinc	0.019	J	0.50	0.0050	mg/L	1		6010D	TCLP	
pH	7.7		0.2	0.2	SU	1		9045D	Total/NA	

Client Sample ID: 3055V-01-B04 (5-10)

Lab Sample ID: 500-270891-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloroform	0.0016	J B	0.0022	0.0015	mg/Kg	1	☆		8260D	Total/NA
2-Methylnaphthalene	0.032	J	0.081	0.0080	mg/Kg	1	☆		8270E	Total/NA
Anthracene	0.015	J	0.040	0.0082	mg/Kg	1	☆		8270E	Total/NA
Benzo[a]anthracene	0.026	J	0.040	0.0085	mg/Kg	1	☆		8270E	Total/NA
Benzo[g,h,i]perylene	0.023	J	0.040	0.018	mg/Kg	1	☆		8270E	Total/NA
Chrysene	0.042		0.040	0.011	mg/Kg	1	☆		8270E	Total/NA
Fluoranthene	0.028	J	0.040	0.0093	mg/Kg	1	☆		8270E	Total/NA
Phenanthrene	0.085		0.040	0.0087	mg/Kg	1	☆		8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Detection Summary

Client: WSP USA Inc

Job ID: 500-270891-1

Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Client Sample ID: 3055V-01-B04 (5-10) (Continued)

Lab Sample ID: 500-270891-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pyrene	0.038	J	0.040	0.011	mg/Kg	1	✱	8270E	Total/NA
Arsenic	4.5		0.56	0.19	mg/Kg	1	✱	6010D	Total/NA
Barium	21	B	0.56	0.063	mg/Kg	1	✱	6010D	Total/NA
Beryllium	0.28		0.22	0.052	mg/Kg	1	✱	6010D	Total/NA
Boron	11	B	2.8	0.26	mg/Kg	1	✱	6010D	Total/NA
Cadmium	0.13		0.11	0.020	mg/Kg	1	✱	6010D	Total/NA
Chromium	12		0.56	0.28	mg/Kg	1	✱	6010D	Total/NA
Cobalt	6.3		0.28	0.073	mg/Kg	1	✱	6010D	Total/NA
Copper	14		0.56	0.16	mg/Kg	1	✱	6010D	Total/NA
Iron	10000	B	11	5.8	mg/Kg	1	✱	6010D	Total/NA
Lead	32		1.4	0.64	mg/Kg	5	✱	6010D	Total/NA
Magnesium	23000		5.6	2.8	mg/Kg	1	✱	6010D	Total/NA
Manganese	240		0.56	0.081	mg/Kg	1	✱	6010D	Total/NA
Nickel	17		0.56	0.16	mg/Kg	1	✱	6010D	Total/NA
Selenium	0.51	J	0.56	0.33	mg/Kg	1	✱	6010D	Total/NA
Thallium	0.61		0.56	0.28	mg/Kg	1	✱	6010D	Total/NA
Vanadium	14		0.28	0.066	mg/Kg	1	✱	6010D	Total/NA
Zinc	53		1.1	0.49	mg/Kg	1	✱	6010D	Total/NA
Arsenic	0.0073	J B	0.010	0.0037	mg/L	1		6010D	TCLP
Barium	0.29	B	0.010	0.0012	mg/L	1		6010D	TCLP
Cadmium	0.0059	B	0.0050	0.00043	mg/L	1		6010D	TCLP
Chromium	0.0019	J B	0.010	0.0017	mg/L	1		6010D	TCLP
Cobalt	0.034	B	0.0050	0.00078	mg/L	1		6010D	TCLP
Copper	0.0049	J B	0.010	0.0018	mg/L	1		6010D	TCLP
Iron	0.094	J	0.40	0.082	mg/L	1		6010D	TCLP
Lead	0.024		0.0075	0.0027	mg/L	1		6010D	TCLP
Manganese	1.5		0.010	0.0023	mg/L	1		6010D	TCLP
Nickel	0.073		0.010	0.0048	mg/L	1		6010D	TCLP
Vanadium	0.0029	J	0.0050	0.00092	mg/L	1		6010D	TCLP
Zinc	0.16	J	0.50	0.0050	mg/L	1		6010D	TCLP
Lead	0.086		0.0075	0.0027	mg/L	1		6010D	SPLP East
Manganese	0.12		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.11		0.018	0.0074	mg/Kg	1	✱	7471B	Total/NA
pH	7.6		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 3055V-01-B04 (10-15)

Lab Sample ID: 500-270891-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.0011	J B	0.0014	0.0010	mg/Kg	1	✱	8260D	Total/NA
2-Methylnaphthalene	0.024	J	0.081	0.0081	mg/Kg	1	✱	8270E	Total/NA
Phenanthrene	0.057		0.040	0.0088	mg/Kg	1	✱	8270E	Total/NA
Pyrene	0.012	J	0.040	0.011	mg/Kg	1	✱	8270E	Total/NA
Arsenic	6.9		0.61	0.21	mg/Kg	1	✱	6010D	Total/NA
Barium	45	B	0.61	0.069	mg/Kg	1	✱	6010D	Total/NA
Beryllium	0.61		0.24	0.057	mg/Kg	1	✱	6010D	Total/NA
Boron	23	B	3.0	0.28	mg/Kg	1	✱	6010D	Total/NA
Cadmium	0.090	J	0.12	0.022	mg/Kg	1	✱	6010D	Total/NA
Chromium	22		0.61	0.30	mg/Kg	1	✱	6010D	Total/NA
Cobalt	16		0.30	0.079	mg/Kg	1	✱	6010D	Total/NA
Copper	26		0.61	0.17	mg/Kg	1	✱	6010D	Total/NA
Iron	21000	B	12	6.3	mg/Kg	1	✱	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Detection Summary

Client: WSP USA Inc

Job ID: 500-270891-1

Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Client Sample ID: 3055V-01-B04 (10-15) (Continued)

Lab Sample ID: 500-270891-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	17		1.5	0.70	mg/Kg	5	✱	6010D	Total/NA
Magnesium	22000		6.1	3.0	mg/Kg	1	✱	6010D	Total/NA
Manganese	310		0.61	0.088	mg/Kg	1	✱	6010D	Total/NA
Nickel	41		0.61	0.18	mg/Kg	1	✱	6010D	Total/NA
Thallium	0.85		0.61	0.30	mg/Kg	1	✱	6010D	Total/NA
Vanadium	24		0.30	0.072	mg/Kg	1	✱	6010D	Total/NA
Zinc	56		1.2	0.53	mg/Kg	1	✱	6010D	Total/NA
Barium	0.54	B	0.010	0.0012	mg/L	1		6010D	TCPLP
Boron	0.029	J B	2.5	0.028	mg/L	5		6010D	TCPLP
Cadmium	0.0011	J	0.0050	0.00043	mg/L	1		6010D	TCPLP
Cobalt	0.029		0.0050	0.00078	mg/L	1		6010D	TCPLP
Iron	0.14	J	0.40	0.082	mg/L	1		6010D	TCPLP
Manganese	1.9		0.010	0.0023	mg/L	1		6010D	TCPLP
Nickel	0.11		0.010	0.0048	mg/L	1		6010D	TCPLP
Selenium	0.011	J B	0.050	0.0053	mg/L	1		6010D	TCPLP
Manganese	0.033		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.055		0.020	0.0083	mg/Kg	1	✱	7471B	Total/NA
pH	7.4		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 3055V-01-B04 (15-20)

Lab Sample ID: 500-270891-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.0012	J B	0.0015	0.0011	mg/Kg	1	✱	8260D	Total/NA
2-Methylnaphthalene	0.017	J	0.080	0.0079	mg/Kg	1	✱	8270E	Total/NA
Benzo[g,h,i]perylene	0.023	J	0.039	0.018	mg/Kg	1	✱	8270E	Total/NA
Chrysene	0.019	J	0.039	0.010	mg/Kg	1	✱	8270E	Total/NA
Dibenzofuran	0.017	J	0.20	0.014	mg/Kg	1	✱	8270E	Total/NA
Phenanthrene	0.068		0.039	0.0086	mg/Kg	1	✱	8270E	Total/NA
Pyrene	0.018	J	0.039	0.011	mg/Kg	1	✱	8270E	Total/NA
Arsenic	5.4		0.61	0.21	mg/Kg	1	✱	6010D	Total/NA
Barium	52	B	0.61	0.069	mg/Kg	1	✱	6010D	Total/NA
Beryllium	0.66		0.24	0.057	mg/Kg	1	✱	6010D	Total/NA
Boron	27	B	3.0	0.28	mg/Kg	1	✱	6010D	Total/NA
Cadmium	0.066	J	0.12	0.022	mg/Kg	1	✱	6010D	Total/NA
Chromium	24		0.61	0.30	mg/Kg	1	✱	6010D	Total/NA
Cobalt	13		0.30	0.080	mg/Kg	1	✱	6010D	Total/NA
Copper	21		0.61	0.17	mg/Kg	1	✱	6010D	Total/NA
Iron	19000	B	12	6.3	mg/Kg	1	✱	6010D	Total/NA
Lead	14		1.5	0.70	mg/Kg	5	✱	6010D	Total/NA
Magnesium	20000		6.1	3.0	mg/Kg	1	✱	6010D	Total/NA
Manganese	280		0.61	0.088	mg/Kg	1	✱	6010D	Total/NA
Nickel	36		0.61	0.18	mg/Kg	1	✱	6010D	Total/NA
Thallium	0.80		0.61	0.30	mg/Kg	1	✱	6010D	Total/NA
Vanadium	26		0.30	0.072	mg/Kg	1	✱	6010D	Total/NA
Zinc	53		1.2	0.53	mg/Kg	1	✱	6010D	Total/NA
Barium	0.51	B	0.010	0.0012	mg/L	1		6010D	TCPLP
Boron	0.057	J B	2.5	0.028	mg/L	5		6010D	TCPLP
Cadmium	0.00075	J	0.0050	0.00043	mg/L	1		6010D	TCPLP
Cobalt	0.012		0.0050	0.00078	mg/L	1		6010D	TCPLP
Manganese	1.5		0.010	0.0023	mg/L	1		6010D	TCPLP
Nickel	0.047		0.010	0.0048	mg/L	1		6010D	TCPLP

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Detection Summary

Client: WSP USA Inc

Job ID: 500-270891-1

Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Client Sample ID: 3055V-01-B04 (15-20) (Continued)

Lab Sample ID: 500-270891-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Selenium	0.0095	J B	0.050	0.0053	mg/L	1		6010D	TCLP
Manganese	0.030		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.044		0.018	0.0076	mg/Kg	1	☼	7471B	Total/NA
pH	7.5		0.2	0.2	SU	1		9045D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Method Summary

Client: WSP USA Inc

Job ID: 500-270891-1

Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CHI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CHI
6010D	Metals (ICP)	SW846	EET CHI
6020B	Metals (ICP/MS)	SW846	EET CHI
7470A	Mercury	SW846	EET CHI
7471B	Mercury (CVAA)	SW846	EET CHI
9012B	Cyanide, Total and/or Amenable	SW846	EET CHI
9045D	pH	SW846	EET CHI
Moisture	Percent Moisture	EPA	EET CHI
1311	TCLP Extraction	SW846	EET CHI
1312	SPLP Extraction	SW846	EET CHI
3010A	Preparation, Total Metals	SW846	EET CHI
3050B	Preparation, Metals	SW846	EET CHI
3546	Microwave Extraction	SW846	EET CHI
5035	Closed System Purge and Trap	SW846	EET CHI
7470A	Preparation, Mercury	SW846	EET CHI
7471B	Preparation, Mercury	SW846	EET CHI
9010C	Cyanide, Distillation	SW846	EET CHI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

Sample Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-270891-5	3055V-01-B01 (0-5)	Solid	06/30/25 11:45	07/01/25 10:10
500-270891-6	3055V-01-B01 (5-10)	Solid	06/30/25 11:50	07/01/25 10:10
500-270891-7	3055V-01-B01 (10-15)	Solid	06/30/25 11:55	07/01/25 10:10
500-270891-8	3055V-01-B01 (15-19.5)	Solid	06/30/25 12:00	07/01/25 10:10
500-270891-14	3055V-01-B04 (0-5)	Solid	06/30/25 13:30	07/01/25 10:10
500-270891-15	3055V-01-B04 (5-10)	Solid	06/30/25 13:35	07/01/25 10:10
500-270891-16	3055V-01-B04 (10-15)	Solid	06/30/25 13:40	07/01/25 10:10
500-270891-17	3055V-01-B04 (15-20)	Solid	06/30/25 13:45	07/01/25 10:10

Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B01 (0-5)

Lab Sample ID: 500-270891-5

Date Collected: 06/30/25 11:45

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 82.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015		0.015	0.0065	mg/Kg	☆	07/01/25 19:06	07/02/25 19:37	1
Benzene	<0.0015		0.0015	0.00049	mg/Kg	☆	07/01/25 19:06	07/02/25 19:37	1
Bromodichloromethane	<0.0015		0.0015	0.00050	mg/Kg	☆	07/01/25 19:06	07/02/25 19:37	1
Bromoform	<0.0015		0.0015	0.00090	mg/Kg	☆	07/01/25 19:06	07/02/25 19:37	1
Bromomethane	<0.0039		0.0039	0.0019	mg/Kg	☆	07/01/25 19:06	07/02/25 19:37	1
2-Butanone (MEK)	<0.0039		0.0039	0.0017	mg/Kg	☆	07/01/25 19:06	07/02/25 19:37	1
Carbon disulfide	<0.0039		0.0039	0.00071	mg/Kg	☆	07/01/25 19:06	07/02/25 19:37	1
Carbon tetrachloride	<0.0015		0.0015	0.00053	mg/Kg	☆	07/01/25 19:06	07/02/25 19:37	1
Chlorobenzene	<0.0015		0.0015	0.00065	mg/Kg	☆	07/01/25 19:06	07/02/25 19:37	1
Chloroethane	<0.0039		0.0039	0.0013	mg/Kg	☆	07/01/25 19:06	07/02/25 19:37	1
Chloroform	<0.0015		0.0015	0.0011	mg/Kg	☆	07/01/25 19:06	07/02/25 19:37	1
Chloromethane	<0.0039		0.0039	0.00075	mg/Kg	☆	07/01/25 19:06	07/02/25 19:37	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00062	mg/Kg	☆	07/01/25 19:06	07/02/25 19:37	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00062	mg/Kg	☆	07/01/25 19:06	07/02/25 19:37	1
Dibromochloromethane	<0.0015		0.0015	0.00072	mg/Kg	☆	07/01/25 19:06	07/02/25 19:37	1
1,2-Dibromo-3-Chloropropane	<3.9		3.9	2.7	ug/Kg	☆	07/01/25 19:06	07/02/25 19:37	1
1,1-Dichloroethane	<0.0015		0.0015	0.00058	mg/Kg	☆	07/01/25 19:06	07/02/25 19:37	1
1,2-Dichloroethane	<0.0039		0.0039	0.0010	mg/Kg	☆	07/01/25 19:06	07/02/25 19:37	1
1,1-Dichloroethene	<0.0015		0.0015	0.00064	mg/Kg	☆	07/01/25 19:06	07/02/25 19:37	1
1,2-Dichloropropane	<0.0015		0.0015	0.00040	mg/Kg	☆	07/01/25 19:06	07/02/25 19:37	1
1,3-Dichloropropane, Total	<0.0015		0.0015	0.00074	mg/Kg	☆	07/01/25 19:06	07/02/25 19:37	1
Ethylbenzene	<0.0015		0.0015	0.00081	mg/Kg	☆	07/01/25 19:06	07/02/25 19:37	1
2-Hexanone	<0.0039		0.0039	0.0023	mg/Kg	☆	07/01/25 19:06	07/02/25 19:37	1
Methylene Chloride	<0.0039		0.0039	0.0017	mg/Kg	☆	07/01/25 19:06	07/02/25 19:37	1
4-Methyl-2-pentanone (MIBK)	<0.0039		0.0039	0.0027	mg/Kg	☆	07/01/25 19:06	07/02/25 19:37	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00050	mg/Kg	☆	07/01/25 19:06	07/02/25 19:37	1
Styrene	<0.0015		0.0015	0.00070	mg/Kg	☆	07/01/25 19:06	07/02/25 19:37	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00077	mg/Kg	☆	07/01/25 19:06	07/02/25 19:37	1
Tetrachloroethene	<0.0015		0.0015	0.00087	mg/Kg	☆	07/01/25 19:06	07/02/25 19:37	1
Toluene	<0.0015		0.0015	0.00031	mg/Kg	☆	07/01/25 19:06	07/02/25 19:37	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00058	mg/Kg	☆	07/01/25 19:06	07/02/25 19:37	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00074	mg/Kg	☆	07/01/25 19:06	07/02/25 19:37	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00063	mg/Kg	☆	07/01/25 19:06	07/02/25 19:37	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00058	mg/Kg	☆	07/01/25 19:06	07/02/25 19:37	1
Trichloroethene	<0.0015		0.0015	0.00042	mg/Kg	☆	07/01/25 19:06	07/02/25 19:37	1
Vinyl acetate	<0.0039		0.0039	0.00092	mg/Kg	☆	07/01/25 19:06	07/02/25 19:37	1
Vinyl chloride	<0.0015		0.0015	0.00063	mg/Kg	☆	07/01/25 19:06	07/02/25 19:37	1
Xylenes, Total	<0.0031		0.0031	0.00053	mg/Kg	☆	07/01/25 19:06	07/02/25 19:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		75 - 131	07/01/25 19:06	07/02/25 19:37	1
Dibromofluoromethane	100		75 - 126	07/01/25 19:06	07/02/25 19:37	1
1,2-Dichloroethane-d4 (Surr)	101		70 - 134	07/01/25 19:06	07/02/25 19:37	1
Toluene-d8 (Surr)	101		75 - 124	07/01/25 19:06	07/02/25 19:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.027	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
1,2-Dichlorobenzene	<0.19		0.19	0.015	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B01 (0-5)

Lab Sample ID: 500-270891-5

Date Collected: 06/30/25 11:45

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 82.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	<0.19		0.19	0.018	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.027	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
2,4,5-Trichlorophenol	<0.38		0.38	0.014	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
2,4,6-Trichlorophenol	<0.38		0.38	0.013	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
2,4-Dichlorophenol	<0.38		0.38	0.013	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
2,4-Dimethylphenol	<0.38		0.38	0.085	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
2,4-Dinitrophenol	<0.76		0.76	0.22	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
2,4-Dinitrotoluene	<0.19		0.19	0.021	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
2,6-Dinitrotoluene	<0.19		0.19	0.026	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
2-Methylnaphthalene	<0.076		0.076	0.0076	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
2-Methylphenol	<0.19		0.19	0.020	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
2-Nitroaniline	<0.19		0.19	0.020	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
2-Nitrophenol	<0.38		0.38	0.026	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
3 & 4 Methylphenol	<0.19		0.19	0.028	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.16	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
3-Nitroaniline	<0.38		0.38	0.017	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.21	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.026	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
4-Chloro-3-methylphenol	<0.38		0.38	0.032	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
4-Chloroaniline	<0.76		0.76	0.40	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
4-Nitroaniline	<0.38		0.38	0.028	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
4-Nitrophenol	<0.76		0.76	0.41	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
Acenaphthene	<0.038		0.038	0.0077	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
Acenaphthylene	<0.038		0.038	0.0064	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
Anthracene	<0.038		0.038	0.0077	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
Benzo[a]anthracene	0.021 J		0.038	0.0080	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
Benzo[a]pyrene	<0.038		0.038	0.036	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
Benzo[b]fluoranthene	<0.038		0.038	0.036	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
Benzo[g,h,i]perylene	0.030 J		0.038	0.017	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
Benzo[k]fluoranthene	<0.038		0.038	0.014	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.017	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.15	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
Butyl benzyl phthalate	<0.19		0.19	0.019	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
Carbazole	<0.19		0.19	0.015	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
Chrysene	0.030 J		0.038	0.010	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
Dibenz(a,h)anthracene	<0.038		0.038	0.038	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
Dibenzofuran	<0.19		0.19	0.013	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
Diethyl phthalate	<0.19		0.19	0.017	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
Dimethyl phthalate	<0.19		0.19	0.0082	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
Di-n-octyl phthalate	<0.38		0.38	0.26	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
Fluoranthene	0.019 J		0.038	0.0088	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
Fluorene	<0.038		0.038	0.011	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
Hexachlorobenzene	<0.076		0.076	0.0072	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
Hexachlorobutadiene	<0.19		0.19	0.021	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B01 (0-5)

Lab Sample ID: 500-270891-5

Date Collected: 06/30/25 11:45

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 82.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	<0.76		0.76	0.40	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
Hexachloroethane	<0.19		0.19	0.019	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
Indeno[1,2,3-cd]pyrene	<0.038		0.038	0.037	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
Isophorone	<0.19		0.19	0.019	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
Naphthalene	<0.038		0.038	0.0068	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
Nitrobenzene	<0.038		0.038	0.012	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.022	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
N-Nitrosodiphenylamine	<0.19		0.19	0.075	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
Pentachlorophenol	<0.76		0.76	0.42	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
Phenanthrene	0.010	J	0.038	0.0082	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
Phenol	<0.19		0.19	0.016	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1
Pyrene	0.022	J	0.038	0.010	mg/Kg	☆	07/03/25 07:15	07/03/25 19:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	82		31 - 166	07/03/25 07:15	07/03/25 19:08	1
Phenol-d5 (Surr)	79		30 - 153	07/03/25 07:15	07/03/25 19:08	1
Nitrobenzene-d5 (Surr)	89		37 - 147	07/03/25 07:15	07/03/25 19:08	1
2-Fluorobiphenyl (Surr)	88		43 - 145	07/03/25 07:15	07/03/25 19:08	1
2,4,6-Tribromophenol (Surr)	71		31 - 143	07/03/25 07:15	07/03/25 19:08	1
Terphenyl-d14 (Surr)	97		42 - 157	07/03/25 07:15	07/03/25 19:08	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.1		1.1	0.22	mg/Kg	☆	07/03/25 08:52	07/08/25 21:33	1
Arsenic	5.9		0.57	0.20	mg/Kg	☆	07/03/25 08:52	07/08/25 21:33	1
Barium	58	B	0.57	0.065	mg/Kg	☆	07/03/25 08:52	07/08/25 21:33	1
Beryllium	0.78		0.23	0.053	mg/Kg	☆	07/03/25 08:52	07/08/25 21:33	1
Boron	18	B	2.9	0.27	mg/Kg	☆	07/03/25 08:52	07/08/25 21:33	1
Cadmium	0.11		0.11	0.021	mg/Kg	☆	07/03/25 08:52	07/08/25 21:33	1
Chromium	25		0.57	0.28	mg/Kg	☆	07/03/25 08:52	07/08/25 21:33	1
Cobalt	14		0.29	0.075	mg/Kg	☆	07/03/25 08:52	07/08/25 21:33	1
Copper	23		0.57	0.16	mg/Kg	☆	07/03/25 08:52	07/08/25 21:33	1
Iron	20000	B	11	5.9	mg/Kg	☆	07/03/25 08:52	07/08/25 21:33	1
Lead	15		0.29	0.13	mg/Kg	☆	07/03/25 08:52	07/08/25 21:33	1
Magnesium	12000		5.7	2.8	mg/Kg	☆	07/03/25 08:52	07/08/25 21:33	1
Manganese	240		0.57	0.083	mg/Kg	☆	07/03/25 08:52	07/08/25 21:33	1
Nickel	41		0.57	0.17	mg/Kg	☆	07/03/25 08:52	07/08/25 21:33	1
Selenium	<0.57		0.57	0.34	mg/Kg	☆	07/03/25 08:52	07/08/25 21:33	1
Silver	<0.29		0.29	0.074	mg/Kg	☆	07/03/25 08:52	07/08/25 21:33	1
Thallium	0.79		0.57	0.28	mg/Kg	☆	07/03/25 08:52	07/08/25 21:33	1
Vanadium	28		0.29	0.067	mg/Kg	☆	07/03/25 08:52	07/08/25 21:33	1
Zinc	64		1.1	0.50	mg/Kg	☆	07/03/25 08:52	07/08/25 21:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0047	J B	0.010	0.0037	mg/L		07/08/25 15:05	07/09/25 20:26	1
Barium	0.20		0.010	0.0012	mg/L		07/08/25 15:05	07/09/25 20:26	1
Beryllium	0.0021	J	0.0040	0.00089	mg/L		07/08/25 15:05	07/09/25 20:26	1
Boron	0.14	J B	0.50	0.0056	mg/L		07/08/25 15:05	07/09/25 20:26	1
Cadmium	0.0021	J	0.0050	0.00043	mg/L		07/08/25 15:05	07/09/25 20:26	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B01 (0-5)

Lab Sample ID: 500-270891-5

Date Collected: 06/30/25 11:45

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 82.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.010		0.010	0.0017	mg/L		07/08/25 15:05	07/09/25 20:26	1
Cobalt	0.0064		0.0050	0.00078	mg/L		07/08/25 15:05	07/09/25 20:26	1
Copper	0.0048	J	0.010	0.0018	mg/L		07/08/25 15:05	07/09/25 20:26	1
Iron	0.098	J	0.40	0.082	mg/L		07/08/25 15:05	07/09/25 20:26	1
Lead	0.026		0.0075	0.0027	mg/L		07/08/25 15:05	07/09/25 20:26	1
Manganese	0.22		0.010	0.0023	mg/L		07/08/25 15:05	07/09/25 20:26	1
Nickel	0.028		0.010	0.0048	mg/L		07/08/25 15:05	07/09/25 20:26	1
Selenium	<0.050		0.050	0.0053	mg/L		07/08/25 15:05	07/09/25 20:26	1
Silver	<0.0050		0.0050	0.0015	mg/L		07/08/25 15:05	07/09/25 20:26	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		07/08/25 15:05	07/09/25 20:26	1
Zinc	0.095	J	0.50	0.0050	mg/L		07/08/25 15:05	07/09/25 20:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.18		0.0075	0.0027	mg/L		07/08/25 15:25	07/09/25 21:30	1
Manganese	0.82		0.010	0.0023	mg/L		07/08/25 15:25	07/09/25 21:30	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0060	mg/L		07/08/25 15:05	07/14/25 16:29	1
Thallium	<0.0020		0.0020	0.0020	mg/L		07/08/25 15:05	07/14/25 16:29	1

Method: SW846 7470A - Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/25 11:20	07/10/25 10:10	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.16		0.019	0.0079	mg/Kg	☼	07/10/25 15:15	07/11/25 11:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.27		0.27	0.13	mg/Kg	☼	07/06/25 12:53	07/07/25 11:21	1
pH (SW846 9045D)	8.5		0.2	0.2	SU			07/02/25 10:55	1

Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B01 (5-10)

Lab Sample ID: 500-270891-6

Date Collected: 06/30/25 11:50

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 80.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015		0.015	0.0065	mg/Kg	☆	07/01/25 19:06	07/02/25 15:20	1
Benzene	<0.0015		0.0015	0.00049	mg/Kg	☆	07/01/25 19:06	07/02/25 15:20	1
Bromodichloromethane	<0.0015		0.0015	0.00050	mg/Kg	☆	07/01/25 19:06	07/02/25 15:20	1
Bromoform	<0.0015		0.0015	0.00090	mg/Kg	☆	07/01/25 19:06	07/02/25 15:20	1
Bromomethane	<0.0039		0.0039	0.0019	mg/Kg	☆	07/01/25 19:06	07/02/25 15:20	1
2-Butanone (MEK)	<0.0039		0.0039	0.0017	mg/Kg	☆	07/01/25 19:06	07/02/25 15:20	1
Carbon disulfide	<0.0039		0.0039	0.00071	mg/Kg	☆	07/01/25 19:06	07/02/25 15:20	1
Carbon tetrachloride	<0.0015		0.0015	0.00053	mg/Kg	☆	07/01/25 19:06	07/02/25 15:20	1
Chlorobenzene	<0.0015		0.0015	0.00065	mg/Kg	☆	07/01/25 19:06	07/02/25 15:20	1
Chloroethane	<0.0039	*-	0.0039	0.0013	mg/Kg	☆	07/01/25 19:06	07/02/25 15:20	1
Chloroform	0.0013	J B	0.0015	0.0011	mg/Kg	☆	07/01/25 19:06	07/02/25 15:20	1
Chloromethane	<0.0039	*-	0.0039	0.00075	mg/Kg	☆	07/01/25 19:06	07/02/25 15:20	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00062	mg/Kg	☆	07/01/25 19:06	07/02/25 15:20	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00062	mg/Kg	☆	07/01/25 19:06	07/02/25 15:20	1
Dibromochloromethane	<0.0015		0.0015	0.00072	mg/Kg	☆	07/01/25 19:06	07/02/25 15:20	1
1,2-Dibromo-3-Chloropropane	<3.9		3.9	2.7	ug/Kg	☆	07/01/25 19:06	07/02/25 15:20	1
1,1-Dichloroethane	<0.0015		0.0015	0.00058	mg/Kg	☆	07/01/25 19:06	07/02/25 15:20	1
1,2-Dichloroethane	<0.0039		0.0039	0.0010	mg/Kg	☆	07/01/25 19:06	07/02/25 15:20	1
1,1-Dichloroethene	<0.0015		0.0015	0.00064	mg/Kg	☆	07/01/25 19:06	07/02/25 15:20	1
1,2-Dichloropropane	<0.0015		0.0015	0.00040	mg/Kg	☆	07/01/25 19:06	07/02/25 15:20	1
1,3-Dichloropropene, Total	<0.0015		0.0015	0.00074	mg/Kg	☆	07/01/25 19:06	07/02/25 15:20	1
Ethylbenzene	<0.0015		0.0015	0.00081	mg/Kg	☆	07/01/25 19:06	07/02/25 15:20	1
2-Hexanone	<0.0039		0.0039	0.0023	mg/Kg	☆	07/01/25 19:06	07/02/25 15:20	1
Methylene Chloride	<0.0039		0.0039	0.0017	mg/Kg	☆	07/01/25 19:06	07/02/25 15:20	1
4-Methyl-2-pentanone (MIBK)	<0.0039		0.0039	0.0027	mg/Kg	☆	07/01/25 19:06	07/02/25 15:20	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00050	mg/Kg	☆	07/01/25 19:06	07/02/25 15:20	1
Styrene	<0.0015		0.0015	0.00070	mg/Kg	☆	07/01/25 19:06	07/02/25 15:20	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00077	mg/Kg	☆	07/01/25 19:06	07/02/25 15:20	1
Tetrachloroethene	<0.0015		0.0015	0.00087	mg/Kg	☆	07/01/25 19:06	07/02/25 15:20	1
Toluene	<0.0015		0.0015	0.00031	mg/Kg	☆	07/01/25 19:06	07/02/25 15:20	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00058	mg/Kg	☆	07/01/25 19:06	07/02/25 15:20	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00074	mg/Kg	☆	07/01/25 19:06	07/02/25 15:20	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00063	mg/Kg	☆	07/01/25 19:06	07/02/25 15:20	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00058	mg/Kg	☆	07/01/25 19:06	07/02/25 15:20	1
Trichloroethene	<0.0015		0.0015	0.00042	mg/Kg	☆	07/01/25 19:06	07/02/25 15:20	1
Vinyl acetate	<0.0039		0.0039	0.00092	mg/Kg	☆	07/01/25 19:06	07/02/25 15:20	1
Vinyl chloride	<0.0015	*-	0.0015	0.00063	mg/Kg	☆	07/01/25 19:06	07/02/25 15:20	1
Xylenes, Total	<0.0031		0.0031	0.00053	mg/Kg	☆	07/01/25 19:06	07/02/25 15:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		75 - 131	07/01/25 19:06	07/02/25 15:20	1
Dibromofluoromethane	101		75 - 126	07/01/25 19:06	07/02/25 15:20	1
1,2-Dichloroethane-d4 (Surr)	99		70 - 134	07/01/25 19:06	07/02/25 15:20	1
Toluene-d8 (Surr)	103		75 - 124	07/01/25 19:06	07/02/25 15:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.029	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1
1,2-Dichlorobenzene	<0.20		0.20	0.016	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1
1,3-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B01 (5-10)

Lab Sample ID: 500-270891-6

Date Collected: 06/30/25 11:50

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 80.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	<0.20		0.20	0.019	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.029	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1
2,4,5-Trichlorophenol	<0.40		0.40	0.015	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1
2,4,6-Trichlorophenol	<0.40		0.40	0.014	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1
2,4-Dichlorophenol	<0.40		0.40	0.014	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1
2,4-Dimethylphenol	<0.40		0.40	0.089	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1
2,4-Dinitrophenol	<0.81		0.81	0.23	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1
2,4-Dinitrotoluene	<0.20		0.20	0.023	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1
2,6-Dinitrotoluene	<0.20		0.20	0.028	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1
2-Chloronaphthalene	<0.20		0.20	0.015	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1
2-Chlorophenol	<0.20		0.20	0.013	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1
2-Methylnaphthalene	<0.081		0.081	0.0080	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1
2-Methylphenol	<0.20		0.20	0.021	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1
2-Nitroaniline	<0.20		0.20	0.021	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1
2-Nitrophenol	<0.40		0.40	0.027	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1
3 & 4 Methylphenol	<0.20		0.20	0.029	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.17	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1
3-Nitroaniline	<0.40		0.40	0.018	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1
4,6-Dinitro-2-methylphenol	<0.81		0.81	0.23	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.027	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1
4-Chloro-3-methylphenol	<0.40		0.40	0.033	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1
4-Chloroaniline	<0.81		0.81	0.42	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1
4-Nitroaniline	<0.40		0.40	0.030	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1
4-Nitrophenol	<0.81		0.81	0.43	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1
Acenaphthene	<0.040		0.040	0.0081	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1
Acenaphthylene	<0.040		0.040	0.0068	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1
Anthracene	<0.040		0.040	0.0082	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1
Benzo[a]anthracene	<0.040		0.040	0.0085	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1
Benzo[a]pyrene	<0.040		0.040	0.039	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1
Benzo[b]fluoranthene	<0.040		0.040	0.038	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1
Benzo[g,h,i]perylene	0.033 J		0.040	0.018	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1
Benzo[k]fluoranthene	<0.040		0.040	0.015	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.018	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.16	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1
Butyl benzyl phthalate	<0.20		0.20	0.020	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1
Carbazole	<0.20		0.20	0.016	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1
Chrysene	0.023 J		0.040	0.011	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1
Dibenz(a,h)anthracene	<0.040		0.040	0.040	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1
Dibenzofuran	<0.20		0.20	0.014	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1
Diethyl phthalate	<0.20		0.20	0.018	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1
Dimethyl phthalate	<0.20		0.20	0.0087	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1
Di-n-butyl phthalate	<0.20		0.20	0.013	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1
Di-n-octyl phthalate	<0.40		0.40	0.28	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1
Fluoranthene	<0.040		0.040	0.0093	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1
Fluorene	<0.040		0.040	0.012	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1
Hexachlorobenzene	<0.081		0.081	0.0077	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1
Hexachlorobutadiene	<0.20		0.20	0.023	mg/Kg	☆	07/03/25 07:15	07/03/25 19:33	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B01 (5-10)

Lab Sample ID: 500-270891-6

Date Collected: 06/30/25 11:50

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 80.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	<0.81		0.81	0.42	mg/Kg	✱	07/03/25 07:15	07/03/25 19:33	1
Hexachloroethane	<0.20		0.20	0.020	mg/Kg	✱	07/03/25 07:15	07/03/25 19:33	1
Indeno[1,2,3-cd]pyrene	<0.040		0.040	0.039	mg/Kg	✱	07/03/25 07:15	07/03/25 19:33	1
Isophorone	<0.20		0.20	0.021	mg/Kg	✱	07/03/25 07:15	07/03/25 19:33	1
Naphthalene	<0.040		0.040	0.0072	mg/Kg	✱	07/03/25 07:15	07/03/25 19:33	1
Nitrobenzene	<0.040		0.040	0.013	mg/Kg	✱	07/03/25 07:15	07/03/25 19:33	1
N-Nitrosodi-n-propylamine	<0.081		0.081	0.023	mg/Kg	✱	07/03/25 07:15	07/03/25 19:33	1
N-Nitrosodiphenylamine	<0.20		0.20	0.079	mg/Kg	✱	07/03/25 07:15	07/03/25 19:33	1
Pentachlorophenol	<0.81		0.81	0.45	mg/Kg	✱	07/03/25 07:15	07/03/25 19:33	1
Phenanthrene	0.013	J	0.040	0.0087	mg/Kg	✱	07/03/25 07:15	07/03/25 19:33	1
Phenol	<0.20		0.20	0.017	mg/Kg	✱	07/03/25 07:15	07/03/25 19:33	1
Pyrene	0.026	J	0.040	0.011	mg/Kg	✱	07/03/25 07:15	07/03/25 19:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	80		31 - 166	07/03/25 07:15	07/03/25 19:33	1
Phenol-d5 (Surr)	79		30 - 153	07/03/25 07:15	07/03/25 19:33	1
Nitrobenzene-d5 (Surr)	87		37 - 147	07/03/25 07:15	07/03/25 19:33	1
2-Fluorobiphenyl (Surr)	85		43 - 145	07/03/25 07:15	07/03/25 19:33	1
2,4,6-Tribromophenol (Surr)	66		31 - 143	07/03/25 07:15	07/03/25 19:33	1
Terphenyl-d14 (Surr)	92		42 - 157	07/03/25 07:15	07/03/25 19:33	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.1		1.1	0.22	mg/Kg	✱	07/03/25 08:52	07/08/25 21:37	1
Arsenic	5.7		0.57	0.19	mg/Kg	✱	07/03/25 08:52	07/08/25 21:37	1
Barium	72	B	0.57	0.065	mg/Kg	✱	07/03/25 08:52	07/08/25 21:37	1
Beryllium	0.58		0.23	0.053	mg/Kg	✱	07/03/25 08:52	07/08/25 21:37	1
Boron	20	B	2.8	0.26	mg/Kg	✱	07/03/25 08:52	07/08/25 21:37	1
Cadmium	0.17		0.11	0.020	mg/Kg	✱	07/03/25 08:52	07/08/25 21:37	1
Chromium	22		0.57	0.28	mg/Kg	✱	07/03/25 08:52	07/08/25 21:37	1
Cobalt	10		0.28	0.074	mg/Kg	✱	07/03/25 08:52	07/08/25 21:37	1
Copper	23		0.57	0.16	mg/Kg	✱	07/03/25 08:52	07/08/25 21:37	1
Iron	18000	B	11	5.9	mg/Kg	✱	07/03/25 08:52	07/08/25 21:37	1
Lead	14		1.4	0.66	mg/Kg	✱	07/03/25 08:52	07/09/25 16:36	5
Magnesium	21000		5.7	2.8	mg/Kg	✱	07/03/25 08:52	07/08/25 21:37	1
Manganese	220		0.57	0.082	mg/Kg	✱	07/03/25 08:52	07/08/25 21:37	1
Nickel	36		0.57	0.17	mg/Kg	✱	07/03/25 08:52	07/08/25 21:37	1
Selenium	<0.57		0.57	0.33	mg/Kg	✱	07/03/25 08:52	07/08/25 21:37	1
Silver	<0.28		0.28	0.073	mg/Kg	✱	07/03/25 08:52	07/08/25 21:37	1
Thallium	0.54	J	0.57	0.28	mg/Kg	✱	07/03/25 08:52	07/08/25 21:37	1
Vanadium	24		0.28	0.067	mg/Kg	✱	07/03/25 08:52	07/08/25 21:37	1
Zinc	61		1.1	0.50	mg/Kg	✱	07/03/25 08:52	07/08/25 21:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0054	J B	0.010	0.0037	mg/L		07/08/25 15:05	07/09/25 19:11	1
Barium	0.65	B	0.010	0.0012	mg/L		07/08/25 15:05	07/09/25 19:11	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		07/08/25 15:05	07/09/25 19:11	1
Boron	0.30	J	2.5	0.028	mg/L		07/08/25 15:05	07/10/25 15:46	5
Cadmium	0.0026	J B	0.0050	0.00043	mg/L		07/08/25 15:05	07/09/25 19:11	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B01 (5-10)

Lab Sample ID: 500-270891-6

Date Collected: 06/30/25 11:50

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 80.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.0019	J B	0.010	0.0017	mg/L		07/08/25 15:05	07/09/25 19:11	1
Cobalt	0.0033	J B	0.0050	0.00078	mg/L		07/08/25 15:05	07/09/25 19:11	1
Copper	0.0020	J B	0.010	0.0018	mg/L		07/08/25 15:05	07/09/25 19:11	1
Iron	0.69		0.40	0.082	mg/L		07/08/25 15:05	07/09/25 19:11	1
Lead	0.0088		0.0075	0.0027	mg/L		07/08/25 15:05	07/09/25 19:11	1
Manganese	0.84		0.010	0.0023	mg/L		07/08/25 15:05	07/09/25 19:11	1
Nickel	0.0092	J	0.010	0.0048	mg/L		07/08/25 15:05	07/09/25 19:11	1
Selenium	<0.050		0.050	0.0053	mg/L		07/08/25 15:05	07/09/25 19:11	1
Silver	<0.0050		0.0050	0.0015	mg/L		07/08/25 15:05	07/09/25 19:11	1
Vanadium	0.0014	J	0.0050	0.00092	mg/L		07/08/25 15:05	07/09/25 19:11	1
Zinc	0.0054	J	0.50	0.0050	mg/L		07/08/25 15:05	07/09/25 19:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.024		0.0075	0.0027	mg/L		07/08/25 15:25	07/09/25 21:34	1
Manganese	0.20		0.010	0.0023	mg/L		07/08/25 15:25	07/09/25 21:34	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0060	mg/L		07/08/25 15:05	07/14/25 15:32	1
Thallium	<0.0020		0.0020	0.0020	mg/L		07/08/25 15:05	07/14/25 15:32	1

Method: SW846 7470A - Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/25 11:20	07/10/25 09:38	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.024		0.019	0.0078	mg/Kg	☼	07/10/25 15:15	07/11/25 11:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.26		0.26	0.13	mg/Kg	☼	07/06/25 12:53	07/07/25 11:24	1
pH (SW846 9045D)	7.8		0.2	0.2	SU			07/02/25 10:57	1

Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B01 (10-15)

Lab Sample ID: 500-270891-7

Date Collected: 06/30/25 11:55

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 81.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.014		0.014	0.0058	mg/Kg	☆	07/01/25 19:06	07/02/25 15:45	1
Benzene	<0.0014		0.0014	0.00044	mg/Kg	☆	07/01/25 19:06	07/02/25 15:45	1
Bromodichloromethane	<0.0014		0.0014	0.00044	mg/Kg	☆	07/01/25 19:06	07/02/25 15:45	1
Bromoform	<0.0014		0.0014	0.00081	mg/Kg	☆	07/01/25 19:06	07/02/25 15:45	1
Bromomethane	<0.0035		0.0035	0.0017	mg/Kg	☆	07/01/25 19:06	07/02/25 15:45	1
2-Butanone (MEK)	<0.0035		0.0035	0.0015	mg/Kg	☆	07/01/25 19:06	07/02/25 15:45	1
Carbon disulfide	<0.0035		0.0035	0.00064	mg/Kg	☆	07/01/25 19:06	07/02/25 15:45	1
Carbon tetrachloride	<0.0014		0.0014	0.00047	mg/Kg	☆	07/01/25 19:06	07/02/25 15:45	1
Chlorobenzene	<0.0014		0.0014	0.00058	mg/Kg	☆	07/01/25 19:06	07/02/25 15:45	1
Chloroethane	<0.0035	*-	0.0035	0.0011	mg/Kg	☆	07/01/25 19:06	07/02/25 15:45	1
Chloroform	0.0011	J B	0.0014	0.0010	mg/Kg	☆	07/01/25 19:06	07/02/25 15:45	1
Chloromethane	<0.0035	*-	0.0035	0.00067	mg/Kg	☆	07/01/25 19:06	07/02/25 15:45	1
cis-1,2-Dichloroethene	<0.0014		0.0014	0.00056	mg/Kg	☆	07/01/25 19:06	07/02/25 15:45	1
cis-1,3-Dichloropropene	<0.0014		0.0014	0.00056	mg/Kg	☆	07/01/25 19:06	07/02/25 15:45	1
Dibromochloromethane	<0.0014		0.0014	0.00064	mg/Kg	☆	07/01/25 19:06	07/02/25 15:45	1
1,2-Dibromo-3-Chloropropane	<3.5		3.5	2.4	ug/Kg	☆	07/01/25 19:06	07/02/25 15:45	1
1,1-Dichloroethane	<0.0014		0.0014	0.00052	mg/Kg	☆	07/01/25 19:06	07/02/25 15:45	1
1,2-Dichloroethane	<0.0035		0.0035	0.00090	mg/Kg	☆	07/01/25 19:06	07/02/25 15:45	1
1,1-Dichloroethene	<0.0014		0.0014	0.00057	mg/Kg	☆	07/01/25 19:06	07/02/25 15:45	1
1,2-Dichloropropane	<0.0014		0.0014	0.00036	mg/Kg	☆	07/01/25 19:06	07/02/25 15:45	1
1,3-Dichloropropene, Total	<0.0014		0.0014	0.00066	mg/Kg	☆	07/01/25 19:06	07/02/25 15:45	1
Ethylbenzene	<0.0014		0.0014	0.00073	mg/Kg	☆	07/01/25 19:06	07/02/25 15:45	1
2-Hexanone	<0.0035		0.0035	0.0021	mg/Kg	☆	07/01/25 19:06	07/02/25 15:45	1
Methylene Chloride	<0.0035		0.0035	0.0015	mg/Kg	☆	07/01/25 19:06	07/02/25 15:45	1
4-Methyl-2-pentanone (MIBK)	<0.0035		0.0035	0.0025	mg/Kg	☆	07/01/25 19:06	07/02/25 15:45	1
Methyl tert-butyl ether	<0.0014		0.0014	0.00045	mg/Kg	☆	07/01/25 19:06	07/02/25 15:45	1
Styrene	<0.0014		0.0014	0.00062	mg/Kg	☆	07/01/25 19:06	07/02/25 15:45	1
1,1,2,2-Tetrachloroethane	<0.0014		0.0014	0.00069	mg/Kg	☆	07/01/25 19:06	07/02/25 15:45	1
Tetrachloroethene	<0.0014		0.0014	0.00078	mg/Kg	☆	07/01/25 19:06	07/02/25 15:45	1
Toluene	<0.0014		0.0014	0.00028	mg/Kg	☆	07/01/25 19:06	07/02/25 15:45	1
trans-1,2-Dichloroethene	<0.0014		0.0014	0.00052	mg/Kg	☆	07/01/25 19:06	07/02/25 15:45	1
trans-1,3-Dichloropropene	<0.0014		0.0014	0.00066	mg/Kg	☆	07/01/25 19:06	07/02/25 15:45	1
1,1,1-Trichloroethane	<0.0014		0.0014	0.00056	mg/Kg	☆	07/01/25 19:06	07/02/25 15:45	1
1,1,2-Trichloroethane	<0.0014		0.0014	0.00052	mg/Kg	☆	07/01/25 19:06	07/02/25 15:45	1
Trichloroethene	<0.0014		0.0014	0.00038	mg/Kg	☆	07/01/25 19:06	07/02/25 15:45	1
Vinyl acetate	<0.0035		0.0035	0.00083	mg/Kg	☆	07/01/25 19:06	07/02/25 15:45	1
Vinyl chloride	<0.0014	*-	0.0014	0.00057	mg/Kg	☆	07/01/25 19:06	07/02/25 15:45	1
Xylenes, Total	<0.0028		0.0028	0.00047	mg/Kg	☆	07/01/25 19:06	07/02/25 15:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		75 - 131	07/01/25 19:06	07/02/25 15:45	1
Dibromofluoromethane	103		75 - 126	07/01/25 19:06	07/02/25 15:45	1
1,2-Dichloroethane-d4 (Surr)	100		70 - 134	07/01/25 19:06	07/02/25 15:45	1
Toluene-d8 (Surr)	106		75 - 124	07/01/25 19:06	07/02/25 15:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.029	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1
1,2-Dichlorobenzene	<0.20		0.20	0.016	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1
1,3-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B01 (10-15)

Lab Sample ID: 500-270891-7

Date Collected: 06/30/25 11:55

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 81.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	<0.20		0.20	0.019	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.029	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1
2,4,5-Trichlorophenol	<0.40		0.40	0.015	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1
2,4,6-Trichlorophenol	<0.40		0.40	0.014	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1
2,4-Dichlorophenol	<0.40		0.40	0.014	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1
2,4-Dimethylphenol	<0.40		0.40	0.090	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1
2,4-Dinitrophenol	<0.81		0.81	0.23	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1
2,4-Dinitrotoluene	<0.20		0.20	0.023	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1
2,6-Dinitrotoluene	<0.20		0.20	0.028	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1
2-Chloronaphthalene	<0.20		0.20	0.015	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1
2-Chlorophenol	<0.20		0.20	0.013	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1
2-Methylnaphthalene	0.074	J	0.081	0.0080	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1
2-Methylphenol	<0.20		0.20	0.021	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1
2-Nitroaniline	<0.20		0.20	0.021	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1
2-Nitrophenol	<0.40		0.40	0.027	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1
3 & 4 Methylphenol	<0.20		0.20	0.029	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.17	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1
3-Nitroaniline	<0.40		0.40	0.018	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1
4,6-Dinitro-2-methylphenol	<0.81		0.81	0.23	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.027	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1
4-Chloro-3-methylphenol	<0.40		0.40	0.034	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1
4-Chloroaniline	<0.81		0.81	0.42	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1
4-Nitroaniline	<0.40		0.40	0.030	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1
4-Nitrophenol	<0.81		0.81	0.43	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1
Acenaphthene	<0.040		0.040	0.0081	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1
Acenaphthylene	<0.040		0.040	0.0068	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1
Anthracene	<0.040		0.040	0.0082	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1
Benzo[a]anthracene	<0.040		0.040	0.0085	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1
Benzo[a]pyrene	<0.040		0.040	0.039	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1
Benzo[b]fluoranthene	<0.040		0.040	0.038	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1
Benzo[g,h,i]perylene	0.019	J	0.040	0.018	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1
Benzo[k]fluoranthene	<0.040		0.040	0.015	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.018	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.16	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1
Butyl benzyl phthalate	<0.20		0.20	0.020	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1
Carbazole	<0.20		0.20	0.016	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1
Chrysene	<0.040		0.040	0.011	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1
Dibenz(a,h)anthracene	<0.040		0.040	0.040	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1
Dibenzofuran	0.017	J	0.20	0.014	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1
Diethyl phthalate	<0.20		0.20	0.018	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1
Dimethyl phthalate	<0.20		0.20	0.0087	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1
Di-n-butyl phthalate	<0.20		0.20	0.013	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1
Di-n-octyl phthalate	<0.40		0.40	0.28	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1
Fluoranthene	<0.040		0.040	0.0093	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1
Fluorene	<0.040		0.040	0.012	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1
Hexachlorobenzene	<0.081		0.081	0.0077	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1
Hexachlorobutadiene	<0.20		0.20	0.023	mg/Kg	☆	07/03/25 07:15	07/03/25 18:44	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B01 (10-15)

Lab Sample ID: 500-270891-7

Date Collected: 06/30/25 11:55

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 81.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	<0.81		0.81	0.42	mg/Kg	✱	07/03/25 07:15	07/03/25 18:44	1
Hexachloroethane	<0.20		0.20	0.020	mg/Kg	✱	07/03/25 07:15	07/03/25 18:44	1
Indeno[1,2,3-cd]pyrene	<0.040		0.040	0.039	mg/Kg	✱	07/03/25 07:15	07/03/25 18:44	1
Isophorone	<0.20		0.20	0.021	mg/Kg	✱	07/03/25 07:15	07/03/25 18:44	1
Naphthalene	0.013	J	0.040	0.0072	mg/Kg	✱	07/03/25 07:15	07/03/25 18:44	1
Nitrobenzene	<0.040		0.040	0.013	mg/Kg	✱	07/03/25 07:15	07/03/25 18:44	1
N-Nitrosodi-n-propylamine	<0.081		0.081	0.023	mg/Kg	✱	07/03/25 07:15	07/03/25 18:44	1
N-Nitrosodiphenylamine	<0.20		0.20	0.079	mg/Kg	✱	07/03/25 07:15	07/03/25 18:44	1
Pentachlorophenol	<0.81		0.81	0.45	mg/Kg	✱	07/03/25 07:15	07/03/25 18:44	1
Phenanthrene	0.061		0.040	0.0087	mg/Kg	✱	07/03/25 07:15	07/03/25 18:44	1
Phenol	<0.20		0.20	0.017	mg/Kg	✱	07/03/25 07:15	07/03/25 18:44	1
Pyrene	0.013	J	0.040	0.011	mg/Kg	✱	07/03/25 07:15	07/03/25 18:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	82		31 - 166	07/03/25 07:15	07/03/25 18:44	1
Phenol-d5 (Surr)	81		30 - 153	07/03/25 07:15	07/03/25 18:44	1
Nitrobenzene-d5 (Surr)	88		37 - 147	07/03/25 07:15	07/03/25 18:44	1
2-Fluorobiphenyl (Surr)	89		43 - 145	07/03/25 07:15	07/03/25 18:44	1
2,4,6-Tribromophenol (Surr)	53		31 - 143	07/03/25 07:15	07/03/25 18:44	1
Terphenyl-d14 (Surr)	93		42 - 157	07/03/25 07:15	07/03/25 18:44	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.1		1.1	0.22	mg/Kg	✱	07/03/25 08:52	07/08/25 21:41	1
Arsenic	7.0		0.57	0.20	mg/Kg	✱	07/03/25 08:52	07/08/25 21:41	1
Barium	53	B	0.57	0.066	mg/Kg	✱	07/03/25 08:52	07/08/25 21:41	1
Beryllium	0.63		0.23	0.054	mg/Kg	✱	07/03/25 08:52	07/08/25 21:41	1
Boron	23	B	2.9	0.27	mg/Kg	✱	07/03/25 08:52	07/08/25 21:41	1
Cadmium	0.078	J	0.11	0.021	mg/Kg	✱	07/03/25 08:52	07/08/25 21:41	1
Chromium	22		0.57	0.28	mg/Kg	✱	07/03/25 08:52	07/08/25 21:41	1
Cobalt	14		0.29	0.075	mg/Kg	✱	07/03/25 08:52	07/08/25 21:41	1
Copper	25		0.57	0.16	mg/Kg	✱	07/03/25 08:52	07/08/25 21:41	1
Iron	19000	B	11	6.0	mg/Kg	✱	07/03/25 08:52	07/08/25 21:41	1
Lead	16		1.4	0.66	mg/Kg	✱	07/03/25 08:52	07/09/25 16:41	5
Magnesium	22000		5.7	2.9	mg/Kg	✱	07/03/25 08:52	07/08/25 21:41	1
Manganese	320		0.57	0.083	mg/Kg	✱	07/03/25 08:52	07/08/25 21:41	1
Nickel	38		0.57	0.17	mg/Kg	✱	07/03/25 08:52	07/08/25 21:41	1
Selenium	<0.57		0.57	0.34	mg/Kg	✱	07/03/25 08:52	07/08/25 21:41	1
Silver	<0.29		0.29	0.074	mg/Kg	✱	07/03/25 08:52	07/08/25 21:41	1
Thallium	0.75		0.57	0.29	mg/Kg	✱	07/03/25 08:52	07/08/25 21:41	1
Vanadium	25		0.29	0.068	mg/Kg	✱	07/03/25 08:52	07/08/25 21:41	1
Zinc	55		1.1	0.50	mg/Kg	✱	07/03/25 08:52	07/08/25 21:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.019	B	0.010	0.0037	mg/L		07/08/25 15:05	07/09/25 19:25	1
Barium	0.79	B	0.010	0.0012	mg/L		07/08/25 15:05	07/09/25 19:25	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		07/08/25 15:05	07/09/25 19:25	1
Boron	0.055	J	2.5	0.028	mg/L		07/08/25 15:05	07/10/25 15:50	5
Cadmium	0.0010	J B	0.0050	0.00043	mg/L		07/08/25 15:05	07/09/25 19:25	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B01 (10-15)

Lab Sample ID: 500-270891-7

Date Collected: 06/30/25 11:55

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 81.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.0028	J B	0.010	0.0017	mg/L		07/08/25 15:05	07/09/25 19:25	1
Cobalt	0.019	B	0.0050	0.00078	mg/L		07/08/25 15:05	07/09/25 19:25	1
Copper	0.0038	J B	0.010	0.0018	mg/L		07/08/25 15:05	07/09/25 19:25	1
Iron	0.18	J	0.40	0.082	mg/L		07/08/25 15:05	07/09/25 19:25	1
Lead	0.016		0.0075	0.0027	mg/L		07/08/25 15:05	07/09/25 19:25	1
Manganese	2.3		0.010	0.0023	mg/L		07/08/25 15:05	07/09/25 19:25	1
Nickel	0.068		0.010	0.0048	mg/L		07/08/25 15:05	07/09/25 19:25	1
Selenium	0.018	J	0.050	0.0053	mg/L		07/08/25 15:05	07/09/25 19:25	1
Silver	<0.0050		0.0050	0.0015	mg/L		07/08/25 15:05	07/09/25 19:25	1
Vanadium	0.0015	J	0.0050	0.00092	mg/L		07/08/25 15:05	07/09/25 19:25	1
Zinc	0.012	J	0.50	0.0050	mg/L		07/08/25 15:05	07/09/25 19:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.0075		0.0075	0.0027	mg/L		07/08/25 15:25	07/09/25 21:38	1
Manganese	0.032		0.010	0.0023	mg/L		07/08/25 15:25	07/09/25 21:38	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0060	mg/L		07/08/25 15:05	07/14/25 15:36	1
Thallium	<0.0020		0.0020	0.0020	mg/L		07/08/25 15:05	07/14/25 15:36	1

Method: SW846 7470A - Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/25 11:20	07/10/25 09:40	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.13		0.019	0.0077	mg/Kg	☼	07/10/25 15:15	07/11/25 11:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.27		0.27	0.13	mg/Kg	☼	07/06/25 12:53	07/07/25 11:26	1
pH (SW846 9045D)	7.4		0.2	0.2	SU			07/02/25 11:00	1

Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B01 (15-19.5)

Lab Sample ID: 500-270891-8

Date Collected: 06/30/25 12:00

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 82.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.014		0.014	0.0059	mg/Kg	✱	07/01/25 19:06	07/02/25 16:10	1
Benzene	<0.0014		0.0014	0.00044	mg/Kg	✱	07/01/25 19:06	07/02/25 16:10	1
Bromodichloromethane	<0.0014		0.0014	0.00045	mg/Kg	✱	07/01/25 19:06	07/02/25 16:10	1
Bromoform	<0.0014		0.0014	0.00082	mg/Kg	✱	07/01/25 19:06	07/02/25 16:10	1
Bromomethane	<0.0035		0.0035	0.0017	mg/Kg	✱	07/01/25 19:06	07/02/25 16:10	1
2-Butanone (MEK)	<0.0035		0.0035	0.0015	mg/Kg	✱	07/01/25 19:06	07/02/25 16:10	1
Carbon disulfide	<0.0035		0.0035	0.00065	mg/Kg	✱	07/01/25 19:06	07/02/25 16:10	1
Carbon tetrachloride	<0.0014		0.0014	0.00048	mg/Kg	✱	07/01/25 19:06	07/02/25 16:10	1
Chlorobenzene	<0.0014		0.0014	0.00059	mg/Kg	✱	07/01/25 19:06	07/02/25 16:10	1
Chloroethane	<0.0035	*-	0.0035	0.0012	mg/Kg	✱	07/01/25 19:06	07/02/25 16:10	1
Chloroform	0.0011	J B	0.0014	0.0010	mg/Kg	✱	07/01/25 19:06	07/02/25 16:10	1
Chloromethane	<0.0035	*-	0.0035	0.00068	mg/Kg	✱	07/01/25 19:06	07/02/25 16:10	1
cis-1,2-Dichloroethene	<0.0014		0.0014	0.00057	mg/Kg	✱	07/01/25 19:06	07/02/25 16:10	1
cis-1,3-Dichloropropene	<0.0014		0.0014	0.00056	mg/Kg	✱	07/01/25 19:06	07/02/25 16:10	1
Dibromochloromethane	<0.0014		0.0014	0.00065	mg/Kg	✱	07/01/25 19:06	07/02/25 16:10	1
1,2-Dibromo-3-Chloropropane	<3.5		3.5	2.5	ug/Kg	✱	07/01/25 19:06	07/02/25 16:10	1
1,1-Dichloroethane	<0.0014		0.0014	0.00053	mg/Kg	✱	07/01/25 19:06	07/02/25 16:10	1
1,2-Dichloroethane	<0.0035		0.0035	0.00091	mg/Kg	✱	07/01/25 19:06	07/02/25 16:10	1
1,1-Dichloroethene	<0.0014		0.0014	0.00058	mg/Kg	✱	07/01/25 19:06	07/02/25 16:10	1
1,2-Dichloropropane	<0.0014		0.0014	0.00036	mg/Kg	✱	07/01/25 19:06	07/02/25 16:10	1
1,3-Dichloropropene, Total	<0.0014		0.0014	0.00067	mg/Kg	✱	07/01/25 19:06	07/02/25 16:10	1
Ethylbenzene	<0.0014		0.0014	0.00074	mg/Kg	✱	07/01/25 19:06	07/02/25 16:10	1
2-Hexanone	<0.0035		0.0035	0.0021	mg/Kg	✱	07/01/25 19:06	07/02/25 16:10	1
Methylene Chloride	<0.0035		0.0035	0.0015	mg/Kg	✱	07/01/25 19:06	07/02/25 16:10	1
4-Methyl-2-pentanone (MIBK)	<0.0035		0.0035	0.0025	mg/Kg	✱	07/01/25 19:06	07/02/25 16:10	1
Methyl tert-butyl ether	<0.0014		0.0014	0.00045	mg/Kg	✱	07/01/25 19:06	07/02/25 16:10	1
Styrene	<0.0014		0.0014	0.00063	mg/Kg	✱	07/01/25 19:06	07/02/25 16:10	1
1,1,2,2-Tetrachloroethane	<0.0014		0.0014	0.00070	mg/Kg	✱	07/01/25 19:06	07/02/25 16:10	1
Tetrachloroethene	<0.0014		0.0014	0.00079	mg/Kg	✱	07/01/25 19:06	07/02/25 16:10	1
Toluene	<0.0014		0.0014	0.00028	mg/Kg	✱	07/01/25 19:06	07/02/25 16:10	1
trans-1,2-Dichloroethene	<0.0014		0.0014	0.00053	mg/Kg	✱	07/01/25 19:06	07/02/25 16:10	1
trans-1,3-Dichloropropene	<0.0014		0.0014	0.00067	mg/Kg	✱	07/01/25 19:06	07/02/25 16:10	1
1,1,1-Trichloroethane	<0.0014		0.0014	0.00057	mg/Kg	✱	07/01/25 19:06	07/02/25 16:10	1
1,1,2-Trichloroethane	<0.0014		0.0014	0.00052	mg/Kg	✱	07/01/25 19:06	07/02/25 16:10	1
Trichloroethene	<0.0014		0.0014	0.00038	mg/Kg	✱	07/01/25 19:06	07/02/25 16:10	1
Vinyl acetate	<0.0035		0.0035	0.00084	mg/Kg	✱	07/01/25 19:06	07/02/25 16:10	1
Vinyl chloride	<0.0014	*-	0.0014	0.00057	mg/Kg	✱	07/01/25 19:06	07/02/25 16:10	1
Xylenes, Total	<0.0028		0.0028	0.00048	mg/Kg	✱	07/01/25 19:06	07/02/25 16:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		75 - 131	07/01/25 19:06	07/02/25 16:10	1
Dibromofluoromethane	105		75 - 126	07/01/25 19:06	07/02/25 16:10	1
1,2-Dichloroethane-d4 (Surr)	95		70 - 134	07/01/25 19:06	07/02/25 16:10	1
Toluene-d8 (Surr)	107		75 - 124	07/01/25 19:06	07/02/25 16:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.028	mg/Kg	✱	07/03/25 07:15	07/03/25 21:33	1
1,2-Dichlorobenzene	<0.20		0.20	0.016	mg/Kg	✱	07/03/25 07:15	07/03/25 21:33	1
1,3-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	✱	07/03/25 07:15	07/03/25 21:33	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B01 (15-19.5)

Lab Sample ID: 500-270891-8

Date Collected: 06/30/25 12:00

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 82.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	<0.20		0.20	0.019	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.029	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
2,4,5-Trichlorophenol	<0.40		0.40	0.015	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
2,4,6-Trichlorophenol	<0.40		0.40	0.014	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
2,4-Dichlorophenol	<0.40		0.40	0.014	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
2,4-Dimethylphenol	<0.40		0.40	0.089	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
2,4-Dinitrophenol	<0.80		0.80	0.23	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
2,4-Dinitrotoluene	<0.20		0.20	0.023	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
2,6-Dinitrotoluene	<0.20		0.20	0.028	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
2-Chloronaphthalene	<0.20		0.20	0.015	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
2-Chlorophenol	<0.20		0.20	0.013	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
2-Methylnaphthalene	0.035	J	0.080	0.0080	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
2-Methylphenol	<0.20		0.20	0.021	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
2-Nitroaniline	<0.20		0.20	0.021	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
2-Nitrophenol	<0.40		0.40	0.027	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
3 & 4 Methylphenol	<0.20		0.20	0.029	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.17	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
3-Nitroaniline	<0.40		0.40	0.018	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
4,6-Dinitro-2-methylphenol	<0.80		0.80	0.22	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.027	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
4-Chloro-3-methylphenol	<0.40		0.40	0.033	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
4-Chloroaniline	<0.80		0.80	0.42	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
4-Nitroaniline	<0.40		0.40	0.029	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
4-Nitrophenol	<0.80		0.80	0.43	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
Acenaphthene	<0.040		0.040	0.0081	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
Acenaphthylene	<0.040		0.040	0.0067	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
Anthracene	0.011	J	0.040	0.0081	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
Benzo[a]anthracene	0.023	J	0.040	0.0084	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
Benzo[a]pyrene	<0.040		0.040	0.038	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
Benzo[b]fluoranthene	0.041		0.040	0.038	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
Benzo[g,h,i]perylene	0.035	J	0.040	0.018	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
Benzo[k]fluoranthene	<0.040		0.040	0.015	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.018	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.16	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
Butyl benzyl phthalate	<0.20		0.20	0.020	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
Carbazole	<0.20		0.20	0.016	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
Chrysene	0.053		0.040	0.010	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
Dibenz(a,h)anthracene	<0.040		0.040	0.040	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
Dibenzofuran	0.029	J	0.20	0.014	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
Diethyl phthalate	<0.20		0.20	0.018	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
Dimethyl phthalate	<0.20		0.20	0.0086	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
Di-n-butyl phthalate	<0.20		0.20	0.013	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
Di-n-octyl phthalate	<0.40		0.40	0.28	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
Fluoranthene	0.034	J	0.040	0.0092	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
Fluorene	<0.040		0.040	0.012	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
Hexachlorobenzene	<0.080		0.080	0.0076	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
Hexachlorobutadiene	<0.20		0.20	0.022	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B01 (15-19.5)

Lab Sample ID: 500-270891-8

Date Collected: 06/30/25 12:00

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 82.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	<0.80		0.80	0.42	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
Hexachloroethane	<0.20		0.20	0.020	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
Indeno[1,2,3-cd]pyrene	<0.040		0.040	0.039	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
Isophorone	<0.20		0.20	0.020	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
Naphthalene	0.0076	J	0.040	0.0072	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
Nitrobenzene	<0.040		0.040	0.013	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
N-Nitrosodi-n-propylamine	<0.080		0.080	0.023	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
N-Nitrosodiphenylamine	<0.20		0.20	0.079	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
Pentachlorophenol	<0.80		0.80	0.45	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
Phenanthrene	0.13		0.040	0.0087	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
Phenol	<0.20		0.20	0.017	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1
Pyrene	0.044		0.040	0.011	mg/Kg	☆	07/03/25 07:15	07/03/25 21:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	70		31 - 166	07/03/25 07:15	07/03/25 21:33	1
Phenol-d5 (Surr)	71		30 - 153	07/03/25 07:15	07/03/25 21:33	1
Nitrobenzene-d5 (Surr)	75		37 - 147	07/03/25 07:15	07/03/25 21:33	1
2-Fluorobiphenyl (Surr)	86		43 - 145	07/03/25 07:15	07/03/25 21:33	1
2,4,6-Tribromophenol (Surr)	36		31 - 143	07/03/25 07:15	07/03/25 21:33	1
Terphenyl-d14 (Surr)	94		42 - 157	07/03/25 07:15	07/03/25 21:33	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.2		1.2	0.23	mg/Kg	☆	07/03/25 08:52	07/08/25 21:46	1
Arsenic	8.4		0.60	0.20	mg/Kg	☆	07/03/25 08:52	07/08/25 21:46	1
Barium	41	B	0.60	0.068	mg/Kg	☆	07/03/25 08:52	07/08/25 21:46	1
Beryllium	0.56		0.24	0.056	mg/Kg	☆	07/03/25 08:52	07/08/25 21:46	1
Boron	20	B	3.0	0.28	mg/Kg	☆	07/03/25 08:52	07/08/25 21:46	1
Cadmium	0.069	J	0.12	0.021	mg/Kg	☆	07/03/25 08:52	07/08/25 21:46	1
Chromium	20		0.60	0.29	mg/Kg	☆	07/03/25 08:52	07/08/25 21:46	1
Cobalt	16		0.30	0.078	mg/Kg	☆	07/03/25 08:52	07/08/25 21:46	1
Copper	29		0.60	0.17	mg/Kg	☆	07/03/25 08:52	07/08/25 21:46	1
Iron	19000	B	12	6.2	mg/Kg	☆	07/03/25 08:52	07/08/25 21:46	1
Lead	17		1.5	0.69	mg/Kg	☆	07/03/25 08:52	07/09/25 16:45	5
Magnesium	22000		6.0	3.0	mg/Kg	☆	07/03/25 08:52	07/08/25 21:46	1
Manganese	320		0.60	0.086	mg/Kg	☆	07/03/25 08:52	07/08/25 21:46	1
Nickel	41		0.60	0.17	mg/Kg	☆	07/03/25 08:52	07/08/25 21:46	1
Selenium	<0.60		0.60	0.35	mg/Kg	☆	07/03/25 08:52	07/08/25 21:46	1
Silver	<0.30		0.30	0.077	mg/Kg	☆	07/03/25 08:52	07/08/25 21:46	1
Thallium	0.91		0.60	0.30	mg/Kg	☆	07/03/25 08:52	07/08/25 21:46	1
Vanadium	22		0.30	0.070	mg/Kg	☆	07/03/25 08:52	07/08/25 21:46	1
Zinc	55		1.2	0.52	mg/Kg	☆	07/03/25 08:52	07/08/25 21:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0096	J B	0.010	0.0037	mg/L		07/08/25 15:05	07/09/25 20:31	1
Barium	0.62		0.010	0.0012	mg/L		07/08/25 15:05	07/09/25 20:31	1
Beryllium	0.00094	J	0.0040	0.00089	mg/L		07/08/25 15:05	07/09/25 20:31	1
Boron	0.12	J B	0.50	0.0056	mg/L		07/08/25 15:05	07/09/25 20:31	1
Cadmium	0.0015	J	0.0050	0.00043	mg/L		07/08/25 15:05	07/09/25 20:31	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B01 (15-19.5)

Lab Sample ID: 500-270891-8

Date Collected: 06/30/25 12:00

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 82.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.0063	J	0.010	0.0017	mg/L		07/08/25 15:05	07/09/25 20:31	1
Cobalt	0.062		0.0050	0.00078	mg/L		07/08/25 15:05	07/09/25 20:31	1
Copper	0.15		0.010	0.0018	mg/L		07/08/25 15:05	07/09/25 20:31	1
Iron	<0.40		0.40	0.082	mg/L		07/08/25 15:05	07/09/25 20:31	1
Lead	0.018	J	0.038	0.014	mg/L		07/08/25 15:05	07/10/25 21:04	5
Manganese	4.9		0.010	0.0023	mg/L		07/08/25 15:05	07/09/25 20:31	1
Nickel	0.12		0.010	0.0048	mg/L		07/08/25 15:05	07/09/25 20:31	1
Selenium	0.010	J	0.050	0.0053	mg/L		07/08/25 15:05	07/09/25 20:31	1
Silver	<0.0050		0.0050	0.0015	mg/L		07/08/25 15:05	07/09/25 20:31	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		07/08/25 15:05	07/09/25 20:31	1
Zinc	0.059	J	0.50	0.0050	mg/L		07/08/25 15:05	07/09/25 20:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.0075		0.0075	0.0027	mg/L		07/08/25 15:25	07/09/25 21:43	1
Manganese	0.031		0.010	0.0023	mg/L		07/08/25 15:25	07/09/25 21:43	1
Nickel	<0.010		0.010	0.0048	mg/L		07/08/25 15:25	07/09/25 21:43	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0060	mg/L		07/08/25 15:05	07/14/25 16:33	1
Thallium	<0.0020		0.0020	0.0020	mg/L		07/08/25 15:05	07/14/25 16:33	1

Method: SW846 7470A - Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/25 11:20	07/10/25 10:33	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.020		0.019	0.0079	mg/Kg	☼	07/10/25 15:15	07/11/25 11:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.27		0.27	0.14	mg/Kg	☼	07/06/25 12:53	07/07/25 11:27	1
pH (SW846 9045D)	7.4		0.2	0.2	SU			07/02/25 11:02	1

Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B04 (0-5)

Lab Sample ID: 500-270891-14

Date Collected: 06/30/25 13:30

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 95.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0066	mg/Kg	☆	07/01/25 19:06	07/02/25 18:41	1
Benzene	<0.0016		0.0016	0.00049	mg/Kg	☆	07/01/25 19:06	07/02/25 18:41	1
Bromodichloromethane	<0.0016		0.0016	0.00050	mg/Kg	☆	07/01/25 19:06	07/02/25 18:41	1
Bromoform	<0.0016		0.0016	0.00091	mg/Kg	☆	07/01/25 19:06	07/02/25 18:41	1
Bromomethane	<0.0039		0.0039	0.0019	mg/Kg	☆	07/01/25 19:06	07/02/25 18:41	1
2-Butanone (MEK)	<0.0039		0.0039	0.0017	mg/Kg	☆	07/01/25 19:06	07/02/25 18:41	1
Carbon disulfide	<0.0039		0.0039	0.00072	mg/Kg	☆	07/01/25 19:06	07/02/25 18:41	1
Carbon tetrachloride	<0.0016		0.0016	0.00053	mg/Kg	☆	07/01/25 19:06	07/02/25 18:41	1
Chlorobenzene	<0.0016		0.0016	0.00066	mg/Kg	☆	07/01/25 19:06	07/02/25 18:41	1
Chloroethane	<0.0039	*-	0.0039	0.0013	mg/Kg	☆	07/01/25 19:06	07/02/25 18:41	1
Chloroform	0.0013	J B	0.0016	0.0011	mg/Kg	☆	07/01/25 19:06	07/02/25 18:41	1
Chloromethane	<0.0039	*-	0.0039	0.00076	mg/Kg	☆	07/01/25 19:06	07/02/25 18:41	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00063	mg/Kg	☆	07/01/25 19:06	07/02/25 18:41	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00063	mg/Kg	☆	07/01/25 19:06	07/02/25 18:41	1
Dibromochloromethane	<0.0016		0.0016	0.00073	mg/Kg	☆	07/01/25 19:06	07/02/25 18:41	1
1,2-Dibromo-3-Chloropropane	<3.9		3.9	2.7	ug/Kg	☆	07/01/25 19:06	07/02/25 18:41	1
1,1-Dichloroethane	<0.0016		0.0016	0.00059	mg/Kg	☆	07/01/25 19:06	07/02/25 18:41	1
1,2-Dichloroethane	<0.0039		0.0039	0.0010	mg/Kg	☆	07/01/25 19:06	07/02/25 18:41	1
1,1-Dichloroethene	<0.0016		0.0016	0.00064	mg/Kg	☆	07/01/25 19:06	07/02/25 18:41	1
1,2-Dichloropropane	<0.0016		0.0016	0.00040	mg/Kg	☆	07/01/25 19:06	07/02/25 18:41	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00075	mg/Kg	☆	07/01/25 19:06	07/02/25 18:41	1
Ethylbenzene	<0.0016		0.0016	0.00082	mg/Kg	☆	07/01/25 19:06	07/02/25 18:41	1
2-Hexanone	<0.0039		0.0039	0.0024	mg/Kg	☆	07/01/25 19:06	07/02/25 18:41	1
Methylene Chloride	<0.0039		0.0039	0.0017	mg/Kg	☆	07/01/25 19:06	07/02/25 18:41	1
4-Methyl-2-pentanone (MIBK)	<0.0039		0.0039	0.0028	mg/Kg	☆	07/01/25 19:06	07/02/25 18:41	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00051	mg/Kg	☆	07/01/25 19:06	07/02/25 18:41	1
Styrene	<0.0016		0.0016	0.00071	mg/Kg	☆	07/01/25 19:06	07/02/25 18:41	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00078	mg/Kg	☆	07/01/25 19:06	07/02/25 18:41	1
Tetrachloroethene	<0.0016		0.0016	0.00088	mg/Kg	☆	07/01/25 19:06	07/02/25 18:41	1
Toluene	<0.0016		0.0016	0.00032	mg/Kg	☆	07/01/25 19:06	07/02/25 18:41	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00059	mg/Kg	☆	07/01/25 19:06	07/02/25 18:41	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00075	mg/Kg	☆	07/01/25 19:06	07/02/25 18:41	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00063	mg/Kg	☆	07/01/25 19:06	07/02/25 18:41	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00059	mg/Kg	☆	07/01/25 19:06	07/02/25 18:41	1
Trichloroethene	<0.0016		0.0016	0.00043	mg/Kg	☆	07/01/25 19:06	07/02/25 18:41	1
Vinyl acetate	<0.0039		0.0039	0.00094	mg/Kg	☆	07/01/25 19:06	07/02/25 18:41	1
Vinyl chloride	<0.0016	*-	0.0016	0.00064	mg/Kg	☆	07/01/25 19:06	07/02/25 18:41	1
Xylenes, Total	<0.0031		0.0031	0.00054	mg/Kg	☆	07/01/25 19:06	07/02/25 18:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		75 - 131	07/01/25 19:06	07/02/25 18:41	1
Dibromofluoromethane	103		75 - 126	07/01/25 19:06	07/02/25 18:41	1
1,2-Dichloroethane-d4 (Surr)	101		70 - 134	07/01/25 19:06	07/02/25 18:41	1
Toluene-d8 (Surr)	101		75 - 124	07/01/25 19:06	07/02/25 18:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.17		0.17	0.025	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1
1,2-Dichlorobenzene	<0.17		0.17	0.014	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1
1,3-Dichlorobenzene	<0.17		0.17	0.016	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B04 (0-5)

Lab Sample ID: 500-270891-14

Date Collected: 06/30/25 13:30

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 95.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	<0.17		0.17	0.016	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1
2,2'-oxybis[1-chloropropane]	<0.17		0.17	0.025	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1
2,4,5-Trichlorophenol	<0.34		0.34	0.013	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1
2,4,6-Trichlorophenol	<0.34		0.34	0.012	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1
2,4-Dichlorophenol	<0.34		0.34	0.012	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1
2,4-Dimethylphenol	<0.34		0.34	0.077	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1
2,4-Dinitrophenol	<0.69		0.69	0.20	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1
2,4-Dinitrotoluene	<0.17		0.17	0.020	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1
2,6-Dinitrotoluene	<0.17		0.17	0.024	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1
2-Chloronaphthalene	<0.17		0.17	0.013	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1
2-Chlorophenol	<0.17		0.17	0.011	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1
2-Methylnaphthalene	<0.069		0.069	0.0069	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1
2-Methylphenol	<0.17		0.17	0.018	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1
2-Nitroaniline	<0.17		0.17	0.018	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1
2-Nitrophenol	<0.34		0.34	0.023	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1
3 & 4 Methylphenol	<0.17		0.17	0.025	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1
3,3'-Dichlorobenzidine	<0.17		0.17	0.15	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1
3-Nitroaniline	<0.34		0.34	0.016	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1
4,6-Dinitro-2-methylphenol	<0.69		0.69	0.19	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1
4-Bromophenyl phenyl ether	<0.17		0.17	0.023	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1
4-Chloro-3-methylphenol	<0.34		0.34	0.029	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1
4-Chloroaniline	<0.69		0.69	0.36	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1
4-Chlorophenyl phenyl ether	<0.17		0.17	0.045	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1
4-Nitroaniline	<0.34		0.34	0.025	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1
4-Nitrophenol	<0.69		0.69	0.37	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1
Acenaphthene	<0.034		0.034	0.0070	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1
Acenaphthylene	<0.034		0.034	0.0058	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1
Anthracene	<0.034		0.034	0.0070	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1
Benzo[a]anthracene	<0.034		0.034	0.0073	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1
Benzo[a]pyrene	<0.034		0.034	0.033	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1
Benzo[b]fluoranthene	<0.034		0.034	0.033	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1
Benzo[g,h,i]perylene	<0.034		0.034	0.015	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1
Benzo[k]fluoranthene	<0.034		0.034	0.013	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1
Bis(2-chloroethoxy)methane	<0.17		0.17	0.013	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1
Bis(2-chloroethyl)ether	<0.17		0.17	0.016	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1
Bis(2-ethylhexyl) phthalate	<0.17		0.17	0.13	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1
Butyl benzyl phthalate	<0.17		0.17	0.017	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1
Carbazole	<0.17		0.17	0.014	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1
Chrysene	<0.034		0.034	0.0090	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1
Dibenz(a,h)anthracene	<0.034		0.034	0.034	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1
Dibenzofuran	<0.17		0.17	0.012	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1
Diethyl phthalate	<0.17		0.17	0.016	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1
Dimethyl phthalate	<0.17		0.17	0.0075	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1
Di-n-butyl phthalate	<0.17		0.17	0.011	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1
Di-n-octyl phthalate	<0.34		0.34	0.24	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1
Fluoranthene	<0.034		0.034	0.0080	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1
Fluorene	<0.034		0.034	0.010	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1
Hexachlorobenzene	<0.069		0.069	0.0066	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1
Hexachlorobutadiene	<0.17		0.17	0.019	mg/Kg	☆	07/03/25 07:15	07/03/25 15:54	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B04 (0-5)

Lab Sample ID: 500-270891-14

Date Collected: 06/30/25 13:30

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 95.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	<0.69		0.69	0.36	mg/Kg	✱	07/03/25 07:15	07/03/25 15:54	1
Hexachloroethane	<0.17		0.17	0.017	mg/Kg	✱	07/03/25 07:15	07/03/25 15:54	1
Indeno[1,2,3-cd]pyrene	<0.034		0.034	0.033	mg/Kg	✱	07/03/25 07:15	07/03/25 15:54	1
Isophorone	<0.17		0.17	0.018	mg/Kg	✱	07/03/25 07:15	07/03/25 15:54	1
Naphthalene	<0.034		0.034	0.0062	mg/Kg	✱	07/03/25 07:15	07/03/25 15:54	1
Nitrobenzene	<0.034		0.034	0.011	mg/Kg	✱	07/03/25 07:15	07/03/25 15:54	1
N-Nitrosodi-n-propylamine	<0.069		0.069	0.020	mg/Kg	✱	07/03/25 07:15	07/03/25 15:54	1
N-Nitrosodiphenylamine	<0.17		0.17	0.068	mg/Kg	✱	07/03/25 07:15	07/03/25 15:54	1
Pentachlorophenol	<0.69		0.69	0.38	mg/Kg	✱	07/03/25 07:15	07/03/25 15:54	1
Phenanthrene	<0.034		0.034	0.0075	mg/Kg	✱	07/03/25 07:15	07/03/25 15:54	1
Phenol	<0.17		0.17	0.015	mg/Kg	✱	07/03/25 07:15	07/03/25 15:54	1
Pyrene	<0.034		0.034	0.0094	mg/Kg	✱	07/03/25 07:15	07/03/25 15:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	61		31 - 166	07/03/25 07:15	07/03/25 15:54	1
Phenol-d5 (Surr)	60		30 - 153	07/03/25 07:15	07/03/25 15:54	1
Nitrobenzene-d5 (Surr)	65		37 - 147	07/03/25 07:15	07/03/25 15:54	1
2-Fluorobiphenyl (Surr)	62		43 - 145	07/03/25 07:15	07/03/25 15:54	1
2,4,6-Tribromophenol (Surr)	62		31 - 143	07/03/25 07:15	07/03/25 15:54	1
Terphenyl-d14 (Surr)	73		42 - 157	07/03/25 07:15	07/03/25 15:54	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.0		1.0	0.20	mg/Kg	✱	07/03/25 08:52	07/08/25 22:21	1
Arsenic	0.97		0.51	0.17	mg/Kg	✱	07/03/25 08:52	07/08/25 22:21	1
Barium	2.3	J B	2.5	0.29	mg/Kg	✱	07/03/25 08:52	07/09/25 17:16	5
Beryllium	0.089	J	0.20	0.048	mg/Kg	✱	07/03/25 08:52	07/08/25 22:21	1
Boron	22	B	2.5	0.24	mg/Kg	✱	07/03/25 08:52	07/08/25 22:21	1
Cadmium	<0.10		0.10	0.018	mg/Kg	✱	07/03/25 08:52	07/08/25 22:21	1
Chromium	3.3		0.51	0.25	mg/Kg	✱	07/03/25 08:52	07/08/25 22:21	1
Cobalt	1.6		0.25	0.067	mg/Kg	✱	07/03/25 08:52	07/08/25 22:21	1
Copper	1.2		0.51	0.14	mg/Kg	✱	07/03/25 08:52	07/08/25 22:21	1
Iron	2500	B	51	27	mg/Kg	✱	07/03/25 08:52	07/09/25 17:16	5
Lead	2.2	J	2.5	1.2	mg/Kg	✱	07/03/25 08:52	07/09/25 17:21	10
Magnesium	120000		25	13	mg/Kg	✱	07/03/25 08:52	07/09/25 17:16	5
Manganese	120		0.51	0.074	mg/Kg	✱	07/03/25 08:52	07/08/25 22:21	1
Nickel	3.3		0.51	0.15	mg/Kg	✱	07/03/25 08:52	07/08/25 22:21	1
Selenium	<0.51		0.51	0.30	mg/Kg	✱	07/03/25 08:52	07/08/25 22:21	1
Silver	<0.25		0.25	0.066	mg/Kg	✱	07/03/25 08:52	07/08/25 22:21	1
Thallium	0.37	J	0.51	0.25	mg/Kg	✱	07/03/25 08:52	07/08/25 22:21	1
Vanadium	3.9		0.25	0.060	mg/Kg	✱	07/03/25 08:52	07/08/25 22:21	1
Zinc	4.2		1.0	0.45	mg/Kg	✱	07/03/25 08:52	07/08/25 22:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0046	J B	0.010	0.0037	mg/L		07/08/25 15:05	07/09/25 19:49	1
Barium	0.030	B	0.010	0.0012	mg/L		07/08/25 15:05	07/09/25 19:49	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		07/08/25 15:05	07/09/25 19:49	1
Boron	<2.5		2.5	0.028	mg/L		07/08/25 15:05	07/10/25 16:21	5
Cadmium	0.00061	J B	0.0050	0.00043	mg/L		07/08/25 15:05	07/09/25 19:49	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B04 (0-5)

Lab Sample ID: 500-270891-14

Date Collected: 06/30/25 13:30

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 95.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.010		0.010	0.0017	mg/L		07/08/25 15:05	07/09/25 19:49	1
Cobalt	0.023	B	0.0050	0.00078	mg/L		07/08/25 15:05	07/09/25 19:49	1
Copper	<0.010		0.010	0.0018	mg/L		07/08/25 15:05	07/09/25 19:49	1
Iron	<0.40		0.40	0.082	mg/L		07/08/25 15:05	07/09/25 19:49	1
Lead	0.0064	J	0.0075	0.0027	mg/L		07/08/25 15:05	07/09/25 19:49	1
Manganese	0.57		0.010	0.0023	mg/L		07/08/25 15:05	07/09/25 19:49	1
Nickel	0.022		0.010	0.0048	mg/L		07/08/25 15:05	07/09/25 19:49	1
Selenium	<0.050		0.050	0.0053	mg/L		07/08/25 15:05	07/09/25 19:49	1
Silver	<0.0050		0.0050	0.0015	mg/L		07/08/25 15:05	07/09/25 19:49	1
Vanadium	0.0012	J	0.0050	0.00092	mg/L		07/08/25 15:05	07/09/25 19:49	1
Zinc	0.019	J	0.50	0.0050	mg/L		07/08/25 15:05	07/09/25 19:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	<0.010		0.010	0.0023	mg/L		07/08/25 15:25	07/09/25 22:19	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0060	mg/L		07/08/25 15:05	07/14/25 16:04	1
Thallium	<0.0020		0.0020	0.0020	mg/L		07/08/25 15:05	07/14/25 16:04	1

Method: SW846 7470A - Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/25 11:20	07/10/25 09:53	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.016		0.016	0.0068	mg/Kg	☼	07/10/25 15:15	07/11/25 11:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.24		0.24	0.12	mg/Kg	☼	07/06/25 12:53	07/07/25 11:33	1
pH (SW846 9045D)	7.7		0.2	0.2	SU			07/02/25 11:22	1

Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B04 (5-10)

Lab Sample ID: 500-270891-15

Date Collected: 06/30/25 13:35

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 81.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.022		0.022	0.0091	mg/Kg	☆	07/01/25 19:06	07/02/25 19:06	1
Benzene	<0.0022		0.0022	0.00068	mg/Kg	☆	07/01/25 19:06	07/02/25 19:06	1
Bromodichloromethane	<0.0022		0.0022	0.00069	mg/Kg	☆	07/01/25 19:06	07/02/25 19:06	1
Bromoform	<0.0022		0.0022	0.0013	mg/Kg	☆	07/01/25 19:06	07/02/25 19:06	1
Bromomethane	<0.0054		0.0054	0.0027	mg/Kg	☆	07/01/25 19:06	07/02/25 19:06	1
2-Butanone (MEK)	<0.0054		0.0054	0.0024	mg/Kg	☆	07/01/25 19:06	07/02/25 19:06	1
Carbon disulfide	<0.0054		0.0054	0.00099	mg/Kg	☆	07/01/25 19:06	07/02/25 19:06	1
Carbon tetrachloride	<0.0022		0.0022	0.00073	mg/Kg	☆	07/01/25 19:06	07/02/25 19:06	1
Chlorobenzene	<0.0022		0.0022	0.00091	mg/Kg	☆	07/01/25 19:06	07/02/25 19:06	1
Chloroethane	<0.0054	*-	0.0054	0.0018	mg/Kg	☆	07/01/25 19:06	07/02/25 19:06	1
Chloroform	0.0016	J B	0.0022	0.0015	mg/Kg	☆	07/01/25 19:06	07/02/25 19:06	1
Chloromethane	<0.0054	*-	0.0054	0.0010	mg/Kg	☆	07/01/25 19:06	07/02/25 19:06	1
cis-1,2-Dichloroethene	<0.0022		0.0022	0.00087	mg/Kg	☆	07/01/25 19:06	07/02/25 19:06	1
cis-1,3-Dichloropropene	<0.0022		0.0022	0.00086	mg/Kg	☆	07/01/25 19:06	07/02/25 19:06	1
Dibromochloromethane	<0.0022		0.0022	0.0010	mg/Kg	☆	07/01/25 19:06	07/02/25 19:06	1
1,2-Dibromo-3-Chloropropane	<5.4		5.4	3.8	ug/Kg	☆	07/01/25 19:06	07/02/25 19:06	1
1,1-Dichloroethane	<0.0022		0.0022	0.00081	mg/Kg	☆	07/01/25 19:06	07/02/25 19:06	1
1,2-Dichloroethane	<0.0054		0.0054	0.0014	mg/Kg	☆	07/01/25 19:06	07/02/25 19:06	1
1,1-Dichloroethene	<0.0022		0.0022	0.00089	mg/Kg	☆	07/01/25 19:06	07/02/25 19:06	1
1,2-Dichloropropane	<0.0022		0.0022	0.00056	mg/Kg	☆	07/01/25 19:06	07/02/25 19:06	1
1,3-Dichloropropene, Total	<0.0022		0.0022	0.0010	mg/Kg	☆	07/01/25 19:06	07/02/25 19:06	1
Ethylbenzene	<0.0022		0.0022	0.0011	mg/Kg	☆	07/01/25 19:06	07/02/25 19:06	1
2-Hexanone	<0.0054		0.0054	0.0033	mg/Kg	☆	07/01/25 19:06	07/02/25 19:06	1
Methylene Chloride	<0.0054		0.0054	0.0023	mg/Kg	☆	07/01/25 19:06	07/02/25 19:06	1
4-Methyl-2-pentanone (MIBK)	<0.0054		0.0054	0.0038	mg/Kg	☆	07/01/25 19:06	07/02/25 19:06	1
Methyl tert-butyl ether	<0.0022		0.0022	0.00070	mg/Kg	☆	07/01/25 19:06	07/02/25 19:06	1
Styrene	<0.0022		0.0022	0.00097	mg/Kg	☆	07/01/25 19:06	07/02/25 19:06	1
1,1,2,2-Tetrachloroethane	<0.0022		0.0022	0.0011	mg/Kg	☆	07/01/25 19:06	07/02/25 19:06	1
Tetrachloroethene	<0.0022		0.0022	0.0012	mg/Kg	☆	07/01/25 19:06	07/02/25 19:06	1
Toluene	<0.0022		0.0022	0.00043	mg/Kg	☆	07/01/25 19:06	07/02/25 19:06	1
trans-1,2-Dichloroethene	<0.0022		0.0022	0.00082	mg/Kg	☆	07/01/25 19:06	07/02/25 19:06	1
trans-1,3-Dichloropropene	<0.0022		0.0022	0.0010	mg/Kg	☆	07/01/25 19:06	07/02/25 19:06	1
1,1,1-Trichloroethane	<0.0022		0.0022	0.00087	mg/Kg	☆	07/01/25 19:06	07/02/25 19:06	1
1,1,2-Trichloroethane	<0.0022		0.0022	0.00081	mg/Kg	☆	07/01/25 19:06	07/02/25 19:06	1
Trichloroethene	<0.0022		0.0022	0.00059	mg/Kg	☆	07/01/25 19:06	07/02/25 19:06	1
Vinyl acetate	<0.0054		0.0054	0.0013	mg/Kg	☆	07/01/25 19:06	07/02/25 19:06	1
Vinyl chloride	<0.0022	*-	0.0022	0.00088	mg/Kg	☆	07/01/25 19:06	07/02/25 19:06	1
Xylenes, Total	<0.0043		0.0043	0.00074	mg/Kg	☆	07/01/25 19:06	07/02/25 19:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		75 - 131	07/01/25 19:06	07/02/25 19:06	1
Dibromofluoromethane	104		75 - 126	07/01/25 19:06	07/02/25 19:06	1
1,2-Dichloroethane-d4 (Surr)	105		70 - 134	07/01/25 19:06	07/02/25 19:06	1
Toluene-d8 (Surr)	100		75 - 124	07/01/25 19:06	07/02/25 19:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.029	mg/Kg	☆	07/03/25 07:15	07/03/25 21:57	1
1,2-Dichlorobenzene	<0.20		0.20	0.016	mg/Kg	☆	07/03/25 07:15	07/03/25 21:57	1
1,3-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☆	07/03/25 07:15	07/03/25 21:57	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B04 (5-10)

Lab Sample ID: 500-270891-15

Date Collected: 06/30/25 13:35

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 81.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	<0.20		0.20	0.019	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.029	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
2,4,5-Trichlorophenol	<0.40		0.40	0.015	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
2,4,6-Trichlorophenol	<0.40		0.40	0.014	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
2,4-Dichlorophenol	<0.40		0.40	0.014	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
2,4-Dimethylphenol	<0.40		0.40	0.089	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
2,4-Dinitrophenol	<0.81		0.81	0.23	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
2,4-Dinitrotoluene	<0.20		0.20	0.023	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
2,6-Dinitrotoluene	<0.20		0.20	0.028	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
2-Chloronaphthalene	<0.20		0.20	0.015	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
2-Chlorophenol	<0.20		0.20	0.013	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
2-Methylnaphthalene	0.032	J	0.081	0.0080	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
2-Methylphenol	<0.20		0.20	0.021	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
2-Nitroaniline	<0.20		0.20	0.021	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
2-Nitrophenol	<0.40		0.40	0.027	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
3 & 4 Methylphenol	<0.20		0.20	0.029	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.17	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
3-Nitroaniline	<0.40		0.40	0.018	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
4,6-Dinitro-2-methylphenol	<0.81		0.81	0.23	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.027	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
4-Chloro-3-methylphenol	<0.40		0.40	0.033	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
4-Chloroaniline	<0.81		0.81	0.42	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
4-Nitroaniline	<0.40		0.40	0.029	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
4-Nitrophenol	<0.81		0.81	0.43	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
Acenaphthene	<0.040		0.040	0.0081	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
Acenaphthylene	<0.040		0.040	0.0068	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
Anthracene	0.015	J	0.040	0.0082	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
Benzo[a]anthracene	0.026	J	0.040	0.0085	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
Benzo[a]pyrene	<0.040		0.040	0.039	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
Benzo[b]fluoranthene	<0.040		0.040	0.038	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
Benzo[g,h,i]perylene	0.023	J	0.040	0.018	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
Benzo[k]fluoranthene	<0.040		0.040	0.015	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.018	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.16	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
Butyl benzyl phthalate	<0.20		0.20	0.020	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
Carbazole	<0.20		0.20	0.016	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
Chrysene	0.042		0.040	0.011	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
Dibenz(a,h)anthracene	<0.040		0.040	0.040	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
Dibenzofuran	<0.20		0.20	0.014	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
Diethyl phthalate	<0.20		0.20	0.018	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
Dimethyl phthalate	<0.20		0.20	0.0087	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
Di-n-butyl phthalate	<0.20		0.20	0.013	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
Di-n-octyl phthalate	<0.40		0.40	0.28	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
Fluoranthene	0.028	J	0.040	0.0093	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
Fluorene	<0.040		0.040	0.012	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
Hexachlorobenzene	<0.081		0.081	0.0077	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
Hexachlorobutadiene	<0.20		0.20	0.023	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B04 (5-10)

Lab Sample ID: 500-270891-15

Date Collected: 06/30/25 13:35

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 81.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	<0.81		0.81	0.42	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
Hexachloroethane	<0.20		0.20	0.020	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
Indeno[1,2,3-cd]pyrene	<0.040		0.040	0.039	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
Isophorone	<0.20		0.20	0.021	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
Naphthalene	<0.040		0.040	0.0072	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
Nitrobenzene	<0.040		0.040	0.013	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
N-Nitrosodi-n-propylamine	<0.081		0.081	0.023	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
N-Nitrosodiphenylamine	<0.20		0.20	0.079	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
Pentachlorophenol	<0.81		0.81	0.45	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
Phenanthrene	0.085		0.040	0.0087	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
Phenol	<0.20		0.20	0.017	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1
Pyrene	0.038	J	0.040	0.011	mg/Kg	✱	07/03/25 07:15	07/03/25 21:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	68		31 - 166	07/03/25 07:15	07/03/25 21:57	1
Phenol-d5 (Surr)	70		30 - 153	07/03/25 07:15	07/03/25 21:57	1
Nitrobenzene-d5 (Surr)	77		37 - 147	07/03/25 07:15	07/03/25 21:57	1
2-Fluorobiphenyl (Surr)	81		43 - 145	07/03/25 07:15	07/03/25 21:57	1
2,4,6-Tribromophenol (Surr)	46		31 - 143	07/03/25 07:15	07/03/25 21:57	1
Terphenyl-d14 (Surr)	91		42 - 157	07/03/25 07:15	07/03/25 21:57	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.1		1.1	0.22	mg/Kg	✱	07/03/25 08:52	07/08/25 22:26	1
Arsenic	4.5		0.56	0.19	mg/Kg	✱	07/03/25 08:52	07/08/25 22:26	1
Barium	21	B	0.56	0.063	mg/Kg	✱	07/03/25 08:52	07/08/25 22:26	1
Beryllium	0.28		0.22	0.052	mg/Kg	✱	07/03/25 08:52	07/08/25 22:26	1
Boron	11	B	2.8	0.26	mg/Kg	✱	07/03/25 08:52	07/08/25 22:26	1
Cadmium	0.13		0.11	0.020	mg/Kg	✱	07/03/25 08:52	07/08/25 22:26	1
Chromium	12		0.56	0.28	mg/Kg	✱	07/03/25 08:52	07/08/25 22:26	1
Cobalt	6.3		0.28	0.073	mg/Kg	✱	07/03/25 08:52	07/08/25 22:26	1
Copper	14		0.56	0.16	mg/Kg	✱	07/03/25 08:52	07/08/25 22:26	1
Iron	10000	B	11	5.8	mg/Kg	✱	07/03/25 08:52	07/08/25 22:26	1
Lead	32		1.4	0.64	mg/Kg	✱	07/03/25 08:52	07/09/25 17:25	5
Magnesium	23000		5.6	2.8	mg/Kg	✱	07/03/25 08:52	07/08/25 22:26	1
Manganese	240		0.56	0.081	mg/Kg	✱	07/03/25 08:52	07/08/25 22:26	1
Nickel	17		0.56	0.16	mg/Kg	✱	07/03/25 08:52	07/08/25 22:26	1
Selenium	0.51	J	0.56	0.33	mg/Kg	✱	07/03/25 08:52	07/08/25 22:26	1
Silver	<0.28		0.28	0.072	mg/Kg	✱	07/03/25 08:52	07/08/25 22:26	1
Thallium	0.61		0.56	0.28	mg/Kg	✱	07/03/25 08:52	07/08/25 22:26	1
Vanadium	14		0.28	0.066	mg/Kg	✱	07/03/25 08:52	07/08/25 22:26	1
Zinc	53		1.1	0.49	mg/Kg	✱	07/03/25 08:52	07/08/25 22:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0073	J B	0.010	0.0037	mg/L		07/08/25 15:05	07/09/25 19:53	1
Barium	0.29	B	0.010	0.0012	mg/L		07/08/25 15:05	07/09/25 19:53	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		07/08/25 15:05	07/09/25 19:53	1
Boron	<2.5		2.5	0.028	mg/L		07/08/25 15:05	07/10/25 16:26	5
Cadmium	0.0059	B	0.0050	0.00043	mg/L		07/08/25 15:05	07/09/25 19:53	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B04 (5-10)

Lab Sample ID: 500-270891-15

Date Collected: 06/30/25 13:35

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 81.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.0019	J B	0.010	0.0017	mg/L		07/08/25 15:05	07/09/25 19:53	1
Cobalt	0.034	B	0.0050	0.00078	mg/L		07/08/25 15:05	07/09/25 19:53	1
Copper	0.0049	J B	0.010	0.0018	mg/L		07/08/25 15:05	07/09/25 19:53	1
Iron	0.094	J	0.40	0.082	mg/L		07/08/25 15:05	07/09/25 19:53	1
Lead	0.024		0.0075	0.0027	mg/L		07/08/25 15:05	07/09/25 19:53	1
Manganese	1.5		0.010	0.0023	mg/L		07/08/25 15:05	07/09/25 19:53	1
Nickel	0.073		0.010	0.0048	mg/L		07/08/25 15:05	07/09/25 19:53	1
Selenium	<0.050		0.050	0.0053	mg/L		07/08/25 15:05	07/09/25 19:53	1
Silver	<0.0050		0.0050	0.0015	mg/L		07/08/25 15:05	07/09/25 19:53	1
Vanadium	0.0029	J	0.0050	0.00092	mg/L		07/08/25 15:05	07/09/25 19:53	1
Zinc	0.16	J	0.50	0.0050	mg/L		07/08/25 15:05	07/09/25 19:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	<0.0020		0.0020	0.00043	mg/L		07/08/25 15:25	07/09/25 22:23	1
Lead	0.086		0.0075	0.0027	mg/L		07/08/25 15:25	07/09/25 22:23	1
Manganese	0.12		0.010	0.0023	mg/L		07/08/25 15:25	07/09/25 22:23	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0060	mg/L		07/08/25 15:05	07/14/25 16:08	1
Thallium	<0.0020		0.0020	0.0020	mg/L		07/08/25 15:05	07/14/25 16:08	1

Method: SW846 7470A - Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/25 11:20	07/10/25 09:55	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.11		0.018	0.0074	mg/Kg	☼	07/10/25 15:15	07/11/25 11:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.27		0.27	0.13	mg/Kg	☼	07/06/25 12:53	07/07/25 11:36	1
pH (SW846 9045D)	7.6		0.2	0.2	SU			07/02/25 11:24	1

Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B04 (10-15)

Lab Sample ID: 500-270891-16

Date Collected: 06/30/25 13:40

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 81.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.014		0.014	0.0060	mg/Kg	☆	07/01/25 19:06	07/02/25 19:31	1
Benzene	<0.0014		0.0014	0.00045	mg/Kg	☆	07/01/25 19:06	07/02/25 19:31	1
Bromodichloromethane	<0.0014		0.0014	0.00046	mg/Kg	☆	07/01/25 19:06	07/02/25 19:31	1
Bromoform	<0.0014		0.0014	0.00083	mg/Kg	☆	07/01/25 19:06	07/02/25 19:31	1
Bromomethane	<0.0036		0.0036	0.0018	mg/Kg	☆	07/01/25 19:06	07/02/25 19:31	1
2-Butanone (MEK)	<0.0036		0.0036	0.0016	mg/Kg	☆	07/01/25 19:06	07/02/25 19:31	1
Carbon disulfide	<0.0036		0.0036	0.00065	mg/Kg	☆	07/01/25 19:06	07/02/25 19:31	1
Carbon tetrachloride	<0.0014		0.0014	0.00048	mg/Kg	☆	07/01/25 19:06	07/02/25 19:31	1
Chlorobenzene	<0.0014		0.0014	0.00060	mg/Kg	☆	07/01/25 19:06	07/02/25 19:31	1
Chloroethane	<0.0036	*-	0.0036	0.0012	mg/Kg	☆	07/01/25 19:06	07/02/25 19:31	1
Chloroform	0.0011	J B	0.0014	0.0010	mg/Kg	☆	07/01/25 19:06	07/02/25 19:31	1
Chloromethane	<0.0036	*-	0.0036	0.00069	mg/Kg	☆	07/01/25 19:06	07/02/25 19:31	1
cis-1,2-Dichloroethene	<0.0014		0.0014	0.00057	mg/Kg	☆	07/01/25 19:06	07/02/25 19:31	1
cis-1,3-Dichloropropene	<0.0014		0.0014	0.00057	mg/Kg	☆	07/01/25 19:06	07/02/25 19:31	1
Dibromochloromethane	<0.0014		0.0014	0.00066	mg/Kg	☆	07/01/25 19:06	07/02/25 19:31	1
1,2-Dibromo-3-Chloropropane	<3.6		3.6	2.5	ug/Kg	☆	07/01/25 19:06	07/02/25 19:31	1
1,1-Dichloroethane	<0.0014		0.0014	0.00054	mg/Kg	☆	07/01/25 19:06	07/02/25 19:31	1
1,2-Dichloroethane	<0.0036		0.0036	0.00092	mg/Kg	☆	07/01/25 19:06	07/02/25 19:31	1
1,1-Dichloroethene	<0.0014		0.0014	0.00058	mg/Kg	☆	07/01/25 19:06	07/02/25 19:31	1
1,2-Dichloropropane	<0.0014		0.0014	0.00037	mg/Kg	☆	07/01/25 19:06	07/02/25 19:31	1
1,3-Dichloropropene, Total	<0.0014		0.0014	0.00068	mg/Kg	☆	07/01/25 19:06	07/02/25 19:31	1
Ethylbenzene	<0.0014		0.0014	0.00075	mg/Kg	☆	07/01/25 19:06	07/02/25 19:31	1
2-Hexanone	<0.0036		0.0036	0.0022	mg/Kg	☆	07/01/25 19:06	07/02/25 19:31	1
Methylene Chloride	<0.0036		0.0036	0.0015	mg/Kg	☆	07/01/25 19:06	07/02/25 19:31	1
4-Methyl-2-pentanone (MIBK)	<0.0036		0.0036	0.0025	mg/Kg	☆	07/01/25 19:06	07/02/25 19:31	1
Methyl tert-butyl ether	<0.0014		0.0014	0.00046	mg/Kg	☆	07/01/25 19:06	07/02/25 19:31	1
Styrene	<0.0014		0.0014	0.00064	mg/Kg	☆	07/01/25 19:06	07/02/25 19:31	1
1,1,2,2-Tetrachloroethane	<0.0014		0.0014	0.00071	mg/Kg	☆	07/01/25 19:06	07/02/25 19:31	1
Tetrachloroethene	<0.0014		0.0014	0.00080	mg/Kg	☆	07/01/25 19:06	07/02/25 19:31	1
Toluene	<0.0014		0.0014	0.00029	mg/Kg	☆	07/01/25 19:06	07/02/25 19:31	1
trans-1,2-Dichloroethene	<0.0014		0.0014	0.00054	mg/Kg	☆	07/01/25 19:06	07/02/25 19:31	1
trans-1,3-Dichloropropene	<0.0014		0.0014	0.00068	mg/Kg	☆	07/01/25 19:06	07/02/25 19:31	1
1,1,1-Trichloroethane	<0.0014		0.0014	0.00058	mg/Kg	☆	07/01/25 19:06	07/02/25 19:31	1
1,1,2-Trichloroethane	<0.0014		0.0014	0.00053	mg/Kg	☆	07/01/25 19:06	07/02/25 19:31	1
Trichloroethene	<0.0014		0.0014	0.00039	mg/Kg	☆	07/01/25 19:06	07/02/25 19:31	1
Vinyl acetate	<0.0036		0.0036	0.00085	mg/Kg	☆	07/01/25 19:06	07/02/25 19:31	1
Vinyl chloride	<0.0014	*-	0.0014	0.00058	mg/Kg	☆	07/01/25 19:06	07/02/25 19:31	1
Xylenes, Total	<0.0028		0.0028	0.00049	mg/Kg	☆	07/01/25 19:06	07/02/25 19:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		75 - 131	07/01/25 19:06	07/02/25 19:31	1
Dibromofluoromethane	105		75 - 126	07/01/25 19:06	07/02/25 19:31	1
1,2-Dichloroethane-d4 (Surr)	101		70 - 134	07/01/25 19:06	07/02/25 19:31	1
Toluene-d8 (Surr)	105		75 - 124	07/01/25 19:06	07/02/25 19:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.029	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1
1,2-Dichlorobenzene	<0.20		0.20	0.016	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1
1,3-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B04 (10-15)

Lab Sample ID: 500-270891-16

Date Collected: 06/30/25 13:40

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 81.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	<0.20		0.20	0.019	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.029	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1
2,4,5-Trichlorophenol	<0.40		0.40	0.015	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1
2,4,6-Trichlorophenol	<0.40		0.40	0.014	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1
2,4-Dichlorophenol	<0.40		0.40	0.014	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1
2,4-Dimethylphenol	<0.40		0.40	0.090	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1
2,4-Dinitrophenol	<0.81		0.81	0.23	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1
2,4-Dinitrotoluene	<0.20		0.20	0.023	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1
2,6-Dinitrotoluene	<0.20		0.20	0.028	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1
2-Chloronaphthalene	<0.20		0.20	0.015	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1
2-Chlorophenol	<0.20		0.20	0.013	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1
2-Methylnaphthalene	0.024	J	0.081	0.0081	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1
2-Methylphenol	<0.20		0.20	0.021	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1
2-Nitroaniline	<0.20		0.20	0.022	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1
2-Nitrophenol	<0.40		0.40	0.027	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1
3 & 4 Methylphenol	<0.20		0.20	0.030	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.18	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1
3-Nitroaniline	<0.40		0.40	0.018	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1
4,6-Dinitro-2-methylphenol	<0.81		0.81	0.23	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.028	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1
4-Chloro-3-methylphenol	<0.40		0.40	0.034	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1
4-Chloroaniline	<0.81		0.81	0.42	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.053	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1
4-Nitroaniline	<0.40		0.40	0.030	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1
4-Nitrophenol	<0.81		0.81	0.44	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1
Acenaphthene	<0.040		0.040	0.0082	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1
Acenaphthylene	<0.040		0.040	0.0068	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1
Anthracene	<0.040		0.040	0.0082	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1
Benzo[a]anthracene	<0.040		0.040	0.0086	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1
Benzo[a]pyrene	<0.040		0.040	0.039	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1
Benzo[b]fluoranthene	<0.040		0.040	0.038	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1
Benzo[g,h,i]perylene	<0.040		0.040	0.018	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1
Benzo[k]fluoranthene	<0.040		0.040	0.015	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.019	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.16	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1
Butyl benzyl phthalate	<0.20		0.20	0.020	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1
Carbazole	<0.20		0.20	0.016	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1
Chrysene	<0.040		0.040	0.011	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1
Dibenz(a,h)anthracene	<0.040		0.040	0.040	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1
Dibenzofuran	<0.20		0.20	0.014	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1
Diethyl phthalate	<0.20		0.20	0.018	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1
Dimethyl phthalate	<0.20		0.20	0.0088	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1
Di-n-butyl phthalate	<0.20		0.20	0.013	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1
Di-n-octyl phthalate	<0.40		0.40	0.28	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1
Fluoranthene	<0.040		0.040	0.0094	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1
Fluorene	<0.040		0.040	0.012	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1
Hexachlorobenzene	<0.081		0.081	0.0077	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1
Hexachlorobutadiene	<0.20		0.20	0.023	mg/Kg	☆	07/03/25 07:15	07/03/25 17:31	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B04 (10-15)

Lab Sample ID: 500-270891-16

Date Collected: 06/30/25 13:40

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 81.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	<0.81		0.81	0.43	mg/Kg	✱	07/03/25 07:15	07/03/25 17:31	1
Hexachloroethane	<0.20		0.20	0.020	mg/Kg	✱	07/03/25 07:15	07/03/25 17:31	1
Indeno[1,2,3-cd]pyrene	<0.040		0.040	0.039	mg/Kg	✱	07/03/25 07:15	07/03/25 17:31	1
Isophorone	<0.20		0.20	0.021	mg/Kg	✱	07/03/25 07:15	07/03/25 17:31	1
Naphthalene	<0.040		0.040	0.0073	mg/Kg	✱	07/03/25 07:15	07/03/25 17:31	1
Nitrobenzene	<0.040		0.040	0.013	mg/Kg	✱	07/03/25 07:15	07/03/25 17:31	1
N-Nitrosodi-n-propylamine	<0.081		0.081	0.023	mg/Kg	✱	07/03/25 07:15	07/03/25 17:31	1
N-Nitrosodiphenylamine	<0.20		0.20	0.080	mg/Kg	✱	07/03/25 07:15	07/03/25 17:31	1
Pentachlorophenol	<0.81		0.81	0.45	mg/Kg	✱	07/03/25 07:15	07/03/25 17:31	1
Phenanthrene	0.057		0.040	0.0088	mg/Kg	✱	07/03/25 07:15	07/03/25 17:31	1
Phenol	<0.20		0.20	0.017	mg/Kg	✱	07/03/25 07:15	07/03/25 17:31	1
Pyrene	0.012	J	0.040	0.011	mg/Kg	✱	07/03/25 07:15	07/03/25 17:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	64		31 - 166	07/03/25 07:15	07/03/25 17:31	1
Phenol-d5 (Surr)	67		30 - 153	07/03/25 07:15	07/03/25 17:31	1
Nitrobenzene-d5 (Surr)	69		37 - 147	07/03/25 07:15	07/03/25 17:31	1
2-Fluorobiphenyl (Surr)	73		43 - 145	07/03/25 07:15	07/03/25 17:31	1
2,4,6-Tribromophenol (Surr)	54		31 - 143	07/03/25 07:15	07/03/25 17:31	1
Terphenyl-d14 (Surr)	85		42 - 157	07/03/25 07:15	07/03/25 17:31	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.2		1.2	0.24	mg/Kg	✱	07/03/25 08:52	07/08/25 22:30	1
Arsenic	6.9		0.61	0.21	mg/Kg	✱	07/03/25 08:52	07/08/25 22:30	1
Barium	45	B	0.61	0.069	mg/Kg	✱	07/03/25 08:52	07/08/25 22:30	1
Beryllium	0.61		0.24	0.057	mg/Kg	✱	07/03/25 08:52	07/08/25 22:30	1
Boron	23	B	3.0	0.28	mg/Kg	✱	07/03/25 08:52	07/08/25 22:30	1
Cadmium	0.090	J	0.12	0.022	mg/Kg	✱	07/03/25 08:52	07/08/25 22:30	1
Chromium	22		0.61	0.30	mg/Kg	✱	07/03/25 08:52	07/08/25 22:30	1
Cobalt	16		0.30	0.079	mg/Kg	✱	07/03/25 08:52	07/08/25 22:30	1
Copper	26		0.61	0.17	mg/Kg	✱	07/03/25 08:52	07/08/25 22:30	1
Iron	21000	B	12	6.3	mg/Kg	✱	07/03/25 08:52	07/08/25 22:30	1
Lead	17		1.5	0.70	mg/Kg	✱	07/03/25 08:52	07/09/25 17:29	5
Magnesium	22000		6.1	3.0	mg/Kg	✱	07/03/25 08:52	07/08/25 22:30	1
Manganese	310		0.61	0.088	mg/Kg	✱	07/03/25 08:52	07/08/25 22:30	1
Nickel	41		0.61	0.18	mg/Kg	✱	07/03/25 08:52	07/08/25 22:30	1
Selenium	<0.61		0.61	0.36	mg/Kg	✱	07/03/25 08:52	07/08/25 22:30	1
Silver	<0.30		0.30	0.078	mg/Kg	✱	07/03/25 08:52	07/08/25 22:30	1
Thallium	0.85		0.61	0.30	mg/Kg	✱	07/03/25 08:52	07/08/25 22:30	1
Vanadium	24		0.30	0.072	mg/Kg	✱	07/03/25 08:52	07/08/25 22:30	1
Zinc	56		1.2	0.53	mg/Kg	✱	07/03/25 08:52	07/08/25 22:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.010	0.0037	mg/L		07/09/25 13:42	07/10/25 13:25	1
Barium	0.54	B	0.010	0.0012	mg/L		07/09/25 13:42	07/10/25 13:25	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		07/09/25 13:42	07/10/25 13:25	1
Boron	0.029	J B	2.5	0.028	mg/L		07/09/25 13:42	07/11/25 21:37	5
Cadmium	0.0011	J	0.0050	0.00043	mg/L		07/09/25 13:42	07/10/25 13:25	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B04 (10-15)

Lab Sample ID: 500-270891-16

Date Collected: 06/30/25 13:40

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 81.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.010		0.010	0.0017	mg/L		07/09/25 13:42	07/10/25 13:25	1
Cobalt	0.029		0.0050	0.00078	mg/L		07/09/25 13:42	07/10/25 13:25	1
Copper	<0.010		0.010	0.0018	mg/L		07/09/25 13:42	07/10/25 13:25	1
Iron	0.14	J	0.40	0.082	mg/L		07/09/25 13:42	07/10/25 13:25	1
Lead	<0.0075		0.0075	0.0027	mg/L		07/09/25 13:42	07/10/25 13:25	1
Manganese	1.9		0.010	0.0023	mg/L		07/09/25 13:42	07/10/25 13:25	1
Nickel	0.11		0.010	0.0048	mg/L		07/09/25 13:42	07/10/25 13:25	1
Selenium	0.011	J B	0.050	0.0053	mg/L		07/09/25 13:42	07/10/25 13:25	1
Silver	<0.0050		0.0050	0.0015	mg/L		07/09/25 13:42	07/10/25 13:25	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		07/09/25 13:42	07/10/25 13:25	1
Zinc	<0.50		0.50	0.0050	mg/L		07/09/25 13:42	07/10/25 13:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	0.033		0.010	0.0023	mg/L		07/10/25 13:29	07/11/25 13:04	1
Nickel	<0.010		0.010	0.0048	mg/L		07/10/25 13:29	07/11/25 13:04	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0060	mg/L		07/09/25 13:42	07/14/25 16:57	1
Thallium	<0.0020		0.0020	0.0020	mg/L		07/09/25 13:42	07/14/25 16:57	1

Method: SW846 7470A - Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/10/25 10:35	07/11/25 11:08	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.055		0.020	0.0083	mg/Kg	☼	07/10/25 15:15	07/11/25 11:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.27		0.27	0.14	mg/Kg	☼	07/07/25 14:55	07/07/25 17:24	1
pH (SW846 9045D)	7.4		0.2	0.2	SU			07/02/25 11:26	1

Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B04 (15-20)

Lab Sample ID: 500-270891-17

Date Collected: 06/30/25 13:45

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 80.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015		0.015	0.0063	mg/Kg	☆	07/01/25 19:06	07/02/25 19:56	1
Benzene	<0.0015		0.0015	0.00047	mg/Kg	☆	07/01/25 19:06	07/02/25 19:56	1
Bromodichloromethane	<0.0015		0.0015	0.00048	mg/Kg	☆	07/01/25 19:06	07/02/25 19:56	1
Bromoform	<0.0015		0.0015	0.00088	mg/Kg	☆	07/01/25 19:06	07/02/25 19:56	1
Bromomethane	<0.0038		0.0038	0.0018	mg/Kg	☆	07/01/25 19:06	07/02/25 19:56	1
2-Butanone (MEK)	<0.0038		0.0038	0.0016	mg/Kg	☆	07/01/25 19:06	07/02/25 19:56	1
Carbon disulfide	<0.0038		0.0038	0.00069	mg/Kg	☆	07/01/25 19:06	07/02/25 19:56	1
Carbon tetrachloride	<0.0015		0.0015	0.00051	mg/Kg	☆	07/01/25 19:06	07/02/25 19:56	1
Chlorobenzene	<0.0015		0.0015	0.00063	mg/Kg	☆	07/01/25 19:06	07/02/25 19:56	1
Chloroethane	<0.0038	*-	0.0038	0.0012	mg/Kg	☆	07/01/25 19:06	07/02/25 19:56	1
Chloroform	0.0012	J B	0.0015	0.0011	mg/Kg	☆	07/01/25 19:06	07/02/25 19:56	1
Chloromethane	<0.0038	*-	0.0038	0.00073	mg/Kg	☆	07/01/25 19:06	07/02/25 19:56	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00061	mg/Kg	☆	07/01/25 19:06	07/02/25 19:56	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00060	mg/Kg	☆	07/01/25 19:06	07/02/25 19:56	1
Dibromochloromethane	<0.0015		0.0015	0.00070	mg/Kg	☆	07/01/25 19:06	07/02/25 19:56	1
1,2-Dibromo-3-Chloropropane	<3.8		3.8	2.6	ug/Kg	☆	07/01/25 19:06	07/02/25 19:56	1
1,1-Dichloroethane	<0.0015		0.0015	0.00057	mg/Kg	☆	07/01/25 19:06	07/02/25 19:56	1
1,2-Dichloroethane	<0.0038		0.0038	0.00097	mg/Kg	☆	07/01/25 19:06	07/02/25 19:56	1
1,1-Dichloroethene	<0.0015		0.0015	0.00062	mg/Kg	☆	07/01/25 19:06	07/02/25 19:56	1
1,2-Dichloropropane	<0.0015		0.0015	0.00039	mg/Kg	☆	07/01/25 19:06	07/02/25 19:56	1
1,3-Dichloropropene, Total	<0.0015		0.0015	0.00072	mg/Kg	☆	07/01/25 19:06	07/02/25 19:56	1
Ethylbenzene	<0.0015		0.0015	0.00079	mg/Kg	☆	07/01/25 19:06	07/02/25 19:56	1
2-Hexanone	<0.0038		0.0038	0.0023	mg/Kg	☆	07/01/25 19:06	07/02/25 19:56	1
Methylene Chloride	<0.0038		0.0038	0.0016	mg/Kg	☆	07/01/25 19:06	07/02/25 19:56	1
4-Methyl-2-pentanone (MIBK)	<0.0038		0.0038	0.0027	mg/Kg	☆	07/01/25 19:06	07/02/25 19:56	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00048	mg/Kg	☆	07/01/25 19:06	07/02/25 19:56	1
Styrene	<0.0015		0.0015	0.00068	mg/Kg	☆	07/01/25 19:06	07/02/25 19:56	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00075	mg/Kg	☆	07/01/25 19:06	07/02/25 19:56	1
Tetrachloroethene	<0.0015		0.0015	0.00084	mg/Kg	☆	07/01/25 19:06	07/02/25 19:56	1
Toluene	<0.0015		0.0015	0.00030	mg/Kg	☆	07/01/25 19:06	07/02/25 19:56	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00057	mg/Kg	☆	07/01/25 19:06	07/02/25 19:56	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00072	mg/Kg	☆	07/01/25 19:06	07/02/25 19:56	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00061	mg/Kg	☆	07/01/25 19:06	07/02/25 19:56	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00056	mg/Kg	☆	07/01/25 19:06	07/02/25 19:56	1
Trichloroethene	<0.0015		0.0015	0.00041	mg/Kg	☆	07/01/25 19:06	07/02/25 19:56	1
Vinyl acetate	<0.0038		0.0038	0.00090	mg/Kg	☆	07/01/25 19:06	07/02/25 19:56	1
Vinyl chloride	<0.0015	*-	0.0015	0.00061	mg/Kg	☆	07/01/25 19:06	07/02/25 19:56	1
Xylenes, Total	<0.0030		0.0030	0.00052	mg/Kg	☆	07/01/25 19:06	07/02/25 19:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		75 - 131	07/01/25 19:06	07/02/25 19:56	1
Dibromofluoromethane	105		75 - 126	07/01/25 19:06	07/02/25 19:56	1
1,2-Dichloroethane-d4 (Surr)	100		70 - 134	07/01/25 19:06	07/02/25 19:56	1
Toluene-d8 (Surr)	110		75 - 124	07/01/25 19:06	07/02/25 19:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.028	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1
1,2-Dichlorobenzene	<0.20		0.20	0.016	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1
1,3-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B04 (15-20)

Lab Sample ID: 500-270891-17

Date Collected: 06/30/25 13:45

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 80.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	<0.20		0.20	0.019	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.028	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1
2,4,5-Trichlorophenol	<0.39		0.39	0.015	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1
2,4,6-Trichlorophenol	<0.39		0.39	0.013	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1
2,4-Dichlorophenol	<0.39		0.39	0.014	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1
2,4-Dimethylphenol	<0.39		0.39	0.089	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1
2,4-Dinitrophenol	<0.80		0.80	0.23	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1
2,4-Dinitrotoluene	<0.20		0.20	0.023	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1
2,6-Dinitrotoluene	<0.20		0.20	0.028	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1
2-Chloronaphthalene	<0.20		0.20	0.015	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1
2-Chlorophenol	<0.20		0.20	0.013	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1
2-Methylnaphthalene	0.017	J	0.080	0.0079	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1
2-Methylphenol	<0.20		0.20	0.021	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1
2-Nitroaniline	<0.20		0.20	0.021	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1
2-Nitrophenol	<0.39		0.39	0.027	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1
3 & 4 Methylphenol	<0.20		0.20	0.029	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.17	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1
3-Nitroaniline	<0.39		0.39	0.018	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1
4,6-Dinitro-2-methylphenol	<0.80		0.80	0.22	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.027	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1
4-Chloro-3-methylphenol	<0.39		0.39	0.033	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1
4-Chloroaniline	<0.80		0.80	0.42	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1
4-Nitroaniline	<0.39		0.39	0.029	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1
4-Nitrophenol	<0.80		0.80	0.43	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1
Acenaphthene	<0.039		0.039	0.0081	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1
Acenaphthylene	<0.039		0.039	0.0067	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1
Anthracene	<0.039		0.039	0.0081	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1
Benzo[a]anthracene	<0.039		0.039	0.0084	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1
Benzo[a]pyrene	<0.039		0.039	0.038	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1
Benzo[b]fluoranthene	<0.039		0.039	0.038	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1
Benzo[g,h,i]perylene	0.023	J	0.039	0.018	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1
Benzo[k]fluoranthene	<0.039		0.039	0.015	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.018	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.16	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1
Butyl benzyl phthalate	<0.20		0.20	0.020	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1
Carbazole	<0.20		0.20	0.016	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1
Chrysene	0.019	J	0.039	0.010	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1
Dibenz(a,h)anthracene	<0.039		0.039	0.039	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1
Dibenzofuran	0.017	J	0.20	0.014	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1
Diethyl phthalate	<0.20		0.20	0.018	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1
Dimethyl phthalate	<0.20		0.20	0.0086	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1
Di-n-butyl phthalate	<0.20		0.20	0.013	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1
Di-n-octyl phthalate	<0.39		0.39	0.28	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1
Fluoranthene	<0.039		0.039	0.0092	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1
Fluorene	<0.039		0.039	0.012	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1
Hexachlorobenzene	<0.080		0.080	0.0076	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1
Hexachlorobutadiene	<0.20		0.20	0.022	mg/Kg	☆	07/03/25 07:15	07/03/25 21:09	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B04 (15-20)

Lab Sample ID: 500-270891-17

Date Collected: 06/30/25 13:45

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 80.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	<0.80		0.80	0.42	mg/Kg	✱	07/03/25 07:15	07/03/25 21:09	1
Hexachloroethane	<0.20		0.20	0.020	mg/Kg	✱	07/03/25 07:15	07/03/25 21:09	1
Indeno[1,2,3-cd]pyrene	<0.039		0.039	0.039	mg/Kg	✱	07/03/25 07:15	07/03/25 21:09	1
Isophorone	<0.20		0.20	0.020	mg/Kg	✱	07/03/25 07:15	07/03/25 21:09	1
Naphthalene	<0.039		0.039	0.0072	mg/Kg	✱	07/03/25 07:15	07/03/25 21:09	1
Nitrobenzene	<0.039		0.039	0.013	mg/Kg	✱	07/03/25 07:15	07/03/25 21:09	1
N-Nitrosodi-n-propylamine	<0.080		0.080	0.023	mg/Kg	✱	07/03/25 07:15	07/03/25 21:09	1
N-Nitrosodiphenylamine	<0.20		0.20	0.078	mg/Kg	✱	07/03/25 07:15	07/03/25 21:09	1
Pentachlorophenol	<0.80		0.80	0.44	mg/Kg	✱	07/03/25 07:15	07/03/25 21:09	1
Phenanthrene	0.068		0.039	0.0086	mg/Kg	✱	07/03/25 07:15	07/03/25 21:09	1
Phenol	<0.20		0.20	0.017	mg/Kg	✱	07/03/25 07:15	07/03/25 21:09	1
Pyrene	0.018	J	0.039	0.011	mg/Kg	✱	07/03/25 07:15	07/03/25 21:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	73		31 - 166	07/03/25 07:15	07/03/25 21:09	1
Phenol-d5 (Surr)	75		30 - 153	07/03/25 07:15	07/03/25 21:09	1
Nitrobenzene-d5 (Surr)	81		37 - 147	07/03/25 07:15	07/03/25 21:09	1
2-Fluorobiphenyl (Surr)	83		43 - 145	07/03/25 07:15	07/03/25 21:09	1
2,4,6-Tribromophenol (Surr)	48		31 - 143	07/03/25 07:15	07/03/25 21:09	1
Terphenyl-d14 (Surr)	97		42 - 157	07/03/25 07:15	07/03/25 21:09	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.2		1.2	0.24	mg/Kg	✱	07/03/25 08:52	07/08/25 22:35	1
Arsenic	5.4		0.61	0.21	mg/Kg	✱	07/03/25 08:52	07/08/25 22:35	1
Barium	52	B	0.61	0.069	mg/Kg	✱	07/03/25 08:52	07/08/25 22:35	1
Beryllium	0.66		0.24	0.057	mg/Kg	✱	07/03/25 08:52	07/08/25 22:35	1
Boron	27	B	3.0	0.28	mg/Kg	✱	07/03/25 08:52	07/08/25 22:35	1
Cadmium	0.066	J	0.12	0.022	mg/Kg	✱	07/03/25 08:52	07/08/25 22:35	1
Chromium	24		0.61	0.30	mg/Kg	✱	07/03/25 08:52	07/08/25 22:35	1
Cobalt	13		0.30	0.080	mg/Kg	✱	07/03/25 08:52	07/08/25 22:35	1
Copper	21		0.61	0.17	mg/Kg	✱	07/03/25 08:52	07/08/25 22:35	1
Iron	19000	B	12	6.3	mg/Kg	✱	07/03/25 08:52	07/08/25 22:35	1
Lead	14		1.5	0.70	mg/Kg	✱	07/03/25 08:52	07/09/25 17:34	5
Magnesium	20000		6.1	3.0	mg/Kg	✱	07/03/25 08:52	07/08/25 22:35	1
Manganese	280		0.61	0.088	mg/Kg	✱	07/03/25 08:52	07/08/25 22:35	1
Nickel	36		0.61	0.18	mg/Kg	✱	07/03/25 08:52	07/08/25 22:35	1
Selenium	<0.61		0.61	0.36	mg/Kg	✱	07/03/25 08:52	07/08/25 22:35	1
Silver	<0.30		0.30	0.079	mg/Kg	✱	07/03/25 08:52	07/08/25 22:35	1
Thallium	0.80		0.61	0.30	mg/Kg	✱	07/03/25 08:52	07/08/25 22:35	1
Vanadium	26		0.30	0.072	mg/Kg	✱	07/03/25 08:52	07/08/25 22:35	1
Zinc	53		1.2	0.53	mg/Kg	✱	07/03/25 08:52	07/08/25 22:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.010	0.0037	mg/L		07/09/25 13:42	07/10/25 13:29	1
Barium	0.51	B	0.010	0.0012	mg/L		07/09/25 13:42	07/10/25 13:29	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		07/09/25 13:42	07/10/25 13:29	1
Boron	0.057	J B	2.5	0.028	mg/L		07/09/25 13:42	07/11/25 21:51	5
Cadmium	0.00075	J	0.0050	0.00043	mg/L		07/09/25 13:42	07/10/25 13:29	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B04 (15-20)

Lab Sample ID: 500-270891-17

Date Collected: 06/30/25 13:45

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 80.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.010		0.010	0.0017	mg/L		07/09/25 13:42	07/10/25 13:29	1
Cobalt	0.012		0.0050	0.00078	mg/L		07/09/25 13:42	07/10/25 13:29	1
Copper	<0.010		0.010	0.0018	mg/L		07/09/25 13:42	07/10/25 13:29	1
Iron	<0.40		0.40	0.082	mg/L		07/09/25 13:42	07/10/25 13:29	1
Lead	<0.0075		0.0075	0.0027	mg/L		07/09/25 13:42	07/10/25 13:29	1
Manganese	1.5		0.010	0.0023	mg/L		07/09/25 13:42	07/10/25 13:29	1
Nickel	0.047		0.010	0.0048	mg/L		07/09/25 13:42	07/10/25 13:29	1
Selenium	0.0095	J B	0.050	0.0053	mg/L		07/09/25 13:42	07/10/25 13:29	1
Silver	<0.0050		0.0050	0.0015	mg/L		07/09/25 13:42	07/10/25 13:29	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		07/09/25 13:42	07/10/25 13:29	1
Zinc	<0.50		0.50	0.0050	mg/L		07/09/25 13:42	07/10/25 13:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	0.030		0.010	0.0023	mg/L		07/10/25 13:29	07/11/25 13:08	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0060	mg/L		07/09/25 13:42	07/14/25 17:01	1
Thallium	<0.0020		0.0020	0.0020	mg/L		07/09/25 13:42	07/14/25 17:01	1

Method: SW846 7470A - Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/10/25 10:35	07/11/25 11:10	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.044		0.018	0.0076	mg/Kg	☆	07/10/25 15:15	07/11/25 11:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.26		0.26	0.13	mg/Kg	☆	07/07/25 14:55	07/07/25 17:26	1
pH (SW846 9045D)	7.5		0.2	0.2	SU			07/02/25 11:29	1

Definitions/Glossary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

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

Metals

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

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.

Glossary

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

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Definitions/Glossary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

GC/MS VOA

Analysis Batch: 824184

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	Total/NA	Solid	8260D	824229
500-270891-2	3055V-181-B01 (0-2)	Total/NA	Solid	8260D	824229
500-270891-3	3055V-200-B01 (0-2)	Total/NA	Solid	8260D	824229
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	8260D	824229
500-270891-5	3055V-01-B01 (0-5)	Total/NA	Solid	8260D	824229
MB 500-824184/7	Method Blank	Total/NA	Solid	8260D	
LCS 500-824184/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 500-824184/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

Prep Batch: 824229

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	Total/NA	Solid	5035	
500-270891-2	3055V-181-B01 (0-2)	Total/NA	Solid	5035	
500-270891-3	3055V-200-B01 (0-2)	Total/NA	Solid	5035	
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	5035	
500-270891-5	3055V-01-B01 (0-5)	Total/NA	Solid	5035	
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	5035	
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	5035	
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	5035	
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	5035	
500-270891-10	3055V-01-B02 (5-10)	Total/NA	Solid	5035	
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	5035	
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	5035	
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	5035	
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	5035	
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	5035	
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	5035	
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	5035	
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	5035	
500-270891-19	3055V-165-B01 (0-2)	Total/NA	Solid	5035	
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	5035	

Analysis Batch: 824263

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	8260D	824229
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	8260D	824229
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	8260D	824229
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	8260D	824229
500-270891-10	3055V-01-B02 (5-10)	Total/NA	Solid	8260D	824229
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	8260D	824229
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	8260D	824229
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	8260D	824229
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	8260D	824229
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	8260D	824229
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	8260D	824229
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	8260D	824229
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	8260D	824229
500-270891-19	3055V-165-B01 (0-2)	Total/NA	Solid	8260D	824229
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	8260D	824229
MB 500-824263/7	Method Blank	Total/NA	Solid	8260D	
LCS 500-824263/5	Lab Control Sample	Total/NA	Solid	8260D	

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

GC/MS VOA (Continued)

Analysis Batch: 824263 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 500-824263/8	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS Semi VOA

Prep Batch: 824387

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	Total/NA	Solid	3546	
500-270891-2	3055V-181-B01 (0-2)	Total/NA	Solid	3546	
500-270891-3	3055V-200-B01 (0-2)	Total/NA	Solid	3546	
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	3546	
500-270891-5	3055V-01-B01 (0-5)	Total/NA	Solid	3546	
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	3546	
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	3546	
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	3546	
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	3546	
500-270891-10	3055V-01-B02 (5-10)	Total/NA	Solid	3546	
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	3546	
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	3546	
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	3546	
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	3546	
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	3546	
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	3546	
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	3546	
500-270891-19	3055V-165-B01 (0-2)	Total/NA	Solid	3546	
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	3546	
MB 500-824387/1-A	Method Blank	Total/NA	Solid	3546	
LCS 500-824387/2-A	Lab Control Sample	Total/NA	Solid	3546	
500-270891-20 MS	3055V-193-B01 (0-2)	Total/NA	Solid	3546	
500-270891-20 MSD	3055V-193-B01 (0-2)	Total/NA	Solid	3546	

Analysis Batch: 824407

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	Total/NA	Solid	8270E	824387
500-270891-2	3055V-181-B01 (0-2)	Total/NA	Solid	8270E	824387
500-270891-3	3055V-200-B01 (0-2)	Total/NA	Solid	8270E	824387
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	8270E	824387
500-270891-5	3055V-01-B01 (0-5)	Total/NA	Solid	8270E	824387
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	8270E	824387
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	8270E	824387
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	8270E	824387
500-270891-10	3055V-01-B02 (5-10)	Total/NA	Solid	8270E	824387
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	8270E	824387
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	8270E	824387
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	8270E	824387
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	8270E	824387
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	8270E	824387
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	8270E	824387
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	8270E	824387
500-270891-19	3055V-165-B01 (0-2)	Total/NA	Solid	8270E	824387
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	8270E	824387
MB 500-824387/1-A	Method Blank	Total/NA	Solid	8270E	824387

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

GC/MS Semi VOA (Continued)

Analysis Batch: 824407 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-824387/2-A	Lab Control Sample	Total/NA	Solid	8270E	824387
500-270891-20 MS	3055V-193-B01 (0-2)	Total/NA	Solid	8270E	824387
500-270891-20 MSD	3055V-193-B01 (0-2)	Total/NA	Solid	8270E	824387

Analysis Batch: 824795

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	8270E	824387

Prep Batch: 824905

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	3546	
MB 500-824905/1-A	Method Blank	Total/NA	Solid	3546	
LCS 500-824905/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 824983

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	8270E	824905
MB 500-824905/1-A	Method Blank	Total/NA	Solid	8270E	824905
LCS 500-824905/2-A	Lab Control Sample	Total/NA	Solid	8270E	824905

Metals

Prep Batch: 824432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	Total/NA	Solid	3050B	
500-270891-2	3055V-181-B01 (0-2)	Total/NA	Solid	3050B	
500-270891-3	3055V-200-B01 (0-2)	Total/NA	Solid	3050B	
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	3050B	
500-270891-5	3055V-01-B01 (0-5)	Total/NA	Solid	3050B	
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	3050B	
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	3050B	
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	3050B	
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	3050B	
500-270891-10	3055V-01-B02 (5-10)	Total/NA	Solid	3050B	
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	3050B	
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	3050B	
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	3050B	
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	3050B	
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	3050B	
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	3050B	
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	3050B	
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	3050B	
500-270891-19	3055V-165-B01 (0-2)	Total/NA	Solid	3050B	
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	3050B	
MB 500-824432/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-824432/2-A	Lab Control Sample	Total/NA	Solid	3050B	
500-270891-1 MS	3055V-179-B01 (0-1)	Total/NA	Solid	3050B	
500-270891-1 MSD	3055V-179-B01 (0-1)	Total/NA	Solid	3050B	
500-270891-1 DU	3055V-179-B01 (0-1)	Total/NA	Solid	3050B	

Eurofins Chicago

QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Metals

Leach Batch: 824709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	TCLP	Solid	1311	
500-270891-2	3055V-181-B01 (0-2)	TCLP	Solid	1311	
500-270891-6	3055V-01-B01 (5-10)	TCLP	Solid	1311	
500-270891-7	3055V-01-B01 (10-15)	TCLP	Solid	1311	
500-270891-9	3055V-01-B02 (0-5)	TCLP	Solid	1311	
500-270891-11	3055V-01-B02 (10-15)	TCLP	Solid	1311	
500-270891-12	3055V-01-B02 (10-15)D	TCLP	Solid	1311	
500-270891-13	3055V-01-B02 (15-20)	TCLP	Solid	1311	
500-270891-14	3055V-01-B04 (0-5)	TCLP	Solid	1311	
500-270891-15	3055V-01-B04 (5-10)	TCLP	Solid	1311	
LB 500-824709/1-B	Method Blank	TCLP	Solid	1311	
LB 500-824709/1-C	Method Blank	TCLP	Solid	1311	
500-270891-1 MS	3055V-179-B01 (0-1)	TCLP	Solid	1311	
500-270891-1 DU	3055V-179-B01 (0-1)	TCLP	Solid	1311	

Leach Batch: 824710

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	SPLP East	Solid	1312	
500-270891-2	3055V-181-B01 (0-2)	SPLP East	Solid	1312	
500-270891-3	3055V-200-B01 (0-2)	SPLP East	Solid	1312	
500-270891-4	3055V-200-B02 (0-1)	SPLP East	Solid	1312	
500-270891-5	3055V-01-B01 (0-5)	SPLP East	Solid	1312	
500-270891-6	3055V-01-B01 (5-10)	SPLP East	Solid	1312	
500-270891-7	3055V-01-B01 (10-15)	SPLP East	Solid	1312	
500-270891-8	3055V-01-B01 (15-19.5)	SPLP East	Solid	1312	
500-270891-9	3055V-01-B02 (0-5)	SPLP East	Solid	1312	
500-270891-10	3055V-01-B02 (5-10)	SPLP East	Solid	1312	
500-270891-11	3055V-01-B02 (10-15)	SPLP East	Solid	1312	
500-270891-12	3055V-01-B02 (10-15)D	SPLP East	Solid	1312	
500-270891-13	3055V-01-B02 (15-20)	SPLP East	Solid	1312	
500-270891-14	3055V-01-B04 (0-5)	SPLP East	Solid	1312	
500-270891-15	3055V-01-B04 (5-10)	SPLP East	Solid	1312	
LB 500-824710/1-B	Method Blank	SPLP East	Solid	1312	
500-270891-1 MS	3055V-179-B01 (0-1)	SPLP East	Solid	1312	
500-270891-1 DU	3055V-179-B01 (0-1)	SPLP East	Solid	1312	

Leach Batch: 824736

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-3	3055V-200-B01 (0-2)	TCLP	Solid	1311	
500-270891-4	3055V-200-B02 (0-1)	TCLP	Solid	1311	
500-270891-5	3055V-01-B01 (0-5)	TCLP	Solid	1311	
500-270891-8	3055V-01-B01 (15-19.5)	TCLP	Solid	1311	
500-270891-10	3055V-01-B02 (5-10)	TCLP	Solid	1311	
LB2 500-824736/1-B	Method Blank	TCLP	Solid	1311	
LB2 500-824736/1-C	Method Blank	TCLP	Solid	1311	

Leach Batch: 824870

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-16	3055V-01-B04 (10-15)	TCLP	Solid	1311	
500-270891-17	3055V-01-B04 (15-20)	TCLP	Solid	1311	
500-270891-18	3055V-165-B02 (0-1)	TCLP	Solid	1311	

Eurofins Chicago

QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Metals (Continued)

Leach Batch: 824870 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-19	3055V-165-B01 (0-2)	TCLP	Solid	1311	
LB 500-824870/1-B	Method Blank	TCLP	Solid	1311	
LB 500-824870/1-C	Method Blank	TCLP	Solid	1311	

Leach Batch: 824871

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-16	3055V-01-B04 (10-15)	SPLP East	Solid	1312	
500-270891-17	3055V-01-B04 (15-20)	SPLP East	Solid	1312	
500-270891-18	3055V-165-B02 (0-1)	SPLP East	Solid	1312	
500-270891-19	3055V-165-B01 (0-2)	SPLP East	Solid	1312	
LB 500-824871/1-C	Method Blank	SPLP East	Solid	1312	

Prep Batch: 824919

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	TCLP	Solid	3010A	824709
500-270891-2	3055V-181-B01 (0-2)	TCLP	Solid	3010A	824709
500-270891-3	3055V-200-B01 (0-2)	TCLP	Solid	3010A	824736
500-270891-4	3055V-200-B02 (0-1)	TCLP	Solid	3010A	824736
500-270891-5	3055V-01-B01 (0-5)	TCLP	Solid	3010A	824736
500-270891-6	3055V-01-B01 (5-10)	TCLP	Solid	3010A	824709
500-270891-7	3055V-01-B01 (10-15)	TCLP	Solid	3010A	824709
500-270891-8	3055V-01-B01 (15-19.5)	TCLP	Solid	3010A	824736
500-270891-9	3055V-01-B02 (0-5)	TCLP	Solid	3010A	824709
500-270891-10	3055V-01-B02 (5-10)	TCLP	Solid	3010A	824736
500-270891-11	3055V-01-B02 (10-15)	TCLP	Solid	3010A	824709
500-270891-12	3055V-01-B02 (10-15)D	TCLP	Solid	3010A	824709
500-270891-13	3055V-01-B02 (15-20)	TCLP	Solid	3010A	824709
500-270891-14	3055V-01-B04 (0-5)	TCLP	Solid	3010A	824709
500-270891-15	3055V-01-B04 (5-10)	TCLP	Solid	3010A	824709
LB 500-824709/1-B	Method Blank	TCLP	Solid	3010A	824709
LB2 500-824736/1-B	Method Blank	TCLP	Solid	3010A	824736
LCS 500-824919/16-A	Lab Control Sample	Total/NA	Solid	3010A	
LCS 500-824919/2-A	Lab Control Sample	Total/NA	Solid	3010A	
500-270891-1 MS	3055V-179-B01 (0-1)	TCLP	Solid	3010A	824709
500-270891-1 DU	3055V-179-B01 (0-1)	TCLP	Solid	3010A	824709

Prep Batch: 824920

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	SPLP East	Solid	3010A	824710
500-270891-2	3055V-181-B01 (0-2)	SPLP East	Solid	3010A	824710
500-270891-3	3055V-200-B01 (0-2)	SPLP East	Solid	3010A	824710
500-270891-4	3055V-200-B02 (0-1)	SPLP East	Solid	3010A	824710
500-270891-5	3055V-01-B01 (0-5)	SPLP East	Solid	3010A	824710
500-270891-6	3055V-01-B01 (5-10)	SPLP East	Solid	3010A	824710
500-270891-7	3055V-01-B01 (10-15)	SPLP East	Solid	3010A	824710
500-270891-8	3055V-01-B01 (15-19.5)	SPLP East	Solid	3010A	824710
500-270891-9	3055V-01-B02 (0-5)	SPLP East	Solid	3010A	824710
500-270891-10	3055V-01-B02 (5-10)	SPLP East	Solid	3010A	824710
500-270891-11	3055V-01-B02 (10-15)	SPLP East	Solid	3010A	824710
500-270891-12	3055V-01-B02 (10-15)D	SPLP East	Solid	3010A	824710
500-270891-13	3055V-01-B02 (15-20)	SPLP East	Solid	3010A	824710

Eurofins Chicago

QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Metals (Continued)

Prep Batch: 824920 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-14	3055V-01-B04 (0-5)	SPLP East	Solid	3010A	824710
500-270891-15	3055V-01-B04 (5-10)	SPLP East	Solid	3010A	824710
LB 500-824710/1-B	Method Blank	SPLP East	Solid	3010A	824710
LCS 500-824920/2-A	Lab Control Sample	Total/NA	Solid	3010A	
500-270891-1 MS	3055V-179-B01 (0-1)	SPLP East	Solid	3010A	824710
500-270891-1 DU	3055V-179-B01 (0-1)	SPLP East	Solid	3010A	824710

Leach Batch: 825006

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-20	3055V-193-B01 (0-2)	TCLP	Solid	1311	
LB 500-825006/1-B	Method Blank	TCLP	Solid	1311	
LB 500-825006/1-C	Method Blank	TCLP	Solid	1311	
500-270891-20 MS	3055V-193-B01 (0-2)	TCLP	Solid	1311	
500-270891-20 DU	3055V-193-B01 (0-2)	TCLP	Solid	1311	

Leach Batch: 825016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-20	3055V-193-B01 (0-2)	SPLP East	Solid	1312	
LB 500-825016/1-B	Method Blank	SPLP East	Solid	1312	
500-270891-20 MS	3055V-193-B01 (0-2)	SPLP East	Solid	1312	
500-270891-20 DU	3055V-193-B01 (0-2)	SPLP East	Solid	1312	

Analysis Batch: 825017

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	Total/NA	Solid	6010D	824432
500-270891-2	3055V-181-B01 (0-2)	Total/NA	Solid	6010D	824432
500-270891-3	3055V-200-B01 (0-2)	Total/NA	Solid	6010D	824432
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	6010D	824432
500-270891-5	3055V-01-B01 (0-5)	Total/NA	Solid	6010D	824432
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	6010D	824432
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	6010D	824432
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	6010D	824432
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	6010D	824432
500-270891-10	3055V-01-B02 (5-10)	Total/NA	Solid	6010D	824432
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	6010D	824432
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	6010D	824432
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	6010D	824432
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	6010D	824432
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	6010D	824432
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	6010D	824432
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	6010D	824432
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	6010D	824432
500-270891-19	3055V-165-B01 (0-2)	Total/NA	Solid	6010D	824432
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	6010D	824432
MB 500-824432/1-A	Method Blank	Total/NA	Solid	6010D	824432
LCS 500-824432/2-A	Lab Control Sample	Total/NA	Solid	6010D	824432
500-270891-1 MS	3055V-179-B01 (0-1)	Total/NA	Solid	6010D	824432
500-270891-1 MSD	3055V-179-B01 (0-1)	Total/NA	Solid	6010D	824432
500-270891-1 DU	3055V-179-B01 (0-1)	Total/NA	Solid	6010D	824432

Eurofins Chicago

QC Association Summary

Client: WSP USA Inc

Job ID: 500-270891-1

Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Metals

Prep Batch: 825055

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	TCLP	Solid	7470A	824709
500-270891-2	3055V-181-B01 (0-2)	TCLP	Solid	7470A	824709
500-270891-3	3055V-200-B01 (0-2)	TCLP	Solid	7470A	824736
500-270891-4	3055V-200-B02 (0-1)	TCLP	Solid	7470A	824736
500-270891-5	3055V-01-B01 (0-5)	TCLP	Solid	7470A	824736
500-270891-6	3055V-01-B01 (5-10)	TCLP	Solid	7470A	824709
500-270891-7	3055V-01-B01 (10-15)	TCLP	Solid	7470A	824709
500-270891-8	3055V-01-B01 (15-19.5)	TCLP	Solid	7470A	824736
500-270891-9	3055V-01-B02 (0-5)	TCLP	Solid	7470A	824709
500-270891-10	3055V-01-B02 (5-10)	TCLP	Solid	7470A	824736
500-270891-11	3055V-01-B02 (10-15)	TCLP	Solid	7470A	824709
500-270891-12	3055V-01-B02 (10-15)D	TCLP	Solid	7470A	824709
500-270891-13	3055V-01-B02 (15-20)	TCLP	Solid	7470A	824709
500-270891-14	3055V-01-B04 (0-5)	TCLP	Solid	7470A	824709
500-270891-15	3055V-01-B04 (5-10)	TCLP	Solid	7470A	824709
LB 500-824709/1-C	Method Blank	TCLP	Solid	7470A	824709
LB2 500-824736/1-C	Method Blank	TCLP	Solid	7470A	824736
MB 500-825055/12-A	Method Blank	Total/NA	Solid	7470A	
LCS 500-825055/14-A	Lab Control Sample	Total/NA	Solid	7470A	
LCS 500-825055/30-A	Lab Control Sample	Total/NA	Solid	7470A	
500-270891-1 MS	3055V-179-B01 (0-1)	TCLP	Solid	7470A	824709
500-270891-1 DU	3055V-179-B01 (0-1)	TCLP	Solid	7470A	824709

Prep Batch: 825103

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-16	3055V-01-B04 (10-15)	TCLP	Solid	3010A	824870
500-270891-17	3055V-01-B04 (15-20)	TCLP	Solid	3010A	824870
500-270891-18	3055V-165-B02 (0-1)	TCLP	Solid	3010A	824870
500-270891-19	3055V-165-B01 (0-2)	TCLP	Solid	3010A	824870
LB 500-824870/1-B	Method Blank	TCLP	Solid	3010A	824870
LCS 500-825103/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Analysis Batch: 825222

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	SPLP East	Solid	6010D	824920
500-270891-1	3055V-179-B01 (0-1)	TCLP	Solid	6010D	824919
500-270891-2	3055V-181-B01 (0-2)	SPLP East	Solid	6010D	824920
500-270891-2	3055V-181-B01 (0-2)	TCLP	Solid	6010D	824919
500-270891-3	3055V-200-B01 (0-2)	SPLP East	Solid	6010D	824920
500-270891-3	3055V-200-B01 (0-2)	TCLP	Solid	6010D	824919
500-270891-4	3055V-200-B02 (0-1)	SPLP East	Solid	6010D	824920
500-270891-4	3055V-200-B02 (0-1)	TCLP	Solid	6010D	824919
500-270891-5	3055V-01-B01 (0-5)	SPLP East	Solid	6010D	824920
500-270891-5	3055V-01-B01 (0-5)	TCLP	Solid	6010D	824919
500-270891-6	3055V-01-B01 (5-10)	SPLP East	Solid	6010D	824920
500-270891-6	3055V-01-B01 (5-10)	TCLP	Solid	6010D	824919
500-270891-7	3055V-01-B01 (10-15)	SPLP East	Solid	6010D	824920
500-270891-7	3055V-01-B01 (10-15)	TCLP	Solid	6010D	824919
500-270891-8	3055V-01-B01 (15-19.5)	SPLP East	Solid	6010D	824920
500-270891-8	3055V-01-B01 (15-19.5)	TCLP	Solid	6010D	824919
500-270891-9	3055V-01-B02 (0-5)	SPLP East	Solid	6010D	824920

Eurofins Chicago

QC Association Summary

Client: WSP USA Inc

Job ID: 500-270891-1

Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Metals (Continued)

Analysis Batch: 825222 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-9	3055V-01-B02 (0-5)	TCLP	Solid	6010D	824919
500-270891-10	3055V-01-B02 (5-10)	SPLP East	Solid	6010D	824920
500-270891-10	3055V-01-B02 (5-10)	TCLP	Solid	6010D	824919
500-270891-11	3055V-01-B02 (10-15)	SPLP East	Solid	6010D	824920
500-270891-11	3055V-01-B02 (10-15)	TCLP	Solid	6010D	824919
500-270891-12	3055V-01-B02 (10-15)D	SPLP East	Solid	6010D	824920
500-270891-12	3055V-01-B02 (10-15)D	TCLP	Solid	6010D	824919
500-270891-13	3055V-01-B02 (15-20)	SPLP East	Solid	6010D	824920
500-270891-13	3055V-01-B02 (15-20)	TCLP	Solid	6010D	824919
500-270891-14	3055V-01-B04 (0-5)	SPLP East	Solid	6010D	824920
500-270891-14	3055V-01-B04 (0-5)	TCLP	Solid	6010D	824919
500-270891-15	3055V-01-B04 (5-10)	SPLP East	Solid	6010D	824920
500-270891-15	3055V-01-B04 (5-10)	TCLP	Solid	6010D	824919
LB 500-824709/1-B	Method Blank	TCLP	Solid	6010D	824919
LB 500-824710/1-B	Method Blank	SPLP East	Solid	6010D	824920
LB2 500-824736/1-B	Method Blank	TCLP	Solid	6010D	824919
LCS 500-824919/16-A	Lab Control Sample	Total/NA	Solid	6010D	824919
LCS 500-824919/2-A	Lab Control Sample	Total/NA	Solid	6010D	824919
LCS 500-824920/2-A	Lab Control Sample	Total/NA	Solid	6010D	824920
500-270891-1 MS	3055V-179-B01 (0-1)	SPLP East	Solid	6010D	824920
500-270891-1 MS	3055V-179-B01 (0-1)	TCLP	Solid	6010D	824919
500-270891-1 DU	3055V-179-B01 (0-1)	SPLP East	Solid	6010D	824920
500-270891-1 DU	3055V-179-B01 (0-1)	TCLP	Solid	6010D	824919

Analysis Batch: 825242

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	6010D	824432
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	6010D	824432
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	6010D	824432
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	6010D	824432
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	6010D	824432
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	6010D	824432
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	6010D	824432
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	6010D	824432
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	6010D	824432
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	6010D	824432
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	6010D	824432
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	6010D	824432
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	6010D	824432
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	6010D	824432
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	6010D	824432
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	6010D	824432

Analysis Batch: 825265

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	TCLP	Solid	7470A	825055
500-270891-2	3055V-181-B01 (0-2)	TCLP	Solid	7470A	825055
500-270891-3	3055V-200-B01 (0-2)	TCLP	Solid	7470A	825055
500-270891-4	3055V-200-B02 (0-1)	TCLP	Solid	7470A	825055
500-270891-5	3055V-01-B01 (0-5)	TCLP	Solid	7470A	825055
500-270891-6	3055V-01-B01 (5-10)	TCLP	Solid	7470A	825055

Eurofins Chicago

QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Metals (Continued)

Analysis Batch: 825265 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-7	3055V-01-B01 (10-15)	TCLP	Solid	7470A	825055
500-270891-8	3055V-01-B01 (15-19.5)	TCLP	Solid	7470A	825055
500-270891-9	3055V-01-B02 (0-5)	TCLP	Solid	7470A	825055
500-270891-10	3055V-01-B02 (5-10)	TCLP	Solid	7470A	825055
500-270891-11	3055V-01-B02 (10-15)	TCLP	Solid	7470A	825055
500-270891-12	3055V-01-B02 (10-15)D	TCLP	Solid	7470A	825055
500-270891-13	3055V-01-B02 (15-20)	TCLP	Solid	7470A	825055
500-270891-14	3055V-01-B04 (0-5)	TCLP	Solid	7470A	825055
500-270891-15	3055V-01-B04 (5-10)	TCLP	Solid	7470A	825055
LB 500-824709/1-C	Method Blank	TCLP	Solid	7470A	825055
LB2 500-824736/1-C	Method Blank	TCLP	Solid	7470A	825055
MB 500-825055/12-A	Method Blank	Total/NA	Solid	7470A	825055
LCS 500-825055/14-A	Lab Control Sample	Total/NA	Solid	7470A	825055
LCS 500-825055/30-A	Lab Control Sample	Total/NA	Solid	7470A	825055
500-270891-1 MS	3055V-179-B01 (0-1)	TCLP	Solid	7470A	825055
500-270891-1 DU	3055V-179-B01 (0-1)	TCLP	Solid	7470A	825055

Prep Batch: 825271

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-16	3055V-01-B04 (10-15)	TCLP	Solid	7470A	824870
500-270891-17	3055V-01-B04 (15-20)	TCLP	Solid	7470A	824870
500-270891-18	3055V-165-B02 (0-1)	TCLP	Solid	7470A	824870
500-270891-19	3055V-165-B01 (0-2)	TCLP	Solid	7470A	824870
LB 500-824870/1-C	Method Blank	TCLP	Solid	7470A	824870
MB 500-825271/12-A	Method Blank	Total/NA	Solid	7470A	
LCS 500-825271/14-A	Lab Control Sample	Total/NA	Solid	7470A	

Prep Batch: 825298

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-20	3055V-193-B01 (0-2)	TCLP	Solid	3010A	825006
LB 500-825006/1-B	Method Blank	TCLP	Solid	3010A	825006
LCS 500-825298/2-A	Lab Control Sample	Total/NA	Solid	3010A	
500-270891-20 MS	3055V-193-B01 (0-2)	TCLP	Solid	3010A	825006
500-270891-20 DU	3055V-193-B01 (0-2)	TCLP	Solid	3010A	825006

Prep Batch: 825300

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-16	3055V-01-B04 (10-15)	SPLP East	Solid	3010A	824871
500-270891-17	3055V-01-B04 (15-20)	SPLP East	Solid	3010A	824871
500-270891-18	3055V-165-B02 (0-1)	SPLP East	Solid	3010A	824871
500-270891-19	3055V-165-B01 (0-2)	SPLP East	Solid	3010A	824871
LB 500-824871/1-C	Method Blank	SPLP East	Solid	3010A	824871
LCS 500-825300/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Prep Batch: 825301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	Total/NA	Solid	7471B	
500-270891-2	3055V-181-B01 (0-2)	Total/NA	Solid	7471B	
500-270891-3	3055V-200-B01 (0-2)	Total/NA	Solid	7471B	
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	7471B	
500-270891-5	3055V-01-B01 (0-5)	Total/NA	Solid	7471B	

Eurofins Chicago

QC Association Summary

Client: WSP USA Inc

Job ID: 500-270891-1

Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Metals (Continued)

Prep Batch: 825301 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	7471B	
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	7471B	
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	7471B	
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	7471B	
500-270891-10	3055V-01-B02 (5-10)	Total/NA	Solid	7471B	
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	7471B	
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	7471B	
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	7471B	
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	7471B	
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	7471B	
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	7471B	
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	7471B	
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	7471B	
500-270891-19	3055V-165-B01 (0-2)	Total/NA	Solid	7471B	
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	7471B	
MB 500-825301/12-A	Method Blank	Total/NA	Solid	7471B	
LCS 500-825301/13-A	Lab Control Sample	Total/NA	Solid	7471B	
500-270891-11 MS	3055V-01-B02 (10-15)	Total/NA	Solid	7471B	
500-270891-11 MSD	3055V-01-B02 (10-15)	Total/NA	Solid	7471B	
500-270891-11 DU	3055V-01-B02 (10-15)	Total/NA	Solid	7471B	

Prep Batch: 825322

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-20	3055V-193-B01 (0-2)	SPLP East	Solid	3010A	825016
LB 500-825016/1-B	Method Blank	SPLP East	Solid	3010A	825016
LCS 500-825322/2-A	Lab Control Sample	Total/NA	Solid	3010A	
500-270891-20 MS	3055V-193-B01 (0-2)	SPLP East	Solid	3010A	825016
500-270891-20 DU	3055V-193-B01 (0-2)	SPLP East	Solid	3010A	825016

Analysis Batch: 825353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-16	3055V-01-B04 (10-15)	TCLP	Solid	6010D	825103
500-270891-17	3055V-01-B04 (15-20)	TCLP	Solid	6010D	825103
500-270891-18	3055V-165-B02 (0-1)	TCLP	Solid	6010D	825103
500-270891-19	3055V-165-B01 (0-2)	TCLP	Solid	6010D	825103
LB 500-824870/1-B	Method Blank	TCLP	Solid	6010D	825103
LCS 500-825103/2-A	Lab Control Sample	Total/NA	Solid	6010D	825103

Analysis Batch: 825354

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	TCLP	Solid	6010D	824919
500-270891-2	3055V-181-B01 (0-2)	TCLP	Solid	6010D	824919
500-270891-6	3055V-01-B01 (5-10)	TCLP	Solid	6010D	824919
500-270891-7	3055V-01-B01 (10-15)	TCLP	Solid	6010D	824919
500-270891-9	3055V-01-B02 (0-5)	TCLP	Solid	6010D	824919
500-270891-11	3055V-01-B02 (10-15)	TCLP	Solid	6010D	824919
500-270891-12	3055V-01-B02 (10-15)D	TCLP	Solid	6010D	824919
500-270891-13	3055V-01-B02 (15-20)	TCLP	Solid	6010D	824919
500-270891-14	3055V-01-B04 (0-5)	TCLP	Solid	6010D	824919
500-270891-15	3055V-01-B04 (5-10)	TCLP	Solid	6010D	824919
LB 500-824709/1-B	Method Blank	TCLP	Solid	6010D	824919

Eurofins Chicago

QC Association Summary

Client: WSP USA Inc

Job ID: 500-270891-1

Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Metals (Continued)

Analysis Batch: 825354 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-824919/2-A	Lab Control Sample	Total/NA	Solid	6010D	824919
500-270891-1 MS	3055V-179-B01 (0-1)	TCLP	Solid	6010D	824919
500-270891-1 DU	3055V-179-B01 (0-1)	TCLP	Solid	6010D	824919

Analysis Batch: 825416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-3	3055V-200-B01 (0-2)	TCLP	Solid	6010D	824919
500-270891-8	3055V-01-B01 (15-19.5)	TCLP	Solid	6010D	824919
500-270891-10	3055V-01-B02 (5-10)	TCLP	Solid	6010D	824919

Analysis Batch: 825455

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-16	3055V-01-B04 (10-15)	TCLP	Solid	7470A	825271
500-270891-17	3055V-01-B04 (15-20)	TCLP	Solid	7470A	825271
500-270891-18	3055V-165-B02 (0-1)	TCLP	Solid	7470A	825271
500-270891-19	3055V-165-B01 (0-2)	TCLP	Solid	7470A	825271
LB 500-824870/1-C	Method Blank	TCLP	Solid	7470A	825271
MB 500-825271/12-A	Method Blank	Total/NA	Solid	7470A	825271
LCS 500-825271/14-A	Lab Control Sample	Total/NA	Solid	7470A	825271

Analysis Batch: 825473

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	Total/NA	Solid	7471B	825301
500-270891-2	3055V-181-B01 (0-2)	Total/NA	Solid	7471B	825301
500-270891-3	3055V-200-B01 (0-2)	Total/NA	Solid	7471B	825301
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	7471B	825301
500-270891-5	3055V-01-B01 (0-5)	Total/NA	Solid	7471B	825301
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	7471B	825301
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	7471B	825301
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	7471B	825301
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	7471B	825301
500-270891-10	3055V-01-B02 (5-10)	Total/NA	Solid	7471B	825301
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	7471B	825301
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	7471B	825301
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	7471B	825301
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	7471B	825301
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	7471B	825301
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	7471B	825301
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	7471B	825301
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	7471B	825301
500-270891-19	3055V-165-B01 (0-2)	Total/NA	Solid	7471B	825301
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	7471B	825301
MB 500-825301/12-A	Method Blank	Total/NA	Solid	7471B	825301
LCS 500-825301/13-A	Lab Control Sample	Total/NA	Solid	7471B	825301
500-270891-11 MS	3055V-01-B02 (10-15)	Total/NA	Solid	7471B	825301
500-270891-11 MSD	3055V-01-B02 (10-15)	Total/NA	Solid	7471B	825301
500-270891-11 DU	3055V-01-B02 (10-15)	Total/NA	Solid	7471B	825301

Analysis Batch: 825582

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-16	3055V-01-B04 (10-15)	SPLP East	Solid	6010D	825300

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QC Association Summary

Client: WSP USA Inc

Job ID: 500-270891-1

Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Metals (Continued)

Analysis Batch: 825582 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-17	3055V-01-B04 (15-20)	SPLP East	Solid	6010D	825300
500-270891-18	3055V-165-B02 (0-1)	SPLP East	Solid	6010D	825300
500-270891-19	3055V-165-B01 (0-2)	SPLP East	Solid	6010D	825300
500-270891-20	3055V-193-B01 (0-2)	SPLP East	Solid	6010D	825322
LB 500-824871/1-C	Method Blank	SPLP East	Solid	6010D	825300
LB 500-825016/1-B	Method Blank	SPLP East	Solid	6010D	825322
LCS 500-825300/2-A	Lab Control Sample	Total/NA	Solid	6010D	825300
LCS 500-825322/2-A	Lab Control Sample	Total/NA	Solid	6010D	825322
500-270891-20 MS	3055V-193-B01 (0-2)	SPLP East	Solid	6010D	825322
500-270891-20 DU	3055V-193-B01 (0-2)	SPLP East	Solid	6010D	825322

Analysis Batch: 825584

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-16	3055V-01-B04 (10-15)	TCLP	Solid	6010D	825103
500-270891-17	3055V-01-B04 (15-20)	TCLP	Solid	6010D	825103
500-270891-18	3055V-165-B02 (0-1)	TCLP	Solid	6010D	825103
500-270891-19	3055V-165-B01 (0-2)	TCLP	Solid	6010D	825103
500-270891-20	3055V-193-B01 (0-2)	TCLP	Solid	6010D	825298
LB 500-825006/1-B	Method Blank	TCLP	Solid	6010D	825298
LCS 500-825298/2-A	Lab Control Sample	Total/NA	Solid	6010D	825298
500-270891-20 MS	3055V-193-B01 (0-2)	TCLP	Solid	6010D	825298
500-270891-20 DU	3055V-193-B01 (0-2)	TCLP	Solid	6010D	825298

Prep Batch: 825664

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-20	3055V-193-B01 (0-2)	TCLP	Solid	7470A	825006
LB 500-825006/1-C	Method Blank	TCLP	Solid	7470A	825006
MB 500-825664/12-A	Method Blank	Total/NA	Solid	7470A	
LCS 500-825664/14-A	Lab Control Sample	Total/NA	Solid	7470A	
500-270891-20 MS	3055V-193-B01 (0-2)	TCLP	Solid	7470A	825006
500-270891-20 DU	3055V-193-B01 (0-2)	TCLP	Solid	7470A	825006

Analysis Batch: 825793

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	TCLP	Solid	6020B	824919
500-270891-2	3055V-181-B01 (0-2)	TCLP	Solid	6020B	824919
500-270891-3	3055V-200-B01 (0-2)	TCLP	Solid	6020B	824919
500-270891-4	3055V-200-B02 (0-1)	TCLP	Solid	6020B	824919
500-270891-5	3055V-01-B01 (0-5)	TCLP	Solid	6020B	824919
500-270891-6	3055V-01-B01 (5-10)	TCLP	Solid	6020B	824919
500-270891-7	3055V-01-B01 (10-15)	TCLP	Solid	6020B	824919
500-270891-8	3055V-01-B01 (15-19.5)	TCLP	Solid	6020B	824919
500-270891-9	3055V-01-B02 (0-5)	TCLP	Solid	6020B	824919
500-270891-10	3055V-01-B02 (5-10)	TCLP	Solid	6020B	824919
500-270891-11	3055V-01-B02 (10-15)	TCLP	Solid	6020B	824919
500-270891-12	3055V-01-B02 (10-15)D	TCLP	Solid	6020B	824919
500-270891-13	3055V-01-B02 (15-20)	TCLP	Solid	6020B	824919
500-270891-14	3055V-01-B04 (0-5)	TCLP	Solid	6020B	824919
500-270891-15	3055V-01-B04 (5-10)	TCLP	Solid	6020B	824919
500-270891-16	3055V-01-B04 (10-15)	TCLP	Solid	6020B	825103
500-270891-17	3055V-01-B04 (15-20)	TCLP	Solid	6020B	825103

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Metals (Continued)

Analysis Batch: 825793 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-18	3055V-165-B02 (0-1)	TCLP	Solid	6020B	825103
500-270891-19	3055V-165-B01 (0-2)	TCLP	Solid	6020B	825103
500-270891-20	3055V-193-B01 (0-2)	TCLP	Solid	6020B	825298
LB 500-824709/1-B	Method Blank	TCLP	Solid	6020B	824919
LB 500-824870/1-B	Method Blank	TCLP	Solid	6020B	825103
LB 500-825006/1-B	Method Blank	TCLP	Solid	6020B	825298
LB2 500-824736/1-B	Method Blank	TCLP	Solid	6020B	824919
LCS 500-824919/16-A	Lab Control Sample	Total/NA	Solid	6020B	824919
LCS 500-824919/2-A	Lab Control Sample	Total/NA	Solid	6020B	824919
LCS 500-825103/2-A	Lab Control Sample	Total/NA	Solid	6020B	825103
LCS 500-825298/2-A	Lab Control Sample	Total/NA	Solid	6020B	825298
500-270891-1 MS	3055V-179-B01 (0-1)	TCLP	Solid	6020B	824919
500-270891-20 MS	3055V-193-B01 (0-2)	TCLP	Solid	6020B	825298
500-270891-1 DU	3055V-179-B01 (0-1)	TCLP	Solid	6020B	824919
500-270891-20 DU	3055V-193-B01 (0-2)	TCLP	Solid	6020B	825298

Analysis Batch: 825794

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-20	3055V-193-B01 (0-2)	TCLP	Solid	6010D	825298
500-270891-20 MS	3055V-193-B01 (0-2)	TCLP	Solid	6010D	825298
500-270891-20 DU	3055V-193-B01 (0-2)	TCLP	Solid	6010D	825298

Analysis Batch: 825842

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-20	3055V-193-B01 (0-2)	TCLP	Solid	7470A	825664
LB 500-825006/1-C	Method Blank	TCLP	Solid	7470A	825664
MB 500-825664/12-A	Method Blank	Total/NA	Solid	7470A	825664
LCS 500-825664/14-A	Lab Control Sample	Total/NA	Solid	7470A	825664
500-270891-20 MS	3055V-193-B01 (0-2)	TCLP	Solid	7470A	825664
500-270891-20 DU	3055V-193-B01 (0-2)	TCLP	Solid	7470A	825664

General Chemistry

Analysis Batch: 824244

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	Total/NA	Solid	Moisture	
500-270891-2	3055V-181-B01 (0-2)	Total/NA	Solid	Moisture	
500-270891-3	3055V-200-B01 (0-2)	Total/NA	Solid	Moisture	
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	Moisture	
500-270891-5	3055V-01-B01 (0-5)	Total/NA	Solid	Moisture	
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	Moisture	
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	Moisture	
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	Moisture	
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	Moisture	
500-270891-10	3055V-01-B02 (5-10)	Total/NA	Solid	Moisture	
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	Moisture	
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	Moisture	
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	Moisture	
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	Moisture	
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	Moisture	
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	Moisture	

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

General Chemistry (Continued)

Analysis Batch: 824244 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	Moisture	
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	Moisture	
500-270891-19	3055V-165-B01 (0-2)	Total/NA	Solid	Moisture	
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	Moisture	
500-270891-1 DU	3055V-179-B01 (0-1)	Total/NA	Solid	Moisture	

Analysis Batch: 824296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	Total/NA	Solid	9045D	
500-270891-2	3055V-181-B01 (0-2)	Total/NA	Solid	9045D	
500-270891-3	3055V-200-B01 (0-2)	Total/NA	Solid	9045D	
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	9045D	
500-270891-5	3055V-01-B01 (0-5)	Total/NA	Solid	9045D	
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	9045D	
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	9045D	
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	9045D	
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	9045D	
500-270891-10	3055V-01-B02 (5-10)	Total/NA	Solid	9045D	
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	9045D	
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	9045D	
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	9045D	
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	9045D	
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	9045D	
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	9045D	
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	9045D	
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	9045D	
500-270891-19	3055V-165-B01 (0-2)	Total/NA	Solid	9045D	
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	9045D	
LCS 500-824296/2	Lab Control Sample	Total/NA	Solid	9045D	
LCSD 500-824296/3	Lab Control Sample Dup	Total/NA	Solid	9045D	
500-270891-10 DU	3055V-01-B02 (5-10)	Total/NA	Solid	9045D	

Prep Batch: 824575

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	Total/NA	Solid	9010C	
500-270891-2	3055V-181-B01 (0-2)	Total/NA	Solid	9010C	
500-270891-3	3055V-200-B01 (0-2)	Total/NA	Solid	9010C	
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	9010C	
500-270891-5	3055V-01-B01 (0-5)	Total/NA	Solid	9010C	
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	9010C	
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	9010C	
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	9010C	
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	9010C	
500-270891-10	3055V-01-B02 (5-10)	Total/NA	Solid	9010C	
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	9010C	
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	9010C	
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	9010C	
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	9010C	
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	9010C	
MB 500-824575/1-A	Method Blank	Total/NA	Solid	9010C	
LCS 500-824575/2-A	Lab Control Sample	Total/NA	Solid	9010C	

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

General Chemistry (Continued)

Prep Batch: 824575 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-5 MS	3055V-01-B01 (0-5)	Total/NA	Solid	9010C	
500-270891-5 MSD	3055V-01-B01 (0-5)	Total/NA	Solid	9010C	
500-270891-12 MS	3055V-01-B02 (10-15)D	Total/NA	Solid	9010C	
500-270891-12 MSD	3055V-01-B02 (10-15)D	Total/NA	Solid	9010C	

Prep Batch: 824706

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	9010C	
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	9010C	
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	9010C	
500-270891-19	3055V-165-B01 (0-2)	Total/NA	Solid	9010C	
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	9010C	
MB 500-824706/1-A	Method Blank	Total/NA	Solid	9010C	
LCS 500-824706/2-A	Lab Control Sample	Total/NA	Solid	9010C	

Analysis Batch: 824731

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	Total/NA	Solid	9012B	824575
500-270891-2	3055V-181-B01 (0-2)	Total/NA	Solid	9012B	824575
500-270891-3	3055V-200-B01 (0-2)	Total/NA	Solid	9012B	824575
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	9012B	824575
500-270891-5	3055V-01-B01 (0-5)	Total/NA	Solid	9012B	824575
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	9012B	824575
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	9012B	824575
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	9012B	824575
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	9012B	824575
500-270891-10	3055V-01-B02 (5-10)	Total/NA	Solid	9012B	824575
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	9012B	824575
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	9012B	824575
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	9012B	824575
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	9012B	824575
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	9012B	824575
MB 500-824575/1-A	Method Blank	Total/NA	Solid	9012B	824575
LCS 500-824575/2-A	Lab Control Sample	Total/NA	Solid	9012B	824575
500-270891-5 MS	3055V-01-B01 (0-5)	Total/NA	Solid	9012B	824575
500-270891-5 MSD	3055V-01-B01 (0-5)	Total/NA	Solid	9012B	824575
500-270891-12 MS	3055V-01-B02 (10-15)D	Total/NA	Solid	9012B	824575
500-270891-12 MSD	3055V-01-B02 (10-15)D	Total/NA	Solid	9012B	824575

Analysis Batch: 824754

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	9012B	824706
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	9012B	824706
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	9012B	824706
500-270891-19	3055V-165-B01 (0-2)	Total/NA	Solid	9012B	824706
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	9012B	824706
MB 500-824706/1-A	Method Blank	Total/NA	Solid	9012B	824706
LCS 500-824706/2-A	Lab Control Sample	Total/NA	Solid	9012B	824706

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Surrogate Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (75-131)	DBFM (75-126)	DCA (70-134)	TOL (75-124)
500-270891-1	3055V-179-B01 (0-1)	113	99	96	105
500-270891-2	3055V-181-B01 (0-2)	112	96	99	103
500-270891-3	3055V-200-B01 (0-2)	113	97	97	104
500-270891-4	3055V-200-B02 (0-1)	115	98	97	105
500-270891-5	3055V-01-B01 (0-5)	112	100	101	101
500-270891-6	3055V-01-B01 (5-10)	103	101	99	103
500-270891-7	3055V-01-B01 (10-15)	103	103	100	106
500-270891-8	3055V-01-B01 (15-19.5)	103	105	95	107
500-270891-9	3055V-01-B02 (0-5)	104	101	98	104
500-270891-10	3055V-01-B02 (5-10)	105	102	98	105
500-270891-11	3055V-01-B02 (10-15)	99	102	99	107
500-270891-12	3055V-01-B02 (10-15)D	103	103	99	107
500-270891-13	3055V-01-B02 (15-20)	106	102	98	111
500-270891-14	3055V-01-B04 (0-5)	97	103	101	101
500-270891-15	3055V-01-B04 (5-10)	100	104	105	100
500-270891-16	3055V-01-B04 (10-15)	101	105	101	105
500-270891-17	3055V-01-B04 (15-20)	110	105	100	110
500-270891-18	3055V-165-B02 (0-1)	99	102	100	102
500-270891-19	3055V-165-B01 (0-2)	98	103	103	100
500-270891-20	3055V-193-B01 (0-2)	108	103	105	105
LCS 500-824184/4	Lab Control Sample	112	92	86	105
LCS 500-824263/5	Lab Control Sample	99	103	96	103
LCSD 500-824184/5	Lab Control Sample Dup	111	96	88	105
LCSD 500-824263/8	Lab Control Sample Dup	99	101	96	103
MB 500-824184/7	Method Blank	112	91	90	106
MB 500-824263/7	Method Blank	99	101	95	99

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		2FP (31-166)	PHL (30-153)	NBZ (37-147)	FBP (43-145)	TBP (31-143)	TPHL (42-157)
500-270891-1	3055V-179-B01 (0-1)	78	80	84	85	75	96
500-270891-2	3055V-181-B01 (0-2)	66	72	75	77	48	88
500-270891-3	3055V-200-B01 (0-2)	84	83	88	89	71	98
500-270891-4	3055V-200-B02 (0-1)	78	80	84	84	77	94
500-270891-5	3055V-01-B01 (0-5)	82	79	89	88	71	97
500-270891-6	3055V-01-B01 (5-10)	80	79	87	85	66	92
500-270891-7	3055V-01-B01 (10-15)	82	81	88	89	53	93
500-270891-8	3055V-01-B01 (15-19.5)	70	71	75	86	36	94
500-270891-9	3055V-01-B02 (0-5)	54	53	50	63	72	69
500-270891-10	3055V-01-B02 (5-10)	79	79	83	80	66	82
500-270891-11	3055V-01-B02 (10-15)	62	66	62	74	51	92

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Surrogate Summary

Client: WSP USA Inc

Job ID: 500-270891-1

Project/Site: IDOT - 196-002-WO55A I-290 Central Park

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		2FP (31-166)	PHL (30-153)	NBZ (37-147)	FBP (43-145)	TBP (31-143)	TPHL (42-157)
500-270891-12	3055V-01-B02 (10-15)D	62	65	66	72	48	92
500-270891-13	3055V-01-B02 (15-20)	63	68	68	71	44	89
500-270891-14	3055V-01-B04 (0-5)	61	60	65	62	62	73
500-270891-15	3055V-01-B04 (5-10)	68	70	77	81	46	91
500-270891-16	3055V-01-B04 (10-15)	64	67	69	73	54	85
500-270891-17	3055V-01-B04 (15-20)	73	75	81	83	48	97
500-270891-18	3055V-165-B02 (0-1)	71	78	81	85	77	98
500-270891-19	3055V-165-B01 (0-2)	76	74	79	75	68	79
500-270891-20	3055V-193-B01 (0-2)	77	73	85	85	60	93
500-270891-20 MS	3055V-193-B01 (0-2)	71	71	77	79	68	89
500-270891-20 MSD	3055V-193-B01 (0-2)	80	79	87	87	70	94
LCS 500-824387/2-A	Lab Control Sample	75	77	80	78	75	82
LCS 500-824905/2-A	Lab Control Sample	79	80	85	83	81	90
MB 500-824387/1-A	Method Blank	49	50	54	50	47	54
MB 500-824905/1-A	Method Blank	81	82	89	86	82	91

Surrogate Legend

2FP = 2-Fluorophenol (Surr)

PHL = Phenol-d5 (Surr)

NBZ = Nitrobenzene-d5 (Surr)

FBP = 2-Fluorobiphenyl (Surr)

TBP = 2,4,6-Tribromophenol (Surr)

TPHL = Terphenyl-d14 (Surr)

QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: MB 500-824184/7

Matrix: Solid

Analysis Batch: 824184

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.020		0.020	0.0084	mg/Kg			07/02/25 11:30	1
Benzene	<0.0020		0.0020	0.00063	mg/Kg			07/02/25 11:30	1
Bromodichloromethane	<0.0020		0.0020	0.00064	mg/Kg			07/02/25 11:30	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg			07/02/25 11:30	1
Bromomethane	<0.0050		0.0050	0.0025	mg/Kg			07/02/25 11:30	1
2-Butanone (MEK)	<0.0050		0.0050	0.0022	mg/Kg			07/02/25 11:30	1
Carbon disulfide	<0.0050		0.0050	0.00092	mg/Kg			07/02/25 11:30	1
Carbon tetrachloride	<0.0020		0.0020	0.00068	mg/Kg			07/02/25 11:30	1
Chlorobenzene	<0.0020		0.0020	0.00084	mg/Kg			07/02/25 11:30	1
Chloroethane	<0.0050		0.0050	0.0016	mg/Kg			07/02/25 11:30	1
Chloroform	<0.0020		0.0020	0.0014	mg/Kg			07/02/25 11:30	1
Chloromethane	<0.0050		0.0050	0.00097	mg/Kg			07/02/25 11:30	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00081	mg/Kg			07/02/25 11:30	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00080	mg/Kg			07/02/25 11:30	1
Dibromochloromethane	<0.0020		0.0020	0.00093	mg/Kg			07/02/25 11:30	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	3.5	ug/Kg			07/02/25 11:30	1
1,1-Dichloroethane	<0.0020		0.0020	0.00075	mg/Kg			07/02/25 11:30	1
1,2-Dichloroethane	<0.0050		0.0050	0.0013	mg/Kg			07/02/25 11:30	1
1,1-Dichloroethene	<0.0020		0.0020	0.00082	mg/Kg			07/02/25 11:30	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg			07/02/25 11:30	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00096	mg/Kg			07/02/25 11:30	1
Ethylbenzene	<0.0020		0.0020	0.0011	mg/Kg			07/02/25 11:30	1
2-Hexanone	<0.0050		0.0050	0.0030	mg/Kg			07/02/25 11:30	1
Methylene Chloride	<0.0050		0.0050	0.0021	mg/Kg			07/02/25 11:30	1
4-Methyl-2-pentanone (MIBK)	<0.0050		0.0050	0.0036	mg/Kg			07/02/25 11:30	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00065	mg/Kg			07/02/25 11:30	1
Styrene	<0.0020		0.0020	0.00090	mg/Kg			07/02/25 11:30	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00099	mg/Kg			07/02/25 11:30	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg			07/02/25 11:30	1
Toluene	<0.0020		0.0020	0.00040	mg/Kg			07/02/25 11:30	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00076	mg/Kg			07/02/25 11:30	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00096	mg/Kg			07/02/25 11:30	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00081	mg/Kg			07/02/25 11:30	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00075	mg/Kg			07/02/25 11:30	1
Trichloroethene	<0.0020		0.0020	0.00054	mg/Kg			07/02/25 11:30	1
Vinyl acetate	<0.0050		0.0050	0.0012	mg/Kg			07/02/25 11:30	1
Vinyl chloride	<0.0020		0.0020	0.00082	mg/Kg			07/02/25 11:30	1
Xylenes, Total	<0.0040		0.0040	0.00069	mg/Kg			07/02/25 11:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		75 - 131		07/02/25 11:30	1
Dibromofluoromethane	91		75 - 126		07/02/25 11:30	1
1,2-Dichloroethane-d4 (Surr)	90		70 - 134		07/02/25 11:30	1
Toluene-d8 (Surr)	106		75 - 124		07/02/25 11:30	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: LCS 500-824184/4

Matrix: Solid

Analysis Batch: 824184

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	0.0500	0.0338		mg/Kg		68	40 - 150
Benzene	0.0500	0.0530		mg/Kg		106	70 - 125
Bromodichloromethane	0.0500	0.0478		mg/Kg		96	67 - 129
Bromoform	0.0500	0.0408		mg/Kg		82	68 - 136
Bromomethane	0.0500	0.0500		mg/Kg		100	70 - 130
2-Butanone (MEK)	0.0500	0.0353		mg/Kg		71	47 - 138
Carbon disulfide	0.0500	0.0499		mg/Kg		100	70 - 129
Carbon tetrachloride	0.0500	0.0495		mg/Kg		99	75 - 125
Chlorobenzene	0.0500	0.0518		mg/Kg		104	50 - 150
Chloroethane	0.0500	0.0488		mg/Kg		98	75 - 125
Chloroform	0.0500	0.0487		mg/Kg		97	57 - 135
Chloromethane	0.0500	0.0436		mg/Kg		87	70 - 125
cis-1,2-Dichloroethene	0.0500	0.0530		mg/Kg		106	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0504		mg/Kg		101	70 - 125
Dibromochloromethane	0.0500	0.0457		mg/Kg		91	69 - 125
1,2-Dibromo-3-Chloropropane	50.0	47.4		ug/Kg		95	60 - 136
1,1-Dichloroethane	0.0500	0.0494		mg/Kg		99	70 - 125
1,2-Dichloroethane	0.0500	0.0450		mg/Kg		90	70 - 130
1,1-Dichloroethene	0.0500	0.0492		mg/Kg		98	70 - 120
1,2-Dichloropropane	0.0500	0.0491		mg/Kg		98	70 - 125
Ethylbenzene	0.0500	0.0509		mg/Kg		102	61 - 136
2-Hexanone	0.0500	0.0323		mg/Kg		65	48 - 146
Methylene Chloride	0.0500	0.0513		mg/Kg		103	70 - 126
4-Methyl-2-pentanone (MIBK)	0.0500	0.0338		mg/Kg		68	50 - 148
Methyl tert-butyl ether	0.0500	0.0515		mg/Kg		103	50 - 140
Styrene	0.0500	0.0493		mg/Kg		99	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0495		mg/Kg		99	70 - 122
Tetrachloroethene	0.0500	0.0490		mg/Kg		98	70 - 124
Toluene	0.0500	0.0520		mg/Kg		104	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0551		mg/Kg		110	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0484		mg/Kg		97	70 - 125
1,1,1-Trichloroethane	0.0500	0.0497		mg/Kg		99	70 - 128
1,1,2-Trichloroethane	0.0500	0.0493		mg/Kg		99	70 - 125
Trichloroethene	0.0500	0.0526		mg/Kg		105	70 - 125
Vinyl acetate	0.0500	0.0361		mg/Kg		72	40 - 153
Vinyl chloride	0.0500	0.0530		mg/Kg		106	70 - 125
Xylenes, Total	0.100	0.101		mg/Kg		101	53 - 147

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	112		75 - 131
Dibromofluoromethane	92		75 - 126
1,2-Dichloroethane-d4 (Surr)	86		70 - 134
Toluene-d8 (Surr)	105		75 - 124

QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: LCSD 500-824184/5

Matrix: Solid

Analysis Batch: 824184

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	0.0500	0.0339		mg/Kg		68	40 - 150	0	30
Benzene	0.0500	0.0553		mg/Kg		111	70 - 125	4	30
Bromodichloromethane	0.0500	0.0499		mg/Kg		100	67 - 129	4	30
Bromoform	0.0500	0.0416		mg/Kg		83	68 - 136	2	30
Bromomethane	0.0500	0.0528		mg/Kg		106	70 - 130	6	30
2-Butanone (MEK)	0.0500	0.0371		mg/Kg		74	47 - 138	5	30
Carbon disulfide	0.0500	0.0519		mg/Kg		104	70 - 129	4	30
Carbon tetrachloride	0.0500	0.0519		mg/Kg		104	75 - 125	5	30
Chlorobenzene	0.0500	0.0535		mg/Kg		107	50 - 150	3	30
Chloroethane	0.0500	0.0517		mg/Kg		103	75 - 125	6	30
Chloroform	0.0500	0.0516		mg/Kg		103	57 - 135	6	30
Chloromethane	0.0500	0.0468		mg/Kg		94	70 - 125	7	30
cis-1,2-Dichloroethene	0.0500	0.0553		mg/Kg		111	70 - 125	4	30
cis-1,3-Dichloropropene	0.0500	0.0526		mg/Kg		105	70 - 125	4	30
Dibromochloromethane	0.0500	0.0472		mg/Kg		94	69 - 125	3	30
1,2-Dibromo-3-Chloropropane	50.0	49.5		ug/Kg		99	60 - 136	4	30
1,1-Dichloroethane	0.0500	0.0518		mg/Kg		104	70 - 125	5	30
1,2-Dichloroethane	0.0500	0.0477		mg/Kg		95	70 - 130	6	30
1,1-Dichloroethene	0.0500	0.0513		mg/Kg		103	70 - 120	4	30
1,2-Dichloropropane	0.0500	0.0525		mg/Kg		105	70 - 125	7	30
Ethylbenzene	0.0500	0.0532		mg/Kg		106	61 - 136	5	30
2-Hexanone	0.0500	0.0340		mg/Kg		68	48 - 146	5	30
Methylene Chloride	0.0500	0.0537		mg/Kg		107	70 - 126	5	30
4-Methyl-2-pentanone (MIBK)	0.0500	0.0351		mg/Kg		70	50 - 148	4	30
Methyl tert-butyl ether	0.0500	0.0523		mg/Kg		105	50 - 140	2	30
Styrene	0.0500	0.0513		mg/Kg		103	70 - 125	4	30
1,1,2,2-Tetrachloroethane	0.0500	0.0499		mg/Kg		100	70 - 122	1	30
Tetrachloroethene	0.0500	0.0513		mg/Kg		103	70 - 124	5	30
Toluene	0.0500	0.0547		mg/Kg		109	70 - 125	5	30
trans-1,2-Dichloroethene	0.0500	0.0579		mg/Kg		116	70 - 125	5	30
trans-1,3-Dichloropropene	0.0500	0.0507		mg/Kg		101	70 - 125	5	30
1,1,1-Trichloroethane	0.0500	0.0530		mg/Kg		106	70 - 128	6	30
1,1,2-Trichloroethane	0.0500	0.0511		mg/Kg		102	70 - 125	4	30
Trichloroethene	0.0500	0.0562		mg/Kg		112	70 - 125	6	30
Vinyl acetate	0.0500	0.0387		mg/Kg		77	40 - 153	7	30
Vinyl chloride	0.0500	0.0563		mg/Kg		113	70 - 125	6	30
Xylenes, Total	0.100	0.106		mg/Kg		106	53 - 147	5	30

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	111		75 - 131
Dibromofluoromethane	96		75 - 126
1,2-Dichloroethane-d4 (Surr)	88		70 - 134
Toluene-d8 (Surr)	105		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: MB 500-824263/7

Matrix: Solid

Analysis Batch: 824263

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.020		0.020	0.0084	mg/Kg			07/02/25 14:30	1
Benzene	<0.0020		0.0020	0.00063	mg/Kg			07/02/25 14:30	1
Bromodichloromethane	<0.0020		0.0020	0.00064	mg/Kg			07/02/25 14:30	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg			07/02/25 14:30	1
Bromomethane	<0.0050		0.0050	0.0025	mg/Kg			07/02/25 14:30	1
2-Butanone (MEK)	<0.0050		0.0050	0.0022	mg/Kg			07/02/25 14:30	1
Carbon disulfide	<0.0050		0.0050	0.00092	mg/Kg			07/02/25 14:30	1
Carbon tetrachloride	<0.0020		0.0020	0.00068	mg/Kg			07/02/25 14:30	1
Chlorobenzene	<0.0020		0.0020	0.00084	mg/Kg			07/02/25 14:30	1
Chloroethane	<0.0050		0.0050	0.0016	mg/Kg			07/02/25 14:30	1
Chloroform	0.00221		0.0020	0.0014	mg/Kg			07/02/25 14:30	1
Chloromethane	<0.0050		0.0050	0.00097	mg/Kg			07/02/25 14:30	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00081	mg/Kg			07/02/25 14:30	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00080	mg/Kg			07/02/25 14:30	1
Dibromochloromethane	<0.0020		0.0020	0.00093	mg/Kg			07/02/25 14:30	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	3.5	ug/Kg			07/02/25 14:30	1
1,1-Dichloroethane	<0.0020		0.0020	0.00075	mg/Kg			07/02/25 14:30	1
1,2-Dichloroethane	<0.0050		0.0050	0.0013	mg/Kg			07/02/25 14:30	1
1,1-Dichloroethene	<0.0020		0.0020	0.00082	mg/Kg			07/02/25 14:30	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg			07/02/25 14:30	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00096	mg/Kg			07/02/25 14:30	1
Ethylbenzene	<0.0020		0.0020	0.0011	mg/Kg			07/02/25 14:30	1
2-Hexanone	<0.0050		0.0050	0.0030	mg/Kg			07/02/25 14:30	1
Methylene Chloride	0.00431	J	0.0050	0.0021	mg/Kg			07/02/25 14:30	1
4-Methyl-2-pentanone (MIBK)	<0.0050		0.0050	0.0036	mg/Kg			07/02/25 14:30	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00065	mg/Kg			07/02/25 14:30	1
Styrene	<0.0020		0.0020	0.00090	mg/Kg			07/02/25 14:30	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00099	mg/Kg			07/02/25 14:30	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg			07/02/25 14:30	1
Toluene	<0.0020		0.0020	0.00040	mg/Kg			07/02/25 14:30	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00076	mg/Kg			07/02/25 14:30	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00096	mg/Kg			07/02/25 14:30	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00081	mg/Kg			07/02/25 14:30	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00075	mg/Kg			07/02/25 14:30	1
Trichloroethene	<0.0020		0.0020	0.00054	mg/Kg			07/02/25 14:30	1
Vinyl acetate	<0.0050		0.0050	0.0012	mg/Kg			07/02/25 14:30	1
Vinyl chloride	<0.0020		0.0020	0.00082	mg/Kg			07/02/25 14:30	1
Xylenes, Total	<0.0040		0.0040	0.00069	mg/Kg			07/02/25 14:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		75 - 131		07/02/25 14:30	1
Dibromofluoromethane	101		75 - 126		07/02/25 14:30	1
1,2-Dichloroethane-d4 (Surr)	95		70 - 134		07/02/25 14:30	1
Toluene-d8 (Surr)	99		75 - 124		07/02/25 14:30	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: LCS 500-824263/5

Matrix: Solid

Analysis Batch: 824263

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	0.0500	0.0397		mg/Kg		79	40 - 150
Benzene	0.0500	0.0489		mg/Kg		98	70 - 125
Bromodichloromethane	0.0500	0.0447		mg/Kg		89	67 - 129
Bromoform	0.0500	0.0430		mg/Kg		86	68 - 136
Bromomethane	0.0500	0.0474		mg/Kg		95	70 - 130
2-Butanone (MEK)	0.0500	0.0431		mg/Kg		86	47 - 138
Carbon disulfide	0.0500	0.0485		mg/Kg		97	70 - 129
Carbon tetrachloride	0.0500	0.0415		mg/Kg		83	75 - 125
Chlorobenzene	0.0500	0.0458		mg/Kg		92	50 - 150
Chloroethane	0.0500	0.0438		mg/Kg		88	75 - 125
Chloroform	0.0500	0.0445		mg/Kg		89	57 - 135
Chloromethane	0.0500	0.0437		mg/Kg		87	70 - 125
cis-1,2-Dichloroethene	0.0500	0.0469		mg/Kg		94	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0485		mg/Kg		97	70 - 125
Dibromochloromethane	0.0500	0.0455		mg/Kg		91	69 - 125
1,2-Dibromo-3-Chloropropane	50.0	45.7		ug/Kg		91	60 - 136
1,1-Dichloroethane	0.0500	0.0451		mg/Kg		90	70 - 125
1,2-Dichloroethane	0.0500	0.0420		mg/Kg		84	70 - 130
1,1-Dichloroethene	0.0500	0.0467		mg/Kg		93	70 - 120
1,2-Dichloropropane	0.0500	0.0463		mg/Kg		93	70 - 125
Ethylbenzene	0.0500	0.0497		mg/Kg		99	61 - 136
2-Hexanone	0.0500	0.0451		mg/Kg		90	48 - 146
Methylene Chloride	0.0500	0.0502		mg/Kg		100	70 - 126
4-Methyl-2-pentanone (MIBK)	0.0500	0.0474		mg/Kg		95	50 - 148
Methyl tert-butyl ether	0.0500	0.0440		mg/Kg		88	50 - 140
Styrene	0.0500	0.0483		mg/Kg		97	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0526		mg/Kg		105	70 - 122
Tetrachloroethene	0.0500	0.0455		mg/Kg		91	70 - 124
Toluene	0.0500	0.0434		mg/Kg		87	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0468		mg/Kg		94	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0455		mg/Kg		91	70 - 125
1,1,1-Trichloroethane	0.0500	0.0429		mg/Kg		86	70 - 128
1,1,2-Trichloroethane	0.0500	0.0467		mg/Kg		93	70 - 125
Trichloroethene	0.0500	0.0453		mg/Kg		91	70 - 125
Vinyl acetate	0.0500	0.0514		mg/Kg		103	40 - 153
Vinyl chloride	0.0500	0.0432		mg/Kg		86	70 - 125
Xylenes, Total	0.100	0.0896		mg/Kg		90	53 - 147

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	99		75 - 131
Dibromofluoromethane	103		75 - 126
1,2-Dichloroethane-d4 (Surr)	96		70 - 134
Toluene-d8 (Surr)	103		75 - 124

QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: LCSD 500-824263/8

Matrix: Solid

Analysis Batch: 824263

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	0.0500	0.0339		mg/Kg		68	40 - 150	16	30
Benzene	0.0500	0.0459		mg/Kg		92	70 - 125	6	30
Bromodichloromethane	0.0500	0.0428		mg/Kg		86	67 - 129	4	30
Bromoform	0.0500	0.0399		mg/Kg		80	68 - 136	7	30
Bromomethane	0.0500	0.0370		mg/Kg		74	70 - 130	25	30
2-Butanone (MEK)	0.0500	0.0381		mg/Kg		76	47 - 138	12	30
Carbon disulfide	0.0500	0.0453		mg/Kg		91	70 - 129	7	30
Carbon tetrachloride	0.0500	0.0381		mg/Kg		76	75 - 125	8	30
Chlorobenzene	0.0500	0.0429		mg/Kg		86	50 - 150	6	30
Chloroethane	0.0500	0.0332	*-	mg/Kg		66	75 - 125	28	30
Chloroform	0.0500	0.0412		mg/Kg		82	57 - 135	8	30
Chloromethane	0.0500	0.0322	*-	mg/Kg		64	70 - 125	30	30
cis-1,2-Dichloroethene	0.0500	0.0441		mg/Kg		88	70 - 125	6	30
cis-1,3-Dichloropropene	0.0500	0.0449		mg/Kg		90	70 - 125	8	30
Dibromochloromethane	0.0500	0.0431		mg/Kg		86	69 - 125	5	30
1,2-Dibromo-3-Chloropropane	50.0	39.1		ug/Kg		78	60 - 136	15	30
1,1-Dichloroethane	0.0500	0.0423		mg/Kg		85	70 - 125	6	30
1,2-Dichloroethane	0.0500	0.0384		mg/Kg		77	70 - 130	9	30
1,1-Dichloroethene	0.0500	0.0435		mg/Kg		87	70 - 120	7	30
1,2-Dichloropropane	0.0500	0.0439		mg/Kg		88	70 - 125	5	30
Ethylbenzene	0.0500	0.0459		mg/Kg		92	61 - 136	8	30
2-Hexanone	0.0500	0.0420		mg/Kg		84	48 - 146	7	30
Methylene Chloride	0.0500	0.0464		mg/Kg		93	70 - 126	8	30
4-Methyl-2-pentanone (MIBK)	0.0500	0.0426		mg/Kg		85	50 - 148	11	30
Methyl tert-butyl ether	0.0500	0.0408		mg/Kg		82	50 - 140	7	30
Styrene	0.0500	0.0462		mg/Kg		92	70 - 125	4	30
1,1,1,2-Tetrachloroethane	0.0500	0.0484		mg/Kg		97	70 - 122	8	30
Tetrachloroethene	0.0500	0.0428		mg/Kg		86	70 - 124	6	30
Toluene	0.0500	0.0407		mg/Kg		81	70 - 125	7	30
trans-1,2-Dichloroethene	0.0500	0.0448		mg/Kg		90	70 - 125	5	30
trans-1,3-Dichloropropene	0.0500	0.0429		mg/Kg		86	70 - 125	6	30
1,1,1-Trichloroethane	0.0500	0.0412		mg/Kg		82	70 - 128	4	30
1,1,2-Trichloroethane	0.0500	0.0437		mg/Kg		87	70 - 125	7	30
Trichloroethene	0.0500	0.0426		mg/Kg		85	70 - 125	6	30
Vinyl acetate	0.0500	0.0467		mg/Kg		93	40 - 153	10	30
Vinyl chloride	0.0500	0.0326	*-	mg/Kg		65	70 - 125	28	30
Xylenes, Total	0.100	0.0850		mg/Kg		85	53 - 147	5	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		75 - 131
Dibromofluoromethane	101		75 - 126
1,2-Dichloroethane-d4 (Surr)	96		70 - 134
Toluene-d8 (Surr)	103		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: MB 500-824387/1-A

Matrix: Solid

Analysis Batch: 824407

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 824387

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.17		0.17	0.024	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
1,2-Dichlorobenzene	<0.17		0.17	0.014	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
1,3-Dichlorobenzene	<0.17		0.17	0.015	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
1,4-Dichlorobenzene	<0.17		0.17	0.016	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2,2'-oxybis[1-chloropropane]	<0.17		0.17	0.024	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2,4,5-Trichlorophenol	<0.33		0.33	0.013	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2,4,6-Trichlorophenol	<0.33		0.33	0.011	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2,4-Dichlorophenol	<0.33		0.33	0.012	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2,4-Dimethylphenol	<0.33		0.33	0.074	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2,4-Dinitrophenol	<0.67		0.67	0.19	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2,4-Dinitrotoluene	<0.17		0.17	0.019	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2,6-Dinitrotoluene	<0.17		0.17	0.023	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2-Chloronaphthalene	<0.17		0.17	0.012	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2-Chlorophenol	<0.17		0.17	0.011	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2-Methylnaphthalene	<0.067		0.067	0.0067	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2-Methylphenol	<0.17		0.17	0.018	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2-Nitroaniline	<0.17		0.17	0.018	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2-Nitrophenol	<0.33		0.33	0.023	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
3 & 4 Methylphenol	<0.17		0.17	0.024	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
3,3'-Dichlorobenzidine	<0.17		0.17	0.15	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
3-Nitroaniline	<0.33		0.33	0.015	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
4,6-Dinitro-2-methylphenol	<0.67		0.67	0.19	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
4-Bromophenyl phenyl ether	<0.17		0.17	0.023	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
4-Chloro-3-methylphenol	<0.33		0.33	0.028	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
4-Chloroaniline	<0.67		0.67	0.35	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
4-Chlorophenyl phenyl ether	<0.17		0.17	0.044	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
4-Nitroaniline	<0.33		0.33	0.025	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
4-Nitrophenol	<0.67		0.67	0.36	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Acenaphthene	<0.033		0.033	0.0068	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Acenaphthylene	<0.033		0.033	0.0056	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Anthracene	<0.033		0.033	0.0068	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Benzo[a]anthracene	<0.033		0.033	0.0070	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Benzo[a]pyrene	<0.033		0.033	0.032	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Benzo[b]fluoranthene	<0.033		0.033	0.032	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Benzo[g,h,i]perylene	<0.033		0.033	0.015	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Benzo[k]fluoranthene	<0.033		0.033	0.013	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Bis(2-chloroethoxy)methane	<0.17		0.17	0.012	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Bis(2-chloroethyl)ether	<0.17		0.17	0.015	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Bis(2-ethylhexyl) phthalate	<0.17		0.17	0.13	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Butyl benzyl phthalate	<0.17		0.17	0.017	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Carbazole	<0.17		0.17	0.013	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Chrysene	<0.033		0.033	0.0088	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Dibenz(a,h)anthracene	<0.033		0.033	0.033	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Dibenzofuran	<0.17		0.17	0.012	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Diethyl phthalate	<0.17		0.17	0.015	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Dimethyl phthalate	<0.17		0.17	0.0072	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Di-n-butyl phthalate	<0.17		0.17	0.011	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Di-n-octyl phthalate	<0.33		0.33	0.23	mg/Kg		07/03/25 07:15	07/03/25 14:41	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: MB 500-824387/1-A

Matrix: Solid

Analysis Batch: 824407

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 824387

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	<0.033		0.033	0.0077	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Fluorene	<0.033		0.033	0.0098	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Hexachlorobenzene	<0.067		0.067	0.0064	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Hexachlorobutadiene	<0.17		0.17	0.019	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Hexachlorocyclopentadiene	<0.67		0.67	0.35	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Hexachloroethane	<0.17		0.17	0.017	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Indeno[1,2,3-cd]pyrene	<0.033		0.033	0.032	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Isophorone	<0.17		0.17	0.017	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Naphthalene	<0.033		0.033	0.0060	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Nitrobenzene	<0.033		0.033	0.011	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
N-Nitrosodi-n-propylamine	<0.067		0.067	0.019	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
N-Nitrosodiphenylamine	<0.17		0.17	0.066	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Pentachlorophenol	<0.67		0.67	0.37	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Phenanthrene	<0.033		0.033	0.0072	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Phenol	<0.17		0.17	0.014	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Pyrene	<0.033		0.033	0.0091	mg/Kg		07/03/25 07:15	07/03/25 14:41	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	49		31 - 166	07/03/25 07:15	07/03/25 14:41	1
Phenol-d5 (Surr)	50		30 - 153	07/03/25 07:15	07/03/25 14:41	1
Nitrobenzene-d5 (Surr)	54		37 - 147	07/03/25 07:15	07/03/25 14:41	1
2-Fluorobiphenyl (Surr)	50		43 - 145	07/03/25 07:15	07/03/25 14:41	1
2,4,6-Tribromophenol (Surr)	47		31 - 143	07/03/25 07:15	07/03/25 14:41	1
Terphenyl-d14 (Surr)	54		42 - 157	07/03/25 07:15	07/03/25 14:41	1

Lab Sample ID: LCS 500-824387/2-A

Matrix: Solid

Analysis Batch: 824407

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824387

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	3.33	2.33		mg/Kg		70	49 - 100
1,2-Dichlorobenzene	3.33	2.34		mg/Kg		70	47 - 94
1,3-Dichlorobenzene	3.33	2.32		mg/Kg		69	47 - 92
1,4-Dichlorobenzene	3.33	2.32		mg/Kg		69	46 - 92
2,2'-oxybis[1-chloropropane]	3.33	2.57		mg/Kg		77	43 - 111
2,4,5-Trichlorophenol	3.33	2.62		mg/Kg		79	48 - 121
2,4,6-Trichlorophenol	3.33	2.60		mg/Kg		78	50 - 121
2,4-Dichlorophenol	3.33	2.55		mg/Kg		77	51 - 109
2,4-Dimethylphenol	3.33	2.59		mg/Kg		78	48 - 93
2,4-Dinitrophenol	6.67	5.72		mg/Kg		86	10 - 130
2,4-Dinitrotoluene	3.33	2.77		mg/Kg		83	65 - 120
2,6-Dinitrotoluene	3.33	2.66		mg/Kg		80	66 - 117
2-Chloronaphthalene	3.33	2.58		mg/Kg		77	60 - 107
2-Chlorophenol	3.33	2.51		mg/Kg		75	50 - 102
2-Methylnaphthalene	3.33	2.92		mg/Kg		88	58 - 103
2-Methylphenol	3.33	2.57		mg/Kg		77	50 - 104
2-Nitroaniline	3.33	3.06		mg/Kg		92	61 - 126
2-Nitrophenol	3.33	2.54		mg/Kg		76	41 - 114

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: LCS 500-824387/2-A

Matrix: Solid

Analysis Batch: 824407

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824387

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
3 & 4 Methylphenol	3.33	2.58		mg/Kg		78	49 - 109
3,3'-Dichlorobenzidine	3.33	2.24		mg/Kg		67	36 - 131
3-Nitroaniline	3.33	2.41		mg/Kg		72	44 - 124
4,6-Dinitro-2-methylphenol	6.67	5.76		mg/Kg		86	36 - 138
4-Bromophenyl phenyl ether	3.33	2.71		mg/Kg		81	57 - 124
4-Chloro-3-methylphenol	3.33	2.72		mg/Kg		82	57 - 113
4-Chloroaniline	3.33	2.31		mg/Kg		69	22 - 110
4-Chlorophenyl phenyl ether	3.33	2.51		mg/Kg		75	60 - 112
4-Nitroaniline	3.33	2.71		mg/Kg		81	60 - 115
4-Nitrophenol	6.67	4.37		mg/Kg		66	45 - 126
Acenaphthene	3.33	2.55		mg/Kg		76	63 - 109
Acenaphthylene	3.33	2.65		mg/Kg		79	61 - 115
Anthracene	3.33	2.84		mg/Kg		85	68 - 120
Benzo[a]anthracene	3.33	2.57		mg/Kg		77	70 - 121
Benzo[a]pyrene	3.33	2.72		mg/Kg		82	73 - 132
Benzo[b]fluoranthene	3.33	2.84		mg/Kg		85	68 - 123
Benzo[g,h,i]perylene	3.33	2.51		mg/Kg		75	65 - 126
Benzo[k]fluoranthene	3.33	2.62		mg/Kg		79	64 - 128
Bis(2-chloroethoxy)methane	3.33	2.62		mg/Kg		79	54 - 102
Bis(2-chloroethyl)ether	3.33	2.53		mg/Kg		76	49 - 99
Bis(2-ethylhexyl) phthalate	3.33	2.80		mg/Kg		84	70 - 139
Butyl benzyl phthalate	3.33	2.80		mg/Kg		84	65 - 140
Carbazole	3.33	2.87		mg/Kg		86	68 - 120
Chrysene	3.33	2.68		mg/Kg		80	70 - 123
Dibenz(a,h)anthracene	3.33	2.70		mg/Kg		81	66 - 125
Dibenzofuran	3.33	2.60		mg/Kg		78	64 - 112
Diethyl phthalate	3.33	2.73		mg/Kg		82	66 - 115
Dimethyl phthalate	3.33	2.67		mg/Kg		80	65 - 114
Di-n-butyl phthalate	3.33	2.91		mg/Kg		87	69 - 125
Di-n-octyl phthalate	3.33	2.84		mg/Kg		85	61 - 131
Fluoranthene	3.33	2.71		mg/Kg		81	66 - 123
Fluorene	3.33	2.58		mg/Kg		77	62 - 113
Hexachlorobenzene	3.33	2.72		mg/Kg		82	52 - 126
Hexachlorobutadiene	3.33	2.30		mg/Kg		69	42 - 103
Hexachlorocyclopentadiene	3.33	2.89		mg/Kg		87	10 - 100
Hexachloroethane	3.33	2.45		mg/Kg		73	45 - 95
Indeno[1,2,3-cd]pyrene	3.33	2.69		mg/Kg		81	66 - 131
Isophorone	3.33	2.63		mg/Kg		79	47 - 108
Naphthalene	3.33	2.37		mg/Kg		71	54 - 98
Nitrobenzene	3.33	2.66		mg/Kg		80	52 - 105
N-Nitrosodi-n-propylamine	3.33	2.71		mg/Kg		81	48 - 110
N-Nitrosodiphenylamine	3.33	2.82		mg/Kg		85	67 - 112
Pentachlorophenol	6.67	4.32		mg/Kg		65	32 - 128
Phenanthrene	3.33	2.74		mg/Kg		82	65 - 115
Phenol	3.33	2.56		mg/Kg		77	52 - 110
Pyrene	3.33	2.66		mg/Kg		80	71 - 128

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: LCS 500-824387/2-A

Matrix: Solid

Analysis Batch: 824407

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824387

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
2-Fluorophenol (Surr)	75		31 - 166
Phenol-d5 (Surr)	77		30 - 153
Nitrobenzene-d5 (Surr)	80		37 - 147
2-Fluorobiphenyl (Surr)	78		43 - 145
2,4,6-Tribromophenol (Surr)	75		31 - 143
Terphenyl-d14 (Surr)	82		42 - 157

Lab Sample ID: 500-270891-20 MS

Matrix: Solid

Analysis Batch: 824407

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: Total/NA

Prep Batch: 824387

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	<0.20	F1	3.99	2.58	F1	mg/Kg	☼	65	66 - 117
1,2-Dichlorobenzene	<0.20	F1	3.99	2.44	F1	mg/Kg	☼	61	62 - 110
1,3-Dichlorobenzene	<0.20		3.99	2.39		mg/Kg	☼	60	60 - 110
1,4-Dichlorobenzene	<0.20		3.99	2.47		mg/Kg	☼	62	61 - 110
2,2'-oxybis[1-chloropropane]	<0.20		3.99	2.85		mg/Kg	☼	71	40 - 124
2,4,5-Trichlorophenol	<0.39		3.99	3.09		mg/Kg	☼	77	50 - 120
2,4,6-Trichlorophenol	<0.39		3.99	3.00		mg/Kg	☼	75	57 - 120
2,4-Dichlorophenol	<0.39		3.99	2.85		mg/Kg	☼	71	58 - 120
2,4-Dimethylphenol	<0.39		3.99	3.02		mg/Kg	☼	76	60 - 110
2,4-Dinitrophenol	<0.80	F2	7.98	1.26		mg/Kg	☼	16	10 - 100
2,4-Dinitrotoluene	<0.20		3.99	3.20		mg/Kg	☼	80	69 - 124
2,6-Dinitrotoluene	<0.20		3.99	3.10		mg/Kg	☼	78	70 - 123
2-Chloronaphthalene	<0.20		3.99	3.09		mg/Kg	☼	77	69 - 114
2-Chlorophenol	<0.20		3.99	2.74		mg/Kg	☼	69	64 - 110
2-Methylnaphthalene	<0.080		3.99	3.57		mg/Kg	☼	89	69 - 112
2-Methylphenol	<0.20		3.99	2.79		mg/Kg	☼	70	60 - 120
2-Nitroaniline	<0.20		3.99	3.71		mg/Kg	☼	93	57 - 124
2-Nitrophenol	<0.39		3.99	2.85		mg/Kg	☼	71	60 - 120
3 & 4 Methylphenol	<0.20		3.99	2.85		mg/Kg	☼	71	57 - 120
3,3'-Dichlorobenzidine	<0.20		3.99	2.73		mg/Kg	☼	69	35 - 128
3-Nitroaniline	<0.39		3.99	3.19		mg/Kg	☼	80	40 - 122
4,6-Dinitro-2-methylphenol	<0.80	F2	7.98	3.35		mg/Kg	☼	42	10 - 110
4-Bromophenyl phenyl ether	<0.20		3.99	3.49		mg/Kg	☼	87	68 - 118
4-Chloro-3-methylphenol	<0.39		3.99	3.13		mg/Kg	☼	79	65 - 122
4-Chloroaniline	<0.80		3.99	2.57		mg/Kg	☼	64	30 - 150
4-Chlorophenyl phenyl ether	<0.20		3.99	2.96		mg/Kg	☼	74	62 - 119
4-Nitroaniline	<0.39		3.99	2.87		mg/Kg	☼	72	60 - 160
4-Nitrophenol	<0.80		7.98	4.64		mg/Kg	☼	58	30 - 122
Acenaphthene	<0.039		3.99	3.06		mg/Kg	☼	77	65 - 124
Acenaphthylene	<0.039		3.99	3.14		mg/Kg	☼	79	68 - 120
Anthracene	<0.039		3.99	3.47		mg/Kg	☼	87	70 - 114
Benzo[a]anthracene	0.036	J	3.99	3.21		mg/Kg	☼	79	67 - 122
Benzo[a]pyrene	<0.039		3.99	3.39		mg/Kg	☼	85	65 - 133
Benzo[b]fluoranthene	0.040		3.99	3.29		mg/Kg	☼	81	69 - 129
Benzo[g,h,i]perylene	0.025	J	3.99	2.98		mg/Kg	☼	74	72 - 131
Benzo[k]fluoranthene	<0.039		3.99	3.42		mg/Kg	☼	86	68 - 127

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: 500-270891-20 MS

Matrix: Solid

Analysis Batch: 824407

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: Total/NA

Prep Batch: 824387

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-chloroethoxy)methane	<0.20		3.99	2.98		mg/Kg	☼	75	60 - 112
Bis(2-chloroethyl)ether	<0.20		3.99	2.80		mg/Kg	☼	70	55 - 111
Bis(2-ethylhexyl) phthalate	<0.20		3.99	3.63		mg/Kg	☼	91	72 - 131
Butyl benzyl phthalate	<0.20		3.99	3.66		mg/Kg	☼	92	71 - 129
Carbazole	<0.20		3.99	3.44		mg/Kg	☼	86	65 - 142
Chrysene	0.048		3.99	3.38		mg/Kg	☼	84	63 - 120
Dibenz(a,h)anthracene	<0.039		3.99	3.36		mg/Kg	☼	84	64 - 131
Dibenzofuran	<0.20		3.99	3.14		mg/Kg	☼	79	66 - 115
Diethyl phthalate	<0.20		3.99	3.27		mg/Kg	☼	82	58 - 120
Dimethyl phthalate	<0.20		3.99	3.23		mg/Kg	☼	81	69 - 116
Di-n-butyl phthalate	<0.20		3.99	3.68		mg/Kg	☼	92	65 - 120
Di-n-octyl phthalate	<0.39		3.99	3.29		mg/Kg	☼	82	68 - 134
Fluoranthene	0.053		3.99	3.15		mg/Kg	☼	78	62 - 120
Fluorene	<0.039		3.99	3.07		mg/Kg	☼	77	62 - 120
Hexachlorobenzene	<0.080		3.99	3.39		mg/Kg	☼	85	63 - 124
Hexachlorobutadiene	<0.20		3.99	2.49		mg/Kg	☼	62	56 - 120
Hexachlorocyclopentadiene	<0.80	F2	3.99	0.625	J	mg/Kg	☼	16	10 - 133
Hexachloroethane	<0.20	F1	3.99	2.34	F1	mg/Kg	☼	59	60 - 114
Indeno[1,2,3-cd]pyrene	<0.039		3.99	3.27		mg/Kg	☼	82	68 - 130
Isophorone	<0.20		3.99	3.01		mg/Kg	☼	76	55 - 110
Naphthalene	<0.039		3.99	2.66		mg/Kg	☼	67	63 - 110
Nitrobenzene	<0.039		3.99	3.01		mg/Kg	☼	75	60 - 116
N-Nitrosodi-n-propylamine	<0.080		3.99	2.98		mg/Kg	☼	75	56 - 118
N-Nitrosodiphenylamine	<0.20		3.99	3.62		mg/Kg	☼	91	65 - 112
Pentachlorophenol	<0.80		7.98	3.93		mg/Kg	☼	49	13 - 112
Phenanthrene	0.039		3.99	3.42		mg/Kg	☼	85	62 - 120
Phenol	<0.20		3.99	2.86		mg/Kg	☼	72	56 - 122
Pyrene	0.060		3.99	3.50		mg/Kg	☼	86	61 - 128

Surrogate	MS %Recovery	MS Qualifier	Limits
2-Fluorophenol (Surr)	71		31 - 166
Phenol-d5 (Surr)	71		30 - 153
Nitrobenzene-d5 (Surr)	77		37 - 147
2-Fluorobiphenyl (Surr)	79		43 - 145
2,4,6-Tribromophenol (Surr)	68		31 - 143
Terphenyl-d14 (Surr)	89		42 - 157

Lab Sample ID: 500-270891-20 MSD

Matrix: Solid

Analysis Batch: 824407

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: Total/NA

Prep Batch: 824387

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	<0.20	F1	4.04	3.04		mg/Kg	☼	75	66 - 117	16	30
1,2-Dichlorobenzene	<0.20	F1	4.04	2.96		mg/Kg	☼	73	62 - 110	19	30
1,3-Dichlorobenzene	<0.20		4.04	2.92		mg/Kg	☼	72	60 - 110	20	30
1,4-Dichlorobenzene	<0.20		4.04	2.94		mg/Kg	☼	73	61 - 110	18	30
2,2'-oxybis[1-chloropropane]	<0.20		4.04	3.38		mg/Kg	☼	84	40 - 124	17	30
2,4,5-Trichlorophenol	<0.39		4.04	3.26		mg/Kg	☼	81	50 - 120	5	30

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: 500-270891-20 MSD

Matrix: Solid

Analysis Batch: 824407

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: Total/NA

Prep Batch: 824387

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,6-Trichlorophenol	<0.39		4.04	3.20		mg/Kg	✱	79	57 - 120	6	30
2,4-Dichlorophenol	<0.39		4.04	3.16		mg/Kg	✱	78	58 - 120	10	30
2,4-Dimethylphenol	<0.39		4.04	3.22		mg/Kg	✱	80	60 - 110	6	30
2,4-Dinitrophenol	<0.80	F2	8.09	3.51	F2	mg/Kg	✱	43	10 - 100	95	30
2,4-Dinitrotoluene	<0.20		4.04	3.27		mg/Kg	✱	81	69 - 124	2	30
2,6-Dinitrotoluene	<0.20		4.04	3.34		mg/Kg	✱	82	70 - 123	7	30
2-Chloronaphthalene	<0.20		4.04	3.38		mg/Kg	✱	84	69 - 114	9	30
2-Chlorophenol	<0.20		4.04	3.19		mg/Kg	✱	79	64 - 110	15	30
2-Methylnaphthalene	<0.080		4.04	4.34		mg/Kg	✱	107	69 - 112	20	30
2-Methylphenol	<0.20		4.04	3.16		mg/Kg	✱	78	60 - 120	13	30
2-Nitroaniline	<0.20		4.04	4.03		mg/Kg	✱	100	57 - 124	8	30
2-Nitrophenol	<0.39		4.04	3.27		mg/Kg	✱	81	60 - 120	14	30
3 & 4 Methylphenol	<0.20		4.04	3.15		mg/Kg	✱	78	57 - 120	10	30
3,3'-Dichlorobenzidine	<0.20		4.04	3.04		mg/Kg	✱	75	35 - 128	11	30
3-Nitroaniline	<0.39		4.04	3.19		mg/Kg	✱	79	40 - 122	0	30
4,6-Dinitro-2-methylphenol	<0.80	F2	8.09	4.77	F2	mg/Kg	✱	59	10 - 110	35	30
4-Bromophenyl phenyl ether	<0.20		4.04	3.73		mg/Kg	✱	92	68 - 118	7	30
4-Chloro-3-methylphenol	<0.39		4.04	3.34		mg/Kg	✱	83	65 - 122	6	30
4-Chloroaniline	<0.80		4.04	2.72		mg/Kg	✱	67	30 - 150	6	30
4-Chlorophenyl phenyl ether	<0.20		4.04	3.12		mg/Kg	✱	77	62 - 119	5	30
4-Nitroaniline	<0.39		4.04	2.96		mg/Kg	✱	73	60 - 160	3	30
4-Nitrophenol	<0.80		8.09	4.17		mg/Kg	✱	52	30 - 122	11	30
Acenaphthene	<0.039		4.04	3.26		mg/Kg	✱	81	65 - 124	6	30
Acenaphthylene	<0.039		4.04	3.43		mg/Kg	✱	85	68 - 120	9	30
Anthracene	<0.039		4.04	3.65		mg/Kg	✱	90	70 - 114	5	30
Benzo[a]anthracene	0.036	J	4.04	3.31		mg/Kg	✱	81	67 - 122	3	30
Benzo[a]pyrene	<0.039		4.04	3.55		mg/Kg	✱	88	65 - 133	5	30
Benzo[b]fluoranthene	0.040		4.04	3.41		mg/Kg	✱	83	69 - 129	3	30
Benzo[g,h,i]perylene	0.025	J	4.04	3.15		mg/Kg	✱	77	72 - 131	6	30
Benzo[k]fluoranthene	<0.039		4.04	3.56		mg/Kg	✱	88	68 - 127	4	30
Bis(2-chloroethoxy)methane	<0.20		4.04	3.31		mg/Kg	✱	82	60 - 112	10	30
Bis(2-chloroethyl)ether	<0.20		4.04	3.25		mg/Kg	✱	80	55 - 111	15	30
Bis(2-ethylhexyl) phthalate	<0.20		4.04	3.81		mg/Kg	✱	94	72 - 131	5	30
Butyl benzyl phthalate	<0.20		4.04	3.85		mg/Kg	✱	95	71 - 129	5	30
Carbazole	<0.20		4.04	3.56		mg/Kg	✱	88	65 - 142	3	30
Chrysene	0.048		4.04	3.45		mg/Kg	✱	84	63 - 120	2	30
Dibenz(a,h)anthracene	<0.039		4.04	3.45		mg/Kg	✱	85	64 - 131	3	30
Dibenzofuran	<0.20		4.04	3.32		mg/Kg	✱	82	66 - 115	6	30
Diethyl phthalate	<0.20		4.04	3.41		mg/Kg	✱	84	58 - 120	4	30
Dimethyl phthalate	<0.20		4.04	3.41		mg/Kg	✱	84	69 - 116	6	30
Di-n-butyl phthalate	<0.20		4.04	3.84		mg/Kg	✱	95	65 - 120	4	30
Di-n-octyl phthalate	<0.39		4.04	3.33		mg/Kg	✱	82	68 - 134	1	30
Fluoranthene	0.053		4.04	3.30		mg/Kg	✱	80	62 - 120	5	30
Fluorene	<0.039		4.04	3.22		mg/Kg	✱	80	62 - 120	5	30
Hexachlorobenzene	<0.080		4.04	3.65		mg/Kg	✱	90	63 - 124	7	30
Hexachlorobutadiene	<0.20		4.04	2.99		mg/Kg	✱	74	56 - 120	18	30
Hexachlorocyclopentadiene	<0.80	F2	4.04	1.26	F2	mg/Kg	✱	31	10 - 133	67	30
Hexachloroethane	<0.20	F1	4.04	2.94		mg/Kg	✱	73	60 - 114	23	30
Indeno[1,2,3-cd]pyrene	<0.039		4.04	3.40		mg/Kg	✱	84	68 - 130	4	30

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: 500-270891-20 MSD

Matrix: Solid

Analysis Batch: 824407

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: Total/NA

Prep Batch: 824387

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Isophorone	<0.20		4.04	3.39		mg/Kg	☼	84	55 - 110	12	30
Naphthalene	<0.039		4.04	3.08		mg/Kg	☼	76	63 - 110	14	30
Nitrobenzene	<0.039		4.04	3.54		mg/Kg	☼	87	60 - 116	16	30
N-Nitrosodi-n-propylamine	<0.080		4.04	3.43		mg/Kg	☼	85	56 - 118	14	30
N-Nitrosodiphenylamine	<0.20		4.04	3.85		mg/Kg	☼	95	65 - 112	6	30
Pentachlorophenol	<0.80		8.09	4.17		mg/Kg	☼	52	13 - 112	6	30
Phenanthrene	0.039		4.04	3.57		mg/Kg	☼	87	62 - 120	4	30
Phenol	<0.20		4.04	3.30		mg/Kg	☼	81	56 - 122	14	30
Pyrene	0.060		4.04	3.62		mg/Kg	☼	88	61 - 128	3	30

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
2-Fluorophenol (Surr)	80		31 - 166
Phenol-d5 (Surr)	79		30 - 153
Nitrobenzene-d5 (Surr)	87		37 - 147
2-Fluorobiphenyl (Surr)	87		43 - 145
2,4,6-Tribromophenol (Surr)	70		31 - 143
Terphenyl-d14 (Surr)	94		42 - 157

Lab Sample ID: MB 500-824905/1-A

Matrix: Solid

Analysis Batch: 824983

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 824905

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.17		0.17	0.024	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
1,2-Dichlorobenzene	<0.17		0.17	0.014	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
1,3-Dichlorobenzene	<0.17		0.17	0.015	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
1,4-Dichlorobenzene	<0.17		0.17	0.016	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2,2'-oxybis[1-chloropropane]	<0.17		0.17	0.024	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2,4,5-Trichlorophenol	<0.33		0.33	0.013	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2,4,6-Trichlorophenol	<0.33		0.33	0.011	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2,4-Dichlorophenol	<0.33		0.33	0.012	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2,4-Dimethylphenol	<0.33		0.33	0.074	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2,4-Dinitrophenol	<0.67		0.67	0.19	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2,4-Dinitrotoluene	<0.17		0.17	0.019	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2,6-Dinitrotoluene	<0.17		0.17	0.023	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2-Chloronaphthalene	<0.17		0.17	0.012	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2-Chlorophenol	<0.17		0.17	0.011	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2-Methylnaphthalene	<0.067		0.067	0.0067	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2-Methylphenol	<0.17		0.17	0.018	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2-Nitroaniline	<0.17		0.17	0.018	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2-Nitrophenol	<0.33		0.33	0.023	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
3 & 4 Methylphenol	<0.17		0.17	0.024	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
3,3'-Dichlorobenzidine	<0.17		0.17	0.15	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
3-Nitroaniline	<0.33		0.33	0.015	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
4,6-Dinitro-2-methylphenol	<0.67		0.67	0.19	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
4-Bromophenyl phenyl ether	<0.17		0.17	0.023	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
4-Chloro-3-methylphenol	<0.33		0.33	0.028	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
4-Chloroaniline	<0.67		0.67	0.35	mg/Kg		07/08/25 14:13	07/09/25 11:48	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: MB 500-824905/1-A

Matrix: Solid

Analysis Batch: 824983

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 824905

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	<0.17		0.17	0.044	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
4-Nitroaniline	<0.33		0.33	0.025	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
4-Nitrophenol	<0.67		0.67	0.36	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Acenaphthene	<0.033		0.033	0.0068	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Acenaphthylene	<0.033		0.033	0.0056	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Anthracene	<0.033		0.033	0.0068	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Benzo[a]anthracene	<0.033		0.033	0.0070	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Benzo[a]pyrene	<0.033		0.033	0.032	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Benzo[b]fluoranthene	<0.033		0.033	0.032	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Benzo[g,h,i]perylene	<0.033		0.033	0.015	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Benzo[k]fluoranthene	<0.033		0.033	0.013	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Bis(2-chloroethoxy)methane	<0.17		0.17	0.012	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Bis(2-chloroethyl)ether	<0.17		0.17	0.015	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Bis(2-ethylhexyl) phthalate	<0.17		0.17	0.13	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Butyl benzyl phthalate	<0.17		0.17	0.017	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Carbazole	<0.17		0.17	0.013	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Chrysene	<0.033		0.033	0.0088	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Dibenz(a,h)anthracene	<0.033		0.033	0.033	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Dibenzofuran	<0.17		0.17	0.012	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Diethyl phthalate	0.0341	J	0.17	0.015	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Dimethyl phthalate	<0.17		0.17	0.0072	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Di-n-butyl phthalate	<0.17		0.17	0.011	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Di-n-octyl phthalate	<0.33		0.33	0.23	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Fluoranthene	<0.033		0.033	0.0077	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Fluorene	<0.033		0.033	0.0098	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Hexachlorobenzene	<0.067		0.067	0.0064	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Hexachlorobutadiene	<0.17		0.17	0.019	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Hexachlorocyclopentadiene	<0.67		0.67	0.35	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Hexachloroethane	<0.17		0.17	0.017	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Indeno[1,2,3-cd]pyrene	<0.033		0.033	0.032	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Isophorone	<0.17		0.17	0.017	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Naphthalene	<0.033		0.033	0.0060	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Nitrobenzene	<0.033		0.033	0.011	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
N-Nitrosodi-n-propylamine	<0.067		0.067	0.019	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
N-Nitrosodiphenylamine	<0.17		0.17	0.066	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Pentachlorophenol	<0.67		0.67	0.37	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Phenanthrene	<0.033		0.033	0.0072	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Phenol	<0.17		0.17	0.014	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Pyrene	<0.033		0.033	0.0091	mg/Kg		07/08/25 14:13	07/09/25 11:48	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	81		31 - 166	07/08/25 14:13	07/09/25 11:48	1
Phenol-d5 (Surr)	82		30 - 153	07/08/25 14:13	07/09/25 11:48	1
Nitrobenzene-d5 (Surr)	89		37 - 147	07/08/25 14:13	07/09/25 11:48	1
2-Fluorobiphenyl (Surr)	86		43 - 145	07/08/25 14:13	07/09/25 11:48	1
2,4,6-Tribromophenol (Surr)	82		31 - 143	07/08/25 14:13	07/09/25 11:48	1
Terphenyl-d14 (Surr)	91		42 - 157	07/08/25 14:13	07/09/25 11:48	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: LCS 500-824905/2-A

Matrix: Solid

Analysis Batch: 824983

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824905

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec Limits
	Added	Result	Qualifier				
1,2,4-Trichlorobenzene	3.33	2.49		mg/Kg		75	49 - 100
1,2-Dichlorobenzene	3.33	2.49		mg/Kg		75	47 - 94
1,3-Dichlorobenzene	3.33	2.44		mg/Kg		73	47 - 92
1,4-Dichlorobenzene	3.33	2.42		mg/Kg		73	46 - 92
2,2'-oxybis[1-chloropropane]	3.33	2.72		mg/Kg		82	43 - 111
2,4,5-Trichlorophenol	3.33	2.83		mg/Kg		85	48 - 121
2,4,6-Trichlorophenol	3.33	2.66		mg/Kg		80	50 - 121
2,4-Dichlorophenol	3.33	2.74		mg/Kg		82	51 - 109
2,4-Dimethylphenol	3.33	2.80		mg/Kg		84	48 - 93
2,4-Dinitrophenol	6.67	6.41		mg/Kg		96	10 - 130
2,4-Dinitrotoluene	3.33	3.03		mg/Kg		91	65 - 120
2,6-Dinitrotoluene	3.33	2.88		mg/Kg		86	66 - 117
2-Chloronaphthalene	3.33	2.74		mg/Kg		82	60 - 107
2-Chlorophenol	3.33	2.69		mg/Kg		81	50 - 102
2-Methylnaphthalene	3.33	3.38		mg/Kg		102	58 - 103
2-Methylphenol	3.33	2.69		mg/Kg		81	50 - 104
2-Nitroaniline	3.33	3.38		mg/Kg		101	61 - 126
2-Nitrophenol	3.33	2.70		mg/Kg		81	41 - 114
3 & 4 Methylphenol	3.33	2.70		mg/Kg		81	49 - 109
3,3'-Dichlorobenzidine	3.33	2.49		mg/Kg		75	36 - 131
3-Nitroaniline	3.33	2.73		mg/Kg		82	44 - 124
4,6-Dinitro-2-methylphenol	6.67	6.35		mg/Kg		95	36 - 138
4-Bromophenyl phenyl ether	3.33	2.99		mg/Kg		90	57 - 124
4-Chloro-3-methylphenol	3.33	2.96		mg/Kg		89	57 - 113
4-Chloroaniline	3.33	2.50		mg/Kg		75	22 - 110
4-Chlorophenyl phenyl ether	3.33	2.71		mg/Kg		81	60 - 112
4-Nitroaniline	3.33	2.93		mg/Kg		88	60 - 115
4-Nitrophenol	6.67	4.46		mg/Kg		67	45 - 126
Acenaphthene	3.33	2.74		mg/Kg		82	63 - 109
Acenaphthylene	3.33	2.82		mg/Kg		84	61 - 115
Anthracene	3.33	3.12		mg/Kg		94	68 - 120
Benzo[a]anthracene	3.33	2.82		mg/Kg		85	70 - 121
Benzo[a]pyrene	3.33	2.97		mg/Kg		89	73 - 132
Benzo[b]fluoranthene	3.33	3.08		mg/Kg		92	68 - 123
Benzo[g,h,i]perylene	3.33	2.78		mg/Kg		83	65 - 126
Benzo[k]fluoranthene	3.33	2.93		mg/Kg		88	64 - 128
Bis(2-chloroethoxy)methane	3.33	2.76		mg/Kg		83	54 - 102
Bis(2-chloroethyl)ether	3.33	2.65		mg/Kg		80	49 - 99
Bis(2-ethylhexyl) phthalate	3.33	3.01		mg/Kg		90	70 - 139
Butyl benzyl phthalate	3.33	2.98		mg/Kg		89	65 - 140
Carbazole	3.33	3.14		mg/Kg		94	68 - 120
Chrysene	3.33	2.86		mg/Kg		86	70 - 123
Dibenz(a,h)anthracene	3.33	2.99		mg/Kg		90	66 - 125
Dibenzofuran	3.33	2.84		mg/Kg		85	64 - 112
Diethyl phthalate	3.33	3.00		mg/Kg		90	66 - 115
Dimethyl phthalate	3.33	2.93		mg/Kg		88	65 - 114
Di-n-butyl phthalate	3.33	3.18		mg/Kg		96	69 - 125
Di-n-octyl phthalate	3.33	3.14		mg/Kg		94	61 - 131

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: LCS 500-824905/2-A

Matrix: Solid

Analysis Batch: 824983

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824905

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoranthene	3.33	3.00		mg/Kg		90	66 - 123
Fluorene	3.33	2.82		mg/Kg		84	62 - 113
Hexachlorobenzene	3.33	3.03		mg/Kg		91	52 - 126
Hexachlorobutadiene	3.33	2.45		mg/Kg		74	42 - 103
Hexachlorocyclopentadiene	3.33	2.73		mg/Kg		82	10 - 100
Hexachloroethane	3.33	2.56		mg/Kg		77	45 - 95
Indeno[1,2,3-cd]pyrene	3.33	2.94		mg/Kg		88	66 - 131
Isophorone	3.33	2.78		mg/Kg		83	47 - 108
Naphthalene	3.33	2.53		mg/Kg		76	54 - 98
Nitrobenzene	3.33	2.85		mg/Kg		85	52 - 105
N-Nitrosodi-n-propylamine	3.33	2.91		mg/Kg		87	48 - 110
N-Nitrosodiphenylamine	3.33	3.15		mg/Kg		94	67 - 112
Pentachlorophenol	6.67	4.51		mg/Kg		68	32 - 128
Phenanthrene	3.33	3.03		mg/Kg		91	65 - 115
Phenol	3.33	2.80		mg/Kg		84	52 - 110
Pyrene	3.33	2.89		mg/Kg		87	71 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorophenol (Surr)	79		31 - 166
Phenol-d5 (Surr)	80		30 - 153
Nitrobenzene-d5 (Surr)	85		37 - 147
2-Fluorobiphenyl (Surr)	83		43 - 145
2,4,6-Tribromophenol (Surr)	81		31 - 143
Terphenyl-d14 (Surr)	90		42 - 157

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 500-824432/1-A

Matrix: Solid

Analysis Batch: 825017

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 824432

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.0		2.0	0.39	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Arsenic	<1.0		1.0	0.34	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Barium	0.269	J	1.0	0.11	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Beryllium	<0.40		0.40	0.093	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Boron	1.01	J	5.0	0.47	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Cadmium	<0.20		0.20	0.036	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Chromium	<1.0		1.0	0.50	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Cobalt	<0.50		0.50	0.13	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Copper	<1.0		1.0	0.28	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Iron	18.7	J	20	10	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Lead	<0.50		0.50	0.23	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Magnesium	<10		10	5.0	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Manganese	<1.0		1.0	0.15	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Nickel	<1.0		1.0	0.29	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Selenium	<1.0		1.0	0.59	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Silver	<0.50		0.50	0.13	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Thallium	<1.0		1.0	0.50	mg/Kg		07/03/25 08:52	07/08/25 20:40	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: MB 500-824432/1-A
Matrix: Solid
Analysis Batch: 825017

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 824432

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	<0.50		0.50	0.12	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Zinc	<2.0		2.0	0.88	mg/Kg		07/03/25 08:52	07/08/25 20:40	1

Lab Sample ID: LCS 500-824432/2-A
Matrix: Solid
Analysis Batch: 825017

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 824432

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	50.0	49.2		mg/Kg		98	80 - 120
Arsenic	10.0	9.62		mg/Kg		96	80 - 120
Barium	200	214		mg/Kg		107	80 - 120
Beryllium	5.00	4.87		mg/Kg		97	80 - 120
Boron	100	92.1		mg/Kg		92	80 - 120
Cadmium	5.00	4.85		mg/Kg		97	80 - 120
Chromium	20.0	21.1		mg/Kg		106	80 - 120
Cobalt	50.0	49.5		mg/Kg		99	80 - 120
Copper	25.0	25.4		mg/Kg		102	80 - 120
Iron	100	102		mg/Kg		102	80 - 120
Lead	10.0	10.4		mg/Kg		104	80 - 120
Magnesium	1000	970		mg/Kg		97	80 - 120
Manganese	50.0	45.1		mg/Kg		90	80 - 120
Nickel	50.0	51.2		mg/Kg		102	80 - 120
Selenium	10.0	9.09		mg/Kg		91	80 - 120
Silver	5.00	4.44		mg/Kg		89	80 - 120
Thallium	10.0	10.3		mg/Kg		103	80 - 120
Vanadium	50.0	51.1		mg/Kg		102	80 - 120
Zinc	50.0	52.1		mg/Kg		104	80 - 120

Lab Sample ID: 500-270891-1 MS
Matrix: Solid
Analysis Batch: 825017

Client Sample ID: 3055V-179-B01 (0-1)
Prep Type: Total/NA
Prep Batch: 824432

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<1.2	F1	30.7	7.28	F1	mg/Kg	☼	24	75 - 125
Arsenic	5.8		6.15	11.4		mg/Kg	☼	92	75 - 125
Barium	51	B	123	168		mg/Kg	☼	95	75 - 125
Beryllium	0.75		3.07	3.32		mg/Kg	☼	84	75 - 125
Boron	18	B	61.5	66.8		mg/Kg	☼	80	75 - 125
Cadmium	0.24	F1	3.07	2.49	F1	mg/Kg	☼	73	75 - 125
Chromium	24	F1	12.3	40.0	F1	mg/Kg	☼	127	75 - 125
Cobalt	14		30.7	44.9		mg/Kg	☼	102	75 - 125
Copper	31	F2 F1	15.4	45.1		mg/Kg	☼	89	75 - 125
Iron	19000	B	61.5	22300	4	mg/Kg	☼	4799	75 - 125
Lead	47	F2	6.15	41.5	4	mg/Kg	☼	-85	75 - 125
Magnesium	9400		615	9640	4	mg/Kg	☼	38	75 - 125
Manganese	210		30.7	195	4	mg/Kg	☼	-60	75 - 125
Nickel	41		30.7	75.0		mg/Kg	☼	111	75 - 125
Selenium	<0.58	F1	6.15	4.28	F1	mg/Kg	☼	70	75 - 125
Silver	<0.29	F1	3.07	1.87	F1	mg/Kg	☼	61	75 - 125

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: 500-270891-1 MS

Matrix: Solid

Analysis Batch: 825017

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: Total/NA

Prep Batch: 824432

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Thallium	0.81		6.15	6.78		mg/Kg	⚡	97	75 - 125
Vanadium	28		30.7	61.6		mg/Kg	⚡	111	75 - 125
Zinc	79	F1	30.7	117		mg/Kg	⚡	123	75 - 125

Lab Sample ID: 500-270891-1 MSD

Matrix: Solid

Analysis Batch: 825017

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: Total/NA

Prep Batch: 824432

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<1.2	F1	29.9	7.32	F1	mg/Kg	⚡	24	75 - 125	1	20
Arsenic	5.8		5.98	10.9		mg/Kg	⚡	85	75 - 125	5	20
Barium	51	B	120	166		mg/Kg	⚡	96	75 - 125	1	20
Beryllium	0.75		2.99	3.32		mg/Kg	⚡	86	75 - 125	0	20
Boron	18	B	59.8	67.0		mg/Kg	⚡	82	75 - 125	0	20
Cadmium	0.24	F1	2.99	2.49		mg/Kg	⚡	75	75 - 125	0	20
Chromium	24	F1	12.0	39.3		mg/Kg	⚡	124	75 - 125	2	20
Cobalt	14		29.9	43.9		mg/Kg	⚡	101	75 - 125	2	20
Copper	31	F2 F1	15.0	56.4	F1 F2	mg/Kg	⚡	167	75 - 125	22	20
Iron	19000	B	59.8	21500	4	mg/Kg	⚡	3622	75 - 125	4	20
Lead	47	F2	5.98	111	4 F2	mg/Kg	⚡	1068	75 - 125	91	20
Magnesium	9400		598	9150	4	mg/Kg	⚡	-42	75 - 125	5	20
Manganese	210		29.9	186	4	mg/Kg	⚡	-90	75 - 125	5	20
Nickel	41		29.9	72.3		mg/Kg	⚡	105	75 - 125	4	20
Selenium	<0.58	F1	5.98	4.11	F1	mg/Kg	⚡	69	75 - 125	4	20
Silver	<0.29	F1	2.99	1.91	F1	mg/Kg	⚡	64	75 - 125	2	20
Thallium	0.81		5.98	6.35		mg/Kg	⚡	93	75 - 125	7	20
Vanadium	28		29.9	59.0		mg/Kg	⚡	105	75 - 125	4	20
Zinc	79	F1	29.9	135	F1	mg/Kg	⚡	186	75 - 125	14	20

Lab Sample ID: 500-270891-1 DU

Matrix: Solid

Analysis Batch: 825017

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: Total/NA

Prep Batch: 824432

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<1.2	F1	<1.2		mg/Kg	⚡	NC	20
Arsenic	5.8		4.54	F3	mg/Kg	⚡	24	20
Barium	51	B	55.4		mg/Kg	⚡	8	20
Beryllium	0.75		0.677		mg/Kg	⚡	10	20
Boron	18	B	19.0		mg/Kg	⚡	6	20
Cadmium	0.24	F1	0.137	F5	mg/Kg	⚡	55	20
Chromium	24	F1	26.6		mg/Kg	⚡	9	20
Cobalt	14		14.0		mg/Kg	⚡	2	20
Copper	31	F2 F1	25.3	F3	mg/Kg	⚡	22	20
Iron	19000	B	20000		mg/Kg	⚡	3	20
Lead	47	F2	14.6	F3	mg/Kg	⚡	105	20
Magnesium	9400		9360		mg/Kg	⚡	0.5	20
Manganese	210		178		mg/Kg	⚡	18	20
Nickel	41		42.3		mg/Kg	⚡	3	20
Selenium	<0.58	F1	<0.58		mg/Kg	⚡	NC	20

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: 500-270891-1 DU

Matrix: Solid

Analysis Batch: 825017

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: Total/NA

Prep Batch: 824432

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Silver	<0.29	F1	<0.29		mg/Kg	✖	NC	20
Thallium	0.81		0.854		mg/Kg	✖	6	20
Vanadium	28		27.6		mg/Kg	✖	0.4	20
Zinc	79	F1	75.8		mg/Kg	✖	5	20

Lab Sample ID: LCS 500-824919/16-A

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824919

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.0900		mg/L		90	80 - 120
Barium	0.500	0.482		mg/L		96	80 - 120
Beryllium	0.0500	0.0476		mg/L		95	80 - 120
Boron	1.00	0.894		mg/L		89	80 - 120
Cadmium	0.0500	0.0478		mg/L		96	80 - 120
Chromium	0.200	0.185		mg/L		93	80 - 120
Cobalt	0.500	0.490		mg/L		98	80 - 120
Copper	0.250	0.228		mg/L		91	80 - 120
Iron	1.00	0.970		mg/L		97	80 - 120
Lead	0.100	0.101		mg/L		101	80 - 120
Manganese	0.500	0.476		mg/L		95	80 - 120
Nickel	0.500	0.495		mg/L		99	80 - 120
Selenium	0.100	0.0962		mg/L		96	80 - 120
Silver	0.0500	0.0462		mg/L		92	80 - 120
Vanadium	0.500	0.445		mg/L		89	80 - 120
Zinc	0.500	0.470	J	mg/L		94	80 - 120

Lab Sample ID: LCS 500-824919/2-A

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824919

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.0935		mg/L		94	80 - 120
Barium	0.500	0.481		mg/L		96	80 - 120
Beryllium	0.0500	0.0482		mg/L		96	80 - 120
Cadmium	0.0500	0.0506		mg/L		101	80 - 120
Chromium	0.200	0.200		mg/L		100	80 - 120
Cobalt	0.500	0.518		mg/L		104	80 - 120
Copper	0.250	0.275		mg/L		110	80 - 120
Iron	1.00	0.952		mg/L		95	80 - 120
Lead	0.100	0.100		mg/L		100	80 - 120
Manganese	0.500	0.474		mg/L		95	80 - 120
Nickel	0.500	0.519		mg/L		104	80 - 120
Selenium	0.100	0.106		mg/L		106	80 - 120
Silver	0.0500	0.0528		mg/L		106	80 - 120
Vanadium	0.500	0.546		mg/L		109	80 - 120
Zinc	0.500	0.539		mg/L		108	80 - 120

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: LCS 500-824919/2-A

Matrix: Solid

Analysis Batch: 825354

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824919

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.991		mg/L		99	80 - 120

Lab Sample ID: LCS 500-824920/2-A

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824920

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	0.0500	0.0485		mg/L		97	80 - 120
Iron	1.00	0.944		mg/L		94	80 - 120
Lead	0.100	0.103		mg/L		103	80 - 120
Manganese	0.500	0.480		mg/L		96	80 - 120
Nickel	0.500	0.504		mg/L		101	80 - 120

Lab Sample ID: LCS 500-825103/2-A

Matrix: Solid

Analysis Batch: 825353

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 825103

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.103		mg/L		103	80 - 120
Barium	0.500	0.505		mg/L		101	80 - 120
Beryllium	0.0500	0.0531		mg/L		106	80 - 120
Boron	1.00	0.997		mg/L		100	80 - 120
Cadmium	0.0500	0.0496		mg/L		99	80 - 120
Chromium	0.200	0.203		mg/L		102	80 - 120
Cobalt	0.500	0.527		mg/L		105	80 - 120
Copper	0.250	0.246		mg/L		98	80 - 120
Iron	1.00	1.01		mg/L		101	80 - 120
Lead	0.100	0.109		mg/L		109	80 - 120
Manganese	0.500	0.503		mg/L		101	80 - 120
Nickel	0.500	0.524		mg/L		105	80 - 120
Selenium	0.100	0.0914		mg/L		91	80 - 120
Silver	0.0500	0.0496		mg/L		99	80 - 120
Vanadium	0.500	0.501		mg/L		100	80 - 120
Zinc	0.500	0.498	J	mg/L		100	80 - 120

Lab Sample ID: LCS 500-825298/2-A

Matrix: Solid

Analysis Batch: 825584

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 825298

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.104		mg/L		104	80 - 120
Barium	0.500	0.492		mg/L		98	80 - 120
Beryllium	0.0500	0.0499		mg/L		100	80 - 120
Boron	1.00	0.934		mg/L		93	80 - 120
Cadmium	0.0500	0.0493		mg/L		99	80 - 120
Chromium	0.200	0.199		mg/L		100	80 - 120
Cobalt	0.500	0.534		mg/L		107	80 - 120
Copper	0.250	0.245		mg/L		98	80 - 120
Iron	1.00	1.04		mg/L		104	80 - 120

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: LCS 500-825298/2-A

Matrix: Solid

Analysis Batch: 825584

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 825298

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
	Added	Result	Qualifier				Limits
Lead	0.100	0.108		mg/L		108	80 - 120
Manganese	0.500	0.477		mg/L		95	80 - 120
Nickel	0.500	0.515		mg/L		103	80 - 120
Selenium	0.100	0.107		mg/L		107	80 - 120
Silver	0.0500	0.0516		mg/L		103	80 - 120
Vanadium	0.500	0.506		mg/L		101	80 - 120
Zinc	0.500	0.550		mg/L		110	80 - 120

Lab Sample ID: LCS 500-825300/2-A

Matrix: Solid

Analysis Batch: 825582

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 825300

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
	Added	Result	Qualifier				Limits
Cadmium	0.0500	0.0470		mg/L		94	80 - 120
Iron	1.00	0.939		mg/L		94	80 - 120
Lead	0.100	0.101		mg/L		101	80 - 120
Manganese	0.500	0.542		mg/L		108	80 - 120
Nickel	0.500	0.476		mg/L		95	80 - 120

Lab Sample ID: LCS 500-825322/2-A

Matrix: Solid

Analysis Batch: 825582

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 825322

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
	Added	Result	Qualifier				Limits
Cadmium	0.0500	0.0474		mg/L		95	80 - 120
Iron	1.00	0.915		mg/L		91	80 - 120
Lead	0.100	0.101		mg/L		101	80 - 120
Manganese	0.500	0.469		mg/L		94	80 - 120
Nickel	0.500	0.466		mg/L		93	80 - 120

Lab Sample ID: LB 500-824709/1-B

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 824919

Analyte	LB LB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Arsenic	0.00661	J	0.010	0.0037	mg/L		07/08/25 15:05	07/09/25 18:39	1
Barium	0.00147	J	0.010	0.0012	mg/L		07/08/25 15:05	07/09/25 18:39	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		07/08/25 15:05	07/09/25 18:39	1
Cadmium	0.000658	J	0.0050	0.00043	mg/L		07/08/25 15:05	07/09/25 18:39	1
Chromium	0.00287	J	0.010	0.0017	mg/L		07/08/25 15:05	07/09/25 18:39	1
Cobalt	0.00103	J	0.0050	0.00078	mg/L		07/08/25 15:05	07/09/25 18:39	1
Copper	0.00196	J	0.010	0.0018	mg/L		07/08/25 15:05	07/09/25 18:39	1
Iron	<0.40		0.40	0.082	mg/L		07/08/25 15:05	07/09/25 18:39	1
Lead	<0.0075		0.0075	0.0027	mg/L		07/08/25 15:05	07/09/25 18:39	1
Manganese	<0.010		0.010	0.0023	mg/L		07/08/25 15:05	07/09/25 18:39	1
Nickel	<0.010		0.010	0.0048	mg/L		07/08/25 15:05	07/09/25 18:39	1
Selenium	<0.050		0.050	0.0053	mg/L		07/08/25 15:05	07/09/25 18:39	1
Silver	<0.0050		0.0050	0.0015	mg/L		07/08/25 15:05	07/09/25 18:39	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		07/08/25 15:05	07/09/25 18:39	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: LB 500-824709/1-B

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 824919

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	<0.50		0.50	0.0050	mg/L		07/08/25 15:05	07/09/25 18:39	1

Lab Sample ID: LB 500-824709/1-B

Matrix: Solid

Analysis Batch: 825354

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 824919

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.50		0.50	0.0056	mg/L		07/08/25 15:05	07/10/25 15:03	1

Lab Sample ID: LB2 500-824736/1-B

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 824919

Analyte	LB2 Result	LB2 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00509	J	0.010	0.0037	mg/L		07/08/25 15:05	07/09/25 19:59	1
Barium	<0.010		0.010	0.0012	mg/L		07/08/25 15:05	07/09/25 19:59	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		07/08/25 15:05	07/09/25 19:59	1
Boron	0.0216	J	0.50	0.0056	mg/L		07/08/25 15:05	07/09/25 19:59	1
Cadmium	<0.0050		0.0050	0.00043	mg/L		07/08/25 15:05	07/09/25 19:59	1
Chromium	<0.010		0.010	0.0017	mg/L		07/08/25 15:05	07/09/25 19:59	1
Cobalt	<0.0050		0.0050	0.00078	mg/L		07/08/25 15:05	07/09/25 19:59	1
Copper	<0.010		0.010	0.0018	mg/L		07/08/25 15:05	07/09/25 19:59	1
Iron	<0.40		0.40	0.082	mg/L		07/08/25 15:05	07/09/25 19:59	1
Lead	<0.0075		0.0075	0.0027	mg/L		07/08/25 15:05	07/09/25 19:59	1
Manganese	<0.010		0.010	0.0023	mg/L		07/08/25 15:05	07/09/25 19:59	1
Nickel	<0.010		0.010	0.0048	mg/L		07/08/25 15:05	07/09/25 19:59	1
Selenium	<0.050		0.050	0.0053	mg/L		07/08/25 15:05	07/09/25 19:59	1
Silver	<0.0050		0.0050	0.0015	mg/L		07/08/25 15:05	07/09/25 19:59	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		07/08/25 15:05	07/09/25 19:59	1
Zinc	<0.50		0.50	0.0050	mg/L		07/08/25 15:05	07/09/25 19:59	1

Lab Sample ID: 500-270891-1 MS

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: TCLP

Prep Batch: 824919

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.017	B	0.100	0.106		mg/L		89	75 - 125
Barium	0.34	B	0.500	0.818		mg/L		95	75 - 125
Beryllium	<0.0040		0.0500	0.0474		mg/L		95	75 - 125
Cadmium	0.0029	J B	0.0500	0.0515		mg/L		97	75 - 125
Chromium	0.0032	J B	0.200	0.177		mg/L		87	75 - 125
Cobalt	0.0012	J B	0.500	0.493		mg/L		98	75 - 125
Copper	<0.010		0.250	0.227		mg/L		91	75 - 125
Iron	<0.40		1.00	0.985		mg/L		99	75 - 125
Lead	0.0059	J	0.100	0.109		mg/L		103	75 - 125
Manganese	1.8		0.500	2.25		mg/L		96	75 - 125
Nickel	0.0054	J	0.500	0.494		mg/L		98	75 - 125
Selenium	0.012	J	0.100	0.104		mg/L		93	75 - 125
Silver	<0.0050		0.0500	0.0513		mg/L		103	75 - 125

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: 500-270891-1 MS

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: TCLP

Prep Batch: 824919

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Vanadium	<0.0050		0.500	0.438		mg/L		88	75 - 125
Zinc	0.0051	J	0.500	0.495	J	mg/L		98	75 - 125

Lab Sample ID: 500-270891-1 MS

Matrix: Solid

Analysis Batch: 825354

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: TCLP

Prep Batch: 824919

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	<2.5		1.00	1.12	J	mg/L		112	75 - 125

Lab Sample ID: 500-270891-1 DU

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: TCLP

Prep Batch: 824919

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Arsenic	0.017	B	0.00754	J F5	mg/L		76	20
Barium	0.34	B	0.340		mg/L		1	20
Beryllium	<0.0040		<0.0040		mg/L		NC	20
Cadmium	0.0029	J B	0.00257	J	mg/L		11	20
Chromium	0.0032	J B	0.00358	J	mg/L		10	20
Cobalt	0.0012	J B	0.00223	J F5	mg/L		57	20
Copper	<0.010		0.00183	J	mg/L		NC	20
Iron	<0.40		<0.40		mg/L		NC	20
Lead	0.0059	J	0.00415	J F5	mg/L		34	20
Manganese	1.8		1.75		mg/L		1	20
Nickel	0.0054	J	0.00776	J F5	mg/L		35	20
Selenium	0.012	J	0.0138	J	mg/L		16	20
Silver	<0.0050		<0.0050		mg/L		NC	20
Vanadium	<0.0050		0.00161	J	mg/L		NC	20
Zinc	0.0051	J	0.00547	J	mg/L		8	20

Lab Sample ID: 500-270891-1 DU

Matrix: Solid

Analysis Batch: 825354

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: TCLP

Prep Batch: 824919

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Boron	<2.5		<2.5		mg/L		NC	20

Lab Sample ID: LB 500-824870/1-B

Matrix: Solid

Analysis Batch: 825353

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 825103

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.010	0.0037	mg/L		07/09/25 13:42	07/10/25 12:49	1
Barium	0.00202	J	0.010	0.0012	mg/L		07/09/25 13:42	07/10/25 12:49	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		07/09/25 13:42	07/10/25 12:49	1
Boron	<0.50		0.50	0.0056	mg/L		07/09/25 13:42	07/10/25 12:49	1
Cadmium	<0.0050		0.0050	0.00043	mg/L		07/09/25 13:42	07/10/25 12:49	1
Chromium	0.00256	J	0.010	0.0017	mg/L		07/09/25 13:42	07/10/25 12:49	1
Cobalt	<0.0050		0.0050	0.00078	mg/L		07/09/25 13:42	07/10/25 12:49	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: LB 500-824870/1-B

Matrix: Solid

Analysis Batch: 825353

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 825103

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	<0.010		0.010	0.0018	mg/L		07/09/25 13:42	07/10/25 12:49	1
Iron	<0.40		0.40	0.082	mg/L		07/09/25 13:42	07/10/25 12:49	1
Lead	<0.0075		0.0075	0.0027	mg/L		07/09/25 13:42	07/10/25 12:49	1
Manganese	<0.010		0.010	0.0023	mg/L		07/09/25 13:42	07/10/25 12:49	1
Nickel	<0.010		0.010	0.0048	mg/L		07/09/25 13:42	07/10/25 12:49	1
Selenium	0.0143	J	0.050	0.0053	mg/L		07/09/25 13:42	07/10/25 12:49	1
Silver	<0.0050		0.0050	0.0015	mg/L		07/09/25 13:42	07/10/25 12:49	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		07/09/25 13:42	07/10/25 12:49	1
Zinc	<0.50		0.50	0.0050	mg/L		07/09/25 13:42	07/10/25 12:49	1

Lab Sample ID: LB 500-825006/1-B

Matrix: Solid

Analysis Batch: 825584

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 825298

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.010	0.0037	mg/L		07/10/25 13:24	07/11/25 15:29	1
Barium	0.00264	J	0.010	0.0012	mg/L		07/10/25 13:24	07/11/25 15:29	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		07/10/25 13:24	07/11/25 15:29	1
Boron	<0.50		0.50	0.0056	mg/L		07/10/25 13:24	07/11/25 15:29	1
Cadmium	<0.0050		0.0050	0.00043	mg/L		07/10/25 13:24	07/11/25 15:29	1
Chromium	0.00224	J	0.010	0.0017	mg/L		07/10/25 13:24	07/11/25 15:29	1
Cobalt	<0.0050		0.0050	0.00078	mg/L		07/10/25 13:24	07/11/25 15:29	1
Copper	<0.010		0.010	0.0018	mg/L		07/10/25 13:24	07/11/25 15:29	1
Iron	<0.40		0.40	0.082	mg/L		07/10/25 13:24	07/11/25 15:29	1
Lead	<0.0075		0.0075	0.0027	mg/L		07/10/25 13:24	07/11/25 15:29	1
Manganese	<0.010		0.010	0.0023	mg/L		07/10/25 13:24	07/11/25 15:29	1
Nickel	<0.010		0.010	0.0048	mg/L		07/10/25 13:24	07/11/25 15:29	1
Selenium	<0.050		0.050	0.0053	mg/L		07/10/25 13:24	07/11/25 15:29	1
Silver	<0.0050		0.0050	0.0015	mg/L		07/10/25 13:24	07/11/25 15:29	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		07/10/25 13:24	07/11/25 15:29	1
Zinc	0.00556	J	0.50	0.0050	mg/L		07/10/25 13:24	07/11/25 15:29	1

Lab Sample ID: 500-270891-20 MS

Matrix: Solid

Analysis Batch: 825584

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: TCLP

Prep Batch: 825298

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.0047	J	0.100	0.109		mg/L		104	75 - 125
Barium	0.58	B	0.500	1.10		mg/L		104	75 - 125
Beryllium	<0.0040		0.0500	0.0504		mg/L		101	75 - 125
Cadmium	0.0022	J	0.0500	0.0525		mg/L		101	75 - 125
Chromium	<0.010		0.200	0.190		mg/L		95	75 - 125
Cobalt	0.011		0.500	0.544		mg/L		107	75 - 125
Copper	0.0023	J	0.250	0.245		mg/L		97	75 - 125
Iron	<0.40		1.00	1.12		mg/L		112	75 - 125
Lead	0.041		0.100	0.147		mg/L		107	75 - 125
Manganese	1.7		0.500	2.24		mg/L		115	75 - 125
Nickel	0.012		0.500	0.521		mg/L		102	75 - 125
Selenium	<0.050		0.100	0.0983		mg/L		98	75 - 125

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: 500-270891-20 MS

Matrix: Solid

Analysis Batch: 825584

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: TCLP

Prep Batch: 825298

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	<0.0050		0.0500	0.0513		mg/L		103	75 - 125
Vanadium	0.0021	J	0.500	0.496		mg/L		99	75 - 125
Zinc	0.090	J B	0.500	0.604		mg/L		103	75 - 125

Lab Sample ID: 500-270891-20 MS

Matrix: Solid

Analysis Batch: 825794

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: TCLP

Prep Batch: 825298

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.042	J	1.00	1.17	J	mg/L		112	75 - 125

Lab Sample ID: 500-270891-20 DU

Matrix: Solid

Analysis Batch: 825584

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: TCLP

Prep Batch: 825298

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Arsenic	0.0047	J	0.00372	J F5	mg/L		23	20
Barium	0.58	B	0.582		mg/L		0.7	20
Beryllium	<0.0040		<0.0040		mg/L		NC	20
Cadmium	0.0022	J	0.00233	J	mg/L		4	20
Chromium	<0.010		<0.010		mg/L		NC	20
Cobalt	0.011		0.0112		mg/L		2	20
Copper	0.0023	J	0.00232	J	mg/L		3	20
Iron	<0.40		0.141	J	mg/L		NC	20
Lead	0.041		0.0413		mg/L		2	20
Manganese	1.7		1.69		mg/L		1	20
Nickel	0.012		0.0115		mg/L		3	20
Selenium	<0.050		<0.050		mg/L		NC	20
Silver	<0.0050		<0.0050		mg/L		NC	20
Vanadium	0.0021	J	0.00198	J	mg/L		7	20
Zinc	0.090	J B	0.0911	J	mg/L		2	20

Lab Sample ID: 500-270891-20 DU

Matrix: Solid

Analysis Batch: 825794

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: TCLP

Prep Batch: 825298

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Boron	0.042	J	0.0386	J	mg/L		9	20

Lab Sample ID: LB 500-824710/1-B

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: Method Blank

Prep Type: SPLP East

Prep Batch: 824920

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	<0.0020		0.0020	0.00043	mg/L		07/08/25 15:25	07/09/25 20:41	1
Iron	<0.20		0.20	0.082	mg/L		07/08/25 15:25	07/09/25 20:41	1
Lead	<0.0075		0.0075	0.0027	mg/L		07/08/25 15:25	07/09/25 20:41	1
Manganese	<0.010		0.010	0.0023	mg/L		07/08/25 15:25	07/09/25 20:41	1
Nickel	<0.010		0.010	0.0048	mg/L		07/08/25 15:25	07/09/25 20:41	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: 500-270891-1 MS

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: SPLP East

Prep Batch: 824920

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	200		1.00	201	4	mg/L		577	75 - 125
Lead	0.17		0.100	0.276		mg/L		103	75 - 125
Manganese	0.55		0.500	0.988		mg/L		88	75 - 125

Lab Sample ID: 500-270891-1 DU

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: SPLP East

Prep Batch: 824920

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Iron	200		198		mg/L		1	20
Lead	0.17		0.173		mg/L		0.07	20
Manganese	0.55		0.561		mg/L		2	20

Lab Sample ID: LB 500-824871/1-C

Matrix: Solid

Analysis Batch: 825582

Client Sample ID: Method Blank

Prep Type: SPLP East

Prep Batch: 825300

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	<0.0020		0.0020	0.00043	mg/L		07/10/25 13:29	07/11/25 12:12	1
Iron	<0.20		0.20	0.082	mg/L		07/10/25 13:29	07/11/25 12:12	1
Lead	<0.0075		0.0075	0.0027	mg/L		07/10/25 13:29	07/11/25 12:12	1
Manganese	<0.010		0.010	0.0023	mg/L		07/10/25 13:29	07/11/25 12:12	1
Nickel	<0.010		0.010	0.0048	mg/L		07/10/25 13:29	07/11/25 12:12	1

Lab Sample ID: LB 500-825016/1-B

Matrix: Solid

Analysis Batch: 825582

Client Sample ID: Method Blank

Prep Type: SPLP East

Prep Batch: 825322

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	<0.0020		0.0020	0.00043	mg/L		07/10/25 14:46	07/11/25 22:37	1
Iron	<0.20		0.20	0.082	mg/L		07/10/25 14:46	07/11/25 22:37	1
Lead	<0.0075		0.0075	0.0027	mg/L		07/10/25 14:46	07/11/25 22:37	1
Manganese	0.00662	J	0.010	0.0023	mg/L		07/10/25 14:46	07/11/25 22:37	1
Nickel	<0.010		0.010	0.0048	mg/L		07/10/25 14:46	07/11/25 22:37	1

Lab Sample ID: 500-270891-20 MS

Matrix: Solid

Analysis Batch: 825582

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: SPLP East

Prep Batch: 825322

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	220		1.00	243	4	mg/L		2121	75 - 125
Lead	0.49		0.100	0.627	4	mg/L		137	75 - 125
Manganese	0.73	B	0.500	1.23	B	mg/L		100	75 - 125

Lab Sample ID: 500-270891-20 DU

Matrix: Solid

Analysis Batch: 825582

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: SPLP East

Prep Batch: 825322

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Cadmium	0.0010	J	0.000909	J	mg/L		11	20

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: 500-270891-20 DU

Matrix: Solid

Analysis Batch: 825582

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: SPLP East

Prep Batch: 825322

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Iron	220		226		mg/L		2	20
Lead	0.49		0.492		mg/L		0.5	20
Manganese	0.73	B	0.739	B	mg/L		2	20
Nickel	0.29		0.289		mg/L		1	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: LCS 500-824919/16-A

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824919

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.514		mg/L		103	80 - 120
Thallium	0.100	0.104		mg/L		104	80 - 120

Lab Sample ID: LCS 500-824919/2-A

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824919

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.532		mg/L		106	80 - 120
Thallium	0.100	0.107		mg/L		107	80 - 120

Lab Sample ID: LCS 500-825103/2-A

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 825103

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.523		mg/L		105	80 - 120
Thallium	0.100	0.106		mg/L		106	80 - 120

Lab Sample ID: LCS 500-825298/2-A

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 825298

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.574		mg/L		115	80 - 120
Thallium	0.100	0.110		mg/L		110	80 - 120

Lab Sample ID: LB 500-824709/1-B

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 824919

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0060	mg/L		07/08/25 15:05	07/14/25 14:55	1
Thallium	<0.0020		0.0020	0.0020	mg/L		07/08/25 15:05	07/14/25 14:55	1

Eurofins Chicago

QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LB2 500-824736/1-B

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 824919

Analyte	LB2 Result	LB2 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0060	mg/L		07/08/25 15:05	07/14/25 16:12	1
Thallium	<0.0020		0.0020	0.0020	mg/L		07/08/25 15:05	07/14/25 16:12	1

Lab Sample ID: 500-270891-1 MS

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: TCLP

Prep Batch: 824919

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0060		0.500	0.539		mg/L		108	75 - 125
Thallium	<0.0020		0.100	0.105		mg/L		105	75 - 125

Lab Sample ID: 500-270891-1 DU

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: TCLP

Prep Batch: 824919

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<0.0060		<0.0060		mg/L		NC	20
Thallium	<0.0020		<0.0020		mg/L		NC	20

Lab Sample ID: LB 500-824870/1-B

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 825103

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0060	mg/L		07/09/25 13:42	07/14/25 16:49	1
Thallium	<0.0020		0.0020	0.0020	mg/L		07/09/25 13:42	07/14/25 16:49	1

Lab Sample ID: LB 500-825006/1-B

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 825298

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0060	mg/L		07/10/25 13:24	07/14/25 17:13	1
Thallium	<0.0020		0.0020	0.0020	mg/L		07/10/25 13:24	07/14/25 17:13	1

Lab Sample ID: 500-270891-20 MS

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: TCLP

Prep Batch: 825298

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0060		0.500	0.556		mg/L		111	75 - 125
Thallium	<0.0020		0.100	0.106		mg/L		106	75 - 125

Lab Sample ID: 500-270891-20 DU

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: TCLP

Prep Batch: 825298

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<0.0060		<0.0060		mg/L		NC	20
Thallium	<0.0020		<0.0020		mg/L		NC	20

Eurofins Chicago

QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Method: 7470A - Mercury

Lab Sample ID: MB 500-825055/12-A
Matrix: Solid
Analysis Batch: 825265

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 825055

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/25 11:20	07/10/25 09:20	1

Lab Sample ID: LCS 500-825055/14-A
Matrix: Solid
Analysis Batch: 825265

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 825055

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00202		mg/L		101	80 - 120

Lab Sample ID: LCS 500-825055/30-A
Matrix: Solid
Analysis Batch: 825265

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 825055

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00197		mg/L		99	80 - 120

Lab Sample ID: MB 500-825271/12-A
Matrix: Solid
Analysis Batch: 825455

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 825271

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/10/25 10:35	07/11/25 10:22	1

Lab Sample ID: LCS 500-825271/14-A
Matrix: Solid
Analysis Batch: 825455

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 825271

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00202		mg/L		101	80 - 120

Lab Sample ID: MB 500-825664/12-A
Matrix: Solid
Analysis Batch: 825842

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 825664

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/14/25 10:25	07/15/25 08:56	1

Lab Sample ID: LCS 500-825664/14-A
Matrix: Solid
Analysis Batch: 825842

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 825664

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00186		mg/L		93	80 - 120

Lab Sample ID: LB 500-824709/1-C
Matrix: Solid
Analysis Batch: 825265

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 825055

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/25 11:20	07/10/25 09:22	1

Eurofins Chicago

QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Method: 7470A - Mercury

Lab Sample ID: LB2 500-824736/1-C

Matrix: Solid

Analysis Batch: 825265

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 825055

Analyte	LB2 Result	LB2 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/25 11:20	07/10/25 10:01	1

Lab Sample ID: 500-270891-1 MS

Matrix: Solid

Analysis Batch: 825265

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: TCLP

Prep Batch: 825055

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00020		0.000999	0.000971		mg/L		97	75 - 125

Lab Sample ID: 500-270891-1 DU

Matrix: Solid

Analysis Batch: 825265

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: TCLP

Prep Batch: 825055

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	<0.00020		<0.00020		mg/L		NC	20

Lab Sample ID: LB 500-824870/1-C

Matrix: Solid

Analysis Batch: 825455

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 825271

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/10/25 10:35	07/11/25 10:39	1

Lab Sample ID: LB 500-825006/1-C

Matrix: Solid

Analysis Batch: 825842

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 825664

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/14/25 10:25	07/15/25 08:58	1

Lab Sample ID: 500-270891-20 MS

Matrix: Solid

Analysis Batch: 825842

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: TCLP

Prep Batch: 825664

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00020		0.000999	0.000969		mg/L		97	75 - 125

Lab Sample ID: 500-270891-20 DU

Matrix: Solid

Analysis Batch: 825842

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: TCLP

Prep Batch: 825664

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	<0.00020		<0.00020		mg/L		NC	20

QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 500-825301/12-A
Matrix: Solid
Analysis Batch: 825473

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 825301

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.017		0.017	0.0069	mg/Kg		07/10/25 15:15	07/11/25 11:02	1

Lab Sample ID: LCS 500-825301/13-A
Matrix: Solid
Analysis Batch: 825473

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 825301

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.167	0.155		mg/Kg		93	80 - 120

Lab Sample ID: 500-270891-11 MS
Matrix: Solid
Analysis Batch: 825473

Client Sample ID: 3055V-01-B02 (10-15)
Prep Type: Total/NA
Prep Batch: 825301

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.021		0.0929	0.120		mg/Kg	✱	107	75 - 125

Lab Sample ID: 500-270891-11 MSD
Matrix: Solid
Analysis Batch: 825473

Client Sample ID: 3055V-01-B02 (10-15)
Prep Type: Total/NA
Prep Batch: 825301

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.021		0.0916	0.119		mg/Kg	✱	107	75 - 125	1	20

Lab Sample ID: 500-270891-11 DU
Matrix: Solid
Analysis Batch: 825473

Client Sample ID: 3055V-01-B02 (10-15)
Prep Type: Total/NA
Prep Batch: 825301

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.021		0.0216		mg/Kg	✱	3	20

Method: 9012B - Cyanide, Total and/or Amenable

Lab Sample ID: MB 500-824575/1-A
Matrix: Solid
Analysis Batch: 824731

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 824575

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.24		0.24	0.12	mg/Kg		07/06/25 12:53	07/07/25 11:17	1

Lab Sample ID: LCS 500-824575/2-A
Matrix: Solid
Analysis Batch: 824731

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 824575

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	2.40	2.50		mg/Kg		104	85 - 115

QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Method: 9012B - Cyanide, Total and/or Amenable (Continued)

Lab Sample ID: 500-270891-5 MS

Matrix: Solid

Analysis Batch: 824731

Client Sample ID: 3055V-01-B01 (0-5)

Prep Type: Total/NA

Prep Batch: 824575

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total	<0.27		2.89	2.80		mg/Kg	✱	97	75 - 125		

Lab Sample ID: 500-270891-5 MSD

Matrix: Solid

Analysis Batch: 824731

Client Sample ID: 3055V-01-B01 (0-5)

Prep Type: Total/NA

Prep Batch: 824575

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	<0.27		2.79	2.82		mg/Kg	✱	101	75 - 125	1	20

Lab Sample ID: 500-270891-12 MS

Matrix: Solid

Analysis Batch: 824731

Client Sample ID: 3055V-01-B02 (10-15)D

Prep Type: Total/NA

Prep Batch: 824575

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total	<0.26	F1	2.58	2.06		mg/Kg	✱	80	75 - 125		

Lab Sample ID: 500-270891-12 MSD

Matrix: Solid

Analysis Batch: 824731

Client Sample ID: 3055V-01-B02 (10-15)D

Prep Type: Total/NA

Prep Batch: 824575

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	<0.26	F1	2.59	1.74	F1	mg/Kg	✱	67	75 - 125	17	20

Lab Sample ID: MB 500-824706/1-A

Matrix: Solid

Analysis Batch: 824754

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 824706

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Cyanide, Total	<0.24		0.24	0.12	mg/Kg		07/07/25 14:55	07/07/25 17:16		1

Lab Sample ID: LCS 500-824706/2-A

Matrix: Solid

Analysis Batch: 824754

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824706

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total	2.40	2.50		mg/Kg		104	85 - 115		

Method: 9045D - pH

Lab Sample ID: 500-270891-10 DU

Matrix: Solid

Analysis Batch: 824296

Client Sample ID: 3055V-01-B02 (5-10)

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	9.1		9.2		SU		0.7	5

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-179-B01 (0-1)

Lab Sample ID: 500-270891-1

Date Collected: 06/30/25 10:15

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 20:50
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825354	S1Z	EET CHI	07/10/25 15:24
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 18:48
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 15:11
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 09:31
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 10:45
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-179-B01 (0-1)

Lab Sample ID: 500-270891-1

Date Collected: 06/30/25 10:15

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 80.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824184	MM	EET CHI	07/02/25 17:55
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 17:56
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 20:49
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:05
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:17

Client Sample ID: 3055V-181-B01 (0-2)

Lab Sample ID: 500-270891-2

Date Collected: 06/30/25 10:40

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 21:16
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825354	S1Z	EET CHI	07/10/25 15:41

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Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-181-B01 (0-2)

Lab Sample ID: 500-270891-2

Date Collected: 06/30/25 10:40

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 19:07
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 15:28
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 09:37
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 10:47
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-181-B01 (0-2)

Lab Sample ID: 500-270891-2

Date Collected: 06/30/25 10:40

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 80.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824184	MM	EET CHI	07/02/25 18:21
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 16:43
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 21:20
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:08
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:19

Client Sample ID: 3055V-200-B01 (0-2)

Lab Sample ID: 500-270891-3

Date Collected: 06/30/25 11:15

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 21:21
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825416	S1Z	EET CHI	07/10/25 20:59
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 20:08
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 16:20

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-200-B01 (0-2)

Lab Sample ID: 500-270891-3

Date Collected: 06/30/25 11:15

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 10:06
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 10:50
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-200-B01 (0-2)

Lab Sample ID: 500-270891-3

Date Collected: 06/30/25 11:15

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 81.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824184	MM	EET CHI	07/02/25 18:46
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 18:20
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 21:24
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:10
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:19

Client Sample ID: 3055V-200-B02 (0-1)

Lab Sample ID: 500-270891-4

Date Collected: 06/30/25 11:30

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 21:25
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 20:22
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 16:25
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 10:08
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 10:52
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-200-B02 (0-1)

Lab Sample ID: 500-270891-4

Date Collected: 06/30/25 11:30

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 81.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824184	MM	EET CHI	07/02/25 19:12
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 17:07
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 21:28
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825242	SJ	EET CHI	07/09/25 16:23
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 16:28
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:12
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:20

Client Sample ID: 3055V-01-B01 (0-5)

Lab Sample ID: 500-270891-5

Date Collected: 06/30/25 11:45

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 21:30
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 20:26
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 16:29
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 10:10
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 10:55
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-01-B01 (0-5)

Lab Sample ID: 500-270891-5

Date Collected: 06/30/25 11:45

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 82.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824184	MM	EET CHI	07/02/25 19:37
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 19:08

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Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B01 (0-5)

Lab Sample ID: 500-270891-5

Date Collected: 06/30/25 11:45

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 82.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 21:33
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:13
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:21

Client Sample ID: 3055V-01-B01 (5-10)

Lab Sample ID: 500-270891-6

Date Collected: 06/30/25 11:50

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 21:34
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825354	S1Z	EET CHI	07/10/25 15:46
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 19:11
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 15:32
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 09:38
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 10:57
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-01-B01 (5-10)

Lab Sample ID: 500-270891-6

Date Collected: 06/30/25 11:50

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 80.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 15:20
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 19:33
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 21:37
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 16:36
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:15

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B01 (5-10)

Lab Sample ID: 500-270891-6

Date Collected: 06/30/25 11:50

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 80.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:24

Client Sample ID: 3055V-01-B01 (10-15)

Lab Sample ID: 500-270891-7

Date Collected: 06/30/25 11:55

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 21:38
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825354	S1Z	EET CHI	07/10/25 15:50
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 19:25
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 15:36
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 09:40
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:00
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-01-B01 (10-15)

Lab Sample ID: 500-270891-7

Date Collected: 06/30/25 11:55

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 81.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 15:45
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 18:44
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 21:41
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 16:41
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:17
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:26

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B01 (15-19.5)

Lab Sample ID: 500-270891-8

Date Collected: 06/30/25 12:00

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 21:43
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825416	S1Z	EET CHI	07/10/25 21:04
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 20:31
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 16:33
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 10:33
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:02
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-01-B01 (15-19.5)

Lab Sample ID: 500-270891-8

Date Collected: 06/30/25 12:00

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 82.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 16:10
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 21:33
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 21:46
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 16:45
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:24
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:27

Client Sample ID: 3055V-01-B02 (0-5)

Lab Sample ID: 500-270891-9

Date Collected: 06/30/25 12:30

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 21:47

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B02 (0-5)

Lab Sample ID: 500-270891-9

Date Collected: 06/30/25 12:30

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825354	S1Z	EET CHI	07/10/25 16:04
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 19:30
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 15:40
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 09:42
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:04
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-01-B02 (0-5)

Lab Sample ID: 500-270891-9

Date Collected: 06/30/25 12:30

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 88.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 16:35
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824795	W1T	EET CHI	07/08/25 18:48
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 21:50
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 16:50
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:25
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:27

Client Sample ID: 3055V-01-B02 (5-10)

Lab Sample ID: 500-270891-10

Date Collected: 06/30/25 12:35

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 21:52
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825416	S1Z	EET CHI	07/10/25 21:08

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B02 (5-10)

Lab Sample ID: 500-270891-10

Date Collected: 06/30/25 12:35

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 20:35
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 16:37
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 10:35
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:09
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-01-B02 (5-10)

Lab Sample ID: 500-270891-10

Date Collected: 06/30/25 12:35

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 74.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 17:00
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 16:19
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 22:04
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:27
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:29

Client Sample ID: 3055V-01-B02 (10-15)

Lab Sample ID: 500-270891-11

Date Collected: 06/30/25 12:40

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 21:56
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825354	S1Z	EET CHI	07/10/25 16:08
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 19:35
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 15:44

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Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B02 (10-15)

Lab Sample ID: 500-270891-11

Date Collected: 06/30/25 12:40

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 09:44
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:14
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-01-B02 (10-15)

Lab Sample ID: 500-270891-11

Date Collected: 06/30/25 12:40

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 80.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 17:25
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 19:57
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 22:08
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 16:54
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:29
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:29

Client Sample ID: 3055V-01-B02 (10-15)D

Lab Sample ID: 500-270891-12

Date Collected: 06/30/25 12:45

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 22:10
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825354	S1Z	EET CHI	07/10/25 16:13
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 19:39
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 15:48
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 09:46
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:17

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Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B02 (10-15)D

Lab Sample ID: 500-270891-12

Date Collected: 06/30/25 12:45

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-01-B02 (10-15)D

Lab Sample ID: 500-270891-12

Date Collected: 06/30/25 12:45

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 84.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 17:50
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 20:21
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 22:12
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 16:59
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:37
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:29

Client Sample ID: 3055V-01-B02 (15-20)

Lab Sample ID: 500-270891-13

Date Collected: 06/30/25 12:50

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 22:14
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825354	S1Z	EET CHI	07/10/25 16:17
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 19:44
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 16:00
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 09:52
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:19
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B02 (15-20)

Lab Sample ID: 500-270891-13

Date Collected: 06/30/25 12:50

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 86.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 18:15
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 20:45
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 22:17
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 17:03
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:39
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:32

Client Sample ID: 3055V-01-B04 (0-5)

Lab Sample ID: 500-270891-14

Date Collected: 06/30/25 13:30

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 22:19
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825354	S1Z	EET CHI	07/10/25 16:21
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 19:49
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 16:04
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 09:53
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:22
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-01-B04 (0-5)

Lab Sample ID: 500-270891-14

Date Collected: 06/30/25 13:30

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 95.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 18:41
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 15:54

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B04 (0-5)

Lab Sample ID: 500-270891-14

Date Collected: 06/30/25 13:30

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 95.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 22:21
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 17:16
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		10	825242	SJ	EET CHI	07/09/25 17:21
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:41
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:33

Client Sample ID: 3055V-01-B04 (5-10)

Lab Sample ID: 500-270891-15

Date Collected: 06/30/25 13:35

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 22:23
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825354	S1Z	EET CHI	07/10/25 16:26
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 19:53
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 16:08
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 09:55
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:24
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-01-B04 (5-10)

Lab Sample ID: 500-270891-15

Date Collected: 06/30/25 13:35

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 81.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 19:06
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 21:57
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 22:26

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Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B04 (5-10)

Lab Sample ID: 500-270891-15

Date Collected: 06/30/25 13:35

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 81.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 17:25
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:46
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:36

Client Sample ID: 3055V-01-B04 (10-15)

Lab Sample ID: 500-270891-16

Date Collected: 06/30/25 13:40

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824871	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
SPLP East	Prep	3010A			825300	MS	EET CHI	07/10/25 13:29 - 07/10/25 19:29 ¹
SPLP East	Analysis	6010D		1	825582	S1Z	EET CHI	07/11/25 13:04
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	3010A			825103	MS	EET CHI	07/09/25 13:42 - 07/09/25 19:42 ¹
TCLP	Analysis	6010D		1	825353	SJ	EET CHI	07/10/25 13:25
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	3010A			825103	MS	EET CHI	07/09/25 13:42 - 07/09/25 19:42 ¹
TCLP	Analysis	6010D		5	825584	S1Z	EET CHI	07/11/25 21:37
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	3010A			825103	MS	EET CHI	07/09/25 13:42 - 07/09/25 19:42 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 16:57
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	7470A			825271	MJG	EET CHI	07/10/25 10:35 - 07/10/25 12:35 ¹
TCLP	Analysis	7470A		1	825455	MJG	EET CHI	07/11/25 11:08
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:26
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-01-B04 (10-15)

Lab Sample ID: 500-270891-16

Date Collected: 06/30/25 13:40

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 81.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 19:31
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 17:31
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 22:30
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 17:29
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:48

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Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B04 (10-15)

Lab Sample ID: 500-270891-16

Date Collected: 06/30/25 13:40

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 81.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9010C			824706	AC	EET CHI	07/07/25 14:55 - 07/07/25 15:25 ¹
Total/NA	Analysis	9012B		1	824754	AC	EET CHI	07/07/25 17:24

Client Sample ID: 3055V-01-B04 (15-20)

Lab Sample ID: 500-270891-17

Date Collected: 06/30/25 13:45

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824871	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
SPLP East	Prep	3010A			825300	MS	EET CHI	07/10/25 13:29 - 07/10/25 19:29 ¹
SPLP East	Analysis	6010D		1	825582	S1Z	EET CHI	07/11/25 13:08
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	3010A			825103	MS	EET CHI	07/09/25 13:42 - 07/09/25 19:42 ¹
TCLP	Analysis	6010D		1	825353	SJ	EET CHI	07/10/25 13:29
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	3010A			825103	MS	EET CHI	07/09/25 13:42 - 07/09/25 19:42 ¹
TCLP	Analysis	6010D		5	825584	S1Z	EET CHI	07/11/25 21:51
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	3010A			825103	MS	EET CHI	07/09/25 13:42 - 07/09/25 19:42 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 17:01
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	7470A			825271	MJG	EET CHI	07/10/25 10:35 - 07/10/25 12:35 ¹
TCLP	Analysis	7470A		1	825455	MJG	EET CHI	07/11/25 11:10
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:29
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-01-B04 (15-20)

Lab Sample ID: 500-270891-17

Date Collected: 06/30/25 13:45

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 80.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 19:56
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 21:09
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 22:35
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 17:34
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:50
Total/NA	Prep	9010C			824706	AC	EET CHI	07/07/25 14:55 - 07/07/25 15:25 ¹
Total/NA	Analysis	9012B		1	824754	AC	EET CHI	07/07/25 17:26

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Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-165-B02 (0-1)

Lab Sample ID: 500-270891-18

Date Collected: 06/30/25 14:30

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824871	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
SPLP East	Prep	3010A			825300	MS	EET CHI	07/10/25 13:29 - 07/10/25 19:29 ¹
SPLP East	Analysis	6010D		1	825582	S1Z	EET CHI	07/11/25 13:13
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	3010A			825103	MS	EET CHI	07/09/25 13:42 - 07/09/25 19:42 ¹
TCLP	Analysis	6010D		1	825353	SJ	EET CHI	07/10/25 13:34
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	3010A			825103	MS	EET CHI	07/09/25 13:42 - 07/09/25 19:42 ¹
TCLP	Analysis	6010D		5	825584	S1Z	EET CHI	07/11/25 21:55
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	3010A			825103	MS	EET CHI	07/09/25 13:42 - 07/09/25 19:42 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 17:05
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	7470A			825271	MJG	EET CHI	07/10/25 10:35 - 07/10/25 12:35 ¹
TCLP	Analysis	7470A		1	825455	MJG	EET CHI	07/11/25 11:12
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:31
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-165-B02 (0-1)

Lab Sample ID: 500-270891-18

Date Collected: 06/30/25 14:30

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 87.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 20:21
Total/NA	Prep	3546			824905	LH	EET CHI	07/08/25 14:13
Total/NA	Analysis	8270E		1	824983	MM	EET CHI	07/09/25 17:26
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 22:39
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 17:38
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:52
Total/NA	Prep	9010C			824706	AC	EET CHI	07/07/25 14:55 - 07/07/25 15:25 ¹
Total/NA	Analysis	9012B		1	824754	AC	EET CHI	07/07/25 17:26

Client Sample ID: 3055V-165-B01 (0-2)

Lab Sample ID: 500-270891-19

Date Collected: 06/30/25 14:40

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824871	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
SPLP East	Prep	3010A			825300	MS	EET CHI	07/10/25 13:29 - 07/10/25 19:29 ¹
SPLP East	Analysis	6010D		1	825582	S1Z	EET CHI	07/11/25 13:17

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Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-165-B01 (0-2)

Lab Sample ID: 500-270891-19

Date Collected: 06/30/25 14:40

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	3010A			825103	MS	EET CHI	07/09/25 13:42 - 07/09/25 19:42 ¹
TCLP	Analysis	6010D		1	825353	SJ	EET CHI	07/10/25 13:39
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	3010A			825103	MS	EET CHI	07/09/25 13:42 - 07/09/25 19:42 ¹
TCLP	Analysis	6010D		5	825584	S1Z	EET CHI	07/11/25 22:00
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	3010A			825103	MS	EET CHI	07/09/25 13:42 - 07/09/25 19:42 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 17:09
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	7470A			825271	MJG	EET CHI	07/10/25 10:35 - 07/10/25 12:35 ¹
TCLP	Analysis	7470A		1	825455	MJG	EET CHI	07/11/25 11:14
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:36
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-165-B01 (0-2)

Lab Sample ID: 500-270891-19

Date Collected: 06/30/25 14:40

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 83.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 20:46
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 15:30
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 22:43
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:54
Total/NA	Prep	9010C			824706	AC	EET CHI	07/07/25 14:55 - 07/07/25 15:25 ¹
Total/NA	Analysis	9012B		1	824754	AC	EET CHI	07/07/25 17:27

Client Sample ID: 3055V-193-B01 (0-2)

Lab Sample ID: 500-270891-20

Date Collected: 06/30/25 15:50

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			825016	RJ	EET CHI	07/09/25 15:53 - 07/10/25 09:53 ¹
SPLP East	Prep	3010A			825322	MS	EET CHI	07/10/25 14:46 - 07/10/25 20:46 ¹
SPLP East	Analysis	6010D		1	825582	S1Z	EET CHI	07/11/25 22:46
TCLP	Leach	1311			825006	RJ	EET CHI	07/09/25 16:42 - 07/10/25 10:42 ¹
TCLP	Prep	3010A			825298	MS	EET CHI	07/10/25 13:24 - 07/10/25 19:24 ¹
TCLP	Analysis	6010D		5	825794	S1Z	EET CHI	07/14/25 22:00
TCLP	Leach	1311			825006	RJ	EET CHI	07/09/25 16:42 - 07/10/25 10:42 ¹
TCLP	Prep	3010A			825298	MS	EET CHI	07/10/25 13:24 - 07/10/25 19:24 ¹
TCLP	Analysis	6010D		1	825584	S1Z	EET CHI	07/11/25 15:33

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-193-B01 (0-2)

Lab Sample ID: 500-270891-20

Date Collected: 06/30/25 15:50

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			825006	RJ	EET CHI	07/09/25 16:42 - 07/10/25 10:42 ¹
TCLP	Prep	3010A			825298	MS	EET CHI	07/10/25 13:24 - 07/10/25 19:24 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 17:30
TCLP	Leach	1311			825006	RJ	EET CHI	07/09/25 16:42 - 07/10/25 10:42 ¹
TCLP	Prep	7470A			825664	MJG	EET CHI	07/14/25 10:25 - 07/14/25 12:25 ¹
TCLP	Analysis	7470A		1	825842	MJG	EET CHI	07/15/25 09:03
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:39
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-193-B01 (0-2)

Lab Sample ID: 500-270891-20

Date Collected: 06/30/25 15:50

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 79.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 21:11
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 23:09
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 22:57
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 17:43
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:56
Total/NA	Prep	9010C			824706	AC	EET CHI	07/07/25 14:55 - 07/07/25 15:25 ¹
Total/NA	Analysis	9012B		1	824754	AC	EET CHI	07/07/25 17:28

¹ This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

Accreditation/Certification Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Laboratory: Eurofins Chicago

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	100201	05-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260D	5035	Solid	1,3-Dichloropropene, Total
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Chain of Custody Record 744810

Environment Testing
America

TAL-8210

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ OtherAddress _____

Client Contact		Project Manager: J. Hughes		Site Contact T. Trojnar		Date: 6-30-25		COC No 1	
Company Name WSP		Tel/Email:		Lab Contact:		Carrier:		1 of 2 COCs	
Address 30 N LaSalle St #4200		Analysis Turnaround Time						Sampler	
City/State/Zip Chicago, IL 60602		☒ CALENDAR DAYS ☐ WORKING DAYS						For Lab Use Only:	
Phone		TAT if different from Below						Walk-in Client	
Fax		☒ 2 weeks						Lab Sampling	
Project Name ASP11 WOSSA - I-290		☐ 1 week						Job / SDG No	
Site 31403035, 8305		☐ 2 days						500-270891	
P O #		☐ 1 day							
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Sample Specific Notes
1	3055V-179-B01 (0-1)	6/30/25	1015	G	S	2		/	
2	3055V-181-B01 (0-2)		1040					/	
3	3055V-200-B01 (0-2)		1115					/	
4	3055V-200-B02 (0-1)		1130					/	
5	3055V-01-B01 (0-5)		1145					/	
6	3055V-01-B01 (5-10)		1150					/	
7	3055V-01-B01 (10-15)		1155					/	
8	3055V-01-B01 (15-19.5)		1200					/	
9	3055V-01-B01 (10-5)		1230					/	
10	3055V-01-B02 (5-10)		1235					/	
11	3055V-01-B02 (10-15)		1240					/	
12	3055V-01-B02 (10-15) DUP		1245					/	
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other							Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample							☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months		
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown									
Special Instructions/QC Requirements & Comments: * SPLP Analysis based on TCLP results									
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No		Cooler Temp (°C) Obs'd		Corr'd		Therm ID No	
Relinquished by [Signature]		Company WSP		Date/Time 7-1-25		Received by		Company	
Relinquished by		Company		Date/Time 1010		Received by		Company	
Relinquished by		Company		Date/Time		Received in Laboratory by [Signature]		Company EETA	
								Date/Time 07/01/25 1010	

Chain of Custody Record 744811

Environment Testing
America

TAL-8210

Address _____

_____Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

Client Contact		Project Manager: J. Hughes		Site Contact T. Tajner		Date: 6-30-25		COC No 2	
Company Name WSP		Tel/Email:		Lab Contact		Carrier:		2 of 2 COCs	
Address 2010 LaSalle St #4700		Analysis Turnaround Time						Sampler	
City/State/Zip Chicago IL 60607		☒ CALENDAR DAYS ☐ WORKING DAYS						For Lab Use Only:	
Phone		TAT if different from Below _____						Walk-in Client	
Fax		☒ 2 weeks						Lab Sampling	
Project Name WSP II W055A - I-290		☐ 1 week							
Site 31403035-8305		☐ 2 days						Job / SDG No	
P O #		☐ 1 day						W00-270991	
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Sample Specific Notes
3055V-01-B02 (15-20)		6/30/25	1230	G	S	2			
3055V-01-B04 (0-5)			1330						
3055V-01-B04 (5-10)			1335						
3055V-01-B04 (10-15)			1340						
3055V-01-B04 (15-20)			1345						
3055V-165-B01 (0-1)			1430						
3055V-165-B01 (0-2)			1440						
3055V-193-B01 (0-			1500						
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other _____									
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample							Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown							☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months		
Special Instructions/QC Requirements & Comments: * SPLP analysis based on TCLP results									
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No		Cooler Temp (°C) Obs'd _____ Corr'd _____		Therm ID No _____			
Relinquished by: [Signature]		Company WSP		Date/Time 7-1-25		Received by		Company	
Relinquished by		Company		Date/Time 1010		Received by		Company	
Relinquished by		Company		Date/Time		Received in Laboratory by [Signature]		Company EETA	
								Date/Time 07/01/25 1010	

Login Sample Receipt Checklist

Client: WSP USA Inc

Job Number: 500-270891-1

Login Number: 270891

List Source: Eurofins Chicago

List Number: 1

Creator: Hernandez, Stephanie

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.8,3.3,2.6
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



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 290 (Interstate 290) Office Phone Number, if available: _____

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

3500-3600 blocks of I-290 (ISGS #3055V-2)

City: Chicago State: IL Zip Code: 60624

County: Cook Township: NA

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

Latitude: 41.87403 Longitude: - 87.71533

(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): _____ Approximate End Date (mm/dd/yyyy): _____

Estimated Volume of debris (cu. Yd.): 173

II. Owner/Operator Information for Source Site

Site Owner

Name: Illinois Department of Transportation

Street Address: 201 West Center Court

PO Box: _____

City: Schaumburg State: IL

Zip Code: 60196-1096 Phone: 847-705-4122

Contact: Jeffrey Williams

Email, if available: Jeffrey.Williams@illinois.gov

Site Operator

Name: Illinois Department of Transportation

Street Address: 201 West Center Court

PO Box: _____

City: Schaumburg State: IL

Zip Code: 60196-1096 Phone: 847-705-4122

Contact: Jeffrey Williams

Email, if available: Jeffrey.Williams@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)l:

Location 3055V-02-B03 was sampled within the construction zone adjacent to ISGS #3055V-2 (CTA Tracks and Station). Refer to PSI Report for ISGS #3055V-2 (CTA Tracks and Station).

- 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

See attached data summary table and associated laboratory data package J271002-1.

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

I, Matt Weiss (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: WSP USA
Street Address: 30 N. LaSalle Suite 4200
City: Chicago State: IL Zip Code: 60602
Phone: 312-981-2044

Matt Weiss
Printed Name:



Licensed Professional Engineer or
Licensed Professional Geologist Signature:

10/16/25

Date:



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

Analytical Data Summary
PTB #196-002; Work Order 55A - IDOT Job # D-91-359-20

Key to Data Tables

- MAC = Maximum Allowable Concentration of Chemical Constituent in
Uncontaminated Soil Used as Fill Material At Regulated Fill Operations
- mg/kg = Milligrams per kilogram.
- mg/L = Milligrams per liter.
- MSA = Metropolitan Statistical Area
- TACO = Tiered Approach to Corrective Action Objectives
- TCLP = Toxicity Characteristic Leaching Procedure.
- SCGIER = Soil Component of the Groundwater Ingestion Exposure Route
- SPLP = Synthetic Precipitation Leaching Procedure.
- ND = Not detected.
- NA = Not analyzed or not applicable.
- J = Estimated value.
- U = Analyte was analyzed for but not detected.
- PID = Photoionization detector.
- = No PID readings detected above background (within instrument margin of error).

Criteria Qualifiers and Shading

- # = pH is less than 6.25 or greater than 9.0 standard units.
- † = Concentration exceeds the most stringent MAC.
- m = Concentration exceeds the MAC for an MSA.
- * = Concentration exceeds the MAC for Chicago corporate limits.
- c = Concentration exceeds a TACO Tier 1 RO for the Construction Worker Exposure Route.
- r = Concentration exceeds a TACO Tier 1 soil RO for residential properties.
- L = The detected TCLP/SPLP concentration exceeds the TACO Tier 1 RO for the SCGIER.
-  = Headspace reading exceeds background levels
-  = Concentration exceeds the most stringent MAC, but is below the MAC for an MSA.
-  = Concentration exceeds applicable comparison criteria.

PTB #196-002; Work Order 55A - IDOT Job # D-91-359-20
CONTAMINANTS OF CONCERN

SITE	ISGS #3055V-2 (CTA Tracks and Station)	Comparison Criteria					
BORING	3055V-02-B03	MACs			TACO		
SAMPLE	3055V-02-B03 (0-6)	Most Stringent	Within an MSA	Within Chicago	Residential	Construction Worker	SCGIER
MATRIX	Soil						
DEPTH (feet)	0-6						
pH	7.2						
PID (meter units)	--						
VOCs (None Detected)							
SVOCs (mg/kg)							
Pyrene	0.011 J	2,300	--	18	2,300	61,000	--
Inorganics (mg/kg)							
Barium	8.7	1,500	--	--	5,500	14,000	--
Beryllium	0.13 J	22	--	--	160	410	--
Boron	3.7	40	--	--	16,000	41,000	--
Chromium	3.1	21	--	--	230	690	--
Cobalt	1.7	20	--	--	4,700	12,000	--
Copper	1.1	2,900	--	--	2,900	8,200	--
Iron	6,800	15,000	15,900	--	--	--	--
Lead	3.5	107	--	--	400	700	--
Magnesium	18,000	325,000	--	--	--	730,000	--
Manganese	160	630	636	--	1,600	4,100	--
Nickel	3.2	100	--	--	1,600	4,100	--
Silver	0.24 J	4.4	--	--	390	1,000	--
Vanadium	6.7	550	--	--	550	1,400	--
Zinc	12	5,100	--	--	23,000	61,000	--
TCLP Metals (mg/L)							
Barium	0.17	--	--	--	--	--	2
Cadmium	0.00079 J	--	--	--	--	--	0.005
Cobalt	0.0058	--	--	--	--	--	1
Iron	3.8	--	--	--	--	--	5
Manganese	1.1 L	--	--	--	--	--	0.15
Nickel	0.0052 J	--	--	--	--	--	0.1
Zinc	0.020 J	--	--	--	--	--	5
SPLP Metals (mg/L)							
Manganese	0.0058 J	--	--	--	--	--	0.15

ANALYTICAL REPORT

PREPARED FOR

Attn: Dean Tiebout
WSP USA Inc
30 North LaSalle Street
Chicago, Illinois 60602

Generated 7/16/2025 4:31:29 PM

JOB DESCRIPTION

IDOT - 196-002-WO55A I-290 Central Park

JOB NUMBER

500-271002-1

Eurofins Chicago

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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

Authorization



Generated
7/16/2025 4:31:29 PM

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

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Case Narrative

Client: WSP USA Inc
Project: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-271002-1

Job ID: 500-271002-1

Eurofins Chicago

Job Narrative 500-271002-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 7/2/2025 5:16 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.0°C.

GC/MS VOA

Method 8260D: Surrogate recovery for the following sample was outside the upper control limit: 3055V-02-B02 (0-6) (500-271002-2). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8260D: Internal standard (1,4-Dichlorobenzene-d4) response was outside of acceptance limits for the following sample: 3055V-02-B02 (0-6) (500-271002-2). The sample did not have detects of requested analytes using this internal standard.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 500-824997 was outside the method criteria for the following analyte(s): Chloromethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D: The laboratory control sample (LCS) for analytical batch 500-824997 recovered outside control limits for the following analytes: Chloromethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The method blank for analytical batch 500-824997 contained Chloroform above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 500-824850 was outside the method criteria for the following analyte(s): 2,4-Dinitrophenol and Hexachlorocyclopentadiene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270E: The continuing calibration verification (CCV) analyzed in 500-824850 was outside the method criteria for the following analyte(s): 2,4,6-Tribromophenol (Surr). As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270E: The method blank for preparation batch 500-824601 contained Diethyl phthalate above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

Method 8270E: The laboratory control sample (LCS) for preparation batch 500-824601 and analytical batch 500-824795 recovered outside control limits for the following analytes: Hexachlorocyclopentadiene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E: The continuing calibration verification (CCV) analyzed in 500-824993 was outside the method criteria for the

Eurofins Chicago

Case Narrative

Client: WSP USA Inc
Project: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-271002-1

Job ID: 500-271002-1 (Continued)

Eurofins Chicago

following analyte(s): 2,4,6-Tribromophenol (Surr). As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals

Method 6010D: The method blank for preparation batch 500-824533 and analytical batch 500-825222 contained Antimony and Arsenic above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6010D: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3055V-02-B01 (0-6) (500-271002-1) and 3055V-02-B04 (0-6) (500-271002-4). Elevated reporting limits (RLs) are provided.

Method 6010D: The following samples were diluted due to the abundance of non-target analytes: 3055V-02-B02 (0-6) (500-271002-2) and 3055V-02-B04 (0-6) (500-271002-4). Elevated reporting limits (RLs) are provided.

Method 6010D - TCLP: The method blank for preparation batch 500-825094 and 500-825324 and analytical batch 500-825582 contained Barium and Boron above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6010D - TCLP: The method blank for preparation batch 500-825006 and 500-825298 and analytical batch 500-825584 contained Barium, Chromium and Zinc above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6010D - TCLP: The following sample was diluted to bring the concentration of target analytes within the calibration range: 3055V-02-B02 (0-6) (500-271002-2). Elevated reporting limits (RLs) are provided.

Method 6010D - TCLP: The method blank for preparation batch 500-825347 and 500-825495 and analytical batch 500-826004 contained Barium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Chicago

Detection Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-271002-1

Client Sample ID: 3055V-02-B01 (0-6)

Lab Sample ID: 500-271002-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloroform	0.0018	J B	0.0024	0.0017	mg/Kg	1	✱		8260D	Total/NA
Anthracene	0.052		0.035	0.0072	mg/Kg	1	✱		8270E	Total/NA
Benzo[a]anthracene	0.13		0.035	0.0075	mg/Kg	1	✱		8270E	Total/NA
Benzo[a]pyrene	0.13		0.035	0.034	mg/Kg	1	✱		8270E	Total/NA
Benzo[b]fluoranthene	0.15		0.035	0.034	mg/Kg	1	✱		8270E	Total/NA
Benzo[g,h,i]perylene	0.099		0.035	0.016	mg/Kg	1	✱		8270E	Total/NA
Benzo[k]fluoranthene	0.051		0.035	0.013	mg/Kg	1	✱		8270E	Total/NA
Carbazole	0.030	J	0.18	0.014	mg/Kg	1	✱		8270E	Total/NA
Chrysene	0.13		0.035	0.0094	mg/Kg	1	✱		8270E	Total/NA
Dibenz[a,h]anthracene	0.044		0.035	0.035	mg/Kg	1	✱		8270E	Total/NA
Diethyl phthalate	0.047	J B	0.18	0.016	mg/Kg	1	✱		8270E	Total/NA
Fluoranthene	0.37		0.035	0.0082	mg/Kg	1	✱		8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.11		0.035	0.035	mg/Kg	1	✱		8270E	Total/NA
Phenanthrene	0.26		0.035	0.0077	mg/Kg	1	✱		8270E	Total/NA
Pyrene	0.25		0.035	0.0097	mg/Kg	1	✱		8270E	Total/NA
Antimony	0.90	J B	1.1	0.21	mg/Kg	1	✱		6010D	Total/NA
Arsenic	3.2	B	0.53	0.18	mg/Kg	1	✱		6010D	Total/NA
Barium	21		0.53	0.060	mg/Kg	1	✱		6010D	Total/NA
Beryllium	0.28		0.21	0.049	mg/Kg	1	✱		6010D	Total/NA
Boron	22		2.6	0.25	mg/Kg	1	✱		6010D	Total/NA
Cadmium	0.16		0.11	0.019	mg/Kg	1	✱		6010D	Total/NA
Chromium	6.1		0.53	0.26	mg/Kg	1	✱		6010D	Total/NA
Cobalt	4.0		0.26	0.069	mg/Kg	1	✱		6010D	Total/NA
Copper	13		0.53	0.15	mg/Kg	1	✱		6010D	Total/NA
Iron	5500		110	55	mg/Kg	10	✱		6010D	Total/NA
Lead	22		2.6	1.2	mg/Kg	10	✱		6010D	Total/NA
Magnesium	87000		53	26	mg/Kg	10	✱		6010D	Total/NA
Manganese	270		0.53	0.077	mg/Kg	1	✱		6010D	Total/NA
Nickel	7.7		0.53	0.15	mg/Kg	1	✱		6010D	Total/NA
Thallium	0.44	J	0.53	0.26	mg/Kg	1	✱		6010D	Total/NA
Vanadium	7.1		0.26	0.062	mg/Kg	1	✱		6010D	Total/NA
Zinc	34		1.1	0.46	mg/Kg	1	✱		6010D	Total/NA
Arsenic	0.0042	J	0.010	0.0037	mg/L	1			6010D	TCPLP
Barium	0.54	B	0.010	0.0012	mg/L	1			6010D	TCPLP
Boron	0.076	J B	0.50	0.0056	mg/L	1			6010D	TCPLP
Cadmium	0.0045	J	0.0050	0.00043	mg/L	1			6010D	TCPLP
Chromium	0.0018	J	0.010	0.0017	mg/L	1			6010D	TCPLP
Cobalt	0.056		0.0050	0.00078	mg/L	1			6010D	TCPLP
Manganese	4.3		0.010	0.0023	mg/L	1			6010D	TCPLP
Nickel	0.030		0.010	0.0048	mg/L	1			6010D	TCPLP
Zinc	0.010	J	0.50	0.0050	mg/L	1			6010D	TCPLP
Manganese	0.87	B	0.010	0.0023	mg/L	1			6010D	SPLP East
Mercury	0.0083	J	0.017	0.0072	mg/Kg	1	✱		7471B	Total/NA
pH	11.6		0.2	0.2	SU	1			9045D	Total/NA

Client Sample ID: 3055V-02-B02 (0-6)

Lab Sample ID: 500-271002-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloroform	0.0012	J B	0.0015	0.0011	mg/Kg	1	✱		8260D	Total/NA
2-Methylnaphthalene	0.071	J	0.075	0.0075	mg/Kg	1	✱		8270E	Total/NA
Benzo[g,h,i]perylene	0.046		0.037	0.017	mg/Kg	1	✱		8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Detection Summary

Client: WSP USA Inc

Job ID: 500-271002-1

Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Client Sample ID: 3055V-02-B02 (0-6) (Continued)

Lab Sample ID: 500-271002-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chrysene	0.040		0.037	0.0098	mg/Kg	1	✱		8270E	Total/NA
Dibenzofuran	0.031	J	0.19	0.013	mg/Kg	1	✱		8270E	Total/NA
Phenanthrene	0.14		0.037	0.0081	mg/Kg	1	✱		8270E	Total/NA
Pyrene	0.027	J	0.037	0.010	mg/Kg	1	✱		8270E	Total/NA
Antimony	0.39	J B	1.1	0.22	mg/Kg	1	✱		6010D	Total/NA
Arsenic	8.5	B	0.56	0.19	mg/Kg	1	✱		6010D	Total/NA
Barium	33		0.56	0.063	mg/Kg	1	✱		6010D	Total/NA
Beryllium	0.65		0.22	0.052	mg/Kg	1	✱		6010D	Total/NA
Boron	18		2.8	0.26	mg/Kg	1	✱		6010D	Total/NA
Cadmium	0.17		0.11	0.020	mg/Kg	1	✱		6010D	Total/NA
Chromium	14		0.56	0.28	mg/Kg	1	✱		6010D	Total/NA
Cobalt	12		0.28	0.073	mg/Kg	1	✱		6010D	Total/NA
Copper	23		0.56	0.16	mg/Kg	1	✱		6010D	Total/NA
Iron	17000		11	5.8	mg/Kg	1	✱		6010D	Total/NA
Lead	20		1.4	0.64	mg/Kg	5	✱		6010D	Total/NA
Magnesium	30000		5.6	2.8	mg/Kg	1	✱		6010D	Total/NA
Manganese	300		0.56	0.081	mg/Kg	1	✱		6010D	Total/NA
Nickel	31		0.56	0.16	mg/Kg	1	✱		6010D	Total/NA
Selenium	0.82		0.56	0.33	mg/Kg	1	✱		6010D	Total/NA
Silver	0.33		0.28	0.072	mg/Kg	1	✱		6010D	Total/NA
Thallium	0.84		0.56	0.28	mg/Kg	1	✱		6010D	Total/NA
Vanadium	17		0.28	0.066	mg/Kg	1	✱		6010D	Total/NA
Zinc	59		1.1	0.49	mg/Kg	1	✱		6010D	Total/NA
Barium	0.61	B	0.010	0.0012	mg/L	1			6010D	TCLP
Boron	0.034	J	2.5	0.028	mg/L	5			6010D	TCLP
Cadmium	0.0012	J	0.0050	0.00043	mg/L	1			6010D	TCLP
Cobalt	0.027		0.0050	0.00078	mg/L	1			6010D	TCLP
Copper	0.0027	J	0.010	0.0018	mg/L	1			6010D	TCLP
Iron	0.34	J	0.40	0.082	mg/L	1			6010D	TCLP
Manganese	1.9		0.010	0.0023	mg/L	1			6010D	TCLP
Nickel	0.067		0.010	0.0048	mg/L	1			6010D	TCLP
Zinc	0.0080	J B	0.50	0.0050	mg/L	1			6010D	TCLP
Manganese	0.88	B	0.010	0.0023	mg/L	1			6010D	SPLP East
Mercury	0.026		0.017	0.0070	mg/Kg	1	✱		7471B	Total/NA
pH	10.7		0.2	0.2	SU	1			9045D	Total/NA

Client Sample ID: 3055V-02-B03 (0-6)

Lab Sample ID: 500-271002-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloroform	0.0015	J B	0.0021	0.0015	mg/Kg	1	✱		8260D	Total/NA
Diethyl phthalate	0.027	J B	0.19	0.018	mg/Kg	1	✱		8270E	Total/NA
Pyrene	0.011	J	0.038	0.010	mg/Kg	1	✱		8270E	Total/NA
Antimony	0.36	J B	1.1	0.22	mg/Kg	1	✱		6010D	Total/NA
Arsenic	2.6	B	0.57	0.20	mg/Kg	1	✱		6010D	Total/NA
Barium	8.7		0.57	0.065	mg/Kg	1	✱		6010D	Total/NA
Beryllium	0.13	J	0.23	0.053	mg/Kg	1	✱		6010D	Total/NA
Boron	3.7		2.9	0.27	mg/Kg	1	✱		6010D	Total/NA
Chromium	3.1		0.57	0.28	mg/Kg	1	✱		6010D	Total/NA
Cobalt	1.7		0.29	0.075	mg/Kg	1	✱		6010D	Total/NA
Copper	1.1		0.57	0.16	mg/Kg	1	✱		6010D	Total/NA
Iron	6800		11	6.0	mg/Kg	1	✱		6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Detection Summary

Client: WSP USA Inc

Job ID: 500-271002-1

Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Client Sample ID: 3055V-02-B03 (0-6) (Continued)

Lab Sample ID: 500-271002-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Lead	3.5		0.29	0.13	mg/Kg	1	✱		6010D	Total/NA
Magnesium	18000		5.7	2.8	mg/Kg	1	✱		6010D	Total/NA
Manganese	160		0.57	0.083	mg/Kg	1	✱		6010D	Total/NA
Nickel	3.2		0.57	0.17	mg/Kg	1	✱		6010D	Total/NA
Silver	0.24	J	0.29	0.074	mg/Kg	1	✱		6010D	Total/NA
Vanadium	6.7		0.29	0.068	mg/Kg	1	✱		6010D	Total/NA
Zinc	12		1.1	0.50	mg/Kg	1	✱		6010D	Total/NA
Barium	0.17	B	0.010	0.0012	mg/L	1			6010D	TCPLP
Cadmium	0.00079	J	0.0050	0.00043	mg/L	1			6010D	TCPLP
Chromium	0.0020	J B	0.010	0.0017	mg/L	1			6010D	TCPLP
Cobalt	0.0058		0.0050	0.00078	mg/L	1			6010D	TCPLP
Copper	0.0033	J B	0.010	0.0018	mg/L	1			6010D	TCPLP
Iron	3.8	B	0.40	0.082	mg/L	1			6010D	TCPLP
Manganese	1.1		0.010	0.0023	mg/L	1			6010D	TCPLP
Nickel	0.0052	J	0.010	0.0048	mg/L	1			6010D	TCPLP
Zinc	0.020	J	0.50	0.0050	mg/L	1			6010D	TCPLP
Manganese	0.0058	J	0.010	0.0023	mg/L	1			6010D	SPLP East
pH	7.2		0.2	0.2	SU	1			9045D	Total/NA

Client Sample ID: 3055V-02-B04 (0-6)

Lab Sample ID: 500-271002-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloroform	0.0011	J B	0.0015	0.0011	mg/Kg	1	✱		8260D	Total/NA
Fluoranthene	0.014	J	0.035	0.0082	mg/Kg	1	✱		8270E	Total/NA
Pyrene	0.012	J	0.035	0.0096	mg/Kg	1	✱		8270E	Total/NA
Antimony	0.62	J B	0.97	0.19	mg/Kg	1	✱		6010D	Total/NA
Arsenic	3.2	B	0.49	0.17	mg/Kg	1	✱		6010D	Total/NA
Barium	180		2.4	0.28	mg/Kg	5	✱		6010D	Total/NA
Beryllium	0.40		0.19	0.045	mg/Kg	1	✱		6010D	Total/NA
Boron	88		2.4	0.23	mg/Kg	1	✱		6010D	Total/NA
Cadmium	0.17		0.097	0.018	mg/Kg	1	✱		6010D	Total/NA
Chromium	5.7		0.49	0.24	mg/Kg	1	✱		6010D	Total/NA
Cobalt	2.6		1.2	0.32	mg/Kg	5	✱		6010D	Total/NA
Copper	16		0.49	0.14	mg/Kg	1	✱		6010D	Total/NA
Iron	7300		49	25	mg/Kg	5	✱		6010D	Total/NA
Lead	8.2		2.4	1.1	mg/Kg	10	✱		6010D	Total/NA
Magnesium	84000		24	12	mg/Kg	5	✱		6010D	Total/NA
Manganese	260		0.49	0.071	mg/Kg	1	✱		6010D	Total/NA
Nickel	6.0		0.49	0.14	mg/Kg	1	✱		6010D	Total/NA
Thallium	0.51		0.49	0.24	mg/Kg	1	✱		6010D	Total/NA
Vanadium	14		1.2	0.29	mg/Kg	5	✱		6010D	Total/NA
Zinc	19		0.97	0.43	mg/Kg	1	✱		6010D	Total/NA
Barium	0.50	B	0.010	0.0012	mg/L	1			6010D	TCPLP
Boron	1.7	B	0.50	0.0056	mg/L	1			6010D	TCPLP
Chromium	0.0021	J	0.010	0.0017	mg/L	1			6010D	TCPLP
Manganese	0.32		0.010	0.0023	mg/L	1			6010D	TCPLP
Nickel	0.0066	J	0.010	0.0048	mg/L	1			6010D	TCPLP
Silver	0.0022	J	0.0050	0.0015	mg/L	1			6010D	TCPLP
Vanadium	0.0035	J	0.0050	0.00092	mg/L	1			6010D	TCPLP
pH	10.9		0.2	0.2	SU	1			9045D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Method Summary

Client: WSP USA Inc

Job ID: 500-271002-1

Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CHI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CHI
6010D	Metals (ICP)	SW846	EET CHI
6020B	Metals (ICP/MS)	SW846	EET CHI
7470A	Mercury	SW846	EET CHI
7471B	Mercury (CVAA)	SW846	EET CHI
9012B	Cyanide, Total and/or Amenable	SW846	EET CHI
9045D	pH	SW846	EET CHI
Moisture	Percent Moisture	EPA	EET CHI
1311	TCLP Extraction	SW846	EET CHI
1312	SPLP Extraction	SW846	EET CHI
3010A	Preparation, Total Metals	SW846	EET CHI
3050B	Preparation, Metals	SW846	EET CHI
3546	Microwave Extraction	SW846	EET CHI
5035	Closed System Purge and Trap	SW846	EET CHI
7470A	Preparation, Mercury	SW846	EET CHI
7471B	Preparation, Mercury	SW846	EET CHI
9010C	Cyanide, Distillation	SW846	EET CHI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

Sample Summary

Client: WSP USA Inc

Job ID: 500-271002-1

Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-271002-1	3055V-02-B01 (0-6)	Solid	07/01/25 22:40	07/02/25 17:16
500-271002-2	3055V-02-B02 (0-6)	Solid	07/01/25 23:00	07/02/25 17:16
500-271002-3	3055V-02-B03 (0-6)	Solid	07/02/25 00:00	07/02/25 17:16
500-271002-4	3055V-02-B04 (0-6)	Solid	07/02/25 00:20	07/02/25 17:16

Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-271002-1

Client Sample ID: 3055V-02-B01 (0-6)

Lab Sample ID: 500-271002-1

Date Collected: 07/01/25 22:40

Matrix: Solid

Date Received: 07/02/25 17:16

Percent Solids: 92.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.024		0.024	0.0099	mg/Kg	☆	07/02/25 19:17	07/09/25 16:32	1
Benzene	<0.0024		0.0024	0.00074	mg/Kg	☆	07/02/25 19:17	07/09/25 16:32	1
Bromodichloromethane	<0.0024		0.0024	0.00076	mg/Kg	☆	07/02/25 19:17	07/09/25 16:32	1
Bromoform	<0.0024		0.0024	0.0014	mg/Kg	☆	07/02/25 19:17	07/09/25 16:32	1
Bromomethane	<0.0059		0.0059	0.0029	mg/Kg	☆	07/02/25 19:17	07/09/25 16:32	1
2-Butanone (MEK)	<0.0059		0.0059	0.0026	mg/Kg	☆	07/02/25 19:17	07/09/25 16:32	1
Carbon disulfide	<0.0059		0.0059	0.0011	mg/Kg	☆	07/02/25 19:17	07/09/25 16:32	1
Carbon tetrachloride	<0.0024		0.0024	0.00080	mg/Kg	☆	07/02/25 19:17	07/09/25 16:32	1
Chlorobenzene	<0.0024		0.0024	0.0010	mg/Kg	☆	07/02/25 19:17	07/09/25 16:32	1
Chloroethane	<0.0059		0.0059	0.0019	mg/Kg	☆	07/02/25 19:17	07/09/25 16:32	1
Chloroform	0.0018	J B	0.0024	0.0017	mg/Kg	☆	07/02/25 19:17	07/09/25 16:32	1
Chloromethane	<0.0059	*+	0.0059	0.0011	mg/Kg	☆	07/02/25 19:17	07/09/25 16:32	1
cis-1,2-Dichloroethene	<0.0024		0.0024	0.00095	mg/Kg	☆	07/02/25 19:17	07/09/25 16:32	1
cis-1,3-Dichloropropene	<0.0024		0.0024	0.00095	mg/Kg	☆	07/02/25 19:17	07/09/25 16:32	1
Dibromochloromethane	<0.0024		0.0024	0.0011	mg/Kg	☆	07/02/25 19:17	07/09/25 16:32	1
1,2-Dibromo-3-Chloropropane	<5.9		5.9	4.1	ug/Kg	☆	07/02/25 19:17	07/09/25 16:32	1
1,1-Dichloroethane	<0.0024		0.0024	0.00089	mg/Kg	☆	07/02/25 19:17	07/09/25 16:32	1
1,2-Dichloroethane	<0.0059		0.0059	0.0015	mg/Kg	☆	07/02/25 19:17	07/09/25 16:32	1
1,1-Dichloroethene	<0.0024		0.0024	0.00097	mg/Kg	☆	07/02/25 19:17	07/09/25 16:32	1
1,2-Dichloropropane	<0.0024		0.0024	0.00061	mg/Kg	☆	07/02/25 19:17	07/09/25 16:32	1
1,3-Dichloropropene, Total	<0.0024		0.0024	0.0011	mg/Kg	☆	07/02/25 19:17	07/09/25 16:32	1
Ethylbenzene	<0.0024		0.0024	0.0012	mg/Kg	☆	07/02/25 19:17	07/09/25 16:32	1
2-Hexanone	<0.0059		0.0059	0.0036	mg/Kg	☆	07/02/25 19:17	07/09/25 16:32	1
Methylene Chloride	<0.0059		0.0059	0.0025	mg/Kg	☆	07/02/25 19:17	07/09/25 16:32	1
4-Methyl-2-pentanone (MIBK)	<0.0059		0.0059	0.0042	mg/Kg	☆	07/02/25 19:17	07/09/25 16:32	1
Methyl tert-butyl ether	<0.0024		0.0024	0.00076	mg/Kg	☆	07/02/25 19:17	07/09/25 16:32	1
Styrene	<0.0024		0.0024	0.0011	mg/Kg	☆	07/02/25 19:17	07/09/25 16:32	1
1,1,1,2-Tetrachloroethane	<0.0024		0.0024	0.0012	mg/Kg	☆	07/02/25 19:17	07/09/25 16:32	1
Tetrachloroethene	<0.0024		0.0024	0.0013	mg/Kg	☆	07/02/25 19:17	07/09/25 16:32	1
Toluene	<0.0024		0.0024	0.00047	mg/Kg	☆	07/02/25 19:17	07/09/25 16:32	1
trans-1,2-Dichloroethene	<0.0024		0.0024	0.00089	mg/Kg	☆	07/02/25 19:17	07/09/25 16:32	1
trans-1,3-Dichloropropene	<0.0024		0.0024	0.0011	mg/Kg	☆	07/02/25 19:17	07/09/25 16:32	1
1,1,1-Trichloroethane	<0.0024		0.0024	0.00096	mg/Kg	☆	07/02/25 19:17	07/09/25 16:32	1
1,1,2-Trichloroethane	<0.0024		0.0024	0.00088	mg/Kg	☆	07/02/25 19:17	07/09/25 16:32	1
Trichloroethene	<0.0024		0.0024	0.00064	mg/Kg	☆	07/02/25 19:17	07/09/25 16:32	1
Vinyl acetate	<0.0059		0.0059	0.0014	mg/Kg	☆	07/02/25 19:17	07/09/25 16:32	1
Vinyl chloride	<0.0024		0.0024	0.00096	mg/Kg	☆	07/02/25 19:17	07/09/25 16:32	1
Xylenes, Total	<0.0047		0.0047	0.00081	mg/Kg	☆	07/02/25 19:17	07/09/25 16:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		75 - 131	07/02/25 19:17	07/09/25 16:32	1
Dibromofluoromethane	100		75 - 126	07/02/25 19:17	07/09/25 16:32	1
1,2-Dichloroethane-d4 (Surr)	106		70 - 134	07/02/25 19:17	07/09/25 16:32	1
Toluene-d8 (Surr)	96		75 - 124	07/02/25 19:17	07/09/25 16:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.025	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
1,2-Dichlorobenzene	<0.18		0.18	0.014	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
1,3-Dichlorobenzene	<0.18		0.18	0.016	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-271002-1

Client Sample ID: 3055V-02-B01 (0-6)

Lab Sample ID: 500-271002-1

Date Collected: 07/01/25 22:40

Matrix: Solid

Date Received: 07/02/25 17:16

Percent Solids: 92.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.025	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
2,4,5-Trichlorophenol	<0.35		0.35	0.013	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
2,4,6-Trichlorophenol	<0.35		0.35	0.012	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
2,4-Dichlorophenol	<0.35		0.35	0.013	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
2,4-Dimethylphenol	<0.35		0.35	0.079	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
2,4-Dinitrophenol	<0.72		0.72	0.21	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
2,4-Dinitrotoluene	<0.18		0.18	0.020	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
2,6-Dinitrotoluene	<0.18		0.18	0.025	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
2-Chloronaphthalene	<0.18		0.18	0.013	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
2-Chlorophenol	<0.18		0.18	0.011	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
2-Methylnaphthalene	<0.072		0.072	0.0071	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
2-Methylphenol	<0.18		0.18	0.019	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
2-Nitroaniline	<0.18		0.18	0.019	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
2-Nitrophenol	<0.35		0.35	0.024	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
3 & 4 Methylphenol	<0.18		0.18	0.026	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.16	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
3-Nitroaniline	<0.35		0.35	0.016	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
4,6-Dinitro-2-methylphenol	<0.72		0.72	0.20	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.024	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
4-Chloro-3-methylphenol	<0.35		0.35	0.030	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
4-Chloroaniline	<0.72		0.72	0.37	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.047	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
4-Nitroaniline	<0.35		0.35	0.026	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
4-Nitrophenol	<0.72		0.72	0.38	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
Acenaphthene	<0.035		0.035	0.0072	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
Acenaphthylene	<0.035		0.035	0.0060	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
Anthracene	0.052		0.035	0.0072	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
Benzo[a]anthracene	0.13		0.035	0.0075	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
Benzo[a]pyrene	0.13		0.035	0.034	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
Benzo[b]fluoranthene	0.15		0.035	0.034	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
Benzo[g,h,i]perylene	0.099		0.035	0.016	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
Benzo[k]fluoranthene	0.051		0.035	0.013	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.013	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.016	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.14	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
Butyl benzyl phthalate	<0.18		0.18	0.018	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
Carbazole	0.030 J		0.18	0.014	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
Chrysene	0.13		0.035	0.0094	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
Dibenz(a,h)anthracene	0.044		0.035	0.035	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
Dibenzofuran	<0.18		0.18	0.013	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
Diethyl phthalate	0.047 J B		0.18	0.016	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
Dimethyl phthalate	<0.18		0.18	0.0077	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
Di-n-butyl phthalate	<0.18		0.18	0.011	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
Di-n-octyl phthalate	<0.35		0.35	0.25	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
Fluoranthene	0.37		0.035	0.0082	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
Fluorene	<0.035		0.035	0.010	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
Hexachlorobenzene	<0.072		0.072	0.0068	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
Hexachlorobutadiene	<0.18		0.18	0.020	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-271002-1

Client Sample ID: 3055V-02-B01 (0-6)

Lab Sample ID: 500-271002-1

Date Collected: 07/01/25 22:40

Matrix: Solid

Date Received: 07/02/25 17:16

Percent Solids: 92.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	<0.72	+	0.72	0.38	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
Hexachloroethane	<0.18		0.18	0.018	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
Indeno[1,2,3-cd]pyrene	0.11		0.035	0.035	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
Isophorone	<0.18		0.18	0.018	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
Naphthalene	<0.035		0.035	0.0064	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
Nitrobenzene	<0.035		0.035	0.011	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
N-Nitrosodi-n-propylamine	<0.072		0.072	0.020	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
N-Nitrosodiphenylamine	<0.18		0.18	0.070	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
Pentachlorophenol	<0.72		0.72	0.40	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
Phenanthrene	0.26		0.035	0.0077	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
Phenol	<0.18		0.18	0.015	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1
Pyrene	0.25		0.035	0.0097	mg/Kg	☆	07/07/25 07:33	07/09/25 20:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	65		31 - 166	07/07/25 07:33	07/09/25 20:20	1
Phenol-d5 (Surr)	69		30 - 153	07/07/25 07:33	07/09/25 20:20	1
Nitrobenzene-d5 (Surr)	67		37 - 147	07/07/25 07:33	07/09/25 20:20	1
2-Fluorobiphenyl (Surr)	88		43 - 145	07/07/25 07:33	07/09/25 20:20	1
2,4,6-Tribromophenol (Surr)	58		31 - 143	07/07/25 07:33	07/09/25 20:20	1
Terphenyl-d14 (Surr)	97		42 - 157	07/07/25 07:33	07/09/25 20:20	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.90	J B	1.1	0.21	mg/Kg	☆	07/03/25 14:57	07/09/25 17:57	1
Arsenic	3.2	B	0.53	0.18	mg/Kg	☆	07/03/25 14:57	07/09/25 17:57	1
Barium	21		0.53	0.060	mg/Kg	☆	07/03/25 14:57	07/09/25 17:57	1
Beryllium	0.28		0.21	0.049	mg/Kg	☆	07/03/25 14:57	07/09/25 17:57	1
Boron	22		2.6	0.25	mg/Kg	☆	07/03/25 14:57	07/09/25 17:57	1
Cadmium	0.16		0.11	0.019	mg/Kg	☆	07/03/25 14:57	07/09/25 17:57	1
Chromium	6.1		0.53	0.26	mg/Kg	☆	07/03/25 14:57	07/09/25 17:57	1
Cobalt	4.0		0.26	0.069	mg/Kg	☆	07/03/25 14:57	07/09/25 17:57	1
Copper	13		0.53	0.15	mg/Kg	☆	07/03/25 14:57	07/09/25 17:57	1
Iron	5500		110	55	mg/Kg	☆	07/03/25 14:57	07/11/25 05:37	10
Lead	22		2.6	1.2	mg/Kg	☆	07/03/25 14:57	07/11/25 05:37	10
Magnesium	87000		53	26	mg/Kg	☆	07/03/25 14:57	07/11/25 05:37	10
Manganese	270		0.53	0.077	mg/Kg	☆	07/03/25 14:57	07/09/25 17:57	1
Nickel	7.7		0.53	0.15	mg/Kg	☆	07/03/25 14:57	07/09/25 17:57	1
Selenium	<0.53		0.53	0.31	mg/Kg	☆	07/03/25 14:57	07/09/25 17:57	1
Silver	<0.26		0.26	0.068	mg/Kg	☆	07/03/25 14:57	07/09/25 17:57	1
Thallium	0.44	J	0.53	0.26	mg/Kg	☆	07/03/25 14:57	07/11/25 05:33	1
Vanadium	7.1		0.26	0.062	mg/Kg	☆	07/03/25 14:57	07/09/25 17:57	1
Zinc	34		1.1	0.46	mg/Kg	☆	07/03/25 14:57	07/09/25 17:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0042	J	0.010	0.0037	mg/L		07/10/25 14:48	07/11/25 18:36	1
Barium	0.54	B	0.010	0.0012	mg/L		07/10/25 14:48	07/11/25 18:36	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		07/10/25 14:48	07/11/25 18:36	1
Boron	0.076	J B	0.50	0.0056	mg/L		07/10/25 14:48	07/11/25 18:36	1
Cadmium	0.0045	J	0.0050	0.00043	mg/L		07/10/25 14:48	07/11/25 18:36	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-271002-1

Client Sample ID: 3055V-02-B01 (0-6)

Lab Sample ID: 500-271002-1

Date Collected: 07/01/25 22:40

Matrix: Solid

Date Received: 07/02/25 17:16

Percent Solids: 92.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.0018	J	0.010	0.0017	mg/L		07/10/25 14:48	07/11/25 18:36	1
Cobalt	0.056		0.0050	0.00078	mg/L		07/10/25 14:48	07/11/25 18:36	1
Copper	<0.010		0.010	0.0018	mg/L		07/10/25 14:48	07/11/25 18:36	1
Iron	<0.40		0.40	0.082	mg/L		07/10/25 14:48	07/11/25 18:36	1
Lead	<0.0075		0.0075	0.0027	mg/L		07/10/25 14:48	07/11/25 18:36	1
Manganese	4.3		0.010	0.0023	mg/L		07/10/25 14:48	07/11/25 18:36	1
Nickel	0.030		0.010	0.0048	mg/L		07/10/25 14:48	07/11/25 18:36	1
Selenium	<0.050		0.050	0.0053	mg/L		07/10/25 14:48	07/11/25 18:36	1
Silver	<0.0050		0.0050	0.0015	mg/L		07/10/25 14:48	07/11/25 18:36	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		07/10/25 14:48	07/11/25 18:36	1
Zinc	0.010	J	0.50	0.0050	mg/L		07/10/25 14:48	07/11/25 18:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	0.87	B	0.010	0.0023	mg/L		07/10/25 14:46	07/12/25 00:30	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0060	mg/L		07/10/25 14:48	07/14/25 17:58	1
Thallium	<0.0020		0.0020	0.0020	mg/L		07/10/25 14:48	07/14/25 17:58	1

Method: SW846 7470A - Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/11/25 11:00	07/14/25 11:00	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0083	J	0.017	0.0072	mg/Kg	☼	07/14/25 15:25	07/15/25 09:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.24		0.24	0.12	mg/Kg	☼	07/07/25 14:36	07/07/25 17:05	1
pH (SW846 9045D)	11.6		0.2	0.2	SU			07/07/25 11:20	1

Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-271002-1

Client Sample ID: 3055V-02-B02 (0-6)

Lab Sample ID: 500-271002-2

Date Collected: 07/01/25 23:00

Matrix: Solid

Date Received: 07/02/25 17:16

Percent Solids: 88.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015		0.015	0.0062	mg/Kg	☆	07/02/25 19:17	07/09/25 16:58	1
Benzene	<0.0015		0.0015	0.00046	mg/Kg	☆	07/02/25 19:17	07/09/25 16:58	1
Bromodichloromethane	<0.0015		0.0015	0.00047	mg/Kg	☆	07/02/25 19:17	07/09/25 16:58	1
Bromoform	<0.0015		0.0015	0.00086	mg/Kg	☆	07/02/25 19:17	07/09/25 16:58	1
Bromomethane	<0.0037		0.0037	0.0018	mg/Kg	☆	07/02/25 19:17	07/09/25 16:58	1
2-Butanone (MEK)	<0.0037		0.0037	0.0016	mg/Kg	☆	07/02/25 19:17	07/09/25 16:58	1
Carbon disulfide	<0.0037		0.0037	0.00068	mg/Kg	☆	07/02/25 19:17	07/09/25 16:58	1
Carbon tetrachloride	<0.0015		0.0015	0.00050	mg/Kg	☆	07/02/25 19:17	07/09/25 16:58	1
Chlorobenzene	<0.0015		0.0015	0.00062	mg/Kg	☆	07/02/25 19:17	07/09/25 16:58	1
Chloroethane	<0.0037		0.0037	0.0012	mg/Kg	☆	07/02/25 19:17	07/09/25 16:58	1
Chloroform	0.0012	J B	0.0015	0.0011	mg/Kg	☆	07/02/25 19:17	07/09/25 16:58	1
Chloromethane	<0.0037	*+	0.0037	0.00071	mg/Kg	☆	07/02/25 19:17	07/09/25 16:58	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00059	mg/Kg	☆	07/02/25 19:17	07/09/25 16:58	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00059	mg/Kg	☆	07/02/25 19:17	07/09/25 16:58	1
Dibromochloromethane	<0.0015		0.0015	0.00068	mg/Kg	☆	07/02/25 19:17	07/09/25 16:58	1
1,2-Dibromo-3-Chloropropane	<3.7	*3	3.7	2.6	ug/Kg	☆	07/02/25 19:17	07/09/25 16:58	1
1,1-Dichloroethane	<0.0015		0.0015	0.00055	mg/Kg	☆	07/02/25 19:17	07/09/25 16:58	1
1,2-Dichloroethane	<0.0037		0.0037	0.00095	mg/Kg	☆	07/02/25 19:17	07/09/25 16:58	1
1,1-Dichloroethene	<0.0015		0.0015	0.00060	mg/Kg	☆	07/02/25 19:17	07/09/25 16:58	1
1,2-Dichloropropane	<0.0015		0.0015	0.00038	mg/Kg	☆	07/02/25 19:17	07/09/25 16:58	1
1,3-Dichloropropane, Total	<0.0015		0.0015	0.00070	mg/Kg	☆	07/02/25 19:17	07/09/25 16:58	1
Ethylbenzene	<0.0015		0.0015	0.00077	mg/Kg	☆	07/02/25 19:17	07/09/25 16:58	1
2-Hexanone	<0.0037		0.0037	0.0022	mg/Kg	☆	07/02/25 19:17	07/09/25 16:58	1
Methylene Chloride	<0.0037		0.0037	0.0016	mg/Kg	☆	07/02/25 19:17	07/09/25 16:58	1
4-Methyl-2-pentanone (MIBK)	<0.0037		0.0037	0.0026	mg/Kg	☆	07/02/25 19:17	07/09/25 16:58	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00047	mg/Kg	☆	07/02/25 19:17	07/09/25 16:58	1
Styrene	<0.0015		0.0015	0.00066	mg/Kg	☆	07/02/25 19:17	07/09/25 16:58	1
1,1,1,2-Tetrachloroethane	<0.0015	*3	0.0015	0.00073	mg/Kg	☆	07/02/25 19:17	07/09/25 16:58	1
Tetrachloroethene	<0.0015		0.0015	0.00082	mg/Kg	☆	07/02/25 19:17	07/09/25 16:58	1
Toluene	<0.0015		0.0015	0.00030	mg/Kg	☆	07/02/25 19:17	07/09/25 16:58	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00056	mg/Kg	☆	07/02/25 19:17	07/09/25 16:58	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00070	mg/Kg	☆	07/02/25 19:17	07/09/25 16:58	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00059	mg/Kg	☆	07/02/25 19:17	07/09/25 16:58	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00055	mg/Kg	☆	07/02/25 19:17	07/09/25 16:58	1
Trichloroethene	<0.0015		0.0015	0.00040	mg/Kg	☆	07/02/25 19:17	07/09/25 16:58	1
Vinyl acetate	<0.0037		0.0037	0.00088	mg/Kg	☆	07/02/25 19:17	07/09/25 16:58	1
Vinyl chloride	<0.0015		0.0015	0.00060	mg/Kg	☆	07/02/25 19:17	07/09/25 16:58	1
Xylenes, Total	<0.0029		0.0029	0.00050	mg/Kg	☆	07/02/25 19:17	07/09/25 16:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	158	S1+ *3	75 - 131	07/02/25 19:17	07/09/25 16:58	1
Dibromofluoromethane	105		75 - 126	07/02/25 19:17	07/09/25 16:58	1
1,2-Dichloroethane-d4 (Surr)	112		70 - 134	07/02/25 19:17	07/09/25 16:58	1
Toluene-d8 (Surr)	123		75 - 124	07/02/25 19:17	07/09/25 16:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.027	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1
1,2-Dichlorobenzene	<0.19		0.19	0.015	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-271002-1

Client Sample ID: 3055V-02-B02 (0-6)

Lab Sample ID: 500-271002-2

Date Collected: 07/01/25 23:00

Matrix: Solid

Date Received: 07/02/25 17:16

Percent Solids: 88.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	<0.19		0.19	0.018	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.027	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1
2,4,5-Trichlorophenol	<0.37		0.37	0.014	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1
2,4,6-Trichlorophenol	<0.37		0.37	0.013	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1
2,4-Dichlorophenol	<0.37		0.37	0.013	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1
2,4-Dimethylphenol	<0.37		0.37	0.083	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1
2,4-Dinitrophenol	<0.75		0.75	0.22	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1
2,4-Dinitrotoluene	<0.19		0.19	0.021	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1
2,6-Dinitrotoluene	<0.19		0.19	0.026	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1
2-Methylnaphthalene	0.071	J	0.075	0.0075	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1
2-Methylphenol	<0.19		0.19	0.020	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1
2-Nitroaniline	<0.19		0.19	0.020	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1
2-Nitrophenol	<0.37		0.37	0.025	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1
3 & 4 Methylphenol	<0.19		0.19	0.027	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.16	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1
3-Nitroaniline	<0.37		0.37	0.017	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.21	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.025	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1
4-Chloro-3-methylphenol	<0.37		0.37	0.031	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1
4-Chloroaniline	<0.75		0.75	0.39	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1
4-Nitroaniline	<0.37		0.37	0.027	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1
4-Nitrophenol	<0.75		0.75	0.40	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1
Acenaphthene	<0.037		0.037	0.0076	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1
Acenaphthylene	<0.037		0.037	0.0063	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1
Anthracene	<0.037		0.037	0.0076	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1
Benzo[a]anthracene	<0.037		0.037	0.0079	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1
Benzo[a]pyrene	<0.037		0.037	0.036	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1
Benzo[b]fluoranthene	<0.037		0.037	0.035	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1
Benzo[g,h,i]perylene	0.046		0.037	0.017	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1
Benzo[k]fluoranthene	<0.037		0.037	0.014	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.017	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.15	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1
Butyl benzyl phthalate	<0.19		0.19	0.018	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1
Carbazole	<0.19		0.19	0.015	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1
Chrysene	0.040		0.037	0.0098	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1
Dibenz(a,h)anthracene	<0.037		0.037	0.037	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1
Dibenzofuran	0.031	J	0.19	0.013	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1
Diethyl phthalate	<0.19		0.19	0.017	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1
Dimethyl phthalate	<0.19		0.19	0.0081	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1
Di-n-octyl phthalate	<0.37		0.37	0.26	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1
Fluoranthene	<0.037		0.037	0.0086	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1
Fluorene	<0.037		0.037	0.011	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1
Hexachlorobenzene	<0.075		0.075	0.0071	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1
Hexachlorobutadiene	<0.19		0.19	0.021	mg/Kg	☆	07/07/25 07:33	07/09/25 03:04	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-271002-1

Client Sample ID: 3055V-02-B02 (0-6)

Lab Sample ID: 500-271002-2

Date Collected: 07/01/25 23:00

Matrix: Solid

Date Received: 07/02/25 17:16

Percent Solids: 88.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	<0.75	+	0.75	0.39	mg/Kg	*	07/07/25 07:33	07/09/25 03:04	1
Hexachloroethane	<0.19		0.19	0.019	mg/Kg	*	07/07/25 07:33	07/09/25 03:04	1
Indeno[1,2,3-cd]pyrene	<0.037		0.037	0.036	mg/Kg	*	07/07/25 07:33	07/09/25 03:04	1
Isophorone	<0.19		0.19	0.019	mg/Kg	*	07/07/25 07:33	07/09/25 03:04	1
Naphthalene	<0.037		0.037	0.0067	mg/Kg	*	07/07/25 07:33	07/09/25 03:04	1
Nitrobenzene	<0.037		0.037	0.012	mg/Kg	*	07/07/25 07:33	07/09/25 03:04	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.021	mg/Kg	*	07/07/25 07:33	07/09/25 03:04	1
N-Nitrosodiphenylamine	<0.19		0.19	0.074	mg/Kg	*	07/07/25 07:33	07/09/25 03:04	1
Pentachlorophenol	<0.75		0.75	0.42	mg/Kg	*	07/07/25 07:33	07/09/25 03:04	1
Phenanthrene	0.14		0.037	0.0081	mg/Kg	*	07/07/25 07:33	07/09/25 03:04	1
Phenol	<0.19		0.19	0.016	mg/Kg	*	07/07/25 07:33	07/09/25 03:04	1
Pyrene	0.027	J	0.037	0.010	mg/Kg	*	07/07/25 07:33	07/09/25 03:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	71		31 - 166	07/07/25 07:33	07/09/25 03:04	1
Phenol-d5 (Surr)	72		30 - 153	07/07/25 07:33	07/09/25 03:04	1
Nitrobenzene-d5 (Surr)	69		37 - 147	07/07/25 07:33	07/09/25 03:04	1
2-Fluorobiphenyl (Surr)	87		43 - 145	07/07/25 07:33	07/09/25 03:04	1
2,4,6-Tribromophenol (Surr)	51		31 - 143	07/07/25 07:33	07/09/25 03:04	1
Terphenyl-d14 (Surr)	97		42 - 157	07/07/25 07:33	07/09/25 03:04	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.39	J B	1.1	0.22	mg/Kg	*	07/03/25 14:57	07/09/25 18:02	1
Arsenic	8.5	B	0.56	0.19	mg/Kg	*	07/03/25 14:57	07/09/25 18:02	1
Barium	33		0.56	0.063	mg/Kg	*	07/03/25 14:57	07/09/25 18:02	1
Beryllium	0.65		0.22	0.052	mg/Kg	*	07/03/25 14:57	07/09/25 18:02	1
Boron	18		2.8	0.26	mg/Kg	*	07/03/25 14:57	07/09/25 18:02	1
Cadmium	0.17		0.11	0.020	mg/Kg	*	07/03/25 14:57	07/09/25 18:02	1
Chromium	14		0.56	0.28	mg/Kg	*	07/03/25 14:57	07/09/25 18:02	1
Cobalt	12		0.28	0.073	mg/Kg	*	07/03/25 14:57	07/09/25 18:02	1
Copper	23		0.56	0.16	mg/Kg	*	07/03/25 14:57	07/09/25 18:02	1
Iron	17000		11	5.8	mg/Kg	*	07/03/25 14:57	07/09/25 18:02	1
Lead	20		1.4	0.64	mg/Kg	*	07/03/25 14:57	07/11/25 05:55	5
Magnesium	30000		5.6	2.8	mg/Kg	*	07/03/25 14:57	07/09/25 18:02	1
Manganese	300		0.56	0.081	mg/Kg	*	07/03/25 14:57	07/09/25 18:02	1
Nickel	31		0.56	0.16	mg/Kg	*	07/03/25 14:57	07/09/25 18:02	1
Selenium	0.82		0.56	0.33	mg/Kg	*	07/03/25 14:57	07/11/25 05:50	1
Silver	0.33		0.28	0.072	mg/Kg	*	07/03/25 14:57	07/09/25 18:02	1
Thallium	0.84		0.56	0.28	mg/Kg	*	07/03/25 14:57	07/11/25 05:50	1
Vanadium	17		0.28	0.066	mg/Kg	*	07/03/25 14:57	07/09/25 18:02	1
Zinc	59		1.1	0.49	mg/Kg	*	07/03/25 14:57	07/09/25 18:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.010	0.0037	mg/L		07/10/25 13:24	07/11/25 16:42	1
Barium	0.61	B	0.010	0.0012	mg/L		07/10/25 13:24	07/11/25 16:42	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		07/10/25 13:24	07/11/25 16:42	1
Boron	0.034	J	2.5	0.028	mg/L		07/10/25 13:24	07/14/25 22:18	5
Cadmium	0.0012	J	0.0050	0.00043	mg/L		07/10/25 13:24	07/11/25 16:42	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-271002-1

Client Sample ID: 3055V-02-B02 (0-6)

Lab Sample ID: 500-271002-2

Date Collected: 07/01/25 23:00

Matrix: Solid

Date Received: 07/02/25 17:16

Percent Solids: 88.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.010		0.010	0.0017	mg/L		07/10/25 13:24	07/11/25 16:42	1
Cobalt	0.027		0.0050	0.00078	mg/L		07/10/25 13:24	07/11/25 16:42	1
Copper	0.0027	J	0.010	0.0018	mg/L		07/10/25 13:24	07/11/25 16:42	1
Iron	0.34	J	0.40	0.082	mg/L		07/10/25 13:24	07/11/25 16:42	1
Lead	<0.0075		0.0075	0.0027	mg/L		07/10/25 13:24	07/11/25 16:42	1
Manganese	1.9		0.010	0.0023	mg/L		07/10/25 13:24	07/11/25 16:42	1
Nickel	0.067		0.010	0.0048	mg/L		07/10/25 13:24	07/11/25 16:42	1
Selenium	<0.050		0.050	0.0053	mg/L		07/10/25 13:24	07/11/25 16:42	1
Silver	<0.0050		0.0050	0.0015	mg/L		07/10/25 13:24	07/11/25 16:42	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		07/10/25 13:24	07/11/25 16:42	1
Zinc	0.0080	J B	0.50	0.0050	mg/L		07/10/25 13:24	07/11/25 16:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	0.88	B	0.010	0.0023	mg/L		07/10/25 14:46	07/12/25 00:34	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0060	mg/L		07/10/25 13:24	07/14/25 17:46	1
Thallium	<0.0020		0.0020	0.0020	mg/L		07/10/25 13:24	07/14/25 17:46	1

Method: SW846 7470A - Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/14/25 10:25	07/15/25 09:28	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.026		0.017	0.0070	mg/Kg	☼	07/14/25 15:25	07/15/25 09:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.24		0.24	0.12	mg/Kg	☼	07/07/25 14:36	07/07/25 17:07	1
pH (SW846 9045D)	10.7		0.2	0.2	SU			07/07/25 11:23	1

Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-271002-1

Client Sample ID: 3055V-02-B03 (0-6)

Lab Sample ID: 500-271002-3

Date Collected: 07/02/25 00:00

Matrix: Solid

Date Received: 07/02/25 17:16

Percent Solids: 82.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.021		0.021	0.0089	mg/Kg	☆	07/02/25 19:17	07/09/25 17:25	1
Benzene	<0.0021		0.0021	0.00066	mg/Kg	☆	07/02/25 19:17	07/09/25 17:25	1
Bromodichloromethane	<0.0021		0.0021	0.00068	mg/Kg	☆	07/02/25 19:17	07/09/25 17:25	1
Bromoform	<0.0021		0.0021	0.0012	mg/Kg	☆	07/02/25 19:17	07/09/25 17:25	1
Bromomethane	<0.0053		0.0053	0.0026	mg/Kg	☆	07/02/25 19:17	07/09/25 17:25	1
2-Butanone (MEK)	<0.0053		0.0053	0.0023	mg/Kg	☆	07/02/25 19:17	07/09/25 17:25	1
Carbon disulfide	<0.0053		0.0053	0.00097	mg/Kg	☆	07/02/25 19:17	07/09/25 17:25	1
Carbon tetrachloride	<0.0021		0.0021	0.00072	mg/Kg	☆	07/02/25 19:17	07/09/25 17:25	1
Chlorobenzene	<0.0021		0.0021	0.00089	mg/Kg	☆	07/02/25 19:17	07/09/25 17:25	1
Chloroethane	<0.0053		0.0053	0.0017	mg/Kg	☆	07/02/25 19:17	07/09/25 17:25	1
Chloroform	0.0015	J B	0.0021	0.0015	mg/Kg	☆	07/02/25 19:17	07/09/25 17:25	1
Chloromethane	<0.0053	*+	0.0053	0.0010	mg/Kg	☆	07/02/25 19:17	07/09/25 17:25	1
cis-1,2-Dichloroethene	<0.0021		0.0021	0.00085	mg/Kg	☆	07/02/25 19:17	07/09/25 17:25	1
cis-1,3-Dichloropropene	<0.0021		0.0021	0.00085	mg/Kg	☆	07/02/25 19:17	07/09/25 17:25	1
Dibromochloromethane	<0.0021		0.0021	0.00098	mg/Kg	☆	07/02/25 19:17	07/09/25 17:25	1
1,2-Dibromo-3-Chloropropane	<5.3		5.3	3.7	ug/Kg	☆	07/02/25 19:17	07/09/25 17:25	1
1,1-Dichloroethane	<0.0021		0.0021	0.00080	mg/Kg	☆	07/02/25 19:17	07/09/25 17:25	1
1,2-Dichloroethane	<0.0053		0.0053	0.0014	mg/Kg	☆	07/02/25 19:17	07/09/25 17:25	1
1,1-Dichloroethene	<0.0021		0.0021	0.00087	mg/Kg	☆	07/02/25 19:17	07/09/25 17:25	1
1,2-Dichloropropane	<0.0021		0.0021	0.00054	mg/Kg	☆	07/02/25 19:17	07/09/25 17:25	1
1,3-Dichloropropene, Total	<0.0021		0.0021	0.0010	mg/Kg	☆	07/02/25 19:17	07/09/25 17:25	1
Ethylbenzene	<0.0021		0.0021	0.0011	mg/Kg	☆	07/02/25 19:17	07/09/25 17:25	1
2-Hexanone	<0.0053		0.0053	0.0032	mg/Kg	☆	07/02/25 19:17	07/09/25 17:25	1
Methylene Chloride	<0.0053		0.0053	0.0023	mg/Kg	☆	07/02/25 19:17	07/09/25 17:25	1
4-Methyl-2-pentanone (MIBK)	<0.0053		0.0053	0.0038	mg/Kg	☆	07/02/25 19:17	07/09/25 17:25	1
Methyl tert-butyl ether	<0.0021		0.0021	0.00068	mg/Kg	☆	07/02/25 19:17	07/09/25 17:25	1
Styrene	<0.0021		0.0021	0.00095	mg/Kg	☆	07/02/25 19:17	07/09/25 17:25	1
1,1,2,2-Tetrachloroethane	<0.0021		0.0021	0.0010	mg/Kg	☆	07/02/25 19:17	07/09/25 17:25	1
Tetrachloroethene	<0.0021		0.0021	0.0012	mg/Kg	☆	07/02/25 19:17	07/09/25 17:25	1
Toluene	<0.0021		0.0021	0.00042	mg/Kg	☆	07/02/25 19:17	07/09/25 17:25	1
trans-1,2-Dichloroethene	<0.0021		0.0021	0.00080	mg/Kg	☆	07/02/25 19:17	07/09/25 17:25	1
trans-1,3-Dichloropropene	<0.0021		0.0021	0.0010	mg/Kg	☆	07/02/25 19:17	07/09/25 17:25	1
1,1,1-Trichloroethane	<0.0021		0.0021	0.00085	mg/Kg	☆	07/02/25 19:17	07/09/25 17:25	1
1,1,2-Trichloroethane	<0.0021		0.0021	0.00079	mg/Kg	☆	07/02/25 19:17	07/09/25 17:25	1
Trichloroethene	<0.0021		0.0021	0.00057	mg/Kg	☆	07/02/25 19:17	07/09/25 17:25	1
Vinyl acetate	<0.0053		0.0053	0.0013	mg/Kg	☆	07/02/25 19:17	07/09/25 17:25	1
Vinyl chloride	<0.0021		0.0021	0.00086	mg/Kg	☆	07/02/25 19:17	07/09/25 17:25	1
Xylenes, Total	<0.0042		0.0042	0.00072	mg/Kg	☆	07/02/25 19:17	07/09/25 17:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		75 - 131	07/02/25 19:17	07/09/25 17:25	1
Dibromofluoromethane	100		75 - 126	07/02/25 19:17	07/09/25 17:25	1
1,2-Dichloroethane-d4 (Surr)	107		70 - 134	07/02/25 19:17	07/09/25 17:25	1
Toluene-d8 (Surr)	100		75 - 124	07/02/25 19:17	07/09/25 17:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.027	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1
1,2-Dichlorobenzene	<0.19		0.19	0.016	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-271002-1

Client Sample ID: 3055V-02-B03 (0-6)

Lab Sample ID: 500-271002-3

Date Collected: 07/02/25 00:00

Matrix: Solid

Date Received: 07/02/25 17:16

Percent Solids: 82.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	<0.19		0.19	0.018	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.027	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1
2,4,5-Trichlorophenol	<0.38		0.38	0.014	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1
2,4,6-Trichlorophenol	<0.38		0.38	0.013	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1
2,4-Dichlorophenol	<0.38		0.38	0.014	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1
2,4-Dimethylphenol	<0.38		0.38	0.086	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1
2,4-Dinitrophenol	<0.77		0.77	0.22	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1
2,4-Dinitrotoluene	<0.19		0.19	0.022	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1
2,6-Dinitrotoluene	<0.19		0.19	0.027	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1
2-Methylnaphthalene	<0.077		0.077	0.0077	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1
2-Methylphenol	<0.19		0.19	0.020	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1
2-Nitroaniline	<0.19		0.19	0.021	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1
2-Nitrophenol	<0.38		0.38	0.026	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1
3 & 4 Methylphenol	<0.19		0.19	0.028	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.17	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1
3-Nitroaniline	<0.38		0.38	0.017	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1
4,6-Dinitro-2-methylphenol	<0.77		0.77	0.22	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.026	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1
4-Chloro-3-methylphenol	<0.38		0.38	0.032	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1
4-Chloroaniline	<0.77		0.77	0.40	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1
4-Nitroaniline	<0.38		0.38	0.028	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1
4-Nitrophenol	<0.77		0.77	0.41	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1
Acenaphthene	<0.038		0.038	0.0078	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1
Acenaphthylene	<0.038		0.038	0.0065	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1
Anthracene	<0.038		0.038	0.0078	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1
Benzo[a]anthracene	<0.038		0.038	0.0081	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1
Benzo[a]pyrene	<0.038		0.038	0.037	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1
Benzo[b]fluoranthene	<0.038		0.038	0.036	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1
Benzo[g,h,i]perylene	<0.038		0.038	0.017	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1
Benzo[k]fluoranthene	<0.038		0.038	0.015	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.018	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.15	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1
Butyl benzyl phthalate	<0.19		0.19	0.019	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1
Carbazole	<0.19		0.19	0.015	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1
Chrysene	<0.038		0.038	0.010	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1
Dibenz(a,h)anthracene	<0.038		0.038	0.038	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1
Dibenzofuran	<0.19		0.19	0.014	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1
Diethyl phthalate	0.027	J B	0.19	0.018	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1
Dimethyl phthalate	<0.19		0.19	0.0083	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1
Di-n-octyl phthalate	<0.38		0.38	0.27	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1
Fluoranthene	<0.038		0.038	0.0089	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1
Fluorene	<0.038		0.038	0.011	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1
Hexachlorobenzene	<0.077		0.077	0.0073	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1
Hexachlorobutadiene	<0.19		0.19	0.022	mg/Kg	☆	07/07/25 07:33	07/08/25 23:32	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-271002-1

Client Sample ID: 3055V-02-B03 (0-6)

Lab Sample ID: 500-271002-3

Date Collected: 07/02/25 00:00

Matrix: Solid

Date Received: 07/02/25 17:16

Percent Solids: 82.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	<0.77	+	0.77	0.41	mg/Kg	*	07/07/25 07:33	07/08/25 23:32	1
Hexachloroethane	<0.19		0.19	0.019	mg/Kg	*	07/07/25 07:33	07/08/25 23:32	1
Indeno[1,2,3-cd]pyrene	<0.038		0.038	0.037	mg/Kg	*	07/07/25 07:33	07/08/25 23:32	1
Isophorone	<0.19		0.19	0.020	mg/Kg	*	07/07/25 07:33	07/08/25 23:32	1
Naphthalene	<0.038		0.038	0.0069	mg/Kg	*	07/07/25 07:33	07/08/25 23:32	1
Nitrobenzene	<0.038		0.038	0.012	mg/Kg	*	07/07/25 07:33	07/08/25 23:32	1
N-Nitrosodi-n-propylamine	<0.077		0.077	0.022	mg/Kg	*	07/07/25 07:33	07/08/25 23:32	1
N-Nitrosodiphenylamine	<0.19		0.19	0.076	mg/Kg	*	07/07/25 07:33	07/08/25 23:32	1
Pentachlorophenol	<0.77		0.77	0.43	mg/Kg	*	07/07/25 07:33	07/08/25 23:32	1
Phenanthrene	<0.038		0.038	0.0083	mg/Kg	*	07/07/25 07:33	07/08/25 23:32	1
Phenol	<0.19		0.19	0.017	mg/Kg	*	07/07/25 07:33	07/08/25 23:32	1
Pyrene	0.011	J	0.038	0.010	mg/Kg	*	07/07/25 07:33	07/08/25 23:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	77		31 - 166	07/07/25 07:33	07/08/25 23:32	1
Phenol-d5 (Surr)	73		30 - 153	07/07/25 07:33	07/08/25 23:32	1
Nitrobenzene-d5 (Surr)	75		37 - 147	07/07/25 07:33	07/08/25 23:32	1
2-Fluorobiphenyl (Surr)	89		43 - 145	07/07/25 07:33	07/08/25 23:32	1
2,4,6-Tribromophenol (Surr)	98		31 - 143	07/07/25 07:33	07/08/25 23:32	1
Terphenyl-d14 (Surr)	89		42 - 157	07/07/25 07:33	07/08/25 23:32	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.36	J B	1.1	0.22	mg/Kg	*	07/03/25 14:57	07/09/25 18:07	1
Arsenic	2.6	B	0.57	0.20	mg/Kg	*	07/03/25 14:57	07/09/25 18:07	1
Barium	8.7		0.57	0.065	mg/Kg	*	07/03/25 14:57	07/09/25 18:07	1
Beryllium	0.13	J	0.23	0.053	mg/Kg	*	07/03/25 14:57	07/09/25 18:07	1
Boron	3.7		2.9	0.27	mg/Kg	*	07/03/25 14:57	07/09/25 18:07	1
Cadmium	<0.11		0.11	0.021	mg/Kg	*	07/03/25 14:57	07/09/25 18:07	1
Chromium	3.1		0.57	0.28	mg/Kg	*	07/03/25 14:57	07/09/25 18:07	1
Cobalt	1.7		0.29	0.075	mg/Kg	*	07/03/25 14:57	07/09/25 18:07	1
Copper	1.1		0.57	0.16	mg/Kg	*	07/03/25 14:57	07/09/25 18:07	1
Iron	6800		11	6.0	mg/Kg	*	07/03/25 14:57	07/09/25 18:07	1
Lead	3.5		0.29	0.13	mg/Kg	*	07/03/25 14:57	07/09/25 18:07	1
Magnesium	18000		5.7	2.8	mg/Kg	*	07/03/25 14:57	07/09/25 18:07	1
Manganese	160		0.57	0.083	mg/Kg	*	07/03/25 14:57	07/09/25 18:07	1
Nickel	3.2		0.57	0.17	mg/Kg	*	07/03/25 14:57	07/09/25 18:07	1
Selenium	<0.57		0.57	0.34	mg/Kg	*	07/03/25 14:57	07/09/25 18:07	1
Silver	0.24	J	0.29	0.074	mg/Kg	*	07/03/25 14:57	07/09/25 18:07	1
Thallium	<0.57		0.57	0.29	mg/Kg	*	07/03/25 14:57	07/11/25 05:59	1
Vanadium	6.7		0.29	0.068	mg/Kg	*	07/03/25 14:57	07/09/25 18:07	1
Zinc	12		1.1	0.50	mg/Kg	*	07/03/25 14:57	07/09/25 18:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.010	0.0037	mg/L		07/11/25 13:50	07/15/25 01:24	1
Barium	0.17	B	0.010	0.0012	mg/L		07/11/25 13:50	07/15/25 01:24	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		07/11/25 13:50	07/15/25 12:06	1
Boron	<0.50		0.50	0.0056	mg/L		07/11/25 13:50	07/15/25 01:24	1
Cadmium	0.00079	J	0.0050	0.00043	mg/L		07/11/25 13:50	07/15/25 01:24	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-271002-1

Client Sample ID: 3055V-02-B03 (0-6)

Lab Sample ID: 500-271002-3

Date Collected: 07/02/25 00:00

Matrix: Solid

Date Received: 07/02/25 17:16

Percent Solids: 82.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.0020	J B	0.010	0.0017	mg/L		07/11/25 13:50	07/15/25 01:24	1
Cobalt	0.0058		0.0050	0.00078	mg/L		07/11/25 13:50	07/15/25 01:24	1
Copper	0.0033	J B	0.010	0.0018	mg/L		07/11/25 13:50	07/15/25 01:24	1
Iron	3.8	B	0.40	0.082	mg/L		07/11/25 13:50	07/15/25 01:24	1
Lead	<0.0075		0.0075	0.0027	mg/L		07/11/25 13:50	07/15/25 01:24	1
Manganese	1.1		0.010	0.0023	mg/L		07/11/25 13:50	07/15/25 12:06	1
Nickel	0.0052	J	0.010	0.0048	mg/L		07/11/25 13:50	07/15/25 12:06	1
Selenium	<0.050		0.050	0.0053	mg/L		07/11/25 13:50	07/15/25 01:24	1
Silver	<0.0050		0.0050	0.0015	mg/L		07/11/25 13:50	07/15/25 01:24	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		07/11/25 13:50	07/15/25 01:24	1
Zinc	0.020	J	0.50	0.0050	mg/L		07/11/25 13:50	07/15/25 01:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	0.0058	J	0.010	0.0023	mg/L		07/11/25 13:45	07/14/25 13:33	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0060	mg/L		07/11/25 13:50	07/15/25 14:08	1
Thallium	<0.0020		0.0020	0.0020	mg/L		07/11/25 13:50	07/15/25 14:08	1

Method: SW846 7470A - Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/15/25 11:35	07/16/25 10:00	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.019		0.019	0.0078	mg/Kg	☼	07/14/25 15:25	07/15/25 09:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.27		0.27	0.14	mg/Kg	☼	07/07/25 14:36	07/07/25 17:07	1
pH (SW846 9045D)	7.2		0.2	0.2	SU			07/07/25 11:28	1

Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-271002-1

Client Sample ID: 3055V-02-B04 (0-6)

Lab Sample ID: 500-271002-4

Date Collected: 07/02/25 00:20

Matrix: Solid

Date Received: 07/02/25 17:16

Percent Solids: 93.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015		0.015	0.0064	mg/Kg	☆	07/02/25 19:17	07/09/25 17:51	1
Benzene	<0.0015		0.0015	0.00048	mg/Kg	☆	07/02/25 19:17	07/09/25 17:51	1
Bromodichloromethane	<0.0015		0.0015	0.00049	mg/Kg	☆	07/02/25 19:17	07/09/25 17:51	1
Bromoform	<0.0015		0.0015	0.00089	mg/Kg	☆	07/02/25 19:17	07/09/25 17:51	1
Bromomethane	<0.0038		0.0038	0.0019	mg/Kg	☆	07/02/25 19:17	07/09/25 17:51	1
2-Butanone (MEK)	<0.0038		0.0038	0.0017	mg/Kg	☆	07/02/25 19:17	07/09/25 17:51	1
Carbon disulfide	<0.0038		0.0038	0.00070	mg/Kg	☆	07/02/25 19:17	07/09/25 17:51	1
Carbon tetrachloride	<0.0015		0.0015	0.00052	mg/Kg	☆	07/02/25 19:17	07/09/25 17:51	1
Chlorobenzene	<0.0015		0.0015	0.00064	mg/Kg	☆	07/02/25 19:17	07/09/25 17:51	1
Chloroethane	<0.0038		0.0038	0.0013	mg/Kg	☆	07/02/25 19:17	07/09/25 17:51	1
Chloroform	0.0011	J B	0.0015	0.0011	mg/Kg	☆	07/02/25 19:17	07/09/25 17:51	1
Chloromethane	<0.0038	*+	0.0038	0.00074	mg/Kg	☆	07/02/25 19:17	07/09/25 17:51	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00061	mg/Kg	☆	07/02/25 19:17	07/09/25 17:51	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00061	mg/Kg	☆	07/02/25 19:17	07/09/25 17:51	1
Dibromochloromethane	<0.0015		0.0015	0.00071	mg/Kg	☆	07/02/25 19:17	07/09/25 17:51	1
1,2-Dibromo-3-Chloropropane	<3.8		3.8	2.7	ug/Kg	☆	07/02/25 19:17	07/09/25 17:51	1
1,1-Dichloroethane	<0.0015		0.0015	0.00057	mg/Kg	☆	07/02/25 19:17	07/09/25 17:51	1
1,2-Dichloroethane	<0.0038		0.0038	0.00099	mg/Kg	☆	07/02/25 19:17	07/09/25 17:51	1
1,1-Dichloroethene	<0.0015		0.0015	0.00063	mg/Kg	☆	07/02/25 19:17	07/09/25 17:51	1
1,2-Dichloropropane	<0.0015		0.0015	0.00039	mg/Kg	☆	07/02/25 19:17	07/09/25 17:51	1
1,3-Dichloropropane, Total	<0.0015		0.0015	0.00073	mg/Kg	☆	07/02/25 19:17	07/09/25 17:51	1
Ethylbenzene	<0.0015		0.0015	0.00080	mg/Kg	☆	07/02/25 19:17	07/09/25 17:51	1
2-Hexanone	<0.0038		0.0038	0.0023	mg/Kg	☆	07/02/25 19:17	07/09/25 17:51	1
Methylene Chloride	<0.0038		0.0038	0.0016	mg/Kg	☆	07/02/25 19:17	07/09/25 17:51	1
4-Methyl-2-pentanone (MIBK)	<0.0038		0.0038	0.0027	mg/Kg	☆	07/02/25 19:17	07/09/25 17:51	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00049	mg/Kg	☆	07/02/25 19:17	07/09/25 17:51	1
Styrene	<0.0015		0.0015	0.00069	mg/Kg	☆	07/02/25 19:17	07/09/25 17:51	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00076	mg/Kg	☆	07/02/25 19:17	07/09/25 17:51	1
Tetrachloroethene	<0.0015		0.0015	0.00086	mg/Kg	☆	07/02/25 19:17	07/09/25 17:51	1
Toluene	<0.0015		0.0015	0.00031	mg/Kg	☆	07/02/25 19:17	07/09/25 17:51	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00058	mg/Kg	☆	07/02/25 19:17	07/09/25 17:51	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00073	mg/Kg	☆	07/02/25 19:17	07/09/25 17:51	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00062	mg/Kg	☆	07/02/25 19:17	07/09/25 17:51	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00057	mg/Kg	☆	07/02/25 19:17	07/09/25 17:51	1
Trichloroethene	<0.0015		0.0015	0.00041	mg/Kg	☆	07/02/25 19:17	07/09/25 17:51	1
Vinyl acetate	<0.0038		0.0038	0.00091	mg/Kg	☆	07/02/25 19:17	07/09/25 17:51	1
Vinyl chloride	<0.0015		0.0015	0.00062	mg/Kg	☆	07/02/25 19:17	07/09/25 17:51	1
Xylenes, Total	<0.0030		0.0030	0.00052	mg/Kg	☆	07/02/25 19:17	07/09/25 17:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		75 - 131	07/02/25 19:17	07/09/25 17:51	1
Dibromofluoromethane	82		75 - 126	07/02/25 19:17	07/09/25 17:51	1
1,2-Dichloroethane-d4 (Surr)	107		70 - 134	07/02/25 19:17	07/09/25 17:51	1
Toluene-d8 (Surr)	99		75 - 124	07/02/25 19:17	07/09/25 17:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.025	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1
1,2-Dichlorobenzene	<0.18		0.18	0.014	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1
1,3-Dichlorobenzene	<0.18		0.18	0.016	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-271002-1

Client Sample ID: 3055V-02-B04 (0-6)

Lab Sample ID: 500-271002-4

Date Collected: 07/02/25 00:20

Matrix: Solid

Date Received: 07/02/25 17:16

Percent Solids: 93.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.025	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1
2,4,5-Trichlorophenol	<0.35		0.35	0.013	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1
2,4,6-Trichlorophenol	<0.35		0.35	0.012	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1
2,4-Dichlorophenol	<0.35		0.35	0.012	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1
2,4-Dimethylphenol	<0.35		0.35	0.079	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1
2,4-Dinitrophenol	<0.71		0.71	0.20	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1
2,4-Dinitrotoluene	<0.18		0.18	0.020	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1
2,6-Dinitrotoluene	<0.18		0.18	0.025	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1
2-Chloronaphthalene	<0.18		0.18	0.013	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1
2-Chlorophenol	<0.18		0.18	0.011	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1
2-Methylnaphthalene	<0.071		0.071	0.0071	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1
2-Methylphenol	<0.18		0.18	0.019	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1
2-Nitroaniline	<0.18		0.18	0.019	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1
2-Nitrophenol	<0.35		0.35	0.024	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1
3 & 4 Methylphenol	<0.18		0.18	0.026	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.15	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1
3-Nitroaniline	<0.35		0.35	0.016	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1
4,6-Dinitro-2-methylphenol	<0.71		0.71	0.20	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.024	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1
4-Chloro-3-methylphenol	<0.35		0.35	0.029	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1
4-Chloroaniline	<0.71		0.71	0.37	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.046	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1
4-Nitroaniline	<0.35		0.35	0.026	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1
4-Nitrophenol	<0.71		0.71	0.38	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1
Acenaphthene	<0.035		0.035	0.0072	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1
Acenaphthylene	<0.035		0.035	0.0060	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1
Anthracene	<0.035		0.035	0.0072	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1
Benzo[a]anthracene	<0.035		0.035	0.0075	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1
Benzo[a]pyrene	<0.035		0.035	0.034	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1
Benzo[b]fluoranthene	<0.035		0.035	0.033	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1
Benzo[g,h,i]perylene	<0.035		0.035	0.016	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1
Benzo[k]fluoranthene	<0.035		0.035	0.013	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.013	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.016	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.14	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1
Butyl benzyl phthalate	<0.18		0.18	0.017	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1
Carbazole	<0.18		0.18	0.014	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1
Chrysene	<0.035		0.035	0.0093	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1
Dibenz(a,h)anthracene	<0.035		0.035	0.035	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1
Dibenzofuran	<0.18		0.18	0.013	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1
Diethyl phthalate	<0.18		0.18	0.016	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1
Dimethyl phthalate	<0.18		0.18	0.0076	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1
Di-n-butyl phthalate	<0.18		0.18	0.011	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1
Di-n-octyl phthalate	<0.35		0.35	0.25	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1
Fluoranthene	0.014	J	0.035	0.0082	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1
Fluorene	<0.035		0.035	0.010	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1
Hexachlorobenzene	<0.071		0.071	0.0067	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1
Hexachlorobutadiene	<0.18		0.18	0.020	mg/Kg	☆	07/07/25 07:33	07/09/25 03:27	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-271002-1

Client Sample ID: 3055V-02-B04 (0-6)

Lab Sample ID: 500-271002-4

Date Collected: 07/02/25 00:20

Matrix: Solid

Date Received: 07/02/25 17:16

Percent Solids: 93.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	<0.71	+	0.71	0.37	mg/Kg	*	07/07/25 07:33	07/09/25 03:27	1
Hexachloroethane	<0.18		0.18	0.018	mg/Kg	*	07/07/25 07:33	07/09/25 03:27	1
Indeno[1,2,3-cd]pyrene	<0.035		0.035	0.034	mg/Kg	*	07/07/25 07:33	07/09/25 03:27	1
Isophorone	<0.18		0.18	0.018	mg/Kg	*	07/07/25 07:33	07/09/25 03:27	1
Naphthalene	<0.035		0.035	0.0064	mg/Kg	*	07/07/25 07:33	07/09/25 03:27	1
Nitrobenzene	<0.035		0.035	0.011	mg/Kg	*	07/07/25 07:33	07/09/25 03:27	1
N-Nitrosodi-n-propylamine	<0.071		0.071	0.020	mg/Kg	*	07/07/25 07:33	07/09/25 03:27	1
N-Nitrosodiphenylamine	<0.18		0.18	0.070	mg/Kg	*	07/07/25 07:33	07/09/25 03:27	1
Pentachlorophenol	<0.71		0.71	0.39	mg/Kg	*	07/07/25 07:33	07/09/25 03:27	1
Phenanthrene	<0.035		0.035	0.0077	mg/Kg	*	07/07/25 07:33	07/09/25 03:27	1
Phenol	<0.18		0.18	0.015	mg/Kg	*	07/07/25 07:33	07/09/25 03:27	1
Pyrene	0.012	J	0.035	0.0096	mg/Kg	*	07/07/25 07:33	07/09/25 03:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	73		31 - 166	07/07/25 07:33	07/09/25 03:27	1
Phenol-d5 (Surr)	75		30 - 153	07/07/25 07:33	07/09/25 03:27	1
Nitrobenzene-d5 (Surr)	72		37 - 147	07/07/25 07:33	07/09/25 03:27	1
2-Fluorobiphenyl (Surr)	91		43 - 145	07/07/25 07:33	07/09/25 03:27	1
2,4,6-Tribromophenol (Surr)	55		31 - 143	07/07/25 07:33	07/09/25 03:27	1
Terphenyl-d14 (Surr)	90		42 - 157	07/07/25 07:33	07/09/25 03:27	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.62	J B	0.97	0.19	mg/Kg	*	07/03/25 14:57	07/09/25 18:11	1
Arsenic	3.2	B	0.49	0.17	mg/Kg	*	07/03/25 14:57	07/09/25 18:11	1
Barium	180		2.4	0.28	mg/Kg	*	07/03/25 14:57	07/11/25 06:08	5
Beryllium	0.40		0.19	0.045	mg/Kg	*	07/03/25 14:57	07/09/25 18:11	1
Boron	88		2.4	0.23	mg/Kg	*	07/03/25 14:57	07/09/25 18:11	1
Cadmium	0.17		0.097	0.018	mg/Kg	*	07/03/25 14:57	07/09/25 18:11	1
Chromium	5.7		0.49	0.24	mg/Kg	*	07/03/25 14:57	07/09/25 18:11	1
Cobalt	2.6		1.2	0.32	mg/Kg	*	07/03/25 14:57	07/11/25 06:08	5
Copper	16		0.49	0.14	mg/Kg	*	07/03/25 14:57	07/09/25 18:11	1
Iron	7300		49	25	mg/Kg	*	07/03/25 14:57	07/11/25 06:08	5
Lead	8.2		2.4	1.1	mg/Kg	*	07/03/25 14:57	07/11/25 06:13	10
Magnesium	84000		24	12	mg/Kg	*	07/03/25 14:57	07/11/25 06:08	5
Manganese	260		0.49	0.071	mg/Kg	*	07/03/25 14:57	07/09/25 18:11	1
Nickel	6.0		0.49	0.14	mg/Kg	*	07/03/25 14:57	07/09/25 18:11	1
Selenium	<0.49		0.49	0.29	mg/Kg	*	07/03/25 14:57	07/09/25 18:11	1
Silver	<1.2		1.2	0.31	mg/Kg	*	07/03/25 14:57	07/11/25 06:08	5
Thallium	0.51		0.49	0.24	mg/Kg	*	07/03/25 14:57	07/11/25 06:04	1
Vanadium	14		1.2	0.29	mg/Kg	*	07/03/25 14:57	07/11/25 06:08	5
Zinc	19		0.97	0.43	mg/Kg	*	07/03/25 14:57	07/09/25 18:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.010	0.0037	mg/L	-	07/11/25 13:50	07/15/25 03:01	1
Barium	0.50	B	0.010	0.0012	mg/L	-	07/11/25 13:50	07/15/25 13:34	1
Beryllium	<0.0040		0.0040	0.00089	mg/L	-	07/11/25 13:50	07/15/25 13:34	1
Boron	1.7	B	0.50	0.0056	mg/L	-	07/11/25 13:50	07/15/25 03:01	1
Cadmium	<0.0050		0.0050	0.00043	mg/L	-	07/11/25 13:50	07/15/25 03:01	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-271002-1

Client Sample ID: 3055V-02-B04 (0-6)

Lab Sample ID: 500-271002-4

Date Collected: 07/02/25 00:20

Matrix: Solid

Date Received: 07/02/25 17:16

Percent Solids: 93.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.0021	J	0.010	0.0017	mg/L		07/11/25 13:50	07/15/25 03:01	1
Cobalt	<0.0050		0.0050	0.00078	mg/L		07/11/25 13:50	07/15/25 03:01	1
Copper	<0.010		0.010	0.0018	mg/L		07/11/25 13:50	07/15/25 03:01	1
Iron	<0.40		0.40	0.082	mg/L		07/11/25 13:50	07/15/25 13:34	1
Lead	<0.0075		0.0075	0.0027	mg/L		07/11/25 13:50	07/15/25 03:01	1
Manganese	0.32		0.010	0.0023	mg/L		07/11/25 13:50	07/15/25 13:34	1
Nickel	0.0066	J	0.010	0.0048	mg/L		07/11/25 13:50	07/15/25 13:34	1
Selenium	<0.050		0.050	0.0053	mg/L		07/11/25 13:50	07/15/25 03:01	1
Silver	0.0022	J	0.0050	0.0015	mg/L		07/11/25 13:50	07/15/25 03:01	1
Vanadium	0.0035	J	0.0050	0.00092	mg/L		07/11/25 13:50	07/15/25 03:01	1
Zinc	<0.50		0.50	0.0050	mg/L		07/11/25 13:50	07/15/25 03:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	<0.010		0.010	0.0023	mg/L		07/11/25 13:45	07/14/25 13:59	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0060	mg/L		07/11/25 13:50	07/15/25 15:36	1
Thallium	<0.0020		0.0020	0.0020	mg/L		07/11/25 13:50	07/15/25 15:36	1

Method: SW846 7470A - Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/14/25 10:25	07/15/25 09:48	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.016		0.016	0.0068	mg/Kg	☆	07/14/25 15:25	07/15/25 09:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.23		0.23	0.11	mg/Kg	☆	07/07/25 14:36	07/07/25 17:12	1
pH (SW846 9045D)	10.9		0.2	0.2	SU			07/07/25 11:30	1

Definitions/Glossary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-271002-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-271002-1

GC/MS VOA

Analysis Batch: 824997

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271002-1	3055V-02-B01 (0-6)	Total/NA	Solid	8260D	825027
500-271002-2	3055V-02-B02 (0-6)	Total/NA	Solid	8260D	825027
500-271002-3	3055V-02-B03 (0-6)	Total/NA	Solid	8260D	825027
500-271002-4	3055V-02-B04 (0-6)	Total/NA	Solid	8260D	825027
MB 500-824997/8	Method Blank	Total/NA	Solid	8260D	
LCS 500-824997/5	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 500-824997/6	Lab Control Sample Dup	Total/NA	Solid	8260D	

Prep Batch: 825027

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271002-1	3055V-02-B01 (0-6)	Total/NA	Solid	5035	
500-271002-2	3055V-02-B02 (0-6)	Total/NA	Solid	5035	
500-271002-3	3055V-02-B03 (0-6)	Total/NA	Solid	5035	
500-271002-4	3055V-02-B04 (0-6)	Total/NA	Solid	5035	

GC/MS Semi VOA

Prep Batch: 824601

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271002-1	3055V-02-B01 (0-6)	Total/NA	Solid	3546	
500-271002-2	3055V-02-B02 (0-6)	Total/NA	Solid	3546	
500-271002-3	3055V-02-B03 (0-6)	Total/NA	Solid	3546	
500-271002-4	3055V-02-B04 (0-6)	Total/NA	Solid	3546	
MB 500-824601/1-A	Method Blank	Total/NA	Solid	3546	
LCS 500-824601/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 824795

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-824601/1-A	Method Blank	Total/NA	Solid	8270E	824601
LCS 500-824601/2-A	Lab Control Sample	Total/NA	Solid	8270E	824601

Analysis Batch: 824850

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271002-2	3055V-02-B02 (0-6)	Total/NA	Solid	8270E	824601
500-271002-3	3055V-02-B03 (0-6)	Total/NA	Solid	8270E	824601
500-271002-4	3055V-02-B04 (0-6)	Total/NA	Solid	8270E	824601

Analysis Batch: 824993

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271002-1	3055V-02-B01 (0-6)	Total/NA	Solid	8270E	824601

Metals

Prep Batch: 824533

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271002-1	3055V-02-B01 (0-6)	Total/NA	Solid	3050B	
500-271002-2	3055V-02-B02 (0-6)	Total/NA	Solid	3050B	
500-271002-3	3055V-02-B03 (0-6)	Total/NA	Solid	3050B	
500-271002-4	3055V-02-B04 (0-6)	Total/NA	Solid	3050B	
MB 500-824533/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-824533/2-A	Lab Control Sample	Total/NA	Solid	3050B	

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-271002-1

Metals

Leach Batch: 825006

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271002-2	3055V-02-B02 (0-6)	TCLP	Solid	1311	
LB 500-825006/1-B	Method Blank	TCLP	Solid	1311	
LB 500-825006/1-C	Method Blank	TCLP	Solid	1311	

Leach Batch: 825016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271002-1	3055V-02-B01 (0-6)	SPLP East	Solid	1312	
500-271002-2	3055V-02-B02 (0-6)	SPLP East	Solid	1312	
LB 500-825016/1-B	Method Blank	SPLP East	Solid	1312	

Leach Batch: 825094

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271002-1	3055V-02-B01 (0-6)	TCLP	Solid	1311	
LB2 500-825094/1-B	Method Blank	TCLP	Solid	1311	
LB2 500-825094/1-C	Method Blank	TCLP	Solid	1311	

Analysis Batch: 825222

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271002-1	3055V-02-B01 (0-6)	Total/NA	Solid	6010D	824533
500-271002-2	3055V-02-B02 (0-6)	Total/NA	Solid	6010D	824533
500-271002-3	3055V-02-B03 (0-6)	Total/NA	Solid	6010D	824533
500-271002-4	3055V-02-B04 (0-6)	Total/NA	Solid	6010D	824533
MB 500-824533/1-A	Method Blank	Total/NA	Solid	6010D	824533
LCS 500-824533/2-A	Lab Control Sample	Total/NA	Solid	6010D	824533

Prep Batch: 825298

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271002-2	3055V-02-B02 (0-6)	TCLP	Solid	3010A	825006
LB 500-825006/1-B	Method Blank	TCLP	Solid	3010A	825006
LCS 500-825298/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Leach Batch: 825303

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271002-3	3055V-02-B03 (0-6)	TCLP	Solid	1311	
LB 500-825303/1-B	Method Blank	TCLP	Solid	1311	
LB 500-825303/1-C	Method Blank	TCLP	Solid	1311	
500-271002-3 MS	3055V-02-B03 (0-6)	TCLP	Solid	1311	
500-271002-3 DU	3055V-02-B03 (0-6)	TCLP	Solid	1311	

Leach Batch: 825304

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271002-3	3055V-02-B03 (0-6)	SPLP East	Solid	1312	
500-271002-4	3055V-02-B04 (0-6)	SPLP East	Solid	1312	
LB 500-825304/1-B	Method Blank	SPLP East	Solid	1312	
500-271002-3 MS	3055V-02-B03 (0-6)	SPLP East	Solid	1312	
500-271002-3 DU	3055V-02-B03 (0-6)	SPLP East	Solid	1312	

Prep Batch: 825322

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271002-1	3055V-02-B01 (0-6)	SPLP East	Solid	3010A	825016
500-271002-2	3055V-02-B02 (0-6)	SPLP East	Solid	3010A	825016

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QC Association Summary

Client: WSP USA Inc

Job ID: 500-271002-1

Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Metals (Continued)

Prep Batch: 825322 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 500-825016/1-B	Method Blank	SPLP East	Solid	3010A	825016
LCS 500-825322/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Prep Batch: 825324

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271002-1	3055V-02-B01 (0-6)	TCLP	Solid	3010A	825094
LB2 500-825094/1-B	Method Blank	TCLP	Solid	3010A	825094
LCS 500-825324/13-A	Lab Control Sample	Total/NA	Solid	3010A	

Leach Batch: 825347

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271002-4	3055V-02-B04 (0-6)	TCLP	Solid	1311	
LB2 500-825347/1-B	Method Blank	TCLP	Solid	1311	
LB2 500-825347/1-C	Method Blank	TCLP	Solid	1311	

Analysis Batch: 825422

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271002-1	3055V-02-B01 (0-6)	Total/NA	Solid	6010D	824533
500-271002-1	3055V-02-B01 (0-6)	Total/NA	Solid	6010D	824533
500-271002-2	3055V-02-B02 (0-6)	Total/NA	Solid	6010D	824533
500-271002-2	3055V-02-B02 (0-6)	Total/NA	Solid	6010D	824533
500-271002-3	3055V-02-B03 (0-6)	Total/NA	Solid	6010D	824533
500-271002-4	3055V-02-B04 (0-6)	Total/NA	Solid	6010D	824533
500-271002-4	3055V-02-B04 (0-6)	Total/NA	Solid	6010D	824533
500-271002-4	3055V-02-B04 (0-6)	Total/NA	Solid	6010D	824533
MB 500-824533/1-A	Method Blank	Total/NA	Solid	6010D	824533
LCS 500-824533/2-A	Lab Control Sample	Total/NA	Solid	6010D	824533

Prep Batch: 825454

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271002-1	3055V-02-B01 (0-6)	TCLP	Solid	7470A	825094
LB2 500-825094/1-C	Method Blank	TCLP	Solid	7470A	825094
MB 500-825454/12-A	Method Blank	Total/NA	Solid	7470A	
LCS 500-825454/21-A	Lab Control Sample	Total/NA	Solid	7470A	

Prep Batch: 825493

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271002-3	3055V-02-B03 (0-6)	SPLP East	Solid	3010A	825304
500-271002-4	3055V-02-B04 (0-6)	SPLP East	Solid	3010A	825304
LB 500-825304/1-B	Method Blank	SPLP East	Solid	3010A	825304
LCS 500-825493/2-A	Lab Control Sample	Total/NA	Solid	3010A	
500-271002-3 MS	3055V-02-B03 (0-6)	SPLP East	Solid	3010A	825304
500-271002-3 DU	3055V-02-B03 (0-6)	SPLP East	Solid	3010A	825304

Prep Batch: 825495

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271002-3	3055V-02-B03 (0-6)	TCLP	Solid	3010A	825303
500-271002-4	3055V-02-B04 (0-6)	TCLP	Solid	3010A	825347
LB 500-825303/1-B	Method Blank	TCLP	Solid	3010A	825303
LB2 500-825347/1-B	Method Blank	TCLP	Solid	3010A	825347
LCS 500-825495/18-A	Lab Control Sample	Total/NA	Solid	3010A	

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-271002-1

Metals (Continued)

Prep Batch: 825495 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-825495/2-A	Lab Control Sample	Total/NA	Solid	3010A	
500-271002-3 MS	3055V-02-B03 (0-6)	TCLP	Solid	3010A	825303
500-271002-3 DU	3055V-02-B03 (0-6)	TCLP	Solid	3010A	825303

Analysis Batch: 825582

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271002-1	3055V-02-B01 (0-6)	SPLP East	Solid	6010D	825322
500-271002-1	3055V-02-B01 (0-6)	TCLP	Solid	6010D	825324
500-271002-2	3055V-02-B02 (0-6)	SPLP East	Solid	6010D	825322
LB 500-825016/1-B	Method Blank	SPLP East	Solid	6010D	825322
LB2 500-825094/1-B	Method Blank	TCLP	Solid	6010D	825324
LCS 500-825322/2-A	Lab Control Sample	Total/NA	Solid	6010D	825322
LCS 500-825324/13-A	Lab Control Sample	Total/NA	Solid	6010D	825324

Analysis Batch: 825584

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271002-2	3055V-02-B02 (0-6)	TCLP	Solid	6010D	825298
LB 500-825006/1-B	Method Blank	TCLP	Solid	6010D	825298
LCS 500-825298/2-A	Lab Control Sample	Total/NA	Solid	6010D	825298

Prep Batch: 825664

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271002-2	3055V-02-B02 (0-6)	TCLP	Solid	7470A	825006
500-271002-4	3055V-02-B04 (0-6)	TCLP	Solid	7470A	825347
LB 500-825006/1-C	Method Blank	TCLP	Solid	7470A	825006
LB2 500-825347/1-C	Method Blank	TCLP	Solid	7470A	825347
MB 500-825664/12-A	Method Blank	Total/NA	Solid	7470A	
LCS 500-825664/14-A	Lab Control Sample	Total/NA	Solid	7470A	
LCS 500-825664/31-A	Lab Control Sample	Total/NA	Solid	7470A	

Prep Batch: 825675

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271002-1	3055V-02-B01 (0-6)	Total/NA	Solid	7471B	
500-271002-2	3055V-02-B02 (0-6)	Total/NA	Solid	7471B	
500-271002-3	3055V-02-B03 (0-6)	Total/NA	Solid	7471B	
500-271002-4	3055V-02-B04 (0-6)	Total/NA	Solid	7471B	
MB 500-825675/12-A	Method Blank	Total/NA	Solid	7471B	
LCS 500-825675/13-A	Lab Control Sample	Total/NA	Solid	7471B	

Analysis Batch: 825685

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271002-1	3055V-02-B01 (0-6)	TCLP	Solid	7470A	825454
LB2 500-825094/1-C	Method Blank	TCLP	Solid	7470A	825454
MB 500-825454/12-A	Method Blank	Total/NA	Solid	7470A	825454
LCS 500-825454/21-A	Lab Control Sample	Total/NA	Solid	7470A	825454

Analysis Batch: 825793

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271002-1	3055V-02-B01 (0-6)	TCLP	Solid	6020B	825324
500-271002-2	3055V-02-B02 (0-6)	TCLP	Solid	6020B	825298
LB 500-825006/1-B	Method Blank	TCLP	Solid	6020B	825298

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QC Association Summary

Client: WSP USA Inc

Job ID: 500-271002-1

Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Metals (Continued)

Analysis Batch: 825793 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB2 500-825094/1-B	Method Blank	TCLP	Solid	6020B	825324
LCS 500-825298/2-A	Lab Control Sample	Total/NA	Solid	6020B	825298
LCS 500-825324/13-A	Lab Control Sample	Total/NA	Solid	6020B	825324

Analysis Batch: 825794

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271002-2	3055V-02-B02 (0-6)	TCLP	Solid	6010D	825298
500-271002-3	3055V-02-B03 (0-6)	TCLP	Solid	6010D	825495
500-271002-4	3055V-02-B04 (0-6)	TCLP	Solid	6010D	825495
LB 500-825303/1-B	Method Blank	TCLP	Solid	6010D	825495
LB2 500-825347/1-B	Method Blank	TCLP	Solid	6010D	825495
LCS 500-825495/18-A	Lab Control Sample	Total/NA	Solid	6010D	825495
LCS 500-825495/2-A	Lab Control Sample	Total/NA	Solid	6010D	825495
500-271002-3 MS	3055V-02-B03 (0-6)	TCLP	Solid	6010D	825495
500-271002-3 DU	3055V-02-B03 (0-6)	TCLP	Solid	6010D	825495

Analysis Batch: 825795

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271002-3	3055V-02-B03 (0-6)	SPLP East	Solid	6010D	825493
500-271002-4	3055V-02-B04 (0-6)	SPLP East	Solid	6010D	825493
LB 500-825304/1-B	Method Blank	SPLP East	Solid	6010D	825493
LCS 500-825493/2-A	Lab Control Sample	Total/NA	Solid	6010D	825493
500-271002-3 MS	3055V-02-B03 (0-6)	SPLP East	Solid	6010D	825493
500-271002-3 DU	3055V-02-B03 (0-6)	SPLP East	Solid	6010D	825493

Analysis Batch: 825842

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271002-2	3055V-02-B02 (0-6)	TCLP	Solid	7470A	825664
500-271002-4	3055V-02-B04 (0-6)	TCLP	Solid	7470A	825664
LB 500-825006/1-C	Method Blank	TCLP	Solid	7470A	825664
LB2 500-825347/1-C	Method Blank	TCLP	Solid	7470A	825664
MB 500-825664/12-A	Method Blank	Total/NA	Solid	7470A	825664
LCS 500-825664/14-A	Lab Control Sample	Total/NA	Solid	7470A	825664
LCS 500-825664/31-A	Lab Control Sample	Total/NA	Solid	7470A	825664

Analysis Batch: 825844

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271002-1	3055V-02-B01 (0-6)	Total/NA	Solid	7471B	825675
500-271002-2	3055V-02-B02 (0-6)	Total/NA	Solid	7471B	825675
500-271002-3	3055V-02-B03 (0-6)	Total/NA	Solid	7471B	825675
500-271002-4	3055V-02-B04 (0-6)	Total/NA	Solid	7471B	825675
MB 500-825675/12-A	Method Blank	Total/NA	Solid	7471B	825675
LCS 500-825675/13-A	Lab Control Sample	Total/NA	Solid	7471B	825675

Prep Batch: 825858

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271002-3	3055V-02-B03 (0-6)	TCLP	Solid	7470A	825303
LB 500-825303/1-C	Method Blank	TCLP	Solid	7470A	825303
MB 500-825858/12-A	Method Blank	Total/NA	Solid	7470A	
LCS 500-825858/14-A	Lab Control Sample	Total/NA	Solid	7470A	
500-271002-3 MS	3055V-02-B03 (0-6)	TCLP	Solid	7470A	825303

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-271002-1

Metals (Continued)

Prep Batch: 825858 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271002-3 DU	3055V-02-B03 (0-6)	TCLP	Solid	7470A	825303

Analysis Batch: 825998

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271002-3	3055V-02-B03 (0-6)	TCLP	Solid	6020B	825495
500-271002-4	3055V-02-B04 (0-6)	TCLP	Solid	6020B	825495
LB 500-825303/1-B	Method Blank	TCLP	Solid	6020B	825495
LB2 500-825347/1-B	Method Blank	TCLP	Solid	6020B	825495
LCS 500-825495/18-A	Lab Control Sample	Total/NA	Solid	6020B	825495
LCS 500-825495/2-A	Lab Control Sample	Total/NA	Solid	6020B	825495
500-271002-3 MS	3055V-02-B03 (0-6)	TCLP	Solid	6020B	825495
500-271002-3 DU	3055V-02-B03 (0-6)	TCLP	Solid	6020B	825495

Analysis Batch: 826004

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271002-3	3055V-02-B03 (0-6)	TCLP	Solid	6010D	825495
500-271002-4	3055V-02-B04 (0-6)	TCLP	Solid	6010D	825495
LB 500-825303/1-B	Method Blank	TCLP	Solid	6010D	825495
LB2 500-825347/1-B	Method Blank	TCLP	Solid	6010D	825495
LCS 500-825495/18-A	Lab Control Sample	Total/NA	Solid	6010D	825495
LCS 500-825495/2-A	Lab Control Sample	Total/NA	Solid	6010D	825495
500-271002-3 MS	3055V-02-B03 (0-6)	TCLP	Solid	6010D	825495
500-271002-3 DU	3055V-02-B03 (0-6)	TCLP	Solid	6010D	825495

Analysis Batch: 826047

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271002-3	3055V-02-B03 (0-6)	TCLP	Solid	7470A	825858
LB 500-825303/1-C	Method Blank	TCLP	Solid	7470A	825858
MB 500-825858/12-A	Method Blank	Total/NA	Solid	7470A	825858
LCS 500-825858/14-A	Lab Control Sample	Total/NA	Solid	7470A	825858
500-271002-3 MS	3055V-02-B03 (0-6)	TCLP	Solid	7470A	825858
500-271002-3 DU	3055V-02-B03 (0-6)	TCLP	Solid	7470A	825858

General Chemistry

Analysis Batch: 824438

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271002-1	3055V-02-B01 (0-6)	Total/NA	Solid	Moisture	
500-271002-2	3055V-02-B02 (0-6)	Total/NA	Solid	Moisture	

Analysis Batch: 824443

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271002-3	3055V-02-B03 (0-6)	Total/NA	Solid	Moisture	
500-271002-4	3055V-02-B04 (0-6)	Total/NA	Solid	Moisture	
500-271002-3 DU	3055V-02-B03 (0-6)	Total/NA	Solid	Moisture	

Prep Batch: 824702

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271002-1	3055V-02-B01 (0-6)	Total/NA	Solid	9010C	
500-271002-2	3055V-02-B02 (0-6)	Total/NA	Solid	9010C	
500-271002-3	3055V-02-B03 (0-6)	Total/NA	Solid	9010C	

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-271002-1

General Chemistry (Continued)

Prep Batch: 824702 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271002-4	3055V-02-B04 (0-6)	Total/NA	Solid	9010C	
MB 500-824702/1-A	Method Blank	Total/NA	Solid	9010C	
LCS 500-824702/2-A	Lab Control Sample	Total/NA	Solid	9010C	
500-271002-3 MS	3055V-02-B03 (0-6)	Total/NA	Solid	9010C	
500-271002-3 MSD	3055V-02-B03 (0-6)	Total/NA	Solid	9010C	

Analysis Batch: 824704

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271002-1	3055V-02-B01 (0-6)	Total/NA	Solid	9045D	
500-271002-2	3055V-02-B02 (0-6)	Total/NA	Solid	9045D	
500-271002-3	3055V-02-B03 (0-6)	Total/NA	Solid	9045D	
500-271002-4	3055V-02-B04 (0-6)	Total/NA	Solid	9045D	

Analysis Batch: 824754

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271002-1	3055V-02-B01 (0-6)	Total/NA	Solid	9012B	824702
500-271002-2	3055V-02-B02 (0-6)	Total/NA	Solid	9012B	824702
500-271002-3	3055V-02-B03 (0-6)	Total/NA	Solid	9012B	824702
500-271002-4	3055V-02-B04 (0-6)	Total/NA	Solid	9012B	824702
MB 500-824702/1-A	Method Blank	Total/NA	Solid	9012B	824702
LCS 500-824702/2-A	Lab Control Sample	Total/NA	Solid	9012B	824702
500-271002-3 MS	3055V-02-B03 (0-6)	Total/NA	Solid	9012B	824702
500-271002-3 MSD	3055V-02-B03 (0-6)	Total/NA	Solid	9012B	824702

Surrogate Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-271002-1

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (75-131)	DBFM (75-126)	DCA (70-134)	TOL (75-124)
500-271002-1	3055V-02-B01 (0-6)	101	100	106	96
500-271002-2	3055V-02-B02 (0-6)	158 S1+ *3	105	112	123
500-271002-3	3055V-02-B03 (0-6)	104	100	107	100
500-271002-4	3055V-02-B04 (0-6)	101	82	107	99
LCS 500-824997/5	Lab Control Sample	100	102	107	100
LCSD 500-824997/6	Lab Control Sample Dup	98	101	106	101
MB 500-824997/8	Method Blank	104	102	107	99
Surrogate Legend					
BFB = 4-Bromofluorobenzene (Surr)					
DBFM = Dibromofluoromethane					
DCA = 1,2-Dichloroethane-d4 (Surr)					
TOL = Toluene-d8 (Surr)					

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		2FP (31-166)	PHL (30-153)	NBZ (37-147)	FBP (43-145)	TBP (31-143)	TPHL (42-157)
500-271002-1	3055V-02-B01 (0-6)	65	69	67	88	58	97
500-271002-2	3055V-02-B02 (0-6)	71	72	69	87	51	97
500-271002-3	3055V-02-B03 (0-6)	77	73	75	89	98	89
500-271002-4	3055V-02-B04 (0-6)	73	75	72	91	55	90
LCS 500-824601/2-A	Lab Control Sample	81	76	74	88	106	98
MB 500-824601/1-A	Method Blank	84	82	79	94	106	102
Surrogate Legend							
2FP = 2-Fluorophenol (Surr)							
PHL = Phenol-d5 (Surr)							
NBZ = Nitrobenzene-d5 (Surr)							
FBP = 2-Fluorobiphenyl (Surr)							
TBP = 2,4,6-Tribromophenol (Surr)							
TPHL = Terphenyl-d14 (Surr)							

QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-271002-1

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

Lab Sample ID: MB 500-824997/8

Matrix: Solid

Analysis Batch: 824997

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.020		0.020	0.0084	mg/Kg			07/09/25 12:58	1
Benzene	<0.0020		0.0020	0.00063	mg/Kg			07/09/25 12:58	1
Bromodichloromethane	<0.0020		0.0020	0.00064	mg/Kg			07/09/25 12:58	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg			07/09/25 12:58	1
Bromomethane	<0.0050		0.0050	0.0025	mg/Kg			07/09/25 12:58	1
2-Butanone (MEK)	<0.0050		0.0050	0.0022	mg/Kg			07/09/25 12:58	1
Carbon disulfide	<0.0050		0.0050	0.00092	mg/Kg			07/09/25 12:58	1
Carbon tetrachloride	<0.0020		0.0020	0.00068	mg/Kg			07/09/25 12:58	1
Chlorobenzene	<0.0020		0.0020	0.00084	mg/Kg			07/09/25 12:58	1
Chloroethane	<0.0050		0.0050	0.0016	mg/Kg			07/09/25 12:58	1
Chloroform	0.00149	J	0.0020	0.0014	mg/Kg			07/09/25 12:58	1
Chloromethane	<0.0050		0.0050	0.00097	mg/Kg			07/09/25 12:58	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00081	mg/Kg			07/09/25 12:58	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00080	mg/Kg			07/09/25 12:58	1
Dibromochloromethane	<0.0020		0.0020	0.00093	mg/Kg			07/09/25 12:58	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	3.5	ug/Kg			07/09/25 12:58	1
1,1-Dichloroethane	<0.0020		0.0020	0.00075	mg/Kg			07/09/25 12:58	1
1,2-Dichloroethane	<0.0050		0.0050	0.0013	mg/Kg			07/09/25 12:58	1
1,1-Dichloroethene	<0.0020		0.0020	0.00082	mg/Kg			07/09/25 12:58	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg			07/09/25 12:58	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00096	mg/Kg			07/09/25 12:58	1
Ethylbenzene	<0.0020		0.0020	0.0011	mg/Kg			07/09/25 12:58	1
2-Hexanone	<0.0050		0.0050	0.0030	mg/Kg			07/09/25 12:58	1
Methylene Chloride	<0.0050		0.0050	0.0021	mg/Kg			07/09/25 12:58	1
4-Methyl-2-pentanone (MIBK)	<0.0050		0.0050	0.0036	mg/Kg			07/09/25 12:58	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00065	mg/Kg			07/09/25 12:58	1
Styrene	<0.0020		0.0020	0.00090	mg/Kg			07/09/25 12:58	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00099	mg/Kg			07/09/25 12:58	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg			07/09/25 12:58	1
Toluene	<0.0020		0.0020	0.00040	mg/Kg			07/09/25 12:58	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00076	mg/Kg			07/09/25 12:58	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00096	mg/Kg			07/09/25 12:58	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00081	mg/Kg			07/09/25 12:58	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00075	mg/Kg			07/09/25 12:58	1
Trichloroethene	<0.0020		0.0020	0.00054	mg/Kg			07/09/25 12:58	1
Vinyl acetate	<0.0050		0.0050	0.0012	mg/Kg			07/09/25 12:58	1
Vinyl chloride	<0.0020		0.0020	0.00082	mg/Kg			07/09/25 12:58	1
Xylenes, Total	<0.0040		0.0040	0.00069	mg/Kg			07/09/25 12:58	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		75 - 131		07/09/25 12:58	1
Dibromofluoromethane	102		75 - 126		07/09/25 12:58	1
1,2-Dichloroethane-d4 (Surr)	107		70 - 134		07/09/25 12:58	1
Toluene-d8 (Surr)	99		75 - 124		07/09/25 12:58	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-271002-1

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

Lab Sample ID: LCS 500-824997/5

Matrix: Solid

Analysis Batch: 824997

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	0.0500	0.0507		mg/Kg		101	40 - 150
Benzene	0.0500	0.0521		mg/Kg		104	70 - 125
Bromodichloromethane	0.0500	0.0508		mg/Kg		102	67 - 129
Bromoform	0.0500	0.0505		mg/Kg		101	68 - 136
Bromomethane	0.0500	0.0523		mg/Kg		105	70 - 130
2-Butanone (MEK)	0.0500	0.0486		mg/Kg		97	47 - 138
Carbon disulfide	0.0500	0.0548		mg/Kg		110	70 - 129
Carbon tetrachloride	0.0500	0.0511		mg/Kg		102	75 - 125
Chlorobenzene	0.0500	0.0504		mg/Kg		101	50 - 150
Chloroethane	0.0500	0.0571		mg/Kg		114	75 - 125
Chloroform	0.0500	0.0487		mg/Kg		97	57 - 135
Chloromethane	0.0500	0.0649	*+	mg/Kg		130	70 - 125
cis-1,2-Dichloroethene	0.0500	0.0520		mg/Kg		104	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0505		mg/Kg		101	70 - 125
Dibromochloromethane	0.0500	0.0501		mg/Kg		100	69 - 125
1,2-Dibromo-3-Chloropropane	50.0	49.5		ug/Kg		99	60 - 136
1,1-Dichloroethane	0.0500	0.0598		mg/Kg		120	70 - 125
1,2-Dichloroethane	0.0500	0.0531		mg/Kg		106	70 - 130
1,1-Dichloroethene	0.0500	0.0563		mg/Kg		113	70 - 120
1,2-Dichloropropane	0.0500	0.0613		mg/Kg		123	70 - 125
Ethylbenzene	0.0500	0.0534		mg/Kg		107	61 - 136
2-Hexanone	0.0500	0.0519		mg/Kg		104	48 - 146
Methylene Chloride	0.0500	0.0536		mg/Kg		107	70 - 126
4-Methyl-2-pentanone (MIBK)	0.0500	0.0521		mg/Kg		104	50 - 148
Methyl tert-butyl ether	0.0500	0.0479		mg/Kg		96	50 - 140
Styrene	0.0500	0.0526		mg/Kg		105	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0525		mg/Kg		105	70 - 122
Tetrachloroethene	0.0500	0.0535		mg/Kg		107	70 - 124
Toluene	0.0500	0.0480		mg/Kg		96	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0544		mg/Kg		109	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0495		mg/Kg		99	70 - 125
1,1,1-Trichloroethane	0.0500	0.0535		mg/Kg		107	70 - 128
1,1,2-Trichloroethane	0.0500	0.0515		mg/Kg		103	70 - 125
Trichloroethene	0.0500	0.0530		mg/Kg		106	70 - 125
Vinyl acetate	0.0500	0.0479		mg/Kg		96	40 - 153
Vinyl chloride	0.0500	0.0613		mg/Kg		123	70 - 125
Xylenes, Total	0.100	0.104		mg/Kg		104	53 - 147

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	100		75 - 131
Dibromofluoromethane	102		75 - 126
1,2-Dichloroethane-d4 (Surr)	107		70 - 134
Toluene-d8 (Surr)	100		75 - 124

QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-271002-1

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

Lab Sample ID: LCSD 500-824997/6

Matrix: Solid

Analysis Batch: 824997

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	0.0500	0.0430		mg/Kg		86	40 - 150	17	30
Benzene	0.0500	0.0465		mg/Kg		93	70 - 125	11	30
Bromodichloromethane	0.0500	0.0455		mg/Kg		91	67 - 129	11	30
Bromoform	0.0500	0.0449		mg/Kg		90	68 - 136	12	30
Bromomethane	0.0500	0.0524		mg/Kg		105	70 - 130	0	30
2-Butanone (MEK)	0.0500	0.0440		mg/Kg		88	47 - 138	10	30
Carbon disulfide	0.0500	0.0497		mg/Kg		99	70 - 129	10	30
Carbon tetrachloride	0.0500	0.0462		mg/Kg		92	75 - 125	10	30
Chlorobenzene	0.0500	0.0463		mg/Kg		93	50 - 150	8	30
Chloroethane	0.0500	0.0548		mg/Kg		110	75 - 125	4	30
Chloroform	0.0500	0.0441		mg/Kg		88	57 - 135	10	30
Chloromethane	0.0500	0.0625		mg/Kg		125	70 - 125	4	30
cis-1,2-Dichloroethene	0.0500	0.0480		mg/Kg		96	70 - 125	8	30
cis-1,3-Dichloropropene	0.0500	0.0462		mg/Kg		92	70 - 125	9	30
Dibromochloromethane	0.0500	0.0466		mg/Kg		93	69 - 125	7	30
1,2-Dibromo-3-Chloropropane	50.0	43.5		ug/Kg		87	60 - 136	13	30
1,1-Dichloroethane	0.0500	0.0540		mg/Kg		108	70 - 125	10	30
1,2-Dichloroethane	0.0500	0.0496		mg/Kg		99	70 - 130	7	30
1,1-Dichloroethene	0.0500	0.0500		mg/Kg		100	70 - 120	12	30
1,2-Dichloropropane	0.0500	0.0542		mg/Kg		108	70 - 125	12	30
Ethylbenzene	0.0500	0.0478		mg/Kg		96	61 - 136	11	30
2-Hexanone	0.0500	0.0463		mg/Kg		93	48 - 146	11	30
Methylene Chloride	0.0500	0.0481		mg/Kg		96	70 - 126	11	30
4-Methyl-2-pentanone (MIBK)	0.0500	0.0480		mg/Kg		96	50 - 148	8	30
Methyl tert-butyl ether	0.0500	0.0430		mg/Kg		86	50 - 140	11	30
Styrene	0.0500	0.0479		mg/Kg		96	70 - 125	9	30
1,1,2,2-Tetrachloroethane	0.0500	0.0460		mg/Kg		92	70 - 122	13	30
Tetrachloroethene	0.0500	0.0486		mg/Kg		97	70 - 124	10	30
Toluene	0.0500	0.0434		mg/Kg		87	70 - 125	10	30
trans-1,2-Dichloroethene	0.0500	0.0498		mg/Kg		100	70 - 125	9	30
trans-1,3-Dichloropropene	0.0500	0.0456		mg/Kg		91	70 - 125	8	30
1,1,1-Trichloroethane	0.0500	0.0479		mg/Kg		96	70 - 128	11	30
1,1,2-Trichloroethane	0.0500	0.0462		mg/Kg		92	70 - 125	11	30
Trichloroethene	0.0500	0.0474		mg/Kg		95	70 - 125	11	30
Vinyl acetate	0.0500	0.0434		mg/Kg		87	40 - 153	10	30
Vinyl chloride	0.0500	0.0594		mg/Kg		119	70 - 125	3	30
Xylenes, Total	0.100	0.0941		mg/Kg		94	53 - 147	10	30

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	98		75 - 131
Dibromofluoromethane	101		75 - 126
1,2-Dichloroethane-d4 (Surr)	106		70 - 134
Toluene-d8 (Surr)	101		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-271002-1

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

Lab Sample ID: MB 500-824601/1-A

Matrix: Solid

Analysis Batch: 824795

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 824601

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.17		0.17	0.024	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
1,2-Dichlorobenzene	<0.17		0.17	0.014	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
1,3-Dichlorobenzene	<0.17		0.17	0.015	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
1,4-Dichlorobenzene	<0.17		0.17	0.016	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
2,2'-oxybis[1-chloropropane]	<0.17		0.17	0.024	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
2,4,5-Trichlorophenol	<0.33		0.33	0.013	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
2,4,6-Trichlorophenol	<0.33		0.33	0.011	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
2,4-Dichlorophenol	<0.33		0.33	0.012	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
2,4-Dimethylphenol	<0.33		0.33	0.074	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
2,4-Dinitrophenol	<0.67		0.67	0.19	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
2,4-Dinitrotoluene	<0.17		0.17	0.019	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
2,6-Dinitrotoluene	<0.17		0.17	0.023	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
2-Chloronaphthalene	<0.17		0.17	0.012	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
2-Chlorophenol	<0.17		0.17	0.011	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
2-Methylnaphthalene	<0.067		0.067	0.0067	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
2-Methylphenol	<0.17		0.17	0.018	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
2-Nitroaniline	<0.17		0.17	0.018	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
2-Nitrophenol	<0.33		0.33	0.023	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
3 & 4 Methylphenol	<0.17		0.17	0.024	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
3,3'-Dichlorobenzidine	<0.17		0.17	0.15	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
3-Nitroaniline	<0.33		0.33	0.015	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
4,6-Dinitro-2-methylphenol	<0.67		0.67	0.19	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
4-Bromophenyl phenyl ether	<0.17		0.17	0.023	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
4-Chloro-3-methylphenol	<0.33		0.33	0.028	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
4-Chloroaniline	<0.67		0.67	0.35	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
4-Chlorophenyl phenyl ether	<0.17		0.17	0.044	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
4-Nitroaniline	<0.33		0.33	0.025	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
4-Nitrophenol	<0.67		0.67	0.36	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
Acenaphthene	<0.033		0.033	0.0068	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
Acenaphthylene	<0.033		0.033	0.0056	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
Anthracene	<0.033		0.033	0.0068	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
Benzo[a]anthracene	<0.033		0.033	0.0070	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
Benzo[a]pyrene	<0.033		0.033	0.032	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
Benzo[b]fluoranthene	<0.033		0.033	0.032	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
Benzo[g,h,i]perylene	<0.033		0.033	0.015	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
Benzo[k]fluoranthene	<0.033		0.033	0.013	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
Bis(2-chloroethoxy)methane	<0.17		0.17	0.012	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
Bis(2-chloroethyl)ether	<0.17		0.17	0.015	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
Bis(2-ethylhexyl) phthalate	<0.17		0.17	0.13	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
Butyl benzyl phthalate	<0.17		0.17	0.017	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
Carbazole	<0.17		0.17	0.013	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
Chrysene	<0.033		0.033	0.0088	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
Dibenz(a,h)anthracene	<0.033		0.033	0.033	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
Dibenzofuran	<0.17		0.17	0.012	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
Diethyl phthalate	0.422		0.17	0.015	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
Dimethyl phthalate	<0.17		0.17	0.0072	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
Di-n-butyl phthalate	<0.17		0.17	0.011	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
Di-n-octyl phthalate	<0.33		0.33	0.23	mg/Kg		07/07/25 07:33	07/08/25 11:15	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-271002-1

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

Lab Sample ID: MB 500-824601/1-A

Matrix: Solid

Analysis Batch: 824795

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 824601

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	<0.033		0.033	0.0077	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
Fluorene	<0.033		0.033	0.0098	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
Hexachlorobenzene	<0.067		0.067	0.0064	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
Hexachlorobutadiene	<0.17		0.17	0.019	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
Hexachlorocyclopentadiene	<0.67		0.67	0.35	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
Hexachloroethane	<0.17		0.17	0.017	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
Indeno[1,2,3-cd]pyrene	<0.033		0.033	0.032	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
Isophorone	<0.17		0.17	0.017	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
Naphthalene	<0.033		0.033	0.0060	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
Nitrobenzene	<0.033		0.033	0.011	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
N-Nitrosodi-n-propylamine	<0.067		0.067	0.019	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
N-Nitrosodiphenylamine	<0.17		0.17	0.066	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
Pentachlorophenol	<0.67		0.67	0.37	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
Phenanthrene	<0.033		0.033	0.0072	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
Phenol	<0.17		0.17	0.014	mg/Kg		07/07/25 07:33	07/08/25 11:15	1
Pyrene	<0.033		0.033	0.0091	mg/Kg		07/07/25 07:33	07/08/25 11:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	84		31 - 166	07/07/25 07:33	07/08/25 11:15	1
Phenol-d5 (Surr)	82		30 - 153	07/07/25 07:33	07/08/25 11:15	1
Nitrobenzene-d5 (Surr)	79		37 - 147	07/07/25 07:33	07/08/25 11:15	1
2-Fluorobiphenyl (Surr)	94		43 - 145	07/07/25 07:33	07/08/25 11:15	1
2,4,6-Tribromophenol (Surr)	106		31 - 143	07/07/25 07:33	07/08/25 11:15	1
Terphenyl-d14 (Surr)	102		42 - 157	07/07/25 07:33	07/08/25 11:15	1

Lab Sample ID: LCS 500-824601/2-A

Matrix: Solid

Analysis Batch: 824795

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824601

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	3.33	2.78		mg/Kg		83	49 - 100
1,2-Dichlorobenzene	3.33	2.59		mg/Kg		78	47 - 94
1,3-Dichlorobenzene	3.33	2.53		mg/Kg		76	47 - 92
1,4-Dichlorobenzene	3.33	2.56		mg/Kg		77	46 - 92
2,2'-oxybis[1-chloropropane]	3.33	2.14		mg/Kg		64	43 - 111
2,4,5-Trichlorophenol	3.33	3.24		mg/Kg		97	48 - 121
2,4,6-Trichlorophenol	3.33	2.96		mg/Kg		89	50 - 121
2,4-Dichlorophenol	3.33	2.96		mg/Kg		89	51 - 109
2,4-Dimethylphenol	3.33	2.69		mg/Kg		81	48 - 93
2,4-Dinitrophenol	6.67	5.31		mg/Kg		80	10 - 130
2,4-Dinitrotoluene	3.33	3.06		mg/Kg		92	65 - 120
2,6-Dinitrotoluene	3.33	2.91		mg/Kg		87	66 - 117
2-Chloronaphthalene	3.33	2.80		mg/Kg		84	60 - 107
2-Chlorophenol	3.33	2.55		mg/Kg		77	50 - 102
2-Methylnaphthalene	3.33	2.76		mg/Kg		83	58 - 103
2-Methylphenol	3.33	2.70		mg/Kg		81	50 - 104
2-Nitroaniline	3.33	2.43		mg/Kg		73	61 - 126
2-Nitrophenol	3.33	2.91		mg/Kg		87	41 - 114

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-271002-1

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

Lab Sample ID: LCS 500-824601/2-A

Matrix: Solid

Analysis Batch: 824795

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824601

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
3 & 4 Methylphenol	3.33	2.57		mg/Kg		77	49 - 109
3,3'-Dichlorobenzidine	3.33	2.40		mg/Kg		72	36 - 131
3-Nitroaniline	3.33	2.40		mg/Kg		72	44 - 124
4,6-Dinitro-2-methylphenol	6.67	6.11		mg/Kg		92	36 - 138
4-Bromophenyl phenyl ether	3.33	3.45		mg/Kg		104	57 - 124
4-Chloro-3-methylphenol	3.33	2.68		mg/Kg		80	57 - 113
4-Chloroaniline	3.33	1.92		mg/Kg		57	22 - 110
4-Chlorophenyl phenyl ether	3.33	2.94		mg/Kg		88	60 - 112
4-Nitroaniline	3.33	2.58		mg/Kg		77	60 - 115
4-Nitrophenol	6.67	4.73		mg/Kg		71	45 - 126
Acenaphthene	3.33	2.72		mg/Kg		82	63 - 109
Acenaphthylene	3.33	2.88		mg/Kg		86	61 - 115
Anthracene	3.33	3.14		mg/Kg		94	68 - 120
Benzo[a]anthracene	3.33	2.91		mg/Kg		87	70 - 121
Benzo[a]pyrene	3.33	3.00		mg/Kg		90	73 - 132
Benzo[b]fluoranthene	3.33	3.16		mg/Kg		95	68 - 123
Benzo[g,h,i]perylene	3.33	2.80		mg/Kg		84	65 - 126
Benzo[k]fluoranthene	3.33	3.11		mg/Kg		93	64 - 128
Bis(2-chloroethoxy)methane	3.33	2.45		mg/Kg		73	54 - 102
Bis(2-chloroethyl)ether	3.33	2.34		mg/Kg		70	49 - 99
Bis(2-ethylhexyl) phthalate	3.33	2.61		mg/Kg		78	70 - 139
Butyl benzyl phthalate	3.33	2.60		mg/Kg		78	65 - 140
Carbazole	3.33	3.04		mg/Kg		91	68 - 120
Chrysene	3.33	2.88		mg/Kg		86	70 - 123
Dibenz(a,h)anthracene	3.33	3.11		mg/Kg		93	66 - 125
Dibenzofuran	3.33	2.85		mg/Kg		85	64 - 112
Diethyl phthalate	3.33	2.79		mg/Kg		84	66 - 115
Dimethyl phthalate	3.33	2.80		mg/Kg		84	65 - 114
Di-n-butyl phthalate	3.33	2.84		mg/Kg		85	69 - 125
Di-n-octyl phthalate	3.33	2.59		mg/Kg		78	61 - 131
Fluoranthene	3.33	3.25		mg/Kg		98	66 - 123
Fluorene	3.33	2.85		mg/Kg		85	62 - 113
Hexachlorobenzene	3.33	3.57		mg/Kg		107	52 - 126
Hexachlorobutadiene	3.33	2.95		mg/Kg		89	42 - 103
Hexachlorocyclopentadiene	3.33	3.38	*+	mg/Kg		101	10 - 100
Hexachloroethane	3.33	2.21		mg/Kg		66	45 - 95
Indeno[1,2,3-cd]pyrene	3.33	3.03		mg/Kg		91	66 - 131
Isophorone	3.33	2.40		mg/Kg		72	47 - 108
Naphthalene	3.33	2.60		mg/Kg		78	54 - 98
Nitrobenzene	3.33	2.43		mg/Kg		73	52 - 105
N-Nitrosodi-n-propylamine	3.33	2.33		mg/Kg		70	48 - 110
N-Nitrosodiphenylamine	3.33	3.07		mg/Kg		92	67 - 112
Pentachlorophenol	6.67	6.23		mg/Kg		93	32 - 128
Phenanthrene	3.33	2.94		mg/Kg		88	65 - 115
Phenol	3.33	2.70		mg/Kg		81	52 - 110
Pyrene	3.33	2.88		mg/Kg		86	71 - 128

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-271002-1

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

Lab Sample ID: LCS 500-824601/2-A

Matrix: Solid

Analysis Batch: 824795

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824601

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
2-Fluorophenol (Surr)	81		31 - 166
Phenol-d5 (Surr)	76		30 - 153
Nitrobenzene-d5 (Surr)	74		37 - 147
2-Fluorobiphenyl (Surr)	88		43 - 145
2,4,6-Tribromophenol (Surr)	106		31 - 143
Terphenyl-d14 (Surr)	98		42 - 157

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 500-824533/1-A

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 824533

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	0.829	J	2.0	0.39	mg/Kg		07/03/25 14:57	07/09/25 16:13	1
Arsenic	0.926	J	1.0	0.34	mg/Kg		07/03/25 14:57	07/09/25 16:13	1
Barium	<1.0		1.0	0.11	mg/Kg		07/03/25 14:57	07/09/25 16:13	1
Beryllium	<0.40		0.40	0.093	mg/Kg		07/03/25 14:57	07/09/25 16:13	1
Boron	<5.0		5.0	0.47	mg/Kg		07/03/25 14:57	07/09/25 16:13	1
Cadmium	<0.20		0.20	0.036	mg/Kg		07/03/25 14:57	07/09/25 16:13	1
Chromium	<1.0		1.0	0.50	mg/Kg		07/03/25 14:57	07/09/25 16:13	1
Cobalt	<0.50		0.50	0.13	mg/Kg		07/03/25 14:57	07/09/25 16:13	1
Copper	<1.0		1.0	0.28	mg/Kg		07/03/25 14:57	07/09/25 16:13	1
Iron	<20		20	10	mg/Kg		07/03/25 14:57	07/09/25 16:13	1
Lead	<0.50		0.50	0.23	mg/Kg		07/03/25 14:57	07/09/25 16:13	1
Magnesium	<10		10	5.0	mg/Kg		07/03/25 14:57	07/09/25 16:13	1
Nickel	<1.0		1.0	0.29	mg/Kg		07/03/25 14:57	07/09/25 16:13	1
Selenium	<1.0		1.0	0.59	mg/Kg		07/03/25 14:57	07/09/25 16:13	1
Silver	<0.50		0.50	0.13	mg/Kg		07/03/25 14:57	07/09/25 16:13	1
Vanadium	<0.50		0.50	0.12	mg/Kg		07/03/25 14:57	07/09/25 16:13	1
Zinc	<2.0		2.0	0.88	mg/Kg		07/03/25 14:57	07/09/25 16:13	1
Manganese	<1.0		1.0	0.15	mg/Kg		07/03/25 14:57	07/09/25 16:13	1

Lab Sample ID: MB 500-824533/1-A

Matrix: Solid

Analysis Batch: 825422

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 824533

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Thallium	<1.0		1.0	0.50	mg/Kg		07/03/25 14:57	07/11/25 05:11	1

Lab Sample ID: LCS 500-824533/2-A

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824533

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
	Added	Result	Qualifier			Limits	
Antimony	50.0	46.2		mg/Kg		92	80 - 120
Arsenic	10.0	9.37		mg/Kg		94	80 - 120
Barium	200	193		mg/Kg		97	80 - 120
Beryllium	5.00	4.88		mg/Kg		98	80 - 120

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-271002-1

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

Lab Sample ID: LCS 500-824533/2-A

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824533

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	100	87.1		mg/Kg		87	80 - 120
Cadmium	5.00	4.79		mg/Kg		96	80 - 120
Chromium	20.0	19.3		mg/Kg		96	80 - 120
Cobalt	50.0	48.0		mg/Kg		96	80 - 120
Copper	25.0	23.7		mg/Kg		95	80 - 120
Iron	100	107		mg/Kg		107	80 - 120
Lead	10.0	10.0		mg/Kg		100	80 - 120
Magnesium	1000	963		mg/Kg		96	80 - 120
Nickel	50.0	49.7		mg/Kg		99	80 - 120
Selenium	10.0	8.19		mg/Kg		82	80 - 120
Silver	5.00	4.28		mg/Kg		86	80 - 120
Vanadium	50.0	45.7		mg/Kg		91	80 - 120
Zinc	50.0	47.8		mg/Kg		96	80 - 120
Manganese	50.0	48.5		mg/Kg		97	80 - 120

Lab Sample ID: LCS 500-824533/2-A

Matrix: Solid

Analysis Batch: 825422

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824533

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Thallium	10.0	9.81		mg/Kg		98	80 - 120

Lab Sample ID: LCS 500-825298/2-A

Matrix: Solid

Analysis Batch: 825584

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 825298

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.104		mg/L		104	80 - 120
Barium	0.500	0.492		mg/L		98	80 - 120
Beryllium	0.0500	0.0499		mg/L		100	80 - 120
Boron	1.00	0.934		mg/L		93	80 - 120
Cadmium	0.0500	0.0493		mg/L		99	80 - 120
Chromium	0.200	0.199		mg/L		100	80 - 120
Cobalt	0.500	0.534		mg/L		107	80 - 120
Copper	0.250	0.245		mg/L		98	80 - 120
Iron	1.00	1.04		mg/L		104	80 - 120
Lead	0.100	0.108		mg/L		108	80 - 120
Nickel	0.500	0.515		mg/L		103	80 - 120
Selenium	0.100	0.107		mg/L		107	80 - 120
Silver	0.0500	0.0516		mg/L		103	80 - 120
Vanadium	0.500	0.506		mg/L		101	80 - 120
Zinc	0.500	0.550		mg/L		110	80 - 120
Manganese	0.500	0.477		mg/L		95	80 - 120

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-271002-1

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

Lab Sample ID: LCS 500-825322/2-A

Matrix: Solid

Analysis Batch: 825582

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 825322

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	0.500	0.469		mg/L		94	80 - 120

Lab Sample ID: LCS 500-825324/13-A

Matrix: Solid

Analysis Batch: 825582

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 825324

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.100		mg/L		100	80 - 120
Barium	0.500	0.506		mg/L		101	80 - 120
Beryllium	0.0500	0.0519		mg/L		104	80 - 120
Boron	1.00	1.03		mg/L		103	80 - 120
Cadmium	0.0500	0.0485		mg/L		97	80 - 120
Chromium	0.200	0.194		mg/L		97	80 - 120
Cobalt	0.500	0.503		mg/L		101	80 - 120
Copper	0.250	0.247		mg/L		99	80 - 120
Iron	1.00	1.09		mg/L		109	80 - 120
Lead	0.100	0.104		mg/L		104	80 - 120
Nickel	0.500	0.473		mg/L		95	80 - 120
Selenium	0.100	0.104		mg/L		104	80 - 120
Silver	0.0500	0.0466		mg/L		93	80 - 120
Vanadium	0.500	0.488		mg/L		98	80 - 120
Zinc	0.500	0.477	J	mg/L		95	80 - 120
Manganese	0.500	0.473		mg/L		95	80 - 120

Lab Sample ID: LCS 500-825493/2-A

Matrix: Solid

Analysis Batch: 825795

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 825493

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	0.500	0.493		mg/L		99	80 - 120

Lab Sample ID: LCS 500-825495/18-A

Matrix: Solid

Analysis Batch: 825794

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 825495

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.102		mg/L		102	80 - 120
Boron	1.00	1.00		mg/L		100	80 - 120
Cadmium	0.0500	0.0483		mg/L		97	80 - 120
Chromium	0.200	0.196		mg/L		98	80 - 120
Cobalt	0.500	0.504		mg/L		101	80 - 120
Copper	0.250	0.247		mg/L		99	80 - 120
Lead	0.100	0.100		mg/L		100	80 - 120
Selenium	0.100	0.0995		mg/L		100	80 - 120
Silver	0.0500	0.0481		mg/L		96	80 - 120
Vanadium	0.500	0.490		mg/L		98	80 - 120
Zinc	0.500	0.448	J	mg/L		90	80 - 120

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-271002-1

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

Lab Sample ID: LCS 500-825495/18-A

Matrix: Solid

Analysis Batch: 826004

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 825495

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	0.500	0.492		mg/L		98	80 - 120
Beryllium	0.0500	0.0469		mg/L		94	80 - 120
Iron	1.00	0.916		mg/L		92	80 - 120
Nickel	0.500	0.496		mg/L		99	80 - 120
Manganese	0.500	0.463		mg/L		93	80 - 120

Lab Sample ID: LCS 500-825495/2-A

Matrix: Solid

Analysis Batch: 825794

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 825495

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.114		mg/L		114	80 - 120
Barium	0.500	0.592		mg/L		118	80 - 120
Boron	1.00	0.950		mg/L		95	80 - 120
Cadmium	0.0500	0.0514		mg/L		103	80 - 120
Chromium	0.200	0.202		mg/L		101	80 - 120
Cobalt	0.500	0.545		mg/L		109	80 - 120
Copper	0.250	0.258		mg/L		103	80 - 120
Iron	1.00	0.871		mg/L		87	80 - 120
Lead	0.100	0.102		mg/L		102	80 - 120
Selenium	0.100	0.112		mg/L		112	80 - 120
Silver	0.0500	0.0540		mg/L		108	80 - 120
Vanadium	0.500	0.508		mg/L		102	80 - 120
Zinc	0.500	0.525		mg/L		105	80 - 120

Lab Sample ID: LCS 500-825495/2-A

Matrix: Solid

Analysis Batch: 826004

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 825495

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	0.0500	0.0495		mg/L		99	80 - 120
Nickel	0.500	0.544		mg/L		109	80 - 120
Manganese	0.500	0.470		mg/L		94	80 - 120

Lab Sample ID: LB 500-825006/1-B

Matrix: Solid

Analysis Batch: 825584

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 825298

Analyte	LB LB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Arsenic	<0.010		0.010	0.0037	mg/L		07/10/25 13:24	07/11/25 15:29	1
Barium	0.00264	J	0.010	0.0012	mg/L		07/10/25 13:24	07/11/25 15:29	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		07/10/25 13:24	07/11/25 15:29	1
Boron	<0.50		0.50	0.0056	mg/L		07/10/25 13:24	07/11/25 15:29	1
Cadmium	<0.0050		0.0050	0.00043	mg/L		07/10/25 13:24	07/11/25 15:29	1
Chromium	0.00224	J	0.010	0.0017	mg/L		07/10/25 13:24	07/11/25 15:29	1
Cobalt	<0.0050		0.0050	0.00078	mg/L		07/10/25 13:24	07/11/25 15:29	1
Copper	<0.010		0.010	0.0018	mg/L		07/10/25 13:24	07/11/25 15:29	1
Iron	<0.40		0.40	0.082	mg/L		07/10/25 13:24	07/11/25 15:29	1
Lead	<0.0075		0.0075	0.0027	mg/L		07/10/25 13:24	07/11/25 15:29	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-271002-1

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

Lab Sample ID: LB 500-825006/1-B

Matrix: Solid

Analysis Batch: 825584

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 825298

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	<0.010		0.010	0.0048	mg/L		07/10/25 13:24	07/11/25 15:29	1
Selenium	<0.050		0.050	0.0053	mg/L		07/10/25 13:24	07/11/25 15:29	1
Silver	<0.0050		0.0050	0.0015	mg/L		07/10/25 13:24	07/11/25 15:29	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		07/10/25 13:24	07/11/25 15:29	1
Zinc	0.00556	J	0.50	0.0050	mg/L		07/10/25 13:24	07/11/25 15:29	1
Manganese	<0.010		0.010	0.0023	mg/L		07/10/25 13:24	07/11/25 15:29	1

Lab Sample ID: LB2 500-825094/1-B

Matrix: Solid

Analysis Batch: 825582

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 825324

Analyte	LB2 Result	LB2 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.010	0.0037	mg/L		07/10/25 14:48	07/11/25 17:55	1
Barium	0.00290	J	0.010	0.0012	mg/L		07/10/25 14:48	07/11/25 17:55	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		07/10/25 14:48	07/11/25 17:55	1
Boron	0.0189	J	0.50	0.0056	mg/L		07/10/25 14:48	07/11/25 17:55	1
Cadmium	<0.0050		0.0050	0.00043	mg/L		07/10/25 14:48	07/11/25 17:55	1
Chromium	<0.010		0.010	0.0017	mg/L		07/10/25 14:48	07/11/25 17:55	1
Cobalt	<0.0050		0.0050	0.00078	mg/L		07/10/25 14:48	07/11/25 17:55	1
Copper	<0.010		0.010	0.0018	mg/L		07/10/25 14:48	07/11/25 17:55	1
Iron	0.156	J	0.40	0.082	mg/L		07/10/25 14:48	07/11/25 17:55	1
Lead	<0.0075		0.0075	0.0027	mg/L		07/10/25 14:48	07/11/25 17:55	1
Nickel	<0.010		0.010	0.0048	mg/L		07/10/25 14:48	07/11/25 17:55	1
Selenium	<0.050		0.050	0.0053	mg/L		07/10/25 14:48	07/11/25 17:55	1
Silver	<0.0050		0.0050	0.0015	mg/L		07/10/25 14:48	07/11/25 17:55	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		07/10/25 14:48	07/11/25 17:55	1
Zinc	<0.50		0.50	0.0050	mg/L		07/10/25 14:48	07/11/25 17:55	1
Manganese	<0.010		0.010	0.0023	mg/L		07/10/25 14:48	07/11/25 17:55	1

Lab Sample ID: LB 500-825303/1-B

Matrix: Solid

Analysis Batch: 825794

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 825495

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.010	0.0037	mg/L		07/11/25 13:50	07/15/25 01:15	1
Barium	0.00322	J	0.010	0.0012	mg/L		07/11/25 13:50	07/15/25 01:15	1
Boron	<0.50		0.50	0.0056	mg/L		07/11/25 13:50	07/15/25 01:15	1
Cadmium	<0.0050		0.0050	0.00043	mg/L		07/11/25 13:50	07/15/25 01:15	1
Chromium	0.00495	J	0.010	0.0017	mg/L		07/11/25 13:50	07/15/25 01:15	1
Cobalt	<0.0050		0.0050	0.00078	mg/L		07/11/25 13:50	07/15/25 01:15	1
Copper	0.00184	J	0.010	0.0018	mg/L		07/11/25 13:50	07/15/25 01:15	1
Iron	0.154	J	0.40	0.082	mg/L		07/11/25 13:50	07/15/25 01:15	1
Lead	<0.0075		0.0075	0.0027	mg/L		07/11/25 13:50	07/15/25 01:15	1
Selenium	<0.050		0.050	0.0053	mg/L		07/11/25 13:50	07/15/25 01:15	1
Silver	<0.0050		0.0050	0.0015	mg/L		07/11/25 13:50	07/15/25 01:15	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		07/11/25 13:50	07/15/25 01:15	1
Zinc	<0.50		0.50	0.0050	mg/L		07/11/25 13:50	07/15/25 01:15	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-271002-1

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

Lab Sample ID: LB 500-825303/1-B

Matrix: Solid

Analysis Batch: 826004

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 825495

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.0040		0.0040	0.00089	mg/L		07/11/25 13:50	07/15/25 11:57	1
Nickel	<0.010		0.010	0.0048	mg/L		07/11/25 13:50	07/15/25 11:57	1
Manganese	<0.010		0.010	0.0023	mg/L		07/11/25 13:50	07/15/25 11:57	1

Lab Sample ID: LB2 500-825347/1-B

Matrix: Solid

Analysis Batch: 825794

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 825495

Analyte	LB2 Result	LB2 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.010	0.0037	mg/L		07/11/25 13:50	07/15/25 02:52	1
Boron	0.0256	J	0.50	0.0056	mg/L		07/11/25 13:50	07/15/25 02:52	1
Cadmium	<0.0050		0.0050	0.00043	mg/L		07/11/25 13:50	07/15/25 02:52	1
Chromium	<0.010		0.010	0.0017	mg/L		07/11/25 13:50	07/15/25 02:52	1
Cobalt	<0.0050		0.0050	0.00078	mg/L		07/11/25 13:50	07/15/25 02:52	1
Copper	<0.010		0.010	0.0018	mg/L		07/11/25 13:50	07/15/25 02:52	1
Lead	<0.0075		0.0075	0.0027	mg/L		07/11/25 13:50	07/15/25 02:52	1
Selenium	<0.050		0.050	0.0053	mg/L		07/11/25 13:50	07/15/25 02:52	1
Silver	<0.0050		0.0050	0.0015	mg/L		07/11/25 13:50	07/15/25 02:52	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		07/11/25 13:50	07/15/25 02:52	1
Zinc	<0.50		0.50	0.0050	mg/L		07/11/25 13:50	07/15/25 02:52	1

Lab Sample ID: LB2 500-825347/1-B

Matrix: Solid

Analysis Batch: 826004

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 825495

Analyte	LB2 Result	LB2 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.00213	J	0.010	0.0012	mg/L		07/11/25 13:50	07/15/25 13:25	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		07/11/25 13:50	07/15/25 13:25	1
Iron	<0.40		0.40	0.082	mg/L		07/11/25 13:50	07/15/25 13:25	1
Nickel	<0.010		0.010	0.0048	mg/L		07/11/25 13:50	07/15/25 13:25	1
Manganese	<0.010		0.010	0.0023	mg/L		07/11/25 13:50	07/15/25 13:25	1

Lab Sample ID: 500-271002-3 MS

Matrix: Solid

Analysis Batch: 825794

Client Sample ID: 3055V-02-B03 (0-6)

Prep Type: TCLP

Prep Batch: 825495

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	<0.010		0.100	0.116		mg/L		116	75 - 125
Barium	0.17	B	0.500	0.787		mg/L		123	75 - 125
Boron	<0.50		1.00	1.01		mg/L		101	75 - 125
Cadmium	0.00079	J	0.0500	0.0543		mg/L		107	75 - 125
Chromium	0.0020	J B	0.200	0.205		mg/L		102	75 - 125
Cobalt	0.0058		0.500	0.567		mg/L		112	75 - 125
Copper	0.0033	J B	0.250	0.267		mg/L		106	75 - 125
Iron	3.8	B	1.00	4.70		mg/L		92	75 - 125
Lead	<0.0075		0.100	0.106		mg/L		106	75 - 125
Selenium	<0.050		0.100	0.116		mg/L		116	75 - 125
Silver	<0.0050		0.0500	0.0561		mg/L		112	75 - 125
Vanadium	<0.0050		0.500	0.524		mg/L		105	75 - 125

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-271002-1

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

Lab Sample ID: 500-271002-3 MS

Matrix: Solid

Analysis Batch: 825794

Client Sample ID: 3055V-02-B03 (0-6)

Prep Type: TCLP

Prep Batch: 825495

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	0.020	J	0.500	0.551		mg/L		106	75 - 125

Lab Sample ID: 500-271002-3 MS

Matrix: Solid

Analysis Batch: 826004

Client Sample ID: 3055V-02-B03 (0-6)

Prep Type: TCLP

Prep Batch: 825495

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	<0.0040		0.0500	0.0504		mg/L		101	75 - 125
Nickel	0.0052	J	0.500	0.559		mg/L		111	75 - 125
Manganese	1.1		0.500	1.57		mg/L		98	75 - 125

Lab Sample ID: 500-271002-3 DU

Matrix: Solid

Analysis Batch: 825794

Client Sample ID: 3055V-02-B03 (0-6)

Prep Type: TCLP

Prep Batch: 825495

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Arsenic	<0.010		<0.010		mg/L		NC	20
Barium	0.17	B	0.174		mg/L		1	20
Boron	<0.50		<0.50		mg/L		NC	20
Cadmium	0.00079	J	0.000892	J	mg/L		12	20
Chromium	0.0020	J B	<0.010		mg/L		NC	20
Cobalt	0.0058		0.00597		mg/L		3	20
Copper	0.0033	J B	0.00298	J	mg/L		9	20
Iron	3.8	B	3.75		mg/L		0.6	20
Lead	<0.0075		<0.0075		mg/L		NC	20
Selenium	<0.050		<0.050		mg/L		NC	20
Silver	<0.0050		<0.0050		mg/L		NC	20
Vanadium	<0.0050		<0.0050		mg/L		NC	20
Zinc	0.020	J	0.0192	J	mg/L		4	20

Lab Sample ID: 500-271002-3 DU

Matrix: Solid

Analysis Batch: 826004

Client Sample ID: 3055V-02-B03 (0-6)

Prep Type: TCLP

Prep Batch: 825495

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Beryllium	<0.0040		<0.0040		mg/L		NC	20
Nickel	0.0052	J	0.00550	J	mg/L		5	20
Manganese	1.1		1.10		mg/L		1	20

Lab Sample ID: LB 500-825016/1-B

Matrix: Solid

Analysis Batch: 825582

Client Sample ID: Method Blank

Prep Type: SPLP East

Prep Batch: 825322

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	0.00662	J	0.010	0.0023	mg/L		07/10/25 14:46	07/11/25 22:37	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-271002-1

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

Lab Sample ID: LB 500-825304/1-B

Matrix: Solid

Analysis Batch: 825795

Client Sample ID: Method Blank

Prep Type: SPLP East

Prep Batch: 825493

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	<0.010		0.010	0.0023	mg/L		07/11/25 13:45	07/14/25 13:24	1

Lab Sample ID: 500-271002-3 MS

Matrix: Solid

Analysis Batch: 825795

Client Sample ID: 3055V-02-B03 (0-6)

Prep Type: SPLP East

Prep Batch: 825493

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	0.0058	J	0.500	0.490		mg/L		97	75 - 125

Lab Sample ID: 500-271002-3 DU

Matrix: Solid

Analysis Batch: 825795

Client Sample ID: 3055V-02-B03 (0-6)

Prep Type: SPLP East

Prep Batch: 825493

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Manganese	0.0058	J	0.00555	J	mg/L		4	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: LCS 500-825298/2-A

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 825298

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.574		mg/L		115	80 - 120
Thallium	0.100	0.110		mg/L		110	80 - 120

Lab Sample ID: LCS 500-825324/13-A

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 825324

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.505		mg/L		101	80 - 120
Thallium	0.100	0.106		mg/L		106	80 - 120

Lab Sample ID: LCS 500-825495/18-A

Matrix: Solid

Analysis Batch: 825998

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 825495

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.478		mg/L		96	80 - 120
Thallium	0.100	0.100		mg/L		100	80 - 120

Lab Sample ID: LCS 500-825495/2-A

Matrix: Solid

Analysis Batch: 825998

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 825495

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.512		mg/L		102	80 - 120
Thallium	0.100	0.0998		mg/L		100	80 - 120

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-271002-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LB 500-825006/1-B

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 825298

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0060	mg/L		07/10/25 13:24	07/14/25 17:13	1
Thallium	<0.0020		0.0020	0.0020	mg/L		07/10/25 13:24	07/14/25 17:13	1

Lab Sample ID: LB2 500-825094/1-B

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 825324

Analyte	LB2 Result	LB2 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0060	mg/L		07/10/25 14:48	07/14/25 17:50	1
Thallium	<0.0020		0.0020	0.0020	mg/L		07/10/25 14:48	07/14/25 17:50	1

Lab Sample ID: LB 500-825303/1-B

Matrix: Solid

Analysis Batch: 825998

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 825495

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0060	mg/L		07/11/25 13:50	07/15/25 14:00	1
Thallium	<0.0020		0.0020	0.0020	mg/L		07/11/25 13:50	07/15/25 14:00	1

Lab Sample ID: LB2 500-825347/1-B

Matrix: Solid

Analysis Batch: 825998

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 825495

Analyte	LB2 Result	LB2 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0060	mg/L		07/11/25 13:50	07/15/25 15:28	1
Thallium	<0.0020		0.0020	0.0020	mg/L		07/11/25 13:50	07/15/25 15:28	1

Lab Sample ID: 500-271002-3 MS

Matrix: Solid

Analysis Batch: 825998

Client Sample ID: 3055V-02-B03 (0-6)

Prep Type: TCLP

Prep Batch: 825495

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0060		0.500	0.535		mg/L		107	75 - 125
Thallium	<0.0020		0.100	0.106		mg/L		106	75 - 125

Lab Sample ID: 500-271002-3 DU

Matrix: Solid

Analysis Batch: 825998

Client Sample ID: 3055V-02-B03 (0-6)

Prep Type: TCLP

Prep Batch: 825495

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<0.0060		<0.0060		mg/L		NC	20
Thallium	<0.0020		<0.0020		mg/L		NC	20

QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-271002-1

Method: 7470A - Mercury

Lab Sample ID: MB 500-825454/12-A
Matrix: Solid
Analysis Batch: 825685

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 825454

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/11/25 11:00	07/14/25 10:12	1

Lab Sample ID: LCS 500-825454/21-A
Matrix: Solid
Analysis Batch: 825685

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 825454

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00185		mg/L		93	80 - 120

Lab Sample ID: MB 500-825664/12-A
Matrix: Solid
Analysis Batch: 825842

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 825664

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/14/25 10:25	07/15/25 08:56	1

Lab Sample ID: LCS 500-825664/14-A
Matrix: Solid
Analysis Batch: 825842

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 825664

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00186		mg/L		93	80 - 120

Lab Sample ID: LCS 500-825664/31-A
Matrix: Solid
Analysis Batch: 825842

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 825664

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00181		mg/L		91	80 - 120

Lab Sample ID: MB 500-825858/12-A
Matrix: Solid
Analysis Batch: 826047

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 825858

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/15/25 11:35	07/16/25 09:27	1

Lab Sample ID: LCS 500-825858/14-A
Matrix: Solid
Analysis Batch: 826047

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 825858

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00196		mg/L		98	80 - 120

Lab Sample ID: LB2 500-825094/1-C
Matrix: Solid
Analysis Batch: 825685

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 825454

Analyte	LB2 Result	LB2 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/11/25 11:00	07/14/25 10:42	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-271002-1

Method: 7470A - Mercury

Lab Sample ID: LB 500-825006/1-C
Matrix: Solid
Analysis Batch: 825842

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 825664

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/14/25 10:25	07/15/25 08:58	1

Lab Sample ID: LB2 500-825347/1-C
Matrix: Solid
Analysis Batch: 825842

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 825664

Analyte	LB2 Result	LB2 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/14/25 10:25	07/15/25 09:33	1

Lab Sample ID: LB 500-825303/1-C
Matrix: Solid
Analysis Batch: 826047

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 825858

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/15/25 11:35	07/16/25 09:28	1

Lab Sample ID: 500-271002-3 MS
Matrix: Solid
Analysis Batch: 826047

Client Sample ID: 3055V-02-B03 (0-6)
Prep Type: TCLP
Prep Batch: 825858

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00020		0.000999	0.000976		mg/L		98	75 - 125

Lab Sample ID: 500-271002-3 DU
Matrix: Solid
Analysis Batch: 826047

Client Sample ID: 3055V-02-B03 (0-6)
Prep Type: TCLP
Prep Batch: 825858

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Mercury	<0.00020		<0.00020		mg/L		NC	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 500-825675/12-A
Matrix: Solid
Analysis Batch: 825844

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 825675

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.017		0.017	0.0069	mg/Kg		07/14/25 15:25	07/15/25 09:19	1

Lab Sample ID: LCS 500-825675/13-A
Matrix: Solid
Analysis Batch: 825844

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 825675

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.167	0.161		mg/Kg		97	80 - 120

QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-271002-1

Method: 9012B - Cyanide, Total and/or Amenable

Lab Sample ID: MB 500-824702/1-A

Matrix: Solid

Analysis Batch: 824754

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 824702

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.24		0.24	0.12	mg/Kg		07/07/25 14:36	07/07/25 16:52	1

Lab Sample ID: LCS 500-824702/2-A

Matrix: Solid

Analysis Batch: 824754

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824702

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	2.40	2.45		mg/Kg		102	85 - 115

Lab Sample ID: 500-271002-3 MS

Matrix: Solid

Analysis Batch: 824754

Client Sample ID: 3055V-02-B03 (0-6)

Prep Type: Total/NA

Prep Batch: 824702

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	<0.27		2.78	2.89		mg/Kg	⚠	104	75 - 125

Lab Sample ID: 500-271002-3 MSD

Matrix: Solid

Analysis Batch: 824754

Client Sample ID: 3055V-02-B03 (0-6)

Prep Type: Total/NA

Prep Batch: 824702

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	<0.27		2.66	2.53		mg/Kg	⚠	95	75 - 125	13	20

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-271002-1

Client Sample ID: 3055V-02-B01 (0-6)

Lab Sample ID: 500-271002-1

Date Collected: 07/01/25 22:40

Matrix: Solid

Date Received: 07/02/25 17:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			825016	RJ	EET CHI	07/09/25 15:53 - 07/10/25 09:53 ¹
SPLP East	Prep	3010A			825322	MS	EET CHI	07/10/25 14:46 - 07/10/25 20:46 ¹
SPLP East	Analysis	6010D		1	825582	S1Z	EET CHI	07/12/25 00:30
TCLP	Leach	1311			825094	TJ	EET CHI	07/09/25 13:53 - 07/10/25 09:53 ¹
TCLP	Prep	3010A			825324	MS	EET CHI	07/10/25 14:48 - 07/10/25 20:48 ¹
TCLP	Analysis	6010D		1	825582	S1Z	EET CHI	07/11/25 18:36
TCLP	Leach	1311			825094	TJ	EET CHI	07/09/25 13:53 - 07/10/25 09:53 ¹
TCLP	Prep	3010A			825324	MS	EET CHI	07/10/25 14:48 - 07/10/25 20:48 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 17:58
TCLP	Leach	1311			825094	TJ	EET CHI	07/09/25 13:53 - 07/10/25 09:53 ¹
TCLP	Prep	7470A			825454	MJG	EET CHI	07/11/25 11:00 - 07/11/25 13:00 ¹
TCLP	Analysis	7470A		1	825685	MJG	EET CHI	07/14/25 11:00
Total/NA	Analysis	9045D		1	824704	RB	EET CHI	07/07/25 11:20
Total/NA	Analysis	Moisture		1	824438	RB	EET CHI	07/03/25 08:56

Client Sample ID: 3055V-02-B01 (0-6)

Lab Sample ID: 500-271002-1

Date Collected: 07/01/25 22:40

Matrix: Solid

Date Received: 07/02/25 17:16

Percent Solids: 92.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			825027	LD	EET CHI	07/02/25 19:17
Total/NA	Analysis	8260D		1	824997	MM	EET CHI	07/09/25 16:32
Total/NA	Prep	3546			824601	SC	EET CHI	07/07/25 07:33
Total/NA	Analysis	8270E		1	824993	BA	EET CHI	07/09/25 20:20
Total/NA	Prep	3050B			824533	MS	EET CHI	07/03/25 14:57 - 07/03/25 19:57 ¹
Total/NA	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 17:57
Total/NA	Prep	3050B			824533	MS	EET CHI	07/03/25 14:57 - 07/03/25 19:57 ¹
Total/NA	Analysis	6010D		1	825422	SJ	EET CHI	07/11/25 05:33
Total/NA	Prep	3050B			824533	MS	EET CHI	07/03/25 14:57 - 07/03/25 19:57 ¹
Total/NA	Analysis	6010D		10	825422	SJ	EET CHI	07/11/25 05:37
Total/NA	Prep	7471B			825675	MJG	EET CHI	07/14/25 15:25
Total/NA	Analysis	7471B		1	825844	MJG	EET CHI	07/15/25 09:33
Total/NA	Prep	9010C			824702	AC	EET CHI	07/07/25 14:36 - 07/07/25 15:06 ¹
Total/NA	Analysis	9012B		1	824754	AC	EET CHI	07/07/25 17:05

Client Sample ID: 3055V-02-B02 (0-6)

Lab Sample ID: 500-271002-2

Date Collected: 07/01/25 23:00

Matrix: Solid

Date Received: 07/02/25 17:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			825016	RJ	EET CHI	07/09/25 15:53 - 07/10/25 09:53 ¹
SPLP East	Prep	3010A			825322	MS	EET CHI	07/10/25 14:46 - 07/10/25 20:46 ¹
SPLP East	Analysis	6010D		1	825582	S1Z	EET CHI	07/12/25 00:34

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Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-271002-1

Client Sample ID: 3055V-02-B02 (0-6)

Lab Sample ID: 500-271002-2

Date Collected: 07/01/25 23:00

Matrix: Solid

Date Received: 07/02/25 17:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			825006	RJ	EET CHI	07/09/25 16:42 - 07/10/25 10:42 ¹
TCLP	Prep	3010A			825298	MS	EET CHI	07/10/25 13:24 - 07/10/25 19:24 ¹
TCLP	Analysis	6010D		5	825794	S1Z	EET CHI	07/14/25 22:18
TCLP	Leach	1311			825006	RJ	EET CHI	07/09/25 16:42 - 07/10/25 10:42 ¹
TCLP	Prep	3010A			825298	MS	EET CHI	07/10/25 13:24 - 07/10/25 19:24 ¹
TCLP	Analysis	6010D		1	825584	S1Z	EET CHI	07/11/25 16:42
TCLP	Leach	1311			825006	RJ	EET CHI	07/09/25 16:42 - 07/10/25 10:42 ¹
TCLP	Prep	3010A			825298	MS	EET CHI	07/10/25 13:24 - 07/10/25 19:24 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 17:46
TCLP	Leach	1311			825006	RJ	EET CHI	07/09/25 16:42 - 07/10/25 10:42 ¹
TCLP	Prep	7470A			825664	MJG	EET CHI	07/14/25 10:25 - 07/14/25 12:25 ¹
TCLP	Analysis	7470A		1	825842	MJG	EET CHI	07/15/25 09:28
Total/NA	Analysis	9045D		1	824704	RB	EET CHI	07/07/25 11:23
Total/NA	Analysis	Moisture		1	824438	RB	EET CHI	07/03/25 08:56

Client Sample ID: 3055V-02-B02 (0-6)

Lab Sample ID: 500-271002-2

Date Collected: 07/01/25 23:00

Matrix: Solid

Date Received: 07/02/25 17:16

Percent Solids: 88.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			825027	LD	EET CHI	07/02/25 19:17
Total/NA	Analysis	8260D		1	824997	MM	EET CHI	07/09/25 16:58
Total/NA	Prep	3546			824601	SC	EET CHI	07/07/25 07:33
Total/NA	Analysis	8270E		1	824850	H7CM	EET CHI	07/09/25 03:04
Total/NA	Prep	3050B			824533	MS	EET CHI	07/03/25 14:57 - 07/03/25 19:57 ¹
Total/NA	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 18:02
Total/NA	Prep	3050B			824533	MS	EET CHI	07/03/25 14:57 - 07/03/25 19:57 ¹
Total/NA	Analysis	6010D		1	825422	SJ	EET CHI	07/11/25 05:50
Total/NA	Prep	3050B			824533	MS	EET CHI	07/03/25 14:57 - 07/03/25 19:57 ¹
Total/NA	Analysis	6010D		5	825422	SJ	EET CHI	07/11/25 05:55
Total/NA	Prep	7471B			825675	MJG	EET CHI	07/14/25 15:25
Total/NA	Analysis	7471B		1	825844	MJG	EET CHI	07/15/25 09:35
Total/NA	Prep	9010C			824702	AC	EET CHI	07/07/25 14:36 - 07/07/25 15:06 ¹
Total/NA	Analysis	9012B		1	824754	AC	EET CHI	07/07/25 17:07

Client Sample ID: 3055V-02-B03 (0-6)

Lab Sample ID: 500-271002-3

Date Collected: 07/02/25 00:00

Matrix: Solid

Date Received: 07/02/25 17:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			825304	TJ	EET CHI	07/10/25 15:14 - 07/11/25 09:14 ¹
SPLP East	Prep	3010A			825493	MS	EET CHI	07/11/25 13:45 - 07/11/25 19:45 ¹
SPLP East	Analysis	6010D		1	825795	S1Z	EET CHI	07/14/25 13:33

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Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-271002-1

Client Sample ID: 3055V-02-B03 (0-6)

Lab Sample ID: 500-271002-3

Date Collected: 07/02/25 00:00

Matrix: Solid

Date Received: 07/02/25 17:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			825303	TJ	EET CHI	07/10/25 16:16 - 07/11/25 10:16 ¹
TCLP	Prep	3010A			825495	MS	EET CHI	07/11/25 13:50 - 07/11/25 19:50 ¹
TCLP	Analysis	6010D		1	825794	S1Z	EET CHI	07/15/25 01:24
TCLP	Leach	1311			825303	TJ	EET CHI	07/10/25 16:16 - 07/11/25 10:16 ¹
TCLP	Prep	3010A			825495	MS	EET CHI	07/11/25 13:50 - 07/11/25 19:50 ¹
TCLP	Analysis	6010D		1	826004	S1Z	EET CHI	07/15/25 12:06
TCLP	Leach	1311			825303	TJ	EET CHI	07/10/25 16:16 - 07/11/25 10:16 ¹
TCLP	Prep	3010A			825495	MS	EET CHI	07/11/25 13:50 - 07/11/25 19:50 ¹
TCLP	Analysis	6020B		1	825998	RN	EET CHI	07/15/25 14:08
TCLP	Leach	1311			825303	TJ	EET CHI	07/10/25 16:16 - 07/11/25 10:16 ¹
TCLP	Prep	7470A			825858	MJG	EET CHI	07/15/25 11:35 - 07/15/25 13:35 ¹
TCLP	Analysis	7470A		1	826047	MJG	EET CHI	07/16/25 10:00
Total/NA	Analysis	9045D		1	824704	RB	EET CHI	07/07/25 11:28
Total/NA	Analysis	Moisture		1	824443	RB	EET CHI	07/03/25 09:14

Client Sample ID: 3055V-02-B03 (0-6)

Lab Sample ID: 500-271002-3

Date Collected: 07/02/25 00:00

Matrix: Solid

Date Received: 07/02/25 17:16

Percent Solids: 82.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			825027	LD	EET CHI	07/02/25 19:17
Total/NA	Analysis	8260D		1	824997	MM	EET CHI	07/09/25 17:25
Total/NA	Prep	3546			824601	SC	EET CHI	07/07/25 07:33
Total/NA	Analysis	8270E		1	824850	H7CM	EET CHI	07/08/25 23:32
Total/NA	Prep	3050B			824533	MS	EET CHI	07/03/25 14:57 - 07/03/25 19:57 ¹
Total/NA	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 18:07
Total/NA	Prep	3050B			824533	MS	EET CHI	07/03/25 14:57 - 07/03/25 19:57 ¹
Total/NA	Analysis	6010D		1	825422	SJ	EET CHI	07/11/25 05:59
Total/NA	Prep	7471B			825675	MJG	EET CHI	07/14/25 15:25
Total/NA	Analysis	7471B		1	825844	MJG	EET CHI	07/15/25 09:36
Total/NA	Prep	9010C			824702	AC	EET CHI	07/07/25 14:36 - 07/07/25 15:06 ¹
Total/NA	Analysis	9012B		1	824754	AC	EET CHI	07/07/25 17:07

Client Sample ID: 3055V-02-B04 (0-6)

Lab Sample ID: 500-271002-4

Date Collected: 07/02/25 00:20

Matrix: Solid

Date Received: 07/02/25 17:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			825304	TJ	EET CHI	07/10/25 15:14 - 07/11/25 09:14 ¹
SPLP East	Prep	3010A			825493	MS	EET CHI	07/11/25 13:45 - 07/11/25 19:45 ¹
SPLP East	Analysis	6010D		1	825795	S1Z	EET CHI	07/14/25 13:59
TCLP	Leach	1311			825347	PA	EET CHI	07/10/25 16:16 - 07/11/25 10:16 ¹
TCLP	Prep	3010A			825495	MS	EET CHI	07/11/25 13:50 - 07/11/25 19:50 ¹
TCLP	Analysis	6010D		1	825794	S1Z	EET CHI	07/15/25 03:01

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-271002-1

Client Sample ID: 3055V-02-B04 (0-6)

Lab Sample ID: 500-271002-4

Date Collected: 07/02/25 00:20

Matrix: Solid

Date Received: 07/02/25 17:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			825347	PA	EET CHI	07/10/25 16:16 - 07/11/25 10:16 ¹
TCLP	Prep	3010A			825495	MS	EET CHI	07/11/25 13:50 - 07/11/25 19:50 ¹
TCLP	Analysis	6010D		1	826004	S1Z	EET CHI	07/15/25 13:34
TCLP	Leach	1311			825347	PA	EET CHI	07/10/25 16:16 - 07/11/25 10:16 ¹
TCLP	Prep	3010A			825495	MS	EET CHI	07/11/25 13:50 - 07/11/25 19:50 ¹
TCLP	Analysis	6020B		1	825998	RN	EET CHI	07/15/25 15:36
TCLP	Leach	1311			825347	PA	EET CHI	07/10/25 16:16 - 07/11/25 10:16 ¹
TCLP	Prep	7470A			825664	MJG	EET CHI	07/14/25 10:25 - 07/14/25 12:25 ¹
TCLP	Analysis	7470A		1	825842	MJG	EET CHI	07/15/25 09:48
Total/NA	Analysis	9045D		1	824704	RB	EET CHI	07/07/25 11:30
Total/NA	Analysis	Moisture		1	824443	RB	EET CHI	07/03/25 09:14

Client Sample ID: 3055V-02-B04 (0-6)

Lab Sample ID: 500-271002-4

Date Collected: 07/02/25 00:20

Matrix: Solid

Date Received: 07/02/25 17:16

Percent Solids: 93.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			825027	LD	EET CHI	07/02/25 19:17
Total/NA	Analysis	8260D		1	824997	MM	EET CHI	07/09/25 17:51
Total/NA	Prep	3546			824601	SC	EET CHI	07/07/25 07:33
Total/NA	Analysis	8270E		1	824850	H7CM	EET CHI	07/09/25 03:27
Total/NA	Prep	3050B			824533	MS	EET CHI	07/03/25 14:57 - 07/03/25 19:57 ¹
Total/NA	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 18:11
Total/NA	Prep	3050B			824533	MS	EET CHI	07/03/25 14:57 - 07/03/25 19:57 ¹
Total/NA	Analysis	6010D		1	825422	SJ	EET CHI	07/11/25 06:04
Total/NA	Prep	3050B			824533	MS	EET CHI	07/03/25 14:57 - 07/03/25 19:57 ¹
Total/NA	Analysis	6010D		5	825422	SJ	EET CHI	07/11/25 06:08
Total/NA	Prep	3050B			824533	MS	EET CHI	07/03/25 14:57 - 07/03/25 19:57 ¹
Total/NA	Analysis	6010D		10	825422	SJ	EET CHI	07/11/25 06:13
Total/NA	Prep	7471B			825675	MJG	EET CHI	07/14/25 15:25
Total/NA	Analysis	7471B		1	825844	MJG	EET CHI	07/15/25 09:38
Total/NA	Prep	9010C			824702	AC	EET CHI	07/07/25 14:36 - 07/07/25 15:06 ¹
Total/NA	Analysis	9012B		1	824754	AC	EET CHI	07/07/25 17:12

¹ This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

Eurofins Chicago

Accreditation/Certification Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-271002-1

Laboratory: Eurofins Chicago

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	100201	05-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260D	5035	Solid	1,3-Dichloropropene, Total
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Chain of Custody Record 734963



**Environment Testing
America**

Address _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

[illegible]

Login Sample Receipt Checklist

Client: WSP USA Inc

Job Number: 500-271002-1

Login Number: 271002

List Source: Eurofins Chicago

List Number: 1

Creator: Scott, Sherri L

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.0
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



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 290 (Interstate 290) Office Phone Number, if available: _____

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

418-428 S. Central Park Avenue (ISGS #3055V-165)

City: Chicago State: IL Zip Code: 60624

County: Cook Township: NA

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

Latitude: 41.87482 Longitude: - 87.71606

(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): _____ Approximate End Date (mm/dd/yyyy): _____

Estimated Volume of debris (cu. Yd.): 84

II. Owner/Operator Information for Source Site

Site Owner

Name: Illinois Department of Transportation

Street Address: 201 West Center Court

PO Box: _____

City: Schaumburg State: IL

Zip Code: 60196-1096 Phone: 847-705-4122

Contact: Jeffrey Williams

Email, if available: Jeffrey.Williams@illinois.gov

Site Operator

Name: Illinois Department of Transportation

Street Address: 201 West Center Court

PO Box: _____

City: Schaumburg State: IL

Zip Code: 60196-1096 Phone: 847-705-4122

Contact: Jeffrey Williams

Email, if available: Jeffrey.Williams@illinois.gov

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

Uncontaminated Soil Certification

III. Basis for Certification and Attachments

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

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

Location 3055V-165-B01 was sampled within the construction zone adjacent to ISGS #3055V-165 (Vacant Lot). Refer to PSI Report for ISGS #3055V-165 (Vacant Lot).

- 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

See attached data summary table and associated laboratory data package J270891-1.

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

I, Matt Weiss (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: WSP USA
Street Address: 30 N. LaSalle Suite 4200
City: Chicago State: IL Zip Code: 60602
Phone: 312-981-2044

Matt Weiss
Printed Name: _____


Licensed Professional Engineer or
Licensed Professional Geologist Signature:

10/16/25
Date:



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

Analytical Data Summary
PTB #196-002; Work Order 55A - IDOT Job # D-91-359-20

Key to Data Tables

- MAC = Maximum Allowable Concentration of Chemical Constituent in
Uncontaminated Soil Used as Fill Material At Regulated Fill Operations
- mg/kg = Milligrams per kilogram.
- mg/L = Milligrams per liter.
- MSA = Metropolitan Statistical Area
- TACO = Tiered Approach to Corrective Action Objectives
- TCLP = Toxicity Characteristic Leaching Procedure.
- SCGIER = Soil Component of the Groundwater Ingestion Exposure Route
- SPLP = Synthetic Precipitation Leaching Procedure.
- ND = Not detected.
- NA = Not analyzed or not applicable.
- J = Estimated value.
- U = Analyte was analyzed for but not detected.
- PID = Photoionization detector.
- = No PID readings detected above background (within instrument margin of error).

Criteria Qualifiers and Shading

- # = pH is less than 6.25 or greater than 9.0 standard units.
- † = Concentration exceeds the most stringent MAC.
- m = Concentration exceeds the MAC for an MSA.
- * = Concentration exceeds the MAC for Chicago corporate limits.
- c = Concentration exceeds a TACO Tier 1 RO for the Construction Worker Exposure Route.
- r = Concentration exceeds a TACO Tier 1 soil RO for residential properties.
- L = The detected TCLP/SPLP concentration exceeds the TACO Tier 1 RO for the SCGIER.
-  = Headspace reading exceeds background levels
-  = Concentration exceeds the most stringent MAC, but is below the MAC for an MSA.
-  = Concentration exceeds applicable comparison criteria.

PTB #196-002; Work Order 55A - IDOT Job # D-91-359-20
CONTAMINANTS OF CONCERN

SITE	ISGS #3055V-165 (Vacant Lot)	Comparison Criteria					
BORING	3055V-165-B01	MACs			TACO		
SAMPLE	3055V-165-B01 (0-2)	Most Stringent	Within an MSA	Within Chicago	Residential	Construction Worker	SCGIER
MATRIX	Soil						
DEPTH (feet)	0-2						
pH	7.4						
PID (meter units)	--						
VOCs (None Detected)							
SVOCs (None Detected)							
Inorganics (mg/kg)							
Arsenic	5.8	11.3	13	--	13	61	--
Barium	56	1,500	--	--	5,500	14,000	--
Beryllium	0.78	22	--	--	160	410	--
Boron	13	40	--	--	16,000	41,000	--
Cadmium	0.11 J	5.2	--	--	78	200	--
Chromium	28 †	21	--	--	230	690	--
Cobalt	14	20	--	--	4,700	12,000	--
Copper	26	2,900	--	--	2,900	8,200	--
Iron	22,000 †m	15,000	15,900	--	--	--	--
Lead	20	107	--	--	400	700	--
Magnesium	5,500	325,000	--	--	--	730,000	--
Manganese	110	630	636	--	1,600	4,100	--
Mercury	0.090	0.89	--	--	10	0.1	--
Nickel	44	100	--	--	1,600	4,100	--
Thallium	0.72	2.6	--	--	6.3	160	--
Vanadium	30	550	--	--	550	1,400	--
Zinc	69	5,100	--	--	23,000	61,000	--
TCLP Metals (mg/L)							
Barium	0.14	--	--	--	--	--	2
Boron	0.029 J	--	--	--	--	--	2
Cadmium	0.00072 J	--	--	--	--	--	0.005
Chromium	ND U	--	--	--	--	--	0.1
Copper	0.0025 J	--	--	--	--	--	0.65
Iron	0.48	--	--	--	--	--	5
Lead	0.0082 L	--	--	--	--	--	0.0075
Manganese	0.025	--	--	--	--	--	0.15
Nickel	0.0064 J	--	--	--	--	--	0.1
Vanadium	0.00098 J	--	--	--	--	--	0.049
Zinc	0.0081 J	--	--	--	--	--	5
SPLP Metals (mg/L)							
Lead	0.12 L	--	--	--	--	--	0.0075

ANALYTICAL REPORT

PREPARED FOR

Attn: Dean Tiebout
WSP USA Inc
30 North LaSalle Street
Chicago, Illinois 60602

Generated 7/16/2025 4:18:38 PM

JOB DESCRIPTION

IDOT - 196-002-WO55A I-290 Central Park

JOB NUMBER

500-270891-1

Eurofins Chicago

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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

Authorization



Generated
7/16/2025 4:18:38 PM

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

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Case Narrative

Client: WSP USA Inc
Project: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Job ID: 500-270891-1

Eurofins Chicago

Job Narrative 500-270891-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 7/1/2025 10:10 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 2.6°C, 3.3°C and 3.8°C.

Receipt Exceptions

The container label for the following sample(s) did not match the information listed on the Chain-of-Custody (COC): COC list 3055V-165-B1 (0-1) 1430 however container label 3055V-165-B02 (0-1). Sample date/time match. Logged per label pre client request

The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. COC list incomplete depth. Client states the depth to be (0-2).

Cyanide added per client request,

GC/MS VOA

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 500-824184 was outside the method criteria for the following analyte(s): Acetone, 2-Butanone (MEK), 2-Hexanone, 4-Methyl-2-pentanone (MIBK) and Vinyl acetate. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 500-824263 was outside the method criteria for the following analyte(s): Acetone. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D: Methylene chloride was detected in the following items: (MB 500-824263/7). Methylene chloride is a known lab contaminant; therefore all low level detects for this compound could be suspected as lab contamination.

Method 8260D: The method blank for preparation batch 500-824263 contained Chloroform above the reporting limit (RL). None of the samples associated with this method blank contained the target compound above the reporting limit; therefore, re-extraction and/or re-analysis of samples were not performed.

Method 8260D: The LCSD had 3 analytes fail low: Vinyl Chloride, Chloromethane and Chloroethane. Due to the samples not having any hits for these analytes, The LCS not having any failures, and the hold time for the samples affected being up soon the data has been reported.

(LCSD 500-824263/8)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA

Method 8270E: The continuing calibration verification (CCV) associated with batch 500-824407 recovered above the upper control limit for 2-Nitroaniline. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 500-824407/1).

Eurofins Chicago

Case Narrative

Client: WSP USA Inc
Project: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Job ID: 500-270891-1 (Continued)

Eurofins Chicago

Method 8270E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 500-824387 and analytical batch 500-824407 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8270E: The method blank for preparation batch 500-824905 and analytical batch 500-824983 contained Diethyl phthalate above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8270E: The continuing calibration verification (CCV) analyzed in 500-824983 was outside the method criteria for the following analyte(s): 2,4-Dinitrophenol and 2-Nitroaniline. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals

Method 6010D: The method blank for prep batch 824432 contained B-, Ba, and Fe above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6010D - TCLP: The method blank for preparation batch 500-824736 and 500-824919 and analytical batch 500-825222 contained Arsenic and Barium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6010D - TCLP: The method blank for preparation batch 500-824709 and 500-824919 and analytical batch 500-825222 contained Arsenic, Barium, Cadmium, Chromium, Cobalt and Copper above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6010D - TCLP: The method blank for preparation batch 500-824870 and 500-825103 and analytical batch 500-825353 contained Barium, Chromium and Selenium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6010D - TCLP: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3055V-179-B01 (0-1) (500-270891-1), 3055V-181-B01 (0-2) (500-270891-2), 3055V-01-B01 (5-10) (500-270891-6), 3055V-01-B01 (10-15) (500-270891-7), 3055V-01-B02 (0-5) (500-270891-9), 3055V-01-B02 (10-15) (500-270891-11), 3055V-01-B02 (10-15)D (500-270891-12), 3055V-01-B02 (15-20) (500-270891-13), 3055V-01-B04 (0-5) (500-270891-14), 3055V-01-B04 (5-10) (500-270891-15), (500-270891-E-1-J DU ^5), (500-270891-E-1-K MS ^5) and (500-270891-E-1-I SD ^25). Elevated reporting limits (RLs) are provided.

Method 6010D - TCLP: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3055V-200-B01 (0-2) (500-270891-3), 3055V-01-B01 (15-19.5) (500-270891-8) and 3055V-01-B02 (5-10) (500-270891-10). Elevated reporting limits (RLs) are provided.

Method 6010D - TCLP: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3055V-01-B04 (10-15) (500-270891-16), 3055V-01-B04 (15-20) (500-270891-17), 3055V-165-B02 (0-1) (500-270891-18) and 3055V-165-B01 (0-2) (500-270891-19). Elevated reporting limits (RLs) are provided.

Method 6010D - TCLP: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3055V-193-B01 (0-2) (500-270891-20), (500-270891-E-20-I DU ^5), (500-270891-E-20-J MS ^5) and (500-270891-E-20-H SD ^25). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

Method 9012B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 500-824575 and analytical batch 500-824731 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Chicago

Case Narrative

Client: WSP USA Inc
Project: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Job ID: 500-270891-1 (Continued)

Eurofins Chicago

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Eurofins Chicago

Detection Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-165-B01 (0-2)

Lab Sample ID: 500-270891-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloroform	0.0012	J B	0.0016	0.0012	mg/Kg	1	✳	8260D	Total/NA	
Arsenic	5.8		0.58	0.20	mg/Kg	1	✳	6010D	Total/NA	
Barium	56	B	0.58	0.066	mg/Kg	1	✳	6010D	Total/NA	
Beryllium	0.78		0.23	0.054	mg/Kg	1	✳	6010D	Total/NA	
Boron	13	B	2.9	0.27	mg/Kg	1	✳	6010D	Total/NA	
Cadmium	0.11	J	0.12	0.021	mg/Kg	1	✳	6010D	Total/NA	
Chromium	28		0.58	0.29	mg/Kg	1	✳	6010D	Total/NA	
Cobalt	14		0.29	0.076	mg/Kg	1	✳	6010D	Total/NA	
Copper	26		0.58	0.16	mg/Kg	1	✳	6010D	Total/NA	
Iron	22000	B	12	6.0	mg/Kg	1	✳	6010D	Total/NA	
Lead	20		0.29	0.13	mg/Kg	1	✳	6010D	Total/NA	
Magnesium	5500		5.8	2.9	mg/Kg	1	✳	6010D	Total/NA	
Manganese	110		0.58	0.084	mg/Kg	1	✳	6010D	Total/NA	
Nickel	44		0.58	0.17	mg/Kg	1	✳	6010D	Total/NA	
Thallium	0.72		0.58	0.29	mg/Kg	1	✳	6010D	Total/NA	
Vanadium	30		0.29	0.068	mg/Kg	1	✳	6010D	Total/NA	
Zinc	69		1.2	0.51	mg/Kg	1	✳	6010D	Total/NA	
Barium	0.14	B	0.010	0.0012	mg/L	1		6010D	TCLP	
Boron	0.029	J B	2.5	0.028	mg/L	5		6010D	TCLP	
Cadmium	0.00072	J	0.0050	0.00043	mg/L	1		6010D	TCLP	
Copper	0.0025	J	0.010	0.0018	mg/L	1		6010D	TCLP	
Iron	0.48		0.40	0.082	mg/L	1		6010D	TCLP	
Lead	0.0082		0.0075	0.0027	mg/L	1		6010D	TCLP	
Manganese	0.025		0.010	0.0023	mg/L	1		6010D	TCLP	
Nickel	0.0064	J	0.010	0.0048	mg/L	1		6010D	TCLP	
Selenium	0.011	J B	0.050	0.0053	mg/L	1		6010D	TCLP	
Vanadium	0.00098	J	0.0050	0.00092	mg/L	1		6010D	TCLP	
Zinc	0.0081	J	0.50	0.0050	mg/L	1		6010D	TCLP	
Lead	0.12		0.0075	0.0027	mg/L	1		6010D	SPLP East	
Mercury	0.090		0.019	0.0078	mg/Kg	1	✳	7471B	Total/NA	
pH	7.4		0.2	0.2	SU	1		9045D	Total/NA	

This Detection Summary does not include radiochemical test results.

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Method Summary

Client: WSP USA Inc

Job ID: 500-270891-1

Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CHI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CHI
6010D	Metals (ICP)	SW846	EET CHI
6020B	Metals (ICP/MS)	SW846	EET CHI
7470A	Mercury	SW846	EET CHI
7471B	Mercury (CVAA)	SW846	EET CHI
9012B	Cyanide, Total and/or Amenable	SW846	EET CHI
9045D	pH	SW846	EET CHI
Moisture	Percent Moisture	EPA	EET CHI
1311	TCLP Extraction	SW846	EET CHI
1312	SPLP Extraction	SW846	EET CHI
3010A	Preparation, Total Metals	SW846	EET CHI
3050B	Preparation, Metals	SW846	EET CHI
3546	Microwave Extraction	SW846	EET CHI
5035	Closed System Purge and Trap	SW846	EET CHI
7470A	Preparation, Mercury	SW846	EET CHI
7471B	Preparation, Mercury	SW846	EET CHI
9010C	Cyanide, Distillation	SW846	EET CHI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

Sample Summary

Client: WSP USA Inc

Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-270891-19	3055V-165-B01 (0-2)	Solid	06/30/25 14:40	07/01/25 10:10

Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-165-B01 (0-2)

Lab Sample ID: 500-270891-19

Date Collected: 06/30/25 14:40

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 83.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0068	mg/Kg	☆	07/01/25 19:06	07/02/25 20:46	1
Benzene	<0.0016		0.0016	0.00051	mg/Kg	☆	07/01/25 19:06	07/02/25 20:46	1
Bromodichloromethane	<0.0016		0.0016	0.00052	mg/Kg	☆	07/01/25 19:06	07/02/25 20:46	1
Bromoform	<0.0016		0.0016	0.00094	mg/Kg	☆	07/01/25 19:06	07/02/25 20:46	1
Bromomethane	<0.0040		0.0040	0.0020	mg/Kg	☆	07/01/25 19:06	07/02/25 20:46	1
2-Butanone (MEK)	<0.0040		0.0040	0.0018	mg/Kg	☆	07/01/25 19:06	07/02/25 20:46	1
Carbon disulfide	<0.0040		0.0040	0.00074	mg/Kg	☆	07/01/25 19:06	07/02/25 20:46	1
Carbon tetrachloride	<0.0016		0.0016	0.00055	mg/Kg	☆	07/01/25 19:06	07/02/25 20:46	1
Chlorobenzene	<0.0016		0.0016	0.00068	mg/Kg	☆	07/01/25 19:06	07/02/25 20:46	1
Chloroethane	<0.0040	*-	0.0040	0.0013	mg/Kg	☆	07/01/25 19:06	07/02/25 20:46	1
Chloroform	0.0012	J B	0.0016	0.0012	mg/Kg	☆	07/01/25 19:06	07/02/25 20:46	1
Chloromethane	<0.0040	*-	0.0040	0.00078	mg/Kg	☆	07/01/25 19:06	07/02/25 20:46	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00065	mg/Kg	☆	07/01/25 19:06	07/02/25 20:46	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00065	mg/Kg	☆	07/01/25 19:06	07/02/25 20:46	1
Dibromochloromethane	<0.0016		0.0016	0.00075	mg/Kg	☆	07/01/25 19:06	07/02/25 20:46	1
1,2-Dibromo-3-Chloropropane	<4.0		4.0	2.8	ug/Kg	☆	07/01/25 19:06	07/02/25 20:46	1
1,1-Dichloroethane	<0.0016		0.0016	0.00061	mg/Kg	☆	07/01/25 19:06	07/02/25 20:46	1
1,2-Dichloroethane	<0.0040		0.0040	0.0010	mg/Kg	☆	07/01/25 19:06	07/02/25 20:46	1
1,1-Dichloroethene	<0.0016		0.0016	0.00066	mg/Kg	☆	07/01/25 19:06	07/02/25 20:46	1
1,2-Dichloropropane	<0.0016		0.0016	0.00042	mg/Kg	☆	07/01/25 19:06	07/02/25 20:46	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00077	mg/Kg	☆	07/01/25 19:06	07/02/25 20:46	1
Ethylbenzene	<0.0016		0.0016	0.00085	mg/Kg	☆	07/01/25 19:06	07/02/25 20:46	1
2-Hexanone	<0.0040		0.0040	0.0025	mg/Kg	☆	07/01/25 19:06	07/02/25 20:46	1
Methylene Chloride	<0.0040		0.0040	0.0017	mg/Kg	☆	07/01/25 19:06	07/02/25 20:46	1
4-Methyl-2-pentanone (MIBK)	<0.0040		0.0040	0.0029	mg/Kg	☆	07/01/25 19:06	07/02/25 20:46	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00052	mg/Kg	☆	07/01/25 19:06	07/02/25 20:46	1
Styrene	<0.0016		0.0016	0.00073	mg/Kg	☆	07/01/25 19:06	07/02/25 20:46	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00080	mg/Kg	☆	07/01/25 19:06	07/02/25 20:46	1
Tetrachloroethene	<0.0016		0.0016	0.00091	mg/Kg	☆	07/01/25 19:06	07/02/25 20:46	1
Toluene	<0.0016		0.0016	0.00032	mg/Kg	☆	07/01/25 19:06	07/02/25 20:46	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00061	mg/Kg	☆	07/01/25 19:06	07/02/25 20:46	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00077	mg/Kg	☆	07/01/25 19:06	07/02/25 20:46	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00065	mg/Kg	☆	07/01/25 19:06	07/02/25 20:46	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00060	mg/Kg	☆	07/01/25 19:06	07/02/25 20:46	1
Trichloroethene	<0.0016		0.0016	0.00044	mg/Kg	☆	07/01/25 19:06	07/02/25 20:46	1
Vinyl acetate	<0.0040		0.0040	0.00096	mg/Kg	☆	07/01/25 19:06	07/02/25 20:46	1
Vinyl chloride	<0.0016	*-	0.0016	0.00066	mg/Kg	☆	07/01/25 19:06	07/02/25 20:46	1
Xylenes, Total	<0.0032		0.0032	0.00055	mg/Kg	☆	07/01/25 19:06	07/02/25 20:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		75 - 131	07/01/25 19:06	07/02/25 20:46	1
Dibromofluoromethane	103		75 - 126	07/01/25 19:06	07/02/25 20:46	1
1,2-Dichloroethane-d4 (Surr)	103		70 - 134	07/01/25 19:06	07/02/25 20:46	1
Toluene-d8 (Surr)	100		75 - 124	07/01/25 19:06	07/02/25 20:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.028	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1
1,2-Dichlorobenzene	<0.20		0.20	0.016	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1
1,3-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-165-B01 (0-2)

Lab Sample ID: 500-270891-19

Date Collected: 06/30/25 14:40

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 83.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	<0.20		0.20	0.019	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.028	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1
2,4,5-Trichlorophenol	<0.39		0.39	0.015	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1
2,4,6-Trichlorophenol	<0.39		0.39	0.013	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1
2,4-Dichlorophenol	<0.39		0.39	0.014	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1
2,4-Dimethylphenol	<0.39		0.39	0.088	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1
2,4-Dinitrophenol	<0.80		0.80	0.23	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1
2,4-Dinitrotoluene	<0.20		0.20	0.022	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1
2,6-Dinitrotoluene	<0.20		0.20	0.028	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1
2-Chloronaphthalene	<0.20		0.20	0.015	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1
2-Chlorophenol	<0.20		0.20	0.013	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1
2-Methylnaphthalene	<0.080		0.080	0.0079	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1
2-Methylphenol	<0.20		0.20	0.021	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1
2-Nitroaniline	<0.20		0.20	0.021	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1
2-Nitrophenol	<0.39		0.39	0.027	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1
3 & 4 Methylphenol	<0.20		0.20	0.029	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.17	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1
3-Nitroaniline	<0.39		0.39	0.018	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1
4,6-Dinitro-2-methylphenol	<0.80		0.80	0.22	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.027	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1
4-Chloro-3-methylphenol	<0.39		0.39	0.033	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1
4-Chloroaniline	<0.80		0.80	0.41	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1
4-Nitroaniline	<0.39		0.39	0.029	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1
4-Nitrophenol	<0.80		0.80	0.43	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1
Acenaphthene	<0.039		0.039	0.0080	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1
Acenaphthylene	<0.039		0.039	0.0067	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1
Anthracene	<0.039		0.039	0.0081	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1
Benzo[a]anthracene	<0.039		0.039	0.0084	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1
Benzo[a]pyrene	<0.039		0.039	0.038	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1
Benzo[b]fluoranthene	<0.039		0.039	0.038	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1
Benzo[g,h,i]perylene	<0.039		0.039	0.018	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1
Benzo[k]fluoranthene	<0.039		0.039	0.015	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.018	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.15	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1
Butyl benzyl phthalate	<0.20		0.20	0.020	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1
Carbazole	<0.20		0.20	0.016	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1
Chrysene	<0.039		0.039	0.010	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1
Dibenz(a,h)anthracene	<0.039		0.039	0.039	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1
Dibenzofuran	<0.20		0.20	0.014	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1
Diethyl phthalate	<0.20		0.20	0.018	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1
Dimethyl phthalate	<0.20		0.20	0.0086	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1
Di-n-butyl phthalate	<0.20		0.20	0.012	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1
Di-n-octyl phthalate	<0.39		0.39	0.28	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1
Fluoranthene	<0.039		0.039	0.0092	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1
Fluorene	<0.039		0.039	0.012	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1
Hexachlorobenzene	<0.080		0.080	0.0076	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1
Hexachlorobutadiene	<0.20		0.20	0.022	mg/Kg	☆	07/03/25 07:15	07/03/25 15:30	1

Eurofins Chicago

Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-165-B01 (0-2)

Lab Sample ID: 500-270891-19

Date Collected: 06/30/25 14:40

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 83.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	<0.80		0.80	0.42	mg/Kg	✱	07/03/25 07:15	07/03/25 15:30	1
Hexachloroethane	<0.20		0.20	0.020	mg/Kg	✱	07/03/25 07:15	07/03/25 15:30	1
Indeno[1,2,3-cd]pyrene	<0.039		0.039	0.038	mg/Kg	✱	07/03/25 07:15	07/03/25 15:30	1
Isophorone	<0.20		0.20	0.020	mg/Kg	✱	07/03/25 07:15	07/03/25 15:30	1
Naphthalene	<0.039		0.039	0.0071	mg/Kg	✱	07/03/25 07:15	07/03/25 15:30	1
Nitrobenzene	<0.039		0.039	0.012	mg/Kg	✱	07/03/25 07:15	07/03/25 15:30	1
N-Nitrosodi-n-propylamine	<0.080		0.080	0.023	mg/Kg	✱	07/03/25 07:15	07/03/25 15:30	1
N-Nitrosodiphenylamine	<0.20		0.20	0.078	mg/Kg	✱	07/03/25 07:15	07/03/25 15:30	1
Pentachlorophenol	<0.80		0.80	0.44	mg/Kg	✱	07/03/25 07:15	07/03/25 15:30	1
Phenanthrene	<0.039		0.039	0.0086	mg/Kg	✱	07/03/25 07:15	07/03/25 15:30	1
Phenol	<0.20		0.20	0.017	mg/Kg	✱	07/03/25 07:15	07/03/25 15:30	1
Pyrene	<0.039		0.039	0.011	mg/Kg	✱	07/03/25 07:15	07/03/25 15:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	76		31 - 166	07/03/25 07:15	07/03/25 15:30	1
Phenol-d5 (Surr)	74		30 - 153	07/03/25 07:15	07/03/25 15:30	1
Nitrobenzene-d5 (Surr)	79		37 - 147	07/03/25 07:15	07/03/25 15:30	1
2-Fluorobiphenyl (Surr)	75		43 - 145	07/03/25 07:15	07/03/25 15:30	1
2,4,6-Tribromophenol (Surr)	68		31 - 143	07/03/25 07:15	07/03/25 15:30	1
Terphenyl-d14 (Surr)	79		42 - 157	07/03/25 07:15	07/03/25 15:30	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.2		1.2	0.22	mg/Kg	✱	07/03/25 08:52	07/08/25 22:43	1
Arsenic	5.8		0.58	0.20	mg/Kg	✱	07/03/25 08:52	07/08/25 22:43	1
Barium	56	B	0.58	0.066	mg/Kg	✱	07/03/25 08:52	07/08/25 22:43	1
Beryllium	0.78		0.23	0.054	mg/Kg	✱	07/03/25 08:52	07/08/25 22:43	1
Boron	13	B	2.9	0.27	mg/Kg	✱	07/03/25 08:52	07/08/25 22:43	1
Cadmium	0.11	J	0.12	0.021	mg/Kg	✱	07/03/25 08:52	07/08/25 22:43	1
Chromium	28		0.58	0.29	mg/Kg	✱	07/03/25 08:52	07/08/25 22:43	1
Cobalt	14		0.29	0.076	mg/Kg	✱	07/03/25 08:52	07/08/25 22:43	1
Copper	26		0.58	0.16	mg/Kg	✱	07/03/25 08:52	07/08/25 22:43	1
Iron	22000	B	12	6.0	mg/Kg	✱	07/03/25 08:52	07/08/25 22:43	1
Lead	20		0.29	0.13	mg/Kg	✱	07/03/25 08:52	07/08/25 22:43	1
Magnesium	5500		5.8	2.9	mg/Kg	✱	07/03/25 08:52	07/08/25 22:43	1
Manganese	110		0.58	0.084	mg/Kg	✱	07/03/25 08:52	07/08/25 22:43	1
Nickel	44		0.58	0.17	mg/Kg	✱	07/03/25 08:52	07/08/25 22:43	1
Selenium	<0.58		0.58	0.34	mg/Kg	✱	07/03/25 08:52	07/08/25 22:43	1
Silver	<0.29		0.29	0.075	mg/Kg	✱	07/03/25 08:52	07/08/25 22:43	1
Thallium	0.72		0.58	0.29	mg/Kg	✱	07/03/25 08:52	07/08/25 22:43	1
Vanadium	30		0.29	0.068	mg/Kg	✱	07/03/25 08:52	07/08/25 22:43	1
Zinc	69		1.2	0.51	mg/Kg	✱	07/03/25 08:52	07/08/25 22:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.010	0.0037	mg/L		07/09/25 13:42	07/10/25 13:39	1
Barium	0.14	B	0.010	0.0012	mg/L		07/09/25 13:42	07/10/25 13:39	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		07/09/25 13:42	07/10/25 13:39	1
Boron	0.029	J B	2.5	0.028	mg/L		07/09/25 13:42	07/11/25 22:00	5
Cadmium	0.00072	J	0.0050	0.00043	mg/L		07/09/25 13:42	07/10/25 13:39	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-165-B01 (0-2)

Lab Sample ID: 500-270891-19

Date Collected: 06/30/25 14:40

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 83.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.010		0.010	0.0017	mg/L		07/09/25 13:42	07/10/25 13:39	1
Cobalt	<0.0050		0.0050	0.00078	mg/L		07/09/25 13:42	07/10/25 13:39	1
Copper	0.0025	J	0.010	0.0018	mg/L		07/09/25 13:42	07/10/25 13:39	1
Iron	0.48		0.40	0.082	mg/L		07/09/25 13:42	07/10/25 13:39	1
Lead	0.0082		0.0075	0.0027	mg/L		07/09/25 13:42	07/10/25 13:39	1
Manganese	0.025		0.010	0.0023	mg/L		07/09/25 13:42	07/10/25 13:39	1
Nickel	0.0064	J	0.010	0.0048	mg/L		07/09/25 13:42	07/10/25 13:39	1
Selenium	0.011	J B	0.050	0.0053	mg/L		07/09/25 13:42	07/10/25 13:39	1
Silver	<0.0050		0.0050	0.0015	mg/L		07/09/25 13:42	07/10/25 13:39	1
Vanadium	0.00098	J	0.0050	0.00092	mg/L		07/09/25 13:42	07/10/25 13:39	1
Zinc	0.0081	J	0.50	0.0050	mg/L		07/09/25 13:42	07/10/25 13:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.12		0.0075	0.0027	mg/L		07/10/25 13:29	07/11/25 13:17	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0060	mg/L		07/09/25 13:42	07/14/25 17:09	1
Thallium	<0.0020		0.0020	0.0020	mg/L		07/09/25 13:42	07/14/25 17:09	1

Method: SW846 7470A - Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/10/25 10:35	07/11/25 11:14	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.090		0.019	0.0078	mg/Kg	☆	07/10/25 15:15	07/11/25 11:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.26		0.26	0.13	mg/Kg	☆	07/07/25 14:55	07/07/25 17:27	1
pH (SW846 9045D)	7.4		0.2	0.2	SU			07/02/25 11:36	1

Definitions/Glossary

Client: WSP USA Inc

Job ID: 500-270891-1

Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

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

Metals

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

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.

Glossary

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

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Definitions/Glossary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

GC/MS VOA

Analysis Batch: 824184

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	Total/NA	Solid	8260D	824229
500-270891-2	3055V-181-B01 (0-2)	Total/NA	Solid	8260D	824229
500-270891-3	3055V-200-B01 (0-2)	Total/NA	Solid	8260D	824229
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	8260D	824229
500-270891-5	3055V-01-B01 (0-5)	Total/NA	Solid	8260D	824229
MB 500-824184/7	Method Blank	Total/NA	Solid	8260D	
LCS 500-824184/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 500-824184/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

Prep Batch: 824229

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	Total/NA	Solid	5035	
500-270891-2	3055V-181-B01 (0-2)	Total/NA	Solid	5035	
500-270891-3	3055V-200-B01 (0-2)	Total/NA	Solid	5035	
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	5035	
500-270891-5	3055V-01-B01 (0-5)	Total/NA	Solid	5035	
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	5035	
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	5035	
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	5035	
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	5035	
500-270891-10	3055V-01-B02 (5-10)	Total/NA	Solid	5035	
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	5035	
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	5035	
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	5035	
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	5035	
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	5035	
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	5035	
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	5035	
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	5035	
500-270891-19	3055V-165-B01 (0-2)	Total/NA	Solid	5035	
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	5035	

Analysis Batch: 824263

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	8260D	824229
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	8260D	824229
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	8260D	824229
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	8260D	824229
500-270891-10	3055V-01-B02 (5-10)	Total/NA	Solid	8260D	824229
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	8260D	824229
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	8260D	824229
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	8260D	824229
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	8260D	824229
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	8260D	824229
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	8260D	824229
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	8260D	824229
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	8260D	824229
500-270891-19	3055V-165-B01 (0-2)	Total/NA	Solid	8260D	824229
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	8260D	824229
MB 500-824263/7	Method Blank	Total/NA	Solid	8260D	
LCS 500-824263/5	Lab Control Sample	Total/NA	Solid	8260D	

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

GC/MS VOA (Continued)

Analysis Batch: 824263 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 500-824263/8	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS Semi VOA

Prep Batch: 824387

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	Total/NA	Solid	3546	
500-270891-2	3055V-181-B01 (0-2)	Total/NA	Solid	3546	
500-270891-3	3055V-200-B01 (0-2)	Total/NA	Solid	3546	
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	3546	
500-270891-5	3055V-01-B01 (0-5)	Total/NA	Solid	3546	
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	3546	
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	3546	
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	3546	
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	3546	
500-270891-10	3055V-01-B02 (5-10)	Total/NA	Solid	3546	
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	3546	
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	3546	
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	3546	
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	3546	
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	3546	
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	3546	
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	3546	
500-270891-19	3055V-165-B01 (0-2)	Total/NA	Solid	3546	
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	3546	
MB 500-824387/1-A	Method Blank	Total/NA	Solid	3546	
LCS 500-824387/2-A	Lab Control Sample	Total/NA	Solid	3546	
500-270891-20 MS	3055V-193-B01 (0-2)	Total/NA	Solid	3546	
500-270891-20 MSD	3055V-193-B01 (0-2)	Total/NA	Solid	3546	

Analysis Batch: 824407

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	Total/NA	Solid	8270E	824387
500-270891-2	3055V-181-B01 (0-2)	Total/NA	Solid	8270E	824387
500-270891-3	3055V-200-B01 (0-2)	Total/NA	Solid	8270E	824387
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	8270E	824387
500-270891-5	3055V-01-B01 (0-5)	Total/NA	Solid	8270E	824387
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	8270E	824387
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	8270E	824387
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	8270E	824387
500-270891-10	3055V-01-B02 (5-10)	Total/NA	Solid	8270E	824387
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	8270E	824387
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	8270E	824387
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	8270E	824387
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	8270E	824387
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	8270E	824387
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	8270E	824387
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	8270E	824387
500-270891-19	3055V-165-B01 (0-2)	Total/NA	Solid	8270E	824387
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	8270E	824387
MB 500-824387/1-A	Method Blank	Total/NA	Solid	8270E	824387

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

GC/MS Semi VOA (Continued)

Analysis Batch: 824407 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-824387/2-A	Lab Control Sample	Total/NA	Solid	8270E	824387
500-270891-20 MS	3055V-193-B01 (0-2)	Total/NA	Solid	8270E	824387
500-270891-20 MSD	3055V-193-B01 (0-2)	Total/NA	Solid	8270E	824387

Analysis Batch: 824795

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	8270E	824387

Prep Batch: 824905

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	3546	
MB 500-824905/1-A	Method Blank	Total/NA	Solid	3546	
LCS 500-824905/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 824983

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	8270E	824905
MB 500-824905/1-A	Method Blank	Total/NA	Solid	8270E	824905
LCS 500-824905/2-A	Lab Control Sample	Total/NA	Solid	8270E	824905

Metals

Prep Batch: 824432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	Total/NA	Solid	3050B	
500-270891-2	3055V-181-B01 (0-2)	Total/NA	Solid	3050B	
500-270891-3	3055V-200-B01 (0-2)	Total/NA	Solid	3050B	
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	3050B	
500-270891-5	3055V-01-B01 (0-5)	Total/NA	Solid	3050B	
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	3050B	
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	3050B	
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	3050B	
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	3050B	
500-270891-10	3055V-01-B02 (5-10)	Total/NA	Solid	3050B	
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	3050B	
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	3050B	
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	3050B	
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	3050B	
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	3050B	
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	3050B	
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	3050B	
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	3050B	
500-270891-19	3055V-165-B01 (0-2)	Total/NA	Solid	3050B	
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	3050B	
MB 500-824432/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-824432/2-A	Lab Control Sample	Total/NA	Solid	3050B	
500-270891-1 MS	3055V-179-B01 (0-1)	Total/NA	Solid	3050B	
500-270891-1 MSD	3055V-179-B01 (0-1)	Total/NA	Solid	3050B	
500-270891-1 DU	3055V-179-B01 (0-1)	Total/NA	Solid	3050B	

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Metals

Leach Batch: 824709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	TCLP	Solid	1311	
500-270891-2	3055V-181-B01 (0-2)	TCLP	Solid	1311	
500-270891-6	3055V-01-B01 (5-10)	TCLP	Solid	1311	
500-270891-7	3055V-01-B01 (10-15)	TCLP	Solid	1311	
500-270891-9	3055V-01-B02 (0-5)	TCLP	Solid	1311	
500-270891-11	3055V-01-B02 (10-15)	TCLP	Solid	1311	
500-270891-12	3055V-01-B02 (10-15)D	TCLP	Solid	1311	
500-270891-13	3055V-01-B02 (15-20)	TCLP	Solid	1311	
500-270891-14	3055V-01-B04 (0-5)	TCLP	Solid	1311	
500-270891-15	3055V-01-B04 (5-10)	TCLP	Solid	1311	
LB 500-824709/1-B	Method Blank	TCLP	Solid	1311	
LB 500-824709/1-C	Method Blank	TCLP	Solid	1311	
500-270891-1 MS	3055V-179-B01 (0-1)	TCLP	Solid	1311	
500-270891-1 DU	3055V-179-B01 (0-1)	TCLP	Solid	1311	

Leach Batch: 824710

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	SPLP East	Solid	1312	
500-270891-2	3055V-181-B01 (0-2)	SPLP East	Solid	1312	
500-270891-3	3055V-200-B01 (0-2)	SPLP East	Solid	1312	
500-270891-4	3055V-200-B02 (0-1)	SPLP East	Solid	1312	
500-270891-5	3055V-01-B01 (0-5)	SPLP East	Solid	1312	
500-270891-6	3055V-01-B01 (5-10)	SPLP East	Solid	1312	
500-270891-7	3055V-01-B01 (10-15)	SPLP East	Solid	1312	
500-270891-8	3055V-01-B01 (15-19.5)	SPLP East	Solid	1312	
500-270891-9	3055V-01-B02 (0-5)	SPLP East	Solid	1312	
500-270891-10	3055V-01-B02 (5-10)	SPLP East	Solid	1312	
500-270891-11	3055V-01-B02 (10-15)	SPLP East	Solid	1312	
500-270891-12	3055V-01-B02 (10-15)D	SPLP East	Solid	1312	
500-270891-13	3055V-01-B02 (15-20)	SPLP East	Solid	1312	
500-270891-14	3055V-01-B04 (0-5)	SPLP East	Solid	1312	
500-270891-15	3055V-01-B04 (5-10)	SPLP East	Solid	1312	
LB 500-824710/1-B	Method Blank	SPLP East	Solid	1312	
500-270891-1 MS	3055V-179-B01 (0-1)	SPLP East	Solid	1312	
500-270891-1 DU	3055V-179-B01 (0-1)	SPLP East	Solid	1312	

Leach Batch: 824736

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-3	3055V-200-B01 (0-2)	TCLP	Solid	1311	
500-270891-4	3055V-200-B02 (0-1)	TCLP	Solid	1311	
500-270891-5	3055V-01-B01 (0-5)	TCLP	Solid	1311	
500-270891-8	3055V-01-B01 (15-19.5)	TCLP	Solid	1311	
500-270891-10	3055V-01-B02 (5-10)	TCLP	Solid	1311	
LB2 500-824736/1-B	Method Blank	TCLP	Solid	1311	
LB2 500-824736/1-C	Method Blank	TCLP	Solid	1311	

Leach Batch: 824870

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-16	3055V-01-B04 (10-15)	TCLP	Solid	1311	
500-270891-17	3055V-01-B04 (15-20)	TCLP	Solid	1311	
500-270891-18	3055V-165-B02 (0-1)	TCLP	Solid	1311	

Eurofins Chicago

QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Metals (Continued)

Leach Batch: 824870 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-19	3055V-165-B01 (0-2)	TCLP	Solid	1311	
LB 500-824870/1-B	Method Blank	TCLP	Solid	1311	
LB 500-824870/1-C	Method Blank	TCLP	Solid	1311	

Leach Batch: 824871

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-16	3055V-01-B04 (10-15)	SPLP East	Solid	1312	
500-270891-17	3055V-01-B04 (15-20)	SPLP East	Solid	1312	
500-270891-18	3055V-165-B02 (0-1)	SPLP East	Solid	1312	
500-270891-19	3055V-165-B01 (0-2)	SPLP East	Solid	1312	
LB 500-824871/1-C	Method Blank	SPLP East	Solid	1312	

Prep Batch: 824919

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	TCLP	Solid	3010A	824709
500-270891-2	3055V-181-B01 (0-2)	TCLP	Solid	3010A	824709
500-270891-3	3055V-200-B01 (0-2)	TCLP	Solid	3010A	824736
500-270891-4	3055V-200-B02 (0-1)	TCLP	Solid	3010A	824736
500-270891-5	3055V-01-B01 (0-5)	TCLP	Solid	3010A	824736
500-270891-6	3055V-01-B01 (5-10)	TCLP	Solid	3010A	824709
500-270891-7	3055V-01-B01 (10-15)	TCLP	Solid	3010A	824709
500-270891-8	3055V-01-B01 (15-19.5)	TCLP	Solid	3010A	824736
500-270891-9	3055V-01-B02 (0-5)	TCLP	Solid	3010A	824709
500-270891-10	3055V-01-B02 (5-10)	TCLP	Solid	3010A	824736
500-270891-11	3055V-01-B02 (10-15)	TCLP	Solid	3010A	824709
500-270891-12	3055V-01-B02 (10-15)D	TCLP	Solid	3010A	824709
500-270891-13	3055V-01-B02 (15-20)	TCLP	Solid	3010A	824709
500-270891-14	3055V-01-B04 (0-5)	TCLP	Solid	3010A	824709
500-270891-15	3055V-01-B04 (5-10)	TCLP	Solid	3010A	824709
LB 500-824709/1-B	Method Blank	TCLP	Solid	3010A	824709
LB2 500-824736/1-B	Method Blank	TCLP	Solid	3010A	824736
LCS 500-824919/16-A	Lab Control Sample	Total/NA	Solid	3010A	
LCS 500-824919/2-A	Lab Control Sample	Total/NA	Solid	3010A	
500-270891-1 MS	3055V-179-B01 (0-1)	TCLP	Solid	3010A	824709
500-270891-1 DU	3055V-179-B01 (0-1)	TCLP	Solid	3010A	824709

Prep Batch: 824920

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	SPLP East	Solid	3010A	824710
500-270891-2	3055V-181-B01 (0-2)	SPLP East	Solid	3010A	824710
500-270891-3	3055V-200-B01 (0-2)	SPLP East	Solid	3010A	824710
500-270891-4	3055V-200-B02 (0-1)	SPLP East	Solid	3010A	824710
500-270891-5	3055V-01-B01 (0-5)	SPLP East	Solid	3010A	824710
500-270891-6	3055V-01-B01 (5-10)	SPLP East	Solid	3010A	824710
500-270891-7	3055V-01-B01 (10-15)	SPLP East	Solid	3010A	824710
500-270891-8	3055V-01-B01 (15-19.5)	SPLP East	Solid	3010A	824710
500-270891-9	3055V-01-B02 (0-5)	SPLP East	Solid	3010A	824710
500-270891-10	3055V-01-B02 (5-10)	SPLP East	Solid	3010A	824710
500-270891-11	3055V-01-B02 (10-15)	SPLP East	Solid	3010A	824710
500-270891-12	3055V-01-B02 (10-15)D	SPLP East	Solid	3010A	824710
500-270891-13	3055V-01-B02 (15-20)	SPLP East	Solid	3010A	824710

Eurofins Chicago

QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Metals (Continued)

Prep Batch: 824920 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-14	3055V-01-B04 (0-5)	SPLP East	Solid	3010A	824710
500-270891-15	3055V-01-B04 (5-10)	SPLP East	Solid	3010A	824710
LB 500-824710/1-B	Method Blank	SPLP East	Solid	3010A	824710
LCS 500-824920/2-A	Lab Control Sample	Total/NA	Solid	3010A	
500-270891-1 MS	3055V-179-B01 (0-1)	SPLP East	Solid	3010A	824710
500-270891-1 DU	3055V-179-B01 (0-1)	SPLP East	Solid	3010A	824710

Leach Batch: 825006

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-20	3055V-193-B01 (0-2)	TCLP	Solid	1311	
LB 500-825006/1-B	Method Blank	TCLP	Solid	1311	
LB 500-825006/1-C	Method Blank	TCLP	Solid	1311	
500-270891-20 MS	3055V-193-B01 (0-2)	TCLP	Solid	1311	
500-270891-20 DU	3055V-193-B01 (0-2)	TCLP	Solid	1311	

Leach Batch: 825016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-20	3055V-193-B01 (0-2)	SPLP East	Solid	1312	
LB 500-825016/1-B	Method Blank	SPLP East	Solid	1312	
500-270891-20 MS	3055V-193-B01 (0-2)	SPLP East	Solid	1312	
500-270891-20 DU	3055V-193-B01 (0-2)	SPLP East	Solid	1312	

Analysis Batch: 825017

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	Total/NA	Solid	6010D	824432
500-270891-2	3055V-181-B01 (0-2)	Total/NA	Solid	6010D	824432
500-270891-3	3055V-200-B01 (0-2)	Total/NA	Solid	6010D	824432
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	6010D	824432
500-270891-5	3055V-01-B01 (0-5)	Total/NA	Solid	6010D	824432
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	6010D	824432
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	6010D	824432
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	6010D	824432
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	6010D	824432
500-270891-10	3055V-01-B02 (5-10)	Total/NA	Solid	6010D	824432
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	6010D	824432
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	6010D	824432
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	6010D	824432
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	6010D	824432
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	6010D	824432
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	6010D	824432
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	6010D	824432
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	6010D	824432
500-270891-19	3055V-165-B01 (0-2)	Total/NA	Solid	6010D	824432
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	6010D	824432
MB 500-824432/1-A	Method Blank	Total/NA	Solid	6010D	824432
LCS 500-824432/2-A	Lab Control Sample	Total/NA	Solid	6010D	824432
500-270891-1 MS	3055V-179-B01 (0-1)	Total/NA	Solid	6010D	824432
500-270891-1 MSD	3055V-179-B01 (0-1)	Total/NA	Solid	6010D	824432
500-270891-1 DU	3055V-179-B01 (0-1)	Total/NA	Solid	6010D	824432

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QC Association Summary

Client: WSP USA Inc

Job ID: 500-270891-1

Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Metals

Prep Batch: 825055

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	TCLP	Solid	7470A	824709
500-270891-2	3055V-181-B01 (0-2)	TCLP	Solid	7470A	824709
500-270891-3	3055V-200-B01 (0-2)	TCLP	Solid	7470A	824736
500-270891-4	3055V-200-B02 (0-1)	TCLP	Solid	7470A	824736
500-270891-5	3055V-01-B01 (0-5)	TCLP	Solid	7470A	824736
500-270891-6	3055V-01-B01 (5-10)	TCLP	Solid	7470A	824709
500-270891-7	3055V-01-B01 (10-15)	TCLP	Solid	7470A	824709
500-270891-8	3055V-01-B01 (15-19.5)	TCLP	Solid	7470A	824736
500-270891-9	3055V-01-B02 (0-5)	TCLP	Solid	7470A	824709
500-270891-10	3055V-01-B02 (5-10)	TCLP	Solid	7470A	824736
500-270891-11	3055V-01-B02 (10-15)	TCLP	Solid	7470A	824709
500-270891-12	3055V-01-B02 (10-15)D	TCLP	Solid	7470A	824709
500-270891-13	3055V-01-B02 (15-20)	TCLP	Solid	7470A	824709
500-270891-14	3055V-01-B04 (0-5)	TCLP	Solid	7470A	824709
500-270891-15	3055V-01-B04 (5-10)	TCLP	Solid	7470A	824709
LB 500-824709/1-C	Method Blank	TCLP	Solid	7470A	824709
LB2 500-824736/1-C	Method Blank	TCLP	Solid	7470A	824736
MB 500-825055/12-A	Method Blank	Total/NA	Solid	7470A	
LCS 500-825055/14-A	Lab Control Sample	Total/NA	Solid	7470A	
LCS 500-825055/30-A	Lab Control Sample	Total/NA	Solid	7470A	
500-270891-1 MS	3055V-179-B01 (0-1)	TCLP	Solid	7470A	824709
500-270891-1 DU	3055V-179-B01 (0-1)	TCLP	Solid	7470A	824709

Prep Batch: 825103

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-16	3055V-01-B04 (10-15)	TCLP	Solid	3010A	824870
500-270891-17	3055V-01-B04 (15-20)	TCLP	Solid	3010A	824870
500-270891-18	3055V-165-B02 (0-1)	TCLP	Solid	3010A	824870
500-270891-19	3055V-165-B01 (0-2)	TCLP	Solid	3010A	824870
LB 500-824870/1-B	Method Blank	TCLP	Solid	3010A	824870
LCS 500-825103/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Analysis Batch: 825222

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	SPLP East	Solid	6010D	824920
500-270891-1	3055V-179-B01 (0-1)	TCLP	Solid	6010D	824919
500-270891-2	3055V-181-B01 (0-2)	SPLP East	Solid	6010D	824920
500-270891-2	3055V-181-B01 (0-2)	TCLP	Solid	6010D	824919
500-270891-3	3055V-200-B01 (0-2)	SPLP East	Solid	6010D	824920
500-270891-3	3055V-200-B01 (0-2)	TCLP	Solid	6010D	824919
500-270891-4	3055V-200-B02 (0-1)	SPLP East	Solid	6010D	824920
500-270891-4	3055V-200-B02 (0-1)	TCLP	Solid	6010D	824919
500-270891-5	3055V-01-B01 (0-5)	SPLP East	Solid	6010D	824920
500-270891-5	3055V-01-B01 (0-5)	TCLP	Solid	6010D	824919
500-270891-6	3055V-01-B01 (5-10)	SPLP East	Solid	6010D	824920
500-270891-6	3055V-01-B01 (5-10)	TCLP	Solid	6010D	824919
500-270891-7	3055V-01-B01 (10-15)	SPLP East	Solid	6010D	824920
500-270891-7	3055V-01-B01 (10-15)	TCLP	Solid	6010D	824919
500-270891-8	3055V-01-B01 (15-19.5)	SPLP East	Solid	6010D	824920
500-270891-8	3055V-01-B01 (15-19.5)	TCLP	Solid	6010D	824919
500-270891-9	3055V-01-B02 (0-5)	SPLP East	Solid	6010D	824920

Eurofins Chicago

QC Association Summary

Client: WSP USA Inc

Job ID: 500-270891-1

Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Metals (Continued)

Analysis Batch: 825222 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-9	3055V-01-B02 (0-5)	TCLP	Solid	6010D	824919
500-270891-10	3055V-01-B02 (5-10)	SPLP East	Solid	6010D	824920
500-270891-10	3055V-01-B02 (5-10)	TCLP	Solid	6010D	824919
500-270891-11	3055V-01-B02 (10-15)	SPLP East	Solid	6010D	824920
500-270891-11	3055V-01-B02 (10-15)	TCLP	Solid	6010D	824919
500-270891-12	3055V-01-B02 (10-15)D	SPLP East	Solid	6010D	824920
500-270891-12	3055V-01-B02 (10-15)D	TCLP	Solid	6010D	824919
500-270891-13	3055V-01-B02 (15-20)	SPLP East	Solid	6010D	824920
500-270891-13	3055V-01-B02 (15-20)	TCLP	Solid	6010D	824919
500-270891-14	3055V-01-B04 (0-5)	SPLP East	Solid	6010D	824920
500-270891-14	3055V-01-B04 (0-5)	TCLP	Solid	6010D	824919
500-270891-15	3055V-01-B04 (5-10)	SPLP East	Solid	6010D	824920
500-270891-15	3055V-01-B04 (5-10)	TCLP	Solid	6010D	824919
LB 500-824709/1-B	Method Blank	TCLP	Solid	6010D	824919
LB 500-824710/1-B	Method Blank	SPLP East	Solid	6010D	824920
LB2 500-824736/1-B	Method Blank	TCLP	Solid	6010D	824919
LCS 500-824919/16-A	Lab Control Sample	Total/NA	Solid	6010D	824919
LCS 500-824919/2-A	Lab Control Sample	Total/NA	Solid	6010D	824919
LCS 500-824920/2-A	Lab Control Sample	Total/NA	Solid	6010D	824920
500-270891-1 MS	3055V-179-B01 (0-1)	SPLP East	Solid	6010D	824920
500-270891-1 MS	3055V-179-B01 (0-1)	TCLP	Solid	6010D	824919
500-270891-1 DU	3055V-179-B01 (0-1)	SPLP East	Solid	6010D	824920
500-270891-1 DU	3055V-179-B01 (0-1)	TCLP	Solid	6010D	824919

Analysis Batch: 825242

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	6010D	824432
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	6010D	824432
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	6010D	824432
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	6010D	824432
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	6010D	824432
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	6010D	824432
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	6010D	824432
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	6010D	824432
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	6010D	824432
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	6010D	824432
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	6010D	824432
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	6010D	824432
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	6010D	824432
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	6010D	824432
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	6010D	824432
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	6010D	824432

Analysis Batch: 825265

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	TCLP	Solid	7470A	825055
500-270891-2	3055V-181-B01 (0-2)	TCLP	Solid	7470A	825055
500-270891-3	3055V-200-B01 (0-2)	TCLP	Solid	7470A	825055
500-270891-4	3055V-200-B02 (0-1)	TCLP	Solid	7470A	825055
500-270891-5	3055V-01-B01 (0-5)	TCLP	Solid	7470A	825055
500-270891-6	3055V-01-B01 (5-10)	TCLP	Solid	7470A	825055

Eurofins Chicago

QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Metals (Continued)

Analysis Batch: 825265 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-7	3055V-01-B01 (10-15)	TCLP	Solid	7470A	825055
500-270891-8	3055V-01-B01 (15-19.5)	TCLP	Solid	7470A	825055
500-270891-9	3055V-01-B02 (0-5)	TCLP	Solid	7470A	825055
500-270891-10	3055V-01-B02 (5-10)	TCLP	Solid	7470A	825055
500-270891-11	3055V-01-B02 (10-15)	TCLP	Solid	7470A	825055
500-270891-12	3055V-01-B02 (10-15)D	TCLP	Solid	7470A	825055
500-270891-13	3055V-01-B02 (15-20)	TCLP	Solid	7470A	825055
500-270891-14	3055V-01-B04 (0-5)	TCLP	Solid	7470A	825055
500-270891-15	3055V-01-B04 (5-10)	TCLP	Solid	7470A	825055
LB 500-824709/1-C	Method Blank	TCLP	Solid	7470A	825055
LB2 500-824736/1-C	Method Blank	TCLP	Solid	7470A	825055
MB 500-825055/12-A	Method Blank	Total/NA	Solid	7470A	825055
LCS 500-825055/14-A	Lab Control Sample	Total/NA	Solid	7470A	825055
LCS 500-825055/30-A	Lab Control Sample	Total/NA	Solid	7470A	825055
500-270891-1 MS	3055V-179-B01 (0-1)	TCLP	Solid	7470A	825055
500-270891-1 DU	3055V-179-B01 (0-1)	TCLP	Solid	7470A	825055

Prep Batch: 825271

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-16	3055V-01-B04 (10-15)	TCLP	Solid	7470A	824870
500-270891-17	3055V-01-B04 (15-20)	TCLP	Solid	7470A	824870
500-270891-18	3055V-165-B02 (0-1)	TCLP	Solid	7470A	824870
500-270891-19	3055V-165-B01 (0-2)	TCLP	Solid	7470A	824870
LB 500-824870/1-C	Method Blank	TCLP	Solid	7470A	824870
MB 500-825271/12-A	Method Blank	Total/NA	Solid	7470A	
LCS 500-825271/14-A	Lab Control Sample	Total/NA	Solid	7470A	

Prep Batch: 825298

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-20	3055V-193-B01 (0-2)	TCLP	Solid	3010A	825006
LB 500-825006/1-B	Method Blank	TCLP	Solid	3010A	825006
LCS 500-825298/2-A	Lab Control Sample	Total/NA	Solid	3010A	
500-270891-20 MS	3055V-193-B01 (0-2)	TCLP	Solid	3010A	825006
500-270891-20 DU	3055V-193-B01 (0-2)	TCLP	Solid	3010A	825006

Prep Batch: 825300

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-16	3055V-01-B04 (10-15)	SPLP East	Solid	3010A	824871
500-270891-17	3055V-01-B04 (15-20)	SPLP East	Solid	3010A	824871
500-270891-18	3055V-165-B02 (0-1)	SPLP East	Solid	3010A	824871
500-270891-19	3055V-165-B01 (0-2)	SPLP East	Solid	3010A	824871
LB 500-824871/1-C	Method Blank	SPLP East	Solid	3010A	824871
LCS 500-825300/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Prep Batch: 825301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	Total/NA	Solid	7471B	
500-270891-2	3055V-181-B01 (0-2)	Total/NA	Solid	7471B	
500-270891-3	3055V-200-B01 (0-2)	Total/NA	Solid	7471B	
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	7471B	
500-270891-5	3055V-01-B01 (0-5)	Total/NA	Solid	7471B	

Eurofins Chicago

QC Association Summary

Client: WSP USA Inc

Job ID: 500-270891-1

Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Metals (Continued)

Prep Batch: 825301 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	7471B	
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	7471B	
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	7471B	
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	7471B	
500-270891-10	3055V-01-B02 (5-10)	Total/NA	Solid	7471B	
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	7471B	
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	7471B	
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	7471B	
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	7471B	
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	7471B	
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	7471B	
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	7471B	
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	7471B	
500-270891-19	3055V-165-B01 (0-2)	Total/NA	Solid	7471B	
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	7471B	
MB 500-825301/12-A	Method Blank	Total/NA	Solid	7471B	
LCS 500-825301/13-A	Lab Control Sample	Total/NA	Solid	7471B	
500-270891-11 MS	3055V-01-B02 (10-15)	Total/NA	Solid	7471B	
500-270891-11 MSD	3055V-01-B02 (10-15)	Total/NA	Solid	7471B	
500-270891-11 DU	3055V-01-B02 (10-15)	Total/NA	Solid	7471B	

Prep Batch: 825322

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-20	3055V-193-B01 (0-2)	SPLP East	Solid	3010A	825016
LB 500-825016/1-B	Method Blank	SPLP East	Solid	3010A	825016
LCS 500-825322/2-A	Lab Control Sample	Total/NA	Solid	3010A	
500-270891-20 MS	3055V-193-B01 (0-2)	SPLP East	Solid	3010A	825016
500-270891-20 DU	3055V-193-B01 (0-2)	SPLP East	Solid	3010A	825016

Analysis Batch: 825353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-16	3055V-01-B04 (10-15)	TCLP	Solid	6010D	825103
500-270891-17	3055V-01-B04 (15-20)	TCLP	Solid	6010D	825103
500-270891-18	3055V-165-B02 (0-1)	TCLP	Solid	6010D	825103
500-270891-19	3055V-165-B01 (0-2)	TCLP	Solid	6010D	825103
LB 500-824870/1-B	Method Blank	TCLP	Solid	6010D	825103
LCS 500-825103/2-A	Lab Control Sample	Total/NA	Solid	6010D	825103

Analysis Batch: 825354

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	TCLP	Solid	6010D	824919
500-270891-2	3055V-181-B01 (0-2)	TCLP	Solid	6010D	824919
500-270891-6	3055V-01-B01 (5-10)	TCLP	Solid	6010D	824919
500-270891-7	3055V-01-B01 (10-15)	TCLP	Solid	6010D	824919
500-270891-9	3055V-01-B02 (0-5)	TCLP	Solid	6010D	824919
500-270891-11	3055V-01-B02 (10-15)	TCLP	Solid	6010D	824919
500-270891-12	3055V-01-B02 (10-15)D	TCLP	Solid	6010D	824919
500-270891-13	3055V-01-B02 (15-20)	TCLP	Solid	6010D	824919
500-270891-14	3055V-01-B04 (0-5)	TCLP	Solid	6010D	824919
500-270891-15	3055V-01-B04 (5-10)	TCLP	Solid	6010D	824919
LB 500-824709/1-B	Method Blank	TCLP	Solid	6010D	824919

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Metals (Continued)

Analysis Batch: 825354 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-824919/2-A	Lab Control Sample	Total/NA	Solid	6010D	824919
500-270891-1 MS	3055V-179-B01 (0-1)	TCLP	Solid	6010D	824919
500-270891-1 DU	3055V-179-B01 (0-1)	TCLP	Solid	6010D	824919

Analysis Batch: 825416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-3	3055V-200-B01 (0-2)	TCLP	Solid	6010D	824919
500-270891-8	3055V-01-B01 (15-19.5)	TCLP	Solid	6010D	824919
500-270891-10	3055V-01-B02 (5-10)	TCLP	Solid	6010D	824919

Analysis Batch: 825455

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-16	3055V-01-B04 (10-15)	TCLP	Solid	7470A	825271
500-270891-17	3055V-01-B04 (15-20)	TCLP	Solid	7470A	825271
500-270891-18	3055V-165-B02 (0-1)	TCLP	Solid	7470A	825271
500-270891-19	3055V-165-B01 (0-2)	TCLP	Solid	7470A	825271
LB 500-824870/1-C	Method Blank	TCLP	Solid	7470A	825271
MB 500-825271/12-A	Method Blank	Total/NA	Solid	7470A	825271
LCS 500-825271/14-A	Lab Control Sample	Total/NA	Solid	7470A	825271

Analysis Batch: 825473

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	Total/NA	Solid	7471B	825301
500-270891-2	3055V-181-B01 (0-2)	Total/NA	Solid	7471B	825301
500-270891-3	3055V-200-B01 (0-2)	Total/NA	Solid	7471B	825301
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	7471B	825301
500-270891-5	3055V-01-B01 (0-5)	Total/NA	Solid	7471B	825301
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	7471B	825301
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	7471B	825301
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	7471B	825301
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	7471B	825301
500-270891-10	3055V-01-B02 (5-10)	Total/NA	Solid	7471B	825301
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	7471B	825301
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	7471B	825301
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	7471B	825301
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	7471B	825301
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	7471B	825301
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	7471B	825301
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	7471B	825301
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	7471B	825301
500-270891-19	3055V-165-B01 (0-2)	Total/NA	Solid	7471B	825301
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	7471B	825301
MB 500-825301/12-A	Method Blank	Total/NA	Solid	7471B	825301
LCS 500-825301/13-A	Lab Control Sample	Total/NA	Solid	7471B	825301
500-270891-11 MS	3055V-01-B02 (10-15)	Total/NA	Solid	7471B	825301
500-270891-11 MSD	3055V-01-B02 (10-15)	Total/NA	Solid	7471B	825301
500-270891-11 DU	3055V-01-B02 (10-15)	Total/NA	Solid	7471B	825301

Analysis Batch: 825582

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-16	3055V-01-B04 (10-15)	SPLP East	Solid	6010D	825300

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QC Association Summary

Client: WSP USA Inc

Job ID: 500-270891-1

Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Metals (Continued)

Analysis Batch: 825582 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-17	3055V-01-B04 (15-20)	SPLP East	Solid	6010D	825300
500-270891-18	3055V-165-B02 (0-1)	SPLP East	Solid	6010D	825300
500-270891-19	3055V-165-B01 (0-2)	SPLP East	Solid	6010D	825300
500-270891-20	3055V-193-B01 (0-2)	SPLP East	Solid	6010D	825322
LB 500-824871/1-C	Method Blank	SPLP East	Solid	6010D	825300
LB 500-825016/1-B	Method Blank	SPLP East	Solid	6010D	825322
LCS 500-825300/2-A	Lab Control Sample	Total/NA	Solid	6010D	825300
LCS 500-825322/2-A	Lab Control Sample	Total/NA	Solid	6010D	825322
500-270891-20 MS	3055V-193-B01 (0-2)	SPLP East	Solid	6010D	825322
500-270891-20 DU	3055V-193-B01 (0-2)	SPLP East	Solid	6010D	825322

Analysis Batch: 825584

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-16	3055V-01-B04 (10-15)	TCLP	Solid	6010D	825103
500-270891-17	3055V-01-B04 (15-20)	TCLP	Solid	6010D	825103
500-270891-18	3055V-165-B02 (0-1)	TCLP	Solid	6010D	825103
500-270891-19	3055V-165-B01 (0-2)	TCLP	Solid	6010D	825103
500-270891-20	3055V-193-B01 (0-2)	TCLP	Solid	6010D	825298
LB 500-825006/1-B	Method Blank	TCLP	Solid	6010D	825298
LCS 500-825298/2-A	Lab Control Sample	Total/NA	Solid	6010D	825298
500-270891-20 MS	3055V-193-B01 (0-2)	TCLP	Solid	6010D	825298
500-270891-20 DU	3055V-193-B01 (0-2)	TCLP	Solid	6010D	825298

Prep Batch: 825664

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-20	3055V-193-B01 (0-2)	TCLP	Solid	7470A	825006
LB 500-825006/1-C	Method Blank	TCLP	Solid	7470A	825006
MB 500-825664/12-A	Method Blank	Total/NA	Solid	7470A	
LCS 500-825664/14-A	Lab Control Sample	Total/NA	Solid	7470A	
500-270891-20 MS	3055V-193-B01 (0-2)	TCLP	Solid	7470A	825006
500-270891-20 DU	3055V-193-B01 (0-2)	TCLP	Solid	7470A	825006

Analysis Batch: 825793

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	TCLP	Solid	6020B	824919
500-270891-2	3055V-181-B01 (0-2)	TCLP	Solid	6020B	824919
500-270891-3	3055V-200-B01 (0-2)	TCLP	Solid	6020B	824919
500-270891-4	3055V-200-B02 (0-1)	TCLP	Solid	6020B	824919
500-270891-5	3055V-01-B01 (0-5)	TCLP	Solid	6020B	824919
500-270891-6	3055V-01-B01 (5-10)	TCLP	Solid	6020B	824919
500-270891-7	3055V-01-B01 (10-15)	TCLP	Solid	6020B	824919
500-270891-8	3055V-01-B01 (15-19.5)	TCLP	Solid	6020B	824919
500-270891-9	3055V-01-B02 (0-5)	TCLP	Solid	6020B	824919
500-270891-10	3055V-01-B02 (5-10)	TCLP	Solid	6020B	824919
500-270891-11	3055V-01-B02 (10-15)	TCLP	Solid	6020B	824919
500-270891-12	3055V-01-B02 (10-15)D	TCLP	Solid	6020B	824919
500-270891-13	3055V-01-B02 (15-20)	TCLP	Solid	6020B	824919
500-270891-14	3055V-01-B04 (0-5)	TCLP	Solid	6020B	824919
500-270891-15	3055V-01-B04 (5-10)	TCLP	Solid	6020B	824919
500-270891-16	3055V-01-B04 (10-15)	TCLP	Solid	6020B	825103
500-270891-17	3055V-01-B04 (15-20)	TCLP	Solid	6020B	825103

Eurofins Chicago

QC Association Summary

Client: WSP USA Inc

Job ID: 500-270891-1

Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Metals (Continued)

Analysis Batch: 825793 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-18	3055V-165-B02 (0-1)	TCLP	Solid	6020B	825103
500-270891-19	3055V-165-B01 (0-2)	TCLP	Solid	6020B	825103
500-270891-20	3055V-193-B01 (0-2)	TCLP	Solid	6020B	825298
LB 500-824709/1-B	Method Blank	TCLP	Solid	6020B	824919
LB 500-824870/1-B	Method Blank	TCLP	Solid	6020B	825103
LB 500-825006/1-B	Method Blank	TCLP	Solid	6020B	825298
LB2 500-824736/1-B	Method Blank	TCLP	Solid	6020B	824919
LCS 500-824919/16-A	Lab Control Sample	Total/NA	Solid	6020B	824919
LCS 500-824919/2-A	Lab Control Sample	Total/NA	Solid	6020B	824919
LCS 500-825103/2-A	Lab Control Sample	Total/NA	Solid	6020B	825103
LCS 500-825298/2-A	Lab Control Sample	Total/NA	Solid	6020B	825298
500-270891-1 MS	3055V-179-B01 (0-1)	TCLP	Solid	6020B	824919
500-270891-20 MS	3055V-193-B01 (0-2)	TCLP	Solid	6020B	825298
500-270891-1 DU	3055V-179-B01 (0-1)	TCLP	Solid	6020B	824919
500-270891-20 DU	3055V-193-B01 (0-2)	TCLP	Solid	6020B	825298

Analysis Batch: 825794

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-20	3055V-193-B01 (0-2)	TCLP	Solid	6010D	825298
500-270891-20 MS	3055V-193-B01 (0-2)	TCLP	Solid	6010D	825298
500-270891-20 DU	3055V-193-B01 (0-2)	TCLP	Solid	6010D	825298

Analysis Batch: 825842

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-20	3055V-193-B01 (0-2)	TCLP	Solid	7470A	825664
LB 500-825006/1-C	Method Blank	TCLP	Solid	7470A	825664
MB 500-825664/12-A	Method Blank	Total/NA	Solid	7470A	825664
LCS 500-825664/14-A	Lab Control Sample	Total/NA	Solid	7470A	825664
500-270891-20 MS	3055V-193-B01 (0-2)	TCLP	Solid	7470A	825664
500-270891-20 DU	3055V-193-B01 (0-2)	TCLP	Solid	7470A	825664

General Chemistry

Analysis Batch: 824244

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	Total/NA	Solid	Moisture	
500-270891-2	3055V-181-B01 (0-2)	Total/NA	Solid	Moisture	
500-270891-3	3055V-200-B01 (0-2)	Total/NA	Solid	Moisture	
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	Moisture	
500-270891-5	3055V-01-B01 (0-5)	Total/NA	Solid	Moisture	
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	Moisture	
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	Moisture	
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	Moisture	
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	Moisture	
500-270891-10	3055V-01-B02 (5-10)	Total/NA	Solid	Moisture	
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	Moisture	
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	Moisture	
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	Moisture	
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	Moisture	
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	Moisture	
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	Moisture	

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

General Chemistry (Continued)

Analysis Batch: 824244 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	Moisture	
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	Moisture	
500-270891-19	3055V-165-B01 (0-2)	Total/NA	Solid	Moisture	
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	Moisture	
500-270891-1 DU	3055V-179-B01 (0-1)	Total/NA	Solid	Moisture	

Analysis Batch: 824296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	Total/NA	Solid	9045D	
500-270891-2	3055V-181-B01 (0-2)	Total/NA	Solid	9045D	
500-270891-3	3055V-200-B01 (0-2)	Total/NA	Solid	9045D	
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	9045D	
500-270891-5	3055V-01-B01 (0-5)	Total/NA	Solid	9045D	
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	9045D	
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	9045D	
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	9045D	
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	9045D	
500-270891-10	3055V-01-B02 (5-10)	Total/NA	Solid	9045D	
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	9045D	
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	9045D	
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	9045D	
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	9045D	
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	9045D	
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	9045D	
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	9045D	
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	9045D	
500-270891-19	3055V-165-B01 (0-2)	Total/NA	Solid	9045D	
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	9045D	
LCS 500-824296/2	Lab Control Sample	Total/NA	Solid	9045D	
LCSD 500-824296/3	Lab Control Sample Dup	Total/NA	Solid	9045D	
500-270891-10 DU	3055V-01-B02 (5-10)	Total/NA	Solid	9045D	

Prep Batch: 824575

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	Total/NA	Solid	9010C	
500-270891-2	3055V-181-B01 (0-2)	Total/NA	Solid	9010C	
500-270891-3	3055V-200-B01 (0-2)	Total/NA	Solid	9010C	
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	9010C	
500-270891-5	3055V-01-B01 (0-5)	Total/NA	Solid	9010C	
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	9010C	
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	9010C	
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	9010C	
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	9010C	
500-270891-10	3055V-01-B02 (5-10)	Total/NA	Solid	9010C	
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	9010C	
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	9010C	
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	9010C	
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	9010C	
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	9010C	
MB 500-824575/1-A	Method Blank	Total/NA	Solid	9010C	
LCS 500-824575/2-A	Lab Control Sample	Total/NA	Solid	9010C	

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

General Chemistry (Continued)

Prep Batch: 824575 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-5 MS	3055V-01-B01 (0-5)	Total/NA	Solid	9010C	
500-270891-5 MSD	3055V-01-B01 (0-5)	Total/NA	Solid	9010C	
500-270891-12 MS	3055V-01-B02 (10-15)D	Total/NA	Solid	9010C	
500-270891-12 MSD	3055V-01-B02 (10-15)D	Total/NA	Solid	9010C	

Prep Batch: 824706

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	9010C	
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	9010C	
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	9010C	
500-270891-19	3055V-165-B01 (0-2)	Total/NA	Solid	9010C	
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	9010C	
MB 500-824706/1-A	Method Blank	Total/NA	Solid	9010C	
LCS 500-824706/2-A	Lab Control Sample	Total/NA	Solid	9010C	

Analysis Batch: 824731

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	Total/NA	Solid	9012B	824575
500-270891-2	3055V-181-B01 (0-2)	Total/NA	Solid	9012B	824575
500-270891-3	3055V-200-B01 (0-2)	Total/NA	Solid	9012B	824575
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	9012B	824575
500-270891-5	3055V-01-B01 (0-5)	Total/NA	Solid	9012B	824575
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	9012B	824575
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	9012B	824575
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	9012B	824575
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	9012B	824575
500-270891-10	3055V-01-B02 (5-10)	Total/NA	Solid	9012B	824575
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	9012B	824575
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	9012B	824575
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	9012B	824575
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	9012B	824575
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	9012B	824575
MB 500-824575/1-A	Method Blank	Total/NA	Solid	9012B	824575
LCS 500-824575/2-A	Lab Control Sample	Total/NA	Solid	9012B	824575
500-270891-5 MS	3055V-01-B01 (0-5)	Total/NA	Solid	9012B	824575
500-270891-5 MSD	3055V-01-B01 (0-5)	Total/NA	Solid	9012B	824575
500-270891-12 MS	3055V-01-B02 (10-15)D	Total/NA	Solid	9012B	824575
500-270891-12 MSD	3055V-01-B02 (10-15)D	Total/NA	Solid	9012B	824575

Analysis Batch: 824754

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	9012B	824706
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	9012B	824706
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	9012B	824706
500-270891-19	3055V-165-B01 (0-2)	Total/NA	Solid	9012B	824706
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	9012B	824706
MB 500-824706/1-A	Method Blank	Total/NA	Solid	9012B	824706
LCS 500-824706/2-A	Lab Control Sample	Total/NA	Solid	9012B	824706

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Surrogate Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (75-131)	DBFM (75-126)	DCA (70-134)	TOL (75-124)
500-270891-1	3055V-179-B01 (0-1)	113	99	96	105
500-270891-2	3055V-181-B01 (0-2)	112	96	99	103
500-270891-3	3055V-200-B01 (0-2)	113	97	97	104
500-270891-4	3055V-200-B02 (0-1)	115	98	97	105
500-270891-5	3055V-01-B01 (0-5)	112	100	101	101
500-270891-6	3055V-01-B01 (5-10)	103	101	99	103
500-270891-7	3055V-01-B01 (10-15)	103	103	100	106
500-270891-8	3055V-01-B01 (15-19.5)	103	105	95	107
500-270891-9	3055V-01-B02 (0-5)	104	101	98	104
500-270891-10	3055V-01-B02 (5-10)	105	102	98	105
500-270891-11	3055V-01-B02 (10-15)	99	102	99	107
500-270891-12	3055V-01-B02 (10-15)D	103	103	99	107
500-270891-13	3055V-01-B02 (15-20)	106	102	98	111
500-270891-14	3055V-01-B04 (0-5)	97	103	101	101
500-270891-15	3055V-01-B04 (5-10)	100	104	105	100
500-270891-16	3055V-01-B04 (10-15)	101	105	101	105
500-270891-17	3055V-01-B04 (15-20)	110	105	100	110
500-270891-18	3055V-165-B02 (0-1)	99	102	100	102
500-270891-19	3055V-165-B01 (0-2)	98	103	103	100
500-270891-20	3055V-193-B01 (0-2)	108	103	105	105
LCS 500-824184/4	Lab Control Sample	112	92	86	105
LCS 500-824263/5	Lab Control Sample	99	103	96	103
LCSD 500-824184/5	Lab Control Sample Dup	111	96	88	105
LCSD 500-824263/8	Lab Control Sample Dup	99	101	96	103
MB 500-824184/7	Method Blank	112	91	90	106
MB 500-824263/7	Method Blank	99	101	95	99

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		2FP (31-166)	PHL (30-153)	NBZ (37-147)	FBP (43-145)	TBP (31-143)	TPHL (42-157)
500-270891-1	3055V-179-B01 (0-1)	78	80	84	85	75	96
500-270891-2	3055V-181-B01 (0-2)	66	72	75	77	48	88
500-270891-3	3055V-200-B01 (0-2)	84	83	88	89	71	98
500-270891-4	3055V-200-B02 (0-1)	78	80	84	84	77	94
500-270891-5	3055V-01-B01 (0-5)	82	79	89	88	71	97
500-270891-6	3055V-01-B01 (5-10)	80	79	87	85	66	92
500-270891-7	3055V-01-B01 (10-15)	82	81	88	89	53	93
500-270891-8	3055V-01-B01 (15-19.5)	70	71	75	86	36	94
500-270891-9	3055V-01-B02 (0-5)	54	53	50	63	72	69
500-270891-10	3055V-01-B02 (5-10)	79	79	83	80	66	82
500-270891-11	3055V-01-B02 (10-15)	62	66	62	74	51	92

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Surrogate Summary

Client: WSP USA Inc

Job ID: 500-270891-1

Project/Site: IDOT - 196-002-WO55A I-290 Central Park

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		2FP (31-166)	PHL (30-153)	NBZ (37-147)	FBP (43-145)	TBP (31-143)	TPHL (42-157)
500-270891-12	3055V-01-B02 (10-15)D	62	65	66	72	48	92
500-270891-13	3055V-01-B02 (15-20)	63	68	68	71	44	89
500-270891-14	3055V-01-B04 (0-5)	61	60	65	62	62	73
500-270891-15	3055V-01-B04 (5-10)	68	70	77	81	46	91
500-270891-16	3055V-01-B04 (10-15)	64	67	69	73	54	85
500-270891-17	3055V-01-B04 (15-20)	73	75	81	83	48	97
500-270891-18	3055V-165-B02 (0-1)	71	78	81	85	77	98
500-270891-19	3055V-165-B01 (0-2)	76	74	79	75	68	79
500-270891-20	3055V-193-B01 (0-2)	77	73	85	85	60	93
500-270891-20 MS	3055V-193-B01 (0-2)	71	71	77	79	68	89
500-270891-20 MSD	3055V-193-B01 (0-2)	80	79	87	87	70	94
LCS 500-824387/2-A	Lab Control Sample	75	77	80	78	75	82
LCS 500-824905/2-A	Lab Control Sample	79	80	85	83	81	90
MB 500-824387/1-A	Method Blank	49	50	54	50	47	54
MB 500-824905/1-A	Method Blank	81	82	89	86	82	91

Surrogate Legend

2FP = 2-Fluorophenol (Surr)

PHL = Phenol-d5 (Surr)

NBZ = Nitrobenzene-d5 (Surr)

FBP = 2-Fluorobiphenyl (Surr)

TBP = 2,4,6-Tribromophenol (Surr)

TPHL = Terphenyl-d14 (Surr)

QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: MB 500-824184/7

Matrix: Solid

Analysis Batch: 824184

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.020		0.020	0.0084	mg/Kg			07/02/25 11:30	1
Benzene	<0.0020		0.0020	0.00063	mg/Kg			07/02/25 11:30	1
Bromodichloromethane	<0.0020		0.0020	0.00064	mg/Kg			07/02/25 11:30	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg			07/02/25 11:30	1
Bromomethane	<0.0050		0.0050	0.0025	mg/Kg			07/02/25 11:30	1
2-Butanone (MEK)	<0.0050		0.0050	0.0022	mg/Kg			07/02/25 11:30	1
Carbon disulfide	<0.0050		0.0050	0.00092	mg/Kg			07/02/25 11:30	1
Carbon tetrachloride	<0.0020		0.0020	0.00068	mg/Kg			07/02/25 11:30	1
Chlorobenzene	<0.0020		0.0020	0.00084	mg/Kg			07/02/25 11:30	1
Chloroethane	<0.0050		0.0050	0.0016	mg/Kg			07/02/25 11:30	1
Chloroform	<0.0020		0.0020	0.0014	mg/Kg			07/02/25 11:30	1
Chloromethane	<0.0050		0.0050	0.00097	mg/Kg			07/02/25 11:30	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00081	mg/Kg			07/02/25 11:30	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00080	mg/Kg			07/02/25 11:30	1
Dibromochloromethane	<0.0020		0.0020	0.00093	mg/Kg			07/02/25 11:30	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	3.5	ug/Kg			07/02/25 11:30	1
1,1-Dichloroethane	<0.0020		0.0020	0.00075	mg/Kg			07/02/25 11:30	1
1,2-Dichloroethane	<0.0050		0.0050	0.0013	mg/Kg			07/02/25 11:30	1
1,1-Dichloroethene	<0.0020		0.0020	0.00082	mg/Kg			07/02/25 11:30	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg			07/02/25 11:30	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00096	mg/Kg			07/02/25 11:30	1
Ethylbenzene	<0.0020		0.0020	0.0011	mg/Kg			07/02/25 11:30	1
2-Hexanone	<0.0050		0.0050	0.0030	mg/Kg			07/02/25 11:30	1
Methylene Chloride	<0.0050		0.0050	0.0021	mg/Kg			07/02/25 11:30	1
4-Methyl-2-pentanone (MIBK)	<0.0050		0.0050	0.0036	mg/Kg			07/02/25 11:30	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00065	mg/Kg			07/02/25 11:30	1
Styrene	<0.0020		0.0020	0.00090	mg/Kg			07/02/25 11:30	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00099	mg/Kg			07/02/25 11:30	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg			07/02/25 11:30	1
Toluene	<0.0020		0.0020	0.00040	mg/Kg			07/02/25 11:30	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00076	mg/Kg			07/02/25 11:30	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00096	mg/Kg			07/02/25 11:30	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00081	mg/Kg			07/02/25 11:30	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00075	mg/Kg			07/02/25 11:30	1
Trichloroethene	<0.0020		0.0020	0.00054	mg/Kg			07/02/25 11:30	1
Vinyl acetate	<0.0050		0.0050	0.0012	mg/Kg			07/02/25 11:30	1
Vinyl chloride	<0.0020		0.0020	0.00082	mg/Kg			07/02/25 11:30	1
Xylenes, Total	<0.0040		0.0040	0.00069	mg/Kg			07/02/25 11:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		75 - 131		07/02/25 11:30	1
Dibromofluoromethane	91		75 - 126		07/02/25 11:30	1
1,2-Dichloroethane-d4 (Surr)	90		70 - 134		07/02/25 11:30	1
Toluene-d8 (Surr)	106		75 - 124		07/02/25 11:30	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: LCS 500-824184/4

Matrix: Solid

Analysis Batch: 824184

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	0.0500	0.0338		mg/Kg		68	40 - 150
Benzene	0.0500	0.0530		mg/Kg		106	70 - 125
Bromodichloromethane	0.0500	0.0478		mg/Kg		96	67 - 129
Bromoform	0.0500	0.0408		mg/Kg		82	68 - 136
Bromomethane	0.0500	0.0500		mg/Kg		100	70 - 130
2-Butanone (MEK)	0.0500	0.0353		mg/Kg		71	47 - 138
Carbon disulfide	0.0500	0.0499		mg/Kg		100	70 - 129
Carbon tetrachloride	0.0500	0.0495		mg/Kg		99	75 - 125
Chlorobenzene	0.0500	0.0518		mg/Kg		104	50 - 150
Chloroethane	0.0500	0.0488		mg/Kg		98	75 - 125
Chloroform	0.0500	0.0487		mg/Kg		97	57 - 135
Chloromethane	0.0500	0.0436		mg/Kg		87	70 - 125
cis-1,2-Dichloroethene	0.0500	0.0530		mg/Kg		106	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0504		mg/Kg		101	70 - 125
Dibromochloromethane	0.0500	0.0457		mg/Kg		91	69 - 125
1,2-Dibromo-3-Chloropropane	50.0	47.4		ug/Kg		95	60 - 136
1,1-Dichloroethane	0.0500	0.0494		mg/Kg		99	70 - 125
1,2-Dichloroethane	0.0500	0.0450		mg/Kg		90	70 - 130
1,1-Dichloroethene	0.0500	0.0492		mg/Kg		98	70 - 120
1,2-Dichloropropane	0.0500	0.0491		mg/Kg		98	70 - 125
Ethylbenzene	0.0500	0.0509		mg/Kg		102	61 - 136
2-Hexanone	0.0500	0.0323		mg/Kg		65	48 - 146
Methylene Chloride	0.0500	0.0513		mg/Kg		103	70 - 126
4-Methyl-2-pentanone (MIBK)	0.0500	0.0338		mg/Kg		68	50 - 148
Methyl tert-butyl ether	0.0500	0.0515		mg/Kg		103	50 - 140
Styrene	0.0500	0.0493		mg/Kg		99	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0495		mg/Kg		99	70 - 122
Tetrachloroethene	0.0500	0.0490		mg/Kg		98	70 - 124
Toluene	0.0500	0.0520		mg/Kg		104	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0551		mg/Kg		110	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0484		mg/Kg		97	70 - 125
1,1,1-Trichloroethane	0.0500	0.0497		mg/Kg		99	70 - 128
1,1,2-Trichloroethane	0.0500	0.0493		mg/Kg		99	70 - 125
Trichloroethene	0.0500	0.0526		mg/Kg		105	70 - 125
Vinyl acetate	0.0500	0.0361		mg/Kg		72	40 - 153
Vinyl chloride	0.0500	0.0530		mg/Kg		106	70 - 125
Xylenes, Total	0.100	0.101		mg/Kg		101	53 - 147

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	112		75 - 131
Dibromofluoromethane	92		75 - 126
1,2-Dichloroethane-d4 (Surr)	86		70 - 134
Toluene-d8 (Surr)	105		75 - 124

QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: LCSD 500-824184/5

Matrix: Solid

Analysis Batch: 824184

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	0.0500	0.0339		mg/Kg		68	40 - 150	0	30
Benzene	0.0500	0.0553		mg/Kg		111	70 - 125	4	30
Bromodichloromethane	0.0500	0.0499		mg/Kg		100	67 - 129	4	30
Bromoform	0.0500	0.0416		mg/Kg		83	68 - 136	2	30
Bromomethane	0.0500	0.0528		mg/Kg		106	70 - 130	6	30
2-Butanone (MEK)	0.0500	0.0371		mg/Kg		74	47 - 138	5	30
Carbon disulfide	0.0500	0.0519		mg/Kg		104	70 - 129	4	30
Carbon tetrachloride	0.0500	0.0519		mg/Kg		104	75 - 125	5	30
Chlorobenzene	0.0500	0.0535		mg/Kg		107	50 - 150	3	30
Chloroethane	0.0500	0.0517		mg/Kg		103	75 - 125	6	30
Chloroform	0.0500	0.0516		mg/Kg		103	57 - 135	6	30
Chloromethane	0.0500	0.0468		mg/Kg		94	70 - 125	7	30
cis-1,2-Dichloroethene	0.0500	0.0553		mg/Kg		111	70 - 125	4	30
cis-1,3-Dichloropropene	0.0500	0.0526		mg/Kg		105	70 - 125	4	30
Dibromochloromethane	0.0500	0.0472		mg/Kg		94	69 - 125	3	30
1,2-Dibromo-3-Chloropropane	50.0	49.5		ug/Kg		99	60 - 136	4	30
1,1-Dichloroethane	0.0500	0.0518		mg/Kg		104	70 - 125	5	30
1,2-Dichloroethane	0.0500	0.0477		mg/Kg		95	70 - 130	6	30
1,1-Dichloroethene	0.0500	0.0513		mg/Kg		103	70 - 120	4	30
1,2-Dichloropropane	0.0500	0.0525		mg/Kg		105	70 - 125	7	30
Ethylbenzene	0.0500	0.0532		mg/Kg		106	61 - 136	5	30
2-Hexanone	0.0500	0.0340		mg/Kg		68	48 - 146	5	30
Methylene Chloride	0.0500	0.0537		mg/Kg		107	70 - 126	5	30
4-Methyl-2-pentanone (MIBK)	0.0500	0.0351		mg/Kg		70	50 - 148	4	30
Methyl tert-butyl ether	0.0500	0.0523		mg/Kg		105	50 - 140	2	30
Styrene	0.0500	0.0513		mg/Kg		103	70 - 125	4	30
1,1,2,2-Tetrachloroethane	0.0500	0.0499		mg/Kg		100	70 - 122	1	30
Tetrachloroethene	0.0500	0.0513		mg/Kg		103	70 - 124	5	30
Toluene	0.0500	0.0547		mg/Kg		109	70 - 125	5	30
trans-1,2-Dichloroethene	0.0500	0.0579		mg/Kg		116	70 - 125	5	30
trans-1,3-Dichloropropene	0.0500	0.0507		mg/Kg		101	70 - 125	5	30
1,1,1-Trichloroethane	0.0500	0.0530		mg/Kg		106	70 - 128	6	30
1,1,2-Trichloroethane	0.0500	0.0511		mg/Kg		102	70 - 125	4	30
Trichloroethene	0.0500	0.0562		mg/Kg		112	70 - 125	6	30
Vinyl acetate	0.0500	0.0387		mg/Kg		77	40 - 153	7	30
Vinyl chloride	0.0500	0.0563		mg/Kg		113	70 - 125	6	30
Xylenes, Total	0.100	0.106		mg/Kg		106	53 - 147	5	30

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	111		75 - 131
Dibromofluoromethane	96		75 - 126
1,2-Dichloroethane-d4 (Surr)	88		70 - 134
Toluene-d8 (Surr)	105		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: MB 500-824263/7

Matrix: Solid

Analysis Batch: 824263

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.020		0.020	0.0084	mg/Kg			07/02/25 14:30	1
Benzene	<0.0020		0.0020	0.00063	mg/Kg			07/02/25 14:30	1
Bromodichloromethane	<0.0020		0.0020	0.00064	mg/Kg			07/02/25 14:30	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg			07/02/25 14:30	1
Bromomethane	<0.0050		0.0050	0.0025	mg/Kg			07/02/25 14:30	1
2-Butanone (MEK)	<0.0050		0.0050	0.0022	mg/Kg			07/02/25 14:30	1
Carbon disulfide	<0.0050		0.0050	0.00092	mg/Kg			07/02/25 14:30	1
Carbon tetrachloride	<0.0020		0.0020	0.00068	mg/Kg			07/02/25 14:30	1
Chlorobenzene	<0.0020		0.0020	0.00084	mg/Kg			07/02/25 14:30	1
Chloroethane	<0.0050		0.0050	0.0016	mg/Kg			07/02/25 14:30	1
Chloroform	0.00221		0.0020	0.0014	mg/Kg			07/02/25 14:30	1
Chloromethane	<0.0050		0.0050	0.00097	mg/Kg			07/02/25 14:30	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00081	mg/Kg			07/02/25 14:30	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00080	mg/Kg			07/02/25 14:30	1
Dibromochloromethane	<0.0020		0.0020	0.00093	mg/Kg			07/02/25 14:30	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	3.5	ug/Kg			07/02/25 14:30	1
1,1-Dichloroethane	<0.0020		0.0020	0.00075	mg/Kg			07/02/25 14:30	1
1,2-Dichloroethane	<0.0050		0.0050	0.0013	mg/Kg			07/02/25 14:30	1
1,1-Dichloroethene	<0.0020		0.0020	0.00082	mg/Kg			07/02/25 14:30	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg			07/02/25 14:30	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00096	mg/Kg			07/02/25 14:30	1
Ethylbenzene	<0.0020		0.0020	0.0011	mg/Kg			07/02/25 14:30	1
2-Hexanone	<0.0050		0.0050	0.0030	mg/Kg			07/02/25 14:30	1
Methylene Chloride	0.00431	J	0.0050	0.0021	mg/Kg			07/02/25 14:30	1
4-Methyl-2-pentanone (MIBK)	<0.0050		0.0050	0.0036	mg/Kg			07/02/25 14:30	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00065	mg/Kg			07/02/25 14:30	1
Styrene	<0.0020		0.0020	0.00090	mg/Kg			07/02/25 14:30	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00099	mg/Kg			07/02/25 14:30	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg			07/02/25 14:30	1
Toluene	<0.0020		0.0020	0.00040	mg/Kg			07/02/25 14:30	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00076	mg/Kg			07/02/25 14:30	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00096	mg/Kg			07/02/25 14:30	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00081	mg/Kg			07/02/25 14:30	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00075	mg/Kg			07/02/25 14:30	1
Trichloroethene	<0.0020		0.0020	0.00054	mg/Kg			07/02/25 14:30	1
Vinyl acetate	<0.0050		0.0050	0.0012	mg/Kg			07/02/25 14:30	1
Vinyl chloride	<0.0020		0.0020	0.00082	mg/Kg			07/02/25 14:30	1
Xylenes, Total	<0.0040		0.0040	0.00069	mg/Kg			07/02/25 14:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		75 - 131		07/02/25 14:30	1
Dibromofluoromethane	101		75 - 126		07/02/25 14:30	1
1,2-Dichloroethane-d4 (Surr)	95		70 - 134		07/02/25 14:30	1
Toluene-d8 (Surr)	99		75 - 124		07/02/25 14:30	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: LCS 500-824263/5

Matrix: Solid

Analysis Batch: 824263

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	0.0500	0.0397		mg/Kg		79	40 - 150
Benzene	0.0500	0.0489		mg/Kg		98	70 - 125
Bromodichloromethane	0.0500	0.0447		mg/Kg		89	67 - 129
Bromoform	0.0500	0.0430		mg/Kg		86	68 - 136
Bromomethane	0.0500	0.0474		mg/Kg		95	70 - 130
2-Butanone (MEK)	0.0500	0.0431		mg/Kg		86	47 - 138
Carbon disulfide	0.0500	0.0485		mg/Kg		97	70 - 129
Carbon tetrachloride	0.0500	0.0415		mg/Kg		83	75 - 125
Chlorobenzene	0.0500	0.0458		mg/Kg		92	50 - 150
Chloroethane	0.0500	0.0438		mg/Kg		88	75 - 125
Chloroform	0.0500	0.0445		mg/Kg		89	57 - 135
Chloromethane	0.0500	0.0437		mg/Kg		87	70 - 125
cis-1,2-Dichloroethene	0.0500	0.0469		mg/Kg		94	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0485		mg/Kg		97	70 - 125
Dibromochloromethane	0.0500	0.0455		mg/Kg		91	69 - 125
1,2-Dibromo-3-Chloropropane	50.0	45.7		ug/Kg		91	60 - 136
1,1-Dichloroethane	0.0500	0.0451		mg/Kg		90	70 - 125
1,2-Dichloroethane	0.0500	0.0420		mg/Kg		84	70 - 130
1,1-Dichloroethene	0.0500	0.0467		mg/Kg		93	70 - 120
1,2-Dichloropropane	0.0500	0.0463		mg/Kg		93	70 - 125
Ethylbenzene	0.0500	0.0497		mg/Kg		99	61 - 136
2-Hexanone	0.0500	0.0451		mg/Kg		90	48 - 146
Methylene Chloride	0.0500	0.0502		mg/Kg		100	70 - 126
4-Methyl-2-pentanone (MIBK)	0.0500	0.0474		mg/Kg		95	50 - 148
Methyl tert-butyl ether	0.0500	0.0440		mg/Kg		88	50 - 140
Styrene	0.0500	0.0483		mg/Kg		97	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0526		mg/Kg		105	70 - 122
Tetrachloroethene	0.0500	0.0455		mg/Kg		91	70 - 124
Toluene	0.0500	0.0434		mg/Kg		87	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0468		mg/Kg		94	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0455		mg/Kg		91	70 - 125
1,1,1-Trichloroethane	0.0500	0.0429		mg/Kg		86	70 - 128
1,1,2-Trichloroethane	0.0500	0.0467		mg/Kg		93	70 - 125
Trichloroethene	0.0500	0.0453		mg/Kg		91	70 - 125
Vinyl acetate	0.0500	0.0514		mg/Kg		103	40 - 153
Vinyl chloride	0.0500	0.0432		mg/Kg		86	70 - 125
Xylenes, Total	0.100	0.0896		mg/Kg		90	53 - 147

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		75 - 131
Dibromofluoromethane	103		75 - 126
1,2-Dichloroethane-d4 (Surr)	96		70 - 134
Toluene-d8 (Surr)	103		75 - 124

QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: LCSD 500-824263/8

Matrix: Solid

Analysis Batch: 824263

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	0.0500	0.0339		mg/Kg		68	40 - 150	16	30
Benzene	0.0500	0.0459		mg/Kg		92	70 - 125	6	30
Bromodichloromethane	0.0500	0.0428		mg/Kg		86	67 - 129	4	30
Bromoform	0.0500	0.0399		mg/Kg		80	68 - 136	7	30
Bromomethane	0.0500	0.0370		mg/Kg		74	70 - 130	25	30
2-Butanone (MEK)	0.0500	0.0381		mg/Kg		76	47 - 138	12	30
Carbon disulfide	0.0500	0.0453		mg/Kg		91	70 - 129	7	30
Carbon tetrachloride	0.0500	0.0381		mg/Kg		76	75 - 125	8	30
Chlorobenzene	0.0500	0.0429		mg/Kg		86	50 - 150	6	30
Chloroethane	0.0500	0.0332	*-	mg/Kg		66	75 - 125	28	30
Chloroform	0.0500	0.0412		mg/Kg		82	57 - 135	8	30
Chloromethane	0.0500	0.0322	*-	mg/Kg		64	70 - 125	30	30
cis-1,2-Dichloroethene	0.0500	0.0441		mg/Kg		88	70 - 125	6	30
cis-1,3-Dichloropropene	0.0500	0.0449		mg/Kg		90	70 - 125	8	30
Dibromochloromethane	0.0500	0.0431		mg/Kg		86	69 - 125	5	30
1,2-Dibromo-3-Chloropropane	50.0	39.1		ug/Kg		78	60 - 136	15	30
1,1-Dichloroethane	0.0500	0.0423		mg/Kg		85	70 - 125	6	30
1,2-Dichloroethane	0.0500	0.0384		mg/Kg		77	70 - 130	9	30
1,1-Dichloroethene	0.0500	0.0435		mg/Kg		87	70 - 120	7	30
1,2-Dichloropropane	0.0500	0.0439		mg/Kg		88	70 - 125	5	30
Ethylbenzene	0.0500	0.0459		mg/Kg		92	61 - 136	8	30
2-Hexanone	0.0500	0.0420		mg/Kg		84	48 - 146	7	30
Methylene Chloride	0.0500	0.0464		mg/Kg		93	70 - 126	8	30
4-Methyl-2-pentanone (MIBK)	0.0500	0.0426		mg/Kg		85	50 - 148	11	30
Methyl tert-butyl ether	0.0500	0.0408		mg/Kg		82	50 - 140	7	30
Styrene	0.0500	0.0462		mg/Kg		92	70 - 125	4	30
1,1,1,2-Tetrachloroethane	0.0500	0.0484		mg/Kg		97	70 - 122	8	30
Tetrachloroethene	0.0500	0.0428		mg/Kg		86	70 - 124	6	30
Toluene	0.0500	0.0407		mg/Kg		81	70 - 125	7	30
trans-1,2-Dichloroethene	0.0500	0.0448		mg/Kg		90	70 - 125	5	30
trans-1,3-Dichloropropene	0.0500	0.0429		mg/Kg		86	70 - 125	6	30
1,1,1-Trichloroethane	0.0500	0.0412		mg/Kg		82	70 - 128	4	30
1,1,2-Trichloroethane	0.0500	0.0437		mg/Kg		87	70 - 125	7	30
Trichloroethene	0.0500	0.0426		mg/Kg		85	70 - 125	6	30
Vinyl acetate	0.0500	0.0467		mg/Kg		93	40 - 153	10	30
Vinyl chloride	0.0500	0.0326	*-	mg/Kg		65	70 - 125	28	30
Xylenes, Total	0.100	0.0850		mg/Kg		85	53 - 147	5	30

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	99		75 - 131
Dibromofluoromethane	101		75 - 126
1,2-Dichloroethane-d4 (Surr)	96		70 - 134
Toluene-d8 (Surr)	103		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: MB 500-824387/1-A

Matrix: Solid

Analysis Batch: 824407

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 824387

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.17		0.17	0.024	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
1,2-Dichlorobenzene	<0.17		0.17	0.014	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
1,3-Dichlorobenzene	<0.17		0.17	0.015	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
1,4-Dichlorobenzene	<0.17		0.17	0.016	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2,2'-oxybis[1-chloropropane]	<0.17		0.17	0.024	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2,4,5-Trichlorophenol	<0.33		0.33	0.013	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2,4,6-Trichlorophenol	<0.33		0.33	0.011	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2,4-Dichlorophenol	<0.33		0.33	0.012	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2,4-Dimethylphenol	<0.33		0.33	0.074	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2,4-Dinitrophenol	<0.67		0.67	0.19	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2,4-Dinitrotoluene	<0.17		0.17	0.019	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2,6-Dinitrotoluene	<0.17		0.17	0.023	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2-Chloronaphthalene	<0.17		0.17	0.012	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2-Chlorophenol	<0.17		0.17	0.011	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2-Methylnaphthalene	<0.067		0.067	0.0067	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2-Methylphenol	<0.17		0.17	0.018	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2-Nitroaniline	<0.17		0.17	0.018	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2-Nitrophenol	<0.33		0.33	0.023	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
3 & 4 Methylphenol	<0.17		0.17	0.024	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
3,3'-Dichlorobenzidine	<0.17		0.17	0.15	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
3-Nitroaniline	<0.33		0.33	0.015	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
4,6-Dinitro-2-methylphenol	<0.67		0.67	0.19	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
4-Bromophenyl phenyl ether	<0.17		0.17	0.023	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
4-Chloro-3-methylphenol	<0.33		0.33	0.028	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
4-Chloroaniline	<0.67		0.67	0.35	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
4-Chlorophenyl phenyl ether	<0.17		0.17	0.044	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
4-Nitroaniline	<0.33		0.33	0.025	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
4-Nitrophenol	<0.67		0.67	0.36	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Acenaphthene	<0.033		0.033	0.0068	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Acenaphthylene	<0.033		0.033	0.0056	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Anthracene	<0.033		0.033	0.0068	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Benzo[a]anthracene	<0.033		0.033	0.0070	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Benzo[a]pyrene	<0.033		0.033	0.032	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Benzo[b]fluoranthene	<0.033		0.033	0.032	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Benzo[g,h,i]perylene	<0.033		0.033	0.015	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Benzo[k]fluoranthene	<0.033		0.033	0.013	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Bis(2-chloroethoxy)methane	<0.17		0.17	0.012	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Bis(2-chloroethyl)ether	<0.17		0.17	0.015	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Bis(2-ethylhexyl) phthalate	<0.17		0.17	0.13	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Butyl benzyl phthalate	<0.17		0.17	0.017	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Carbazole	<0.17		0.17	0.013	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Chrysene	<0.033		0.033	0.0088	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Dibenz(a,h)anthracene	<0.033		0.033	0.033	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Dibenzofuran	<0.17		0.17	0.012	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Diethyl phthalate	<0.17		0.17	0.015	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Dimethyl phthalate	<0.17		0.17	0.0072	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Di-n-butyl phthalate	<0.17		0.17	0.011	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Di-n-octyl phthalate	<0.33		0.33	0.23	mg/Kg		07/03/25 07:15	07/03/25 14:41	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: MB 500-824387/1-A

Matrix: Solid

Analysis Batch: 824407

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 824387

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	<0.033		0.033	0.0077	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Fluorene	<0.033		0.033	0.0098	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Hexachlorobenzene	<0.067		0.067	0.0064	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Hexachlorobutadiene	<0.17		0.17	0.019	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Hexachlorocyclopentadiene	<0.67		0.67	0.35	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Hexachloroethane	<0.17		0.17	0.017	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Indeno[1,2,3-cd]pyrene	<0.033		0.033	0.032	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Isophorone	<0.17		0.17	0.017	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Naphthalene	<0.033		0.033	0.0060	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Nitrobenzene	<0.033		0.033	0.011	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
N-Nitrosodi-n-propylamine	<0.067		0.067	0.019	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
N-Nitrosodiphenylamine	<0.17		0.17	0.066	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Pentachlorophenol	<0.67		0.67	0.37	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Phenanthrene	<0.033		0.033	0.0072	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Phenol	<0.17		0.17	0.014	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Pyrene	<0.033		0.033	0.0091	mg/Kg		07/03/25 07:15	07/03/25 14:41	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	49		31 - 166	07/03/25 07:15	07/03/25 14:41	1
Phenol-d5 (Surr)	50		30 - 153	07/03/25 07:15	07/03/25 14:41	1
Nitrobenzene-d5 (Surr)	54		37 - 147	07/03/25 07:15	07/03/25 14:41	1
2-Fluorobiphenyl (Surr)	50		43 - 145	07/03/25 07:15	07/03/25 14:41	1
2,4,6-Tribromophenol (Surr)	47		31 - 143	07/03/25 07:15	07/03/25 14:41	1
Terphenyl-d14 (Surr)	54		42 - 157	07/03/25 07:15	07/03/25 14:41	1

Lab Sample ID: LCS 500-824387/2-A

Matrix: Solid

Analysis Batch: 824407

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824387

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	3.33	2.33		mg/Kg		70	49 - 100
1,2-Dichlorobenzene	3.33	2.34		mg/Kg		70	47 - 94
1,3-Dichlorobenzene	3.33	2.32		mg/Kg		69	47 - 92
1,4-Dichlorobenzene	3.33	2.32		mg/Kg		69	46 - 92
2,2'-oxybis[1-chloropropane]	3.33	2.57		mg/Kg		77	43 - 111
2,4,5-Trichlorophenol	3.33	2.62		mg/Kg		79	48 - 121
2,4,6-Trichlorophenol	3.33	2.60		mg/Kg		78	50 - 121
2,4-Dichlorophenol	3.33	2.55		mg/Kg		77	51 - 109
2,4-Dimethylphenol	3.33	2.59		mg/Kg		78	48 - 93
2,4-Dinitrophenol	6.67	5.72		mg/Kg		86	10 - 130
2,4-Dinitrotoluene	3.33	2.77		mg/Kg		83	65 - 120
2,6-Dinitrotoluene	3.33	2.66		mg/Kg		80	66 - 117
2-Chloronaphthalene	3.33	2.58		mg/Kg		77	60 - 107
2-Chlorophenol	3.33	2.51		mg/Kg		75	50 - 102
2-Methylnaphthalene	3.33	2.92		mg/Kg		88	58 - 103
2-Methylphenol	3.33	2.57		mg/Kg		77	50 - 104
2-Nitroaniline	3.33	3.06		mg/Kg		92	61 - 126
2-Nitrophenol	3.33	2.54		mg/Kg		76	41 - 114

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: LCS 500-824387/2-A

Matrix: Solid

Analysis Batch: 824407

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824387

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
3 & 4 Methylphenol	3.33	2.58		mg/Kg		78	49 - 109
3,3'-Dichlorobenzidine	3.33	2.24		mg/Kg		67	36 - 131
3-Nitroaniline	3.33	2.41		mg/Kg		72	44 - 124
4,6-Dinitro-2-methylphenol	6.67	5.76		mg/Kg		86	36 - 138
4-Bromophenyl phenyl ether	3.33	2.71		mg/Kg		81	57 - 124
4-Chloro-3-methylphenol	3.33	2.72		mg/Kg		82	57 - 113
4-Chloroaniline	3.33	2.31		mg/Kg		69	22 - 110
4-Chlorophenyl phenyl ether	3.33	2.51		mg/Kg		75	60 - 112
4-Nitroaniline	3.33	2.71		mg/Kg		81	60 - 115
4-Nitrophenol	6.67	4.37		mg/Kg		66	45 - 126
Acenaphthene	3.33	2.55		mg/Kg		76	63 - 109
Acenaphthylene	3.33	2.65		mg/Kg		79	61 - 115
Anthracene	3.33	2.84		mg/Kg		85	68 - 120
Benzo[a]anthracene	3.33	2.57		mg/Kg		77	70 - 121
Benzo[a]pyrene	3.33	2.72		mg/Kg		82	73 - 132
Benzo[b]fluoranthene	3.33	2.84		mg/Kg		85	68 - 123
Benzo[g,h,i]perylene	3.33	2.51		mg/Kg		75	65 - 126
Benzo[k]fluoranthene	3.33	2.62		mg/Kg		79	64 - 128
Bis(2-chloroethoxy)methane	3.33	2.62		mg/Kg		79	54 - 102
Bis(2-chloroethyl)ether	3.33	2.53		mg/Kg		76	49 - 99
Bis(2-ethylhexyl) phthalate	3.33	2.80		mg/Kg		84	70 - 139
Butyl benzyl phthalate	3.33	2.80		mg/Kg		84	65 - 140
Carbazole	3.33	2.87		mg/Kg		86	68 - 120
Chrysene	3.33	2.68		mg/Kg		80	70 - 123
Dibenz(a,h)anthracene	3.33	2.70		mg/Kg		81	66 - 125
Dibenzofuran	3.33	2.60		mg/Kg		78	64 - 112
Diethyl phthalate	3.33	2.73		mg/Kg		82	66 - 115
Dimethyl phthalate	3.33	2.67		mg/Kg		80	65 - 114
Di-n-butyl phthalate	3.33	2.91		mg/Kg		87	69 - 125
Di-n-octyl phthalate	3.33	2.84		mg/Kg		85	61 - 131
Fluoranthene	3.33	2.71		mg/Kg		81	66 - 123
Fluorene	3.33	2.58		mg/Kg		77	62 - 113
Hexachlorobenzene	3.33	2.72		mg/Kg		82	52 - 126
Hexachlorobutadiene	3.33	2.30		mg/Kg		69	42 - 103
Hexachlorocyclopentadiene	3.33	2.89		mg/Kg		87	10 - 100
Hexachloroethane	3.33	2.45		mg/Kg		73	45 - 95
Indeno[1,2,3-cd]pyrene	3.33	2.69		mg/Kg		81	66 - 131
Isophorone	3.33	2.63		mg/Kg		79	47 - 108
Naphthalene	3.33	2.37		mg/Kg		71	54 - 98
Nitrobenzene	3.33	2.66		mg/Kg		80	52 - 105
N-Nitrosodi-n-propylamine	3.33	2.71		mg/Kg		81	48 - 110
N-Nitrosodiphenylamine	3.33	2.82		mg/Kg		85	67 - 112
Pentachlorophenol	6.67	4.32		mg/Kg		65	32 - 128
Phenanthrene	3.33	2.74		mg/Kg		82	65 - 115
Phenol	3.33	2.56		mg/Kg		77	52 - 110
Pyrene	3.33	2.66		mg/Kg		80	71 - 128

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: LCS 500-824387/2-A

Matrix: Solid

Analysis Batch: 824407

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824387

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
2-Fluorophenol (Surr)	75		31 - 166
Phenol-d5 (Surr)	77		30 - 153
Nitrobenzene-d5 (Surr)	80		37 - 147
2-Fluorobiphenyl (Surr)	78		43 - 145
2,4,6-Tribromophenol (Surr)	75		31 - 143
Terphenyl-d14 (Surr)	82		42 - 157

Lab Sample ID: 500-270891-20 MS

Matrix: Solid

Analysis Batch: 824407

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: Total/NA

Prep Batch: 824387

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	<0.20	F1	3.99	2.58	F1	mg/Kg	☼	65	66 - 117
1,2-Dichlorobenzene	<0.20	F1	3.99	2.44	F1	mg/Kg	☼	61	62 - 110
1,3-Dichlorobenzene	<0.20		3.99	2.39		mg/Kg	☼	60	60 - 110
1,4-Dichlorobenzene	<0.20		3.99	2.47		mg/Kg	☼	62	61 - 110
2,2'-oxybis[1-chloropropane]	<0.20		3.99	2.85		mg/Kg	☼	71	40 - 124
2,4,5-Trichlorophenol	<0.39		3.99	3.09		mg/Kg	☼	77	50 - 120
2,4,6-Trichlorophenol	<0.39		3.99	3.00		mg/Kg	☼	75	57 - 120
2,4-Dichlorophenol	<0.39		3.99	2.85		mg/Kg	☼	71	58 - 120
2,4-Dimethylphenol	<0.39		3.99	3.02		mg/Kg	☼	76	60 - 110
2,4-Dinitrophenol	<0.80	F2	7.98	1.26		mg/Kg	☼	16	10 - 100
2,4-Dinitrotoluene	<0.20		3.99	3.20		mg/Kg	☼	80	69 - 124
2,6-Dinitrotoluene	<0.20		3.99	3.10		mg/Kg	☼	78	70 - 123
2-Chloronaphthalene	<0.20		3.99	3.09		mg/Kg	☼	77	69 - 114
2-Chlorophenol	<0.20		3.99	2.74		mg/Kg	☼	69	64 - 110
2-Methylnaphthalene	<0.080		3.99	3.57		mg/Kg	☼	89	69 - 112
2-Methylphenol	<0.20		3.99	2.79		mg/Kg	☼	70	60 - 120
2-Nitroaniline	<0.20		3.99	3.71		mg/Kg	☼	93	57 - 124
2-Nitrophenol	<0.39		3.99	2.85		mg/Kg	☼	71	60 - 120
3 & 4 Methylphenol	<0.20		3.99	2.85		mg/Kg	☼	71	57 - 120
3,3'-Dichlorobenzidine	<0.20		3.99	2.73		mg/Kg	☼	69	35 - 128
3-Nitroaniline	<0.39		3.99	3.19		mg/Kg	☼	80	40 - 122
4,6-Dinitro-2-methylphenol	<0.80	F2	7.98	3.35		mg/Kg	☼	42	10 - 110
4-Bromophenyl phenyl ether	<0.20		3.99	3.49		mg/Kg	☼	87	68 - 118
4-Chloro-3-methylphenol	<0.39		3.99	3.13		mg/Kg	☼	79	65 - 122
4-Chloroaniline	<0.80		3.99	2.57		mg/Kg	☼	64	30 - 150
4-Chlorophenyl phenyl ether	<0.20		3.99	2.96		mg/Kg	☼	74	62 - 119
4-Nitroaniline	<0.39		3.99	2.87		mg/Kg	☼	72	60 - 160
4-Nitrophenol	<0.80		7.98	4.64		mg/Kg	☼	58	30 - 122
Acenaphthene	<0.039		3.99	3.06		mg/Kg	☼	77	65 - 124
Acenaphthylene	<0.039		3.99	3.14		mg/Kg	☼	79	68 - 120
Anthracene	<0.039		3.99	3.47		mg/Kg	☼	87	70 - 114
Benzo[a]anthracene	0.036	J	3.99	3.21		mg/Kg	☼	79	67 - 122
Benzo[a]pyrene	<0.039		3.99	3.39		mg/Kg	☼	85	65 - 133
Benzo[b]fluoranthene	0.040		3.99	3.29		mg/Kg	☼	81	69 - 129
Benzo[g,h,i]perylene	0.025	J	3.99	2.98		mg/Kg	☼	74	72 - 131
Benzo[k]fluoranthene	<0.039		3.99	3.42		mg/Kg	☼	86	68 - 127

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: 500-270891-20 MS

Matrix: Solid

Analysis Batch: 824407

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: Total/NA

Prep Batch: 824387

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-chloroethoxy)methane	<0.20		3.99	2.98		mg/Kg	☼	75	60 - 112
Bis(2-chloroethyl)ether	<0.20		3.99	2.80		mg/Kg	☼	70	55 - 111
Bis(2-ethylhexyl) phthalate	<0.20		3.99	3.63		mg/Kg	☼	91	72 - 131
Butyl benzyl phthalate	<0.20		3.99	3.66		mg/Kg	☼	92	71 - 129
Carbazole	<0.20		3.99	3.44		mg/Kg	☼	86	65 - 142
Chrysene	0.048		3.99	3.38		mg/Kg	☼	84	63 - 120
Dibenz(a,h)anthracene	<0.039		3.99	3.36		mg/Kg	☼	84	64 - 131
Dibenzofuran	<0.20		3.99	3.14		mg/Kg	☼	79	66 - 115
Diethyl phthalate	<0.20		3.99	3.27		mg/Kg	☼	82	58 - 120
Dimethyl phthalate	<0.20		3.99	3.23		mg/Kg	☼	81	69 - 116
Di-n-butyl phthalate	<0.20		3.99	3.68		mg/Kg	☼	92	65 - 120
Di-n-octyl phthalate	<0.39		3.99	3.29		mg/Kg	☼	82	68 - 134
Fluoranthene	0.053		3.99	3.15		mg/Kg	☼	78	62 - 120
Fluorene	<0.039		3.99	3.07		mg/Kg	☼	77	62 - 120
Hexachlorobenzene	<0.080		3.99	3.39		mg/Kg	☼	85	63 - 124
Hexachlorobutadiene	<0.20		3.99	2.49		mg/Kg	☼	62	56 - 120
Hexachlorocyclopentadiene	<0.80	F2	3.99	0.625	J	mg/Kg	☼	16	10 - 133
Hexachloroethane	<0.20	F1	3.99	2.34	F1	mg/Kg	☼	59	60 - 114
Indeno[1,2,3-cd]pyrene	<0.039		3.99	3.27		mg/Kg	☼	82	68 - 130
Isophorone	<0.20		3.99	3.01		mg/Kg	☼	76	55 - 110
Naphthalene	<0.039		3.99	2.66		mg/Kg	☼	67	63 - 110
Nitrobenzene	<0.039		3.99	3.01		mg/Kg	☼	75	60 - 116
N-Nitrosodi-n-propylamine	<0.080		3.99	2.98		mg/Kg	☼	75	56 - 118
N-Nitrosodiphenylamine	<0.20		3.99	3.62		mg/Kg	☼	91	65 - 112
Pentachlorophenol	<0.80		7.98	3.93		mg/Kg	☼	49	13 - 112
Phenanthrene	0.039		3.99	3.42		mg/Kg	☼	85	62 - 120
Phenol	<0.20		3.99	2.86		mg/Kg	☼	72	56 - 122
Pyrene	0.060		3.99	3.50		mg/Kg	☼	86	61 - 128

Surrogate	MS %Recovery	MS Qualifier	Limits
2-Fluorophenol (Surr)	71		31 - 166
Phenol-d5 (Surr)	71		30 - 153
Nitrobenzene-d5 (Surr)	77		37 - 147
2-Fluorobiphenyl (Surr)	79		43 - 145
2,4,6-Tribromophenol (Surr)	68		31 - 143
Terphenyl-d14 (Surr)	89		42 - 157

Lab Sample ID: 500-270891-20 MSD

Matrix: Solid

Analysis Batch: 824407

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: Total/NA

Prep Batch: 824387

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	<0.20	F1	4.04	3.04		mg/Kg	☼	75	66 - 117	16	30
1,2-Dichlorobenzene	<0.20	F1	4.04	2.96		mg/Kg	☼	73	62 - 110	19	30
1,3-Dichlorobenzene	<0.20		4.04	2.92		mg/Kg	☼	72	60 - 110	20	30
1,4-Dichlorobenzene	<0.20		4.04	2.94		mg/Kg	☼	73	61 - 110	18	30
2,2'-oxybis[1-chloropropane]	<0.20		4.04	3.38		mg/Kg	☼	84	40 - 124	17	30
2,4,5-Trichlorophenol	<0.39		4.04	3.26		mg/Kg	☼	81	50 - 120	5	30

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: 500-270891-20 MSD

Matrix: Solid

Analysis Batch: 824407

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: Total/NA

Prep Batch: 824387

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,6-Trichlorophenol	<0.39		4.04	3.20		mg/Kg	✱	79	57 - 120	6	30
2,4-Dichlorophenol	<0.39		4.04	3.16		mg/Kg	✱	78	58 - 120	10	30
2,4-Dimethylphenol	<0.39		4.04	3.22		mg/Kg	✱	80	60 - 110	6	30
2,4-Dinitrophenol	<0.80	F2	8.09	3.51	F2	mg/Kg	✱	43	10 - 100	95	30
2,4-Dinitrotoluene	<0.20		4.04	3.27		mg/Kg	✱	81	69 - 124	2	30
2,6-Dinitrotoluene	<0.20		4.04	3.34		mg/Kg	✱	82	70 - 123	7	30
2-Chloronaphthalene	<0.20		4.04	3.38		mg/Kg	✱	84	69 - 114	9	30
2-Chlorophenol	<0.20		4.04	3.19		mg/Kg	✱	79	64 - 110	15	30
2-Methylnaphthalene	<0.080		4.04	4.34		mg/Kg	✱	107	69 - 112	20	30
2-Methylphenol	<0.20		4.04	3.16		mg/Kg	✱	78	60 - 120	13	30
2-Nitroaniline	<0.20		4.04	4.03		mg/Kg	✱	100	57 - 124	8	30
2-Nitrophenol	<0.39		4.04	3.27		mg/Kg	✱	81	60 - 120	14	30
3 & 4 Methylphenol	<0.20		4.04	3.15		mg/Kg	✱	78	57 - 120	10	30
3,3'-Dichlorobenzidine	<0.20		4.04	3.04		mg/Kg	✱	75	35 - 128	11	30
3-Nitroaniline	<0.39		4.04	3.19		mg/Kg	✱	79	40 - 122	0	30
4,6-Dinitro-2-methylphenol	<0.80	F2	8.09	4.77	F2	mg/Kg	✱	59	10 - 110	35	30
4-Bromophenyl phenyl ether	<0.20		4.04	3.73		mg/Kg	✱	92	68 - 118	7	30
4-Chloro-3-methylphenol	<0.39		4.04	3.34		mg/Kg	✱	83	65 - 122	6	30
4-Chloroaniline	<0.80		4.04	2.72		mg/Kg	✱	67	30 - 150	6	30
4-Chlorophenyl phenyl ether	<0.20		4.04	3.12		mg/Kg	✱	77	62 - 119	5	30
4-Nitroaniline	<0.39		4.04	2.96		mg/Kg	✱	73	60 - 160	3	30
4-Nitrophenol	<0.80		8.09	4.17		mg/Kg	✱	52	30 - 122	11	30
Acenaphthene	<0.039		4.04	3.26		mg/Kg	✱	81	65 - 124	6	30
Acenaphthylene	<0.039		4.04	3.43		mg/Kg	✱	85	68 - 120	9	30
Anthracene	<0.039		4.04	3.65		mg/Kg	✱	90	70 - 114	5	30
Benzo[a]anthracene	0.036	J	4.04	3.31		mg/Kg	✱	81	67 - 122	3	30
Benzo[a]pyrene	<0.039		4.04	3.55		mg/Kg	✱	88	65 - 133	5	30
Benzo[b]fluoranthene	0.040		4.04	3.41		mg/Kg	✱	83	69 - 129	3	30
Benzo[g,h,i]perylene	0.025	J	4.04	3.15		mg/Kg	✱	77	72 - 131	6	30
Benzo[k]fluoranthene	<0.039		4.04	3.56		mg/Kg	✱	88	68 - 127	4	30
Bis(2-chloroethoxy)methane	<0.20		4.04	3.31		mg/Kg	✱	82	60 - 112	10	30
Bis(2-chloroethyl)ether	<0.20		4.04	3.25		mg/Kg	✱	80	55 - 111	15	30
Bis(2-ethylhexyl) phthalate	<0.20		4.04	3.81		mg/Kg	✱	94	72 - 131	5	30
Butyl benzyl phthalate	<0.20		4.04	3.85		mg/Kg	✱	95	71 - 129	5	30
Carbazole	<0.20		4.04	3.56		mg/Kg	✱	88	65 - 142	3	30
Chrysene	0.048		4.04	3.45		mg/Kg	✱	84	63 - 120	2	30
Dibenz(a,h)anthracene	<0.039		4.04	3.45		mg/Kg	✱	85	64 - 131	3	30
Dibenzofuran	<0.20		4.04	3.32		mg/Kg	✱	82	66 - 115	6	30
Diethyl phthalate	<0.20		4.04	3.41		mg/Kg	✱	84	58 - 120	4	30
Dimethyl phthalate	<0.20		4.04	3.41		mg/Kg	✱	84	69 - 116	6	30
Di-n-butyl phthalate	<0.20		4.04	3.84		mg/Kg	✱	95	65 - 120	4	30
Di-n-octyl phthalate	<0.39		4.04	3.33		mg/Kg	✱	82	68 - 134	1	30
Fluoranthene	0.053		4.04	3.30		mg/Kg	✱	80	62 - 120	5	30
Fluorene	<0.039		4.04	3.22		mg/Kg	✱	80	62 - 120	5	30
Hexachlorobenzene	<0.080		4.04	3.65		mg/Kg	✱	90	63 - 124	7	30
Hexachlorobutadiene	<0.20		4.04	2.99		mg/Kg	✱	74	56 - 120	18	30
Hexachlorocyclopentadiene	<0.80	F2	4.04	1.26	F2	mg/Kg	✱	31	10 - 133	67	30
Hexachloroethane	<0.20	F1	4.04	2.94		mg/Kg	✱	73	60 - 114	23	30
Indeno[1,2,3-cd]pyrene	<0.039		4.04	3.40		mg/Kg	✱	84	68 - 130	4	30

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: 500-270891-20 MSD

Matrix: Solid

Analysis Batch: 824407

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: Total/NA

Prep Batch: 824387

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Isophorone	<0.20		4.04	3.39		mg/Kg	☼	84	55 - 110	12	30
Naphthalene	<0.039		4.04	3.08		mg/Kg	☼	76	63 - 110	14	30
Nitrobenzene	<0.039		4.04	3.54		mg/Kg	☼	87	60 - 116	16	30
N-Nitrosodi-n-propylamine	<0.080		4.04	3.43		mg/Kg	☼	85	56 - 118	14	30
N-Nitrosodiphenylamine	<0.20		4.04	3.85		mg/Kg	☼	95	65 - 112	6	30
Pentachlorophenol	<0.80		8.09	4.17		mg/Kg	☼	52	13 - 112	6	30
Phenanthrene	0.039		4.04	3.57		mg/Kg	☼	87	62 - 120	4	30
Phenol	<0.20		4.04	3.30		mg/Kg	☼	81	56 - 122	14	30
Pyrene	0.060		4.04	3.62		mg/Kg	☼	88	61 - 128	3	30

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
2-Fluorophenol (Surr)	80		31 - 166
Phenol-d5 (Surr)	79		30 - 153
Nitrobenzene-d5 (Surr)	87		37 - 147
2-Fluorobiphenyl (Surr)	87		43 - 145
2,4,6-Tribromophenol (Surr)	70		31 - 143
Terphenyl-d14 (Surr)	94		42 - 157

Lab Sample ID: MB 500-824905/1-A

Matrix: Solid

Analysis Batch: 824983

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 824905

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.17		0.17	0.024	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
1,2-Dichlorobenzene	<0.17		0.17	0.014	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
1,3-Dichlorobenzene	<0.17		0.17	0.015	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
1,4-Dichlorobenzene	<0.17		0.17	0.016	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2,2'-oxybis[1-chloropropane]	<0.17		0.17	0.024	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2,4,5-Trichlorophenol	<0.33		0.33	0.013	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2,4,6-Trichlorophenol	<0.33		0.33	0.011	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2,4-Dichlorophenol	<0.33		0.33	0.012	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2,4-Dimethylphenol	<0.33		0.33	0.074	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2,4-Dinitrophenol	<0.67		0.67	0.19	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2,4-Dinitrotoluene	<0.17		0.17	0.019	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2,6-Dinitrotoluene	<0.17		0.17	0.023	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2-Chloronaphthalene	<0.17		0.17	0.012	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2-Chlorophenol	<0.17		0.17	0.011	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2-Methylnaphthalene	<0.067		0.067	0.0067	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2-Methylphenol	<0.17		0.17	0.018	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2-Nitroaniline	<0.17		0.17	0.018	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2-Nitrophenol	<0.33		0.33	0.023	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
3 & 4 Methylphenol	<0.17		0.17	0.024	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
3,3'-Dichlorobenzidine	<0.17		0.17	0.15	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
3-Nitroaniline	<0.33		0.33	0.015	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
4,6-Dinitro-2-methylphenol	<0.67		0.67	0.19	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
4-Bromophenyl phenyl ether	<0.17		0.17	0.023	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
4-Chloro-3-methylphenol	<0.33		0.33	0.028	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
4-Chloroaniline	<0.67		0.67	0.35	mg/Kg		07/08/25 14:13	07/09/25 11:48	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: MB 500-824905/1-A

Matrix: Solid

Analysis Batch: 824983

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 824905

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	<0.17		0.17	0.044	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
4-Nitroaniline	<0.33		0.33	0.025	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
4-Nitrophenol	<0.67		0.67	0.36	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Acenaphthene	<0.033		0.033	0.0068	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Acenaphthylene	<0.033		0.033	0.0056	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Anthracene	<0.033		0.033	0.0068	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Benzo[a]anthracene	<0.033		0.033	0.0070	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Benzo[a]pyrene	<0.033		0.033	0.032	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Benzo[b]fluoranthene	<0.033		0.033	0.032	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Benzo[g,h,i]perylene	<0.033		0.033	0.015	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Benzo[k]fluoranthene	<0.033		0.033	0.013	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Bis(2-chloroethoxy)methane	<0.17		0.17	0.012	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Bis(2-chloroethyl)ether	<0.17		0.17	0.015	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Bis(2-ethylhexyl) phthalate	<0.17		0.17	0.13	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Butyl benzyl phthalate	<0.17		0.17	0.017	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Carbazole	<0.17		0.17	0.013	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Chrysene	<0.033		0.033	0.0088	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Dibenz(a,h)anthracene	<0.033		0.033	0.033	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Dibenzofuran	<0.17		0.17	0.012	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Diethyl phthalate	0.0341	J	0.17	0.015	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Dimethyl phthalate	<0.17		0.17	0.0072	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Di-n-butyl phthalate	<0.17		0.17	0.011	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Di-n-octyl phthalate	<0.33		0.33	0.23	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Fluoranthene	<0.033		0.033	0.0077	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Fluorene	<0.033		0.033	0.0098	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Hexachlorobenzene	<0.067		0.067	0.0064	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Hexachlorobutadiene	<0.17		0.17	0.019	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Hexachlorocyclopentadiene	<0.67		0.67	0.35	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Hexachloroethane	<0.17		0.17	0.017	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Indeno[1,2,3-cd]pyrene	<0.033		0.033	0.032	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Isophorone	<0.17		0.17	0.017	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Naphthalene	<0.033		0.033	0.0060	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Nitrobenzene	<0.033		0.033	0.011	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
N-Nitrosodi-n-propylamine	<0.067		0.067	0.019	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
N-Nitrosodiphenylamine	<0.17		0.17	0.066	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Pentachlorophenol	<0.67		0.67	0.37	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Phenanthrene	<0.033		0.033	0.0072	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Phenol	<0.17		0.17	0.014	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Pyrene	<0.033		0.033	0.0091	mg/Kg		07/08/25 14:13	07/09/25 11:48	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	81		31 - 166	07/08/25 14:13	07/09/25 11:48	1
Phenol-d5 (Surr)	82		30 - 153	07/08/25 14:13	07/09/25 11:48	1
Nitrobenzene-d5 (Surr)	89		37 - 147	07/08/25 14:13	07/09/25 11:48	1
2-Fluorobiphenyl (Surr)	86		43 - 145	07/08/25 14:13	07/09/25 11:48	1
2,4,6-Tribromophenol (Surr)	82		31 - 143	07/08/25 14:13	07/09/25 11:48	1
Terphenyl-d14 (Surr)	91		42 - 157	07/08/25 14:13	07/09/25 11:48	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: LCS 500-824905/2-A

Matrix: Solid

Analysis Batch: 824983

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824905

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec Limits
	Added	Result	Qualifier				
1,2,4-Trichlorobenzene	3.33	2.49		mg/Kg		75	49 - 100
1,2-Dichlorobenzene	3.33	2.49		mg/Kg		75	47 - 94
1,3-Dichlorobenzene	3.33	2.44		mg/Kg		73	47 - 92
1,4-Dichlorobenzene	3.33	2.42		mg/Kg		73	46 - 92
2,2'-oxybis[1-chloropropane]	3.33	2.72		mg/Kg		82	43 - 111
2,4,5-Trichlorophenol	3.33	2.83		mg/Kg		85	48 - 121
2,4,6-Trichlorophenol	3.33	2.66		mg/Kg		80	50 - 121
2,4-Dichlorophenol	3.33	2.74		mg/Kg		82	51 - 109
2,4-Dimethylphenol	3.33	2.80		mg/Kg		84	48 - 93
2,4-Dinitrophenol	6.67	6.41		mg/Kg		96	10 - 130
2,4-Dinitrotoluene	3.33	3.03		mg/Kg		91	65 - 120
2,6-Dinitrotoluene	3.33	2.88		mg/Kg		86	66 - 117
2-Chloronaphthalene	3.33	2.74		mg/Kg		82	60 - 107
2-Chlorophenol	3.33	2.69		mg/Kg		81	50 - 102
2-Methylnaphthalene	3.33	3.38		mg/Kg		102	58 - 103
2-Methylphenol	3.33	2.69		mg/Kg		81	50 - 104
2-Nitroaniline	3.33	3.38		mg/Kg		101	61 - 126
2-Nitrophenol	3.33	2.70		mg/Kg		81	41 - 114
3 & 4 Methylphenol	3.33	2.70		mg/Kg		81	49 - 109
3,3'-Dichlorobenzidine	3.33	2.49		mg/Kg		75	36 - 131
3-Nitroaniline	3.33	2.73		mg/Kg		82	44 - 124
4,6-Dinitro-2-methylphenol	6.67	6.35		mg/Kg		95	36 - 138
4-Bromophenyl phenyl ether	3.33	2.99		mg/Kg		90	57 - 124
4-Chloro-3-methylphenol	3.33	2.96		mg/Kg		89	57 - 113
4-Chloroaniline	3.33	2.50		mg/Kg		75	22 - 110
4-Chlorophenyl phenyl ether	3.33	2.71		mg/Kg		81	60 - 112
4-Nitroaniline	3.33	2.93		mg/Kg		88	60 - 115
4-Nitrophenol	6.67	4.46		mg/Kg		67	45 - 126
Acenaphthene	3.33	2.74		mg/Kg		82	63 - 109
Acenaphthylene	3.33	2.82		mg/Kg		84	61 - 115
Anthracene	3.33	3.12		mg/Kg		94	68 - 120
Benzo[a]anthracene	3.33	2.82		mg/Kg		85	70 - 121
Benzo[a]pyrene	3.33	2.97		mg/Kg		89	73 - 132
Benzo[b]fluoranthene	3.33	3.08		mg/Kg		92	68 - 123
Benzo[g,h,i]perylene	3.33	2.78		mg/Kg		83	65 - 126
Benzo[k]fluoranthene	3.33	2.93		mg/Kg		88	64 - 128
Bis(2-chloroethoxy)methane	3.33	2.76		mg/Kg		83	54 - 102
Bis(2-chloroethyl)ether	3.33	2.65		mg/Kg		80	49 - 99
Bis(2-ethylhexyl) phthalate	3.33	3.01		mg/Kg		90	70 - 139
Butyl benzyl phthalate	3.33	2.98		mg/Kg		89	65 - 140
Carbazole	3.33	3.14		mg/Kg		94	68 - 120
Chrysene	3.33	2.86		mg/Kg		86	70 - 123
Dibenz(a,h)anthracene	3.33	2.99		mg/Kg		90	66 - 125
Dibenzofuran	3.33	2.84		mg/Kg		85	64 - 112
Diethyl phthalate	3.33	3.00		mg/Kg		90	66 - 115
Dimethyl phthalate	3.33	2.93		mg/Kg		88	65 - 114
Di-n-butyl phthalate	3.33	3.18		mg/Kg		96	69 - 125
Di-n-octyl phthalate	3.33	3.14		mg/Kg		94	61 - 131

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: LCS 500-824905/2-A

Matrix: Solid

Analysis Batch: 824983

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824905

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoranthene	3.33	3.00		mg/Kg		90	66 - 123
Fluorene	3.33	2.82		mg/Kg		84	62 - 113
Hexachlorobenzene	3.33	3.03		mg/Kg		91	52 - 126
Hexachlorobutadiene	3.33	2.45		mg/Kg		74	42 - 103
Hexachlorocyclopentadiene	3.33	2.73		mg/Kg		82	10 - 100
Hexachloroethane	3.33	2.56		mg/Kg		77	45 - 95
Indeno[1,2,3-cd]pyrene	3.33	2.94		mg/Kg		88	66 - 131
Isophorone	3.33	2.78		mg/Kg		83	47 - 108
Naphthalene	3.33	2.53		mg/Kg		76	54 - 98
Nitrobenzene	3.33	2.85		mg/Kg		85	52 - 105
N-Nitrosodi-n-propylamine	3.33	2.91		mg/Kg		87	48 - 110
N-Nitrosodiphenylamine	3.33	3.15		mg/Kg		94	67 - 112
Pentachlorophenol	6.67	4.51		mg/Kg		68	32 - 128
Phenanthrene	3.33	3.03		mg/Kg		91	65 - 115
Phenol	3.33	2.80		mg/Kg		84	52 - 110
Pyrene	3.33	2.89		mg/Kg		87	71 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorophenol (Surr)	79		31 - 166
Phenol-d5 (Surr)	80		30 - 153
Nitrobenzene-d5 (Surr)	85		37 - 147
2-Fluorobiphenyl (Surr)	83		43 - 145
2,4,6-Tribromophenol (Surr)	81		31 - 143
Terphenyl-d14 (Surr)	90		42 - 157

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 500-824432/1-A

Matrix: Solid

Analysis Batch: 825017

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 824432

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.0		2.0	0.39	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Arsenic	<1.0		1.0	0.34	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Barium	0.269	J	1.0	0.11	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Beryllium	<0.40		0.40	0.093	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Boron	1.01	J	5.0	0.47	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Cadmium	<0.20		0.20	0.036	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Chromium	<1.0		1.0	0.50	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Cobalt	<0.50		0.50	0.13	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Copper	<1.0		1.0	0.28	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Iron	18.7	J	20	10	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Lead	<0.50		0.50	0.23	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Magnesium	<10		10	5.0	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Manganese	<1.0		1.0	0.15	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Nickel	<1.0		1.0	0.29	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Selenium	<1.0		1.0	0.59	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Silver	<0.50		0.50	0.13	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Thallium	<1.0		1.0	0.50	mg/Kg		07/03/25 08:52	07/08/25 20:40	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: MB 500-824432/1-A
Matrix: Solid
Analysis Batch: 825017

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 824432

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	<0.50		0.50	0.12	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Zinc	<2.0		2.0	0.88	mg/Kg		07/03/25 08:52	07/08/25 20:40	1

Lab Sample ID: LCS 500-824432/2-A
Matrix: Solid
Analysis Batch: 825017

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 824432

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	50.0	49.2		mg/Kg		98	80 - 120
Arsenic	10.0	9.62		mg/Kg		96	80 - 120
Barium	200	214		mg/Kg		107	80 - 120
Beryllium	5.00	4.87		mg/Kg		97	80 - 120
Boron	100	92.1		mg/Kg		92	80 - 120
Cadmium	5.00	4.85		mg/Kg		97	80 - 120
Chromium	20.0	21.1		mg/Kg		106	80 - 120
Cobalt	50.0	49.5		mg/Kg		99	80 - 120
Copper	25.0	25.4		mg/Kg		102	80 - 120
Iron	100	102		mg/Kg		102	80 - 120
Lead	10.0	10.4		mg/Kg		104	80 - 120
Magnesium	1000	970		mg/Kg		97	80 - 120
Manganese	50.0	45.1		mg/Kg		90	80 - 120
Nickel	50.0	51.2		mg/Kg		102	80 - 120
Selenium	10.0	9.09		mg/Kg		91	80 - 120
Silver	5.00	4.44		mg/Kg		89	80 - 120
Thallium	10.0	10.3		mg/Kg		103	80 - 120
Vanadium	50.0	51.1		mg/Kg		102	80 - 120
Zinc	50.0	52.1		mg/Kg		104	80 - 120

Lab Sample ID: 500-270891-1 MS
Matrix: Solid
Analysis Batch: 825017

Client Sample ID: 3055V-179-B01 (0-1)
Prep Type: Total/NA
Prep Batch: 824432

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<1.2	F1	30.7	7.28	F1	mg/Kg	⊛	24	75 - 125
Arsenic	5.8		6.15	11.4		mg/Kg	⊛	92	75 - 125
Barium	51	B	123	168		mg/Kg	⊛	95	75 - 125
Beryllium	0.75		3.07	3.32		mg/Kg	⊛	84	75 - 125
Boron	18	B	61.5	66.8		mg/Kg	⊛	80	75 - 125
Cadmium	0.24	F1	3.07	2.49	F1	mg/Kg	⊛	73	75 - 125
Chromium	24	F1	12.3	40.0	F1	mg/Kg	⊛	127	75 - 125
Cobalt	14		30.7	44.9		mg/Kg	⊛	102	75 - 125
Copper	31	F2 F1	15.4	45.1		mg/Kg	⊛	89	75 - 125
Iron	19000	B	61.5	22300	4	mg/Kg	⊛	4799	75 - 125
Lead	47	F2	6.15	41.5	4	mg/Kg	⊛	-85	75 - 125
Magnesium	9400		615	9640	4	mg/Kg	⊛	38	75 - 125
Manganese	210		30.7	195	4	mg/Kg	⊛	-60	75 - 125
Nickel	41		30.7	75.0		mg/Kg	⊛	111	75 - 125
Selenium	<0.58	F1	6.15	4.28	F1	mg/Kg	⊛	70	75 - 125
Silver	<0.29	F1	3.07	1.87	F1	mg/Kg	⊛	61	75 - 125

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: 500-270891-1 MS

Matrix: Solid

Analysis Batch: 825017

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: Total/NA

Prep Batch: 824432

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Thallium	0.81		6.15	6.78		mg/Kg	⊛	97	75 - 125
Vanadium	28		30.7	61.6		mg/Kg	⊛	111	75 - 125
Zinc	79	F1	30.7	117		mg/Kg	⊛	123	75 - 125

Lab Sample ID: 500-270891-1 MSD

Matrix: Solid

Analysis Batch: 825017

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: Total/NA

Prep Batch: 824432

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<1.2	F1	29.9	7.32	F1	mg/Kg	⊛	24	75 - 125	1	20
Arsenic	5.8		5.98	10.9		mg/Kg	⊛	85	75 - 125	5	20
Barium	51	B	120	166		mg/Kg	⊛	96	75 - 125	1	20
Beryllium	0.75		2.99	3.32		mg/Kg	⊛	86	75 - 125	0	20
Boron	18	B	59.8	67.0		mg/Kg	⊛	82	75 - 125	0	20
Cadmium	0.24	F1	2.99	2.49		mg/Kg	⊛	75	75 - 125	0	20
Chromium	24	F1	12.0	39.3		mg/Kg	⊛	124	75 - 125	2	20
Cobalt	14		29.9	43.9		mg/Kg	⊛	101	75 - 125	2	20
Copper	31	F2 F1	15.0	56.4	F1 F2	mg/Kg	⊛	167	75 - 125	22	20
Iron	19000	B	59.8	21500	4	mg/Kg	⊛	3622	75 - 125	4	20
Lead	47	F2	5.98	111	4 F2	mg/Kg	⊛	1068	75 - 125	91	20
Magnesium	9400		598	9150	4	mg/Kg	⊛	-42	75 - 125	5	20
Manganese	210		29.9	186	4	mg/Kg	⊛	-90	75 - 125	5	20
Nickel	41		29.9	72.3		mg/Kg	⊛	105	75 - 125	4	20
Selenium	<0.58	F1	5.98	4.11	F1	mg/Kg	⊛	69	75 - 125	4	20
Silver	<0.29	F1	2.99	1.91	F1	mg/Kg	⊛	64	75 - 125	2	20
Thallium	0.81		5.98	6.35		mg/Kg	⊛	93	75 - 125	7	20
Vanadium	28		29.9	59.0		mg/Kg	⊛	105	75 - 125	4	20
Zinc	79	F1	29.9	135	F1	mg/Kg	⊛	186	75 - 125	14	20

Lab Sample ID: 500-270891-1 DU

Matrix: Solid

Analysis Batch: 825017

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: Total/NA

Prep Batch: 824432

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<1.2	F1	<1.2		mg/Kg	⊛	NC	20
Arsenic	5.8		4.54	F3	mg/Kg	⊛	24	20
Barium	51	B	55.4		mg/Kg	⊛	8	20
Beryllium	0.75		0.677		mg/Kg	⊛	10	20
Boron	18	B	19.0		mg/Kg	⊛	6	20
Cadmium	0.24	F1	0.137	F5	mg/Kg	⊛	55	20
Chromium	24	F1	26.6		mg/Kg	⊛	9	20
Cobalt	14		14.0		mg/Kg	⊛	2	20
Copper	31	F2 F1	25.3	F3	mg/Kg	⊛	22	20
Iron	19000	B	20000		mg/Kg	⊛	3	20
Lead	47	F2	14.6	F3	mg/Kg	⊛	105	20
Magnesium	9400		9360		mg/Kg	⊛	0.5	20
Manganese	210		178		mg/Kg	⊛	18	20
Nickel	41		42.3		mg/Kg	⊛	3	20
Selenium	<0.58	F1	<0.58		mg/Kg	⊛	NC	20

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: 500-270891-1 DU

Matrix: Solid

Analysis Batch: 825017

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: Total/NA

Prep Batch: 824432

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Silver	<0.29	F1	<0.29		mg/Kg	✖	NC	20
Thallium	0.81		0.854		mg/Kg	✖	6	20
Vanadium	28		27.6		mg/Kg	✖	0.4	20
Zinc	79	F1	75.8		mg/Kg	✖	5	20

Lab Sample ID: LCS 500-824919/16-A

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824919

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.0900		mg/L		90	80 - 120
Barium	0.500	0.482		mg/L		96	80 - 120
Beryllium	0.0500	0.0476		mg/L		95	80 - 120
Boron	1.00	0.894		mg/L		89	80 - 120
Cadmium	0.0500	0.0478		mg/L		96	80 - 120
Chromium	0.200	0.185		mg/L		93	80 - 120
Cobalt	0.500	0.490		mg/L		98	80 - 120
Copper	0.250	0.228		mg/L		91	80 - 120
Iron	1.00	0.970		mg/L		97	80 - 120
Lead	0.100	0.101		mg/L		101	80 - 120
Manganese	0.500	0.476		mg/L		95	80 - 120
Nickel	0.500	0.495		mg/L		99	80 - 120
Selenium	0.100	0.0962		mg/L		96	80 - 120
Silver	0.0500	0.0462		mg/L		92	80 - 120
Vanadium	0.500	0.445		mg/L		89	80 - 120
Zinc	0.500	0.470	J	mg/L		94	80 - 120

Lab Sample ID: LCS 500-824919/2-A

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824919

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.0935		mg/L		94	80 - 120
Barium	0.500	0.481		mg/L		96	80 - 120
Beryllium	0.0500	0.0482		mg/L		96	80 - 120
Cadmium	0.0500	0.0506		mg/L		101	80 - 120
Chromium	0.200	0.200		mg/L		100	80 - 120
Cobalt	0.500	0.518		mg/L		104	80 - 120
Copper	0.250	0.275		mg/L		110	80 - 120
Iron	1.00	0.952		mg/L		95	80 - 120
Lead	0.100	0.100		mg/L		100	80 - 120
Manganese	0.500	0.474		mg/L		95	80 - 120
Nickel	0.500	0.519		mg/L		104	80 - 120
Selenium	0.100	0.106		mg/L		106	80 - 120
Silver	0.0500	0.0528		mg/L		106	80 - 120
Vanadium	0.500	0.546		mg/L		109	80 - 120
Zinc	0.500	0.539		mg/L		108	80 - 120

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: LCS 500-824919/2-A

Matrix: Solid

Analysis Batch: 825354

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824919

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.991		mg/L		99	80 - 120

Lab Sample ID: LCS 500-824920/2-A

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824920

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	0.0500	0.0485		mg/L		97	80 - 120
Iron	1.00	0.944		mg/L		94	80 - 120
Lead	0.100	0.103		mg/L		103	80 - 120
Manganese	0.500	0.480		mg/L		96	80 - 120
Nickel	0.500	0.504		mg/L		101	80 - 120

Lab Sample ID: LCS 500-825103/2-A

Matrix: Solid

Analysis Batch: 825353

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 825103

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.103		mg/L		103	80 - 120
Barium	0.500	0.505		mg/L		101	80 - 120
Beryllium	0.0500	0.0531		mg/L		106	80 - 120
Boron	1.00	0.997		mg/L		100	80 - 120
Cadmium	0.0500	0.0496		mg/L		99	80 - 120
Chromium	0.200	0.203		mg/L		102	80 - 120
Cobalt	0.500	0.527		mg/L		105	80 - 120
Copper	0.250	0.246		mg/L		98	80 - 120
Iron	1.00	1.01		mg/L		101	80 - 120
Lead	0.100	0.109		mg/L		109	80 - 120
Manganese	0.500	0.503		mg/L		101	80 - 120
Nickel	0.500	0.524		mg/L		105	80 - 120
Selenium	0.100	0.0914		mg/L		91	80 - 120
Silver	0.0500	0.0496		mg/L		99	80 - 120
Vanadium	0.500	0.501		mg/L		100	80 - 120
Zinc	0.500	0.498	J	mg/L		100	80 - 120

Lab Sample ID: LCS 500-825298/2-A

Matrix: Solid

Analysis Batch: 825584

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 825298

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.104		mg/L		104	80 - 120
Barium	0.500	0.492		mg/L		98	80 - 120
Beryllium	0.0500	0.0499		mg/L		100	80 - 120
Boron	1.00	0.934		mg/L		93	80 - 120
Cadmium	0.0500	0.0493		mg/L		99	80 - 120
Chromium	0.200	0.199		mg/L		100	80 - 120
Cobalt	0.500	0.534		mg/L		107	80 - 120
Copper	0.250	0.245		mg/L		98	80 - 120
Iron	1.00	1.04		mg/L		104	80 - 120

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: LCS 500-825298/2-A

Matrix: Solid

Analysis Batch: 825584

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 825298

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
	Added	Result	Qualifier				Limits
Lead	0.100	0.108		mg/L		108	80 - 120
Manganese	0.500	0.477		mg/L		95	80 - 120
Nickel	0.500	0.515		mg/L		103	80 - 120
Selenium	0.100	0.107		mg/L		107	80 - 120
Silver	0.0500	0.0516		mg/L		103	80 - 120
Vanadium	0.500	0.506		mg/L		101	80 - 120
Zinc	0.500	0.550		mg/L		110	80 - 120

Lab Sample ID: LCS 500-825300/2-A

Matrix: Solid

Analysis Batch: 825582

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 825300

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
	Added	Result	Qualifier				Limits
Cadmium	0.0500	0.0470		mg/L		94	80 - 120
Iron	1.00	0.939		mg/L		94	80 - 120
Lead	0.100	0.101		mg/L		101	80 - 120
Manganese	0.500	0.542		mg/L		108	80 - 120
Nickel	0.500	0.476		mg/L		95	80 - 120

Lab Sample ID: LCS 500-825322/2-A

Matrix: Solid

Analysis Batch: 825582

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 825322

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
	Added	Result	Qualifier				Limits
Cadmium	0.0500	0.0474		mg/L		95	80 - 120
Iron	1.00	0.915		mg/L		91	80 - 120
Lead	0.100	0.101		mg/L		101	80 - 120
Manganese	0.500	0.469		mg/L		94	80 - 120
Nickel	0.500	0.466		mg/L		93	80 - 120

Lab Sample ID: LB 500-824709/1-B

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 824919

Analyte	LB LB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Arsenic	0.00661	J	0.010	0.0037	mg/L		07/08/25 15:05	07/09/25 18:39	1
Barium	0.00147	J	0.010	0.0012	mg/L		07/08/25 15:05	07/09/25 18:39	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		07/08/25 15:05	07/09/25 18:39	1
Cadmium	0.000658	J	0.0050	0.00043	mg/L		07/08/25 15:05	07/09/25 18:39	1
Chromium	0.00287	J	0.010	0.0017	mg/L		07/08/25 15:05	07/09/25 18:39	1
Cobalt	0.00103	J	0.0050	0.00078	mg/L		07/08/25 15:05	07/09/25 18:39	1
Copper	0.00196	J	0.010	0.0018	mg/L		07/08/25 15:05	07/09/25 18:39	1
Iron	<0.40		0.40	0.082	mg/L		07/08/25 15:05	07/09/25 18:39	1
Lead	<0.0075		0.0075	0.0027	mg/L		07/08/25 15:05	07/09/25 18:39	1
Manganese	<0.010		0.010	0.0023	mg/L		07/08/25 15:05	07/09/25 18:39	1
Nickel	<0.010		0.010	0.0048	mg/L		07/08/25 15:05	07/09/25 18:39	1
Selenium	<0.050		0.050	0.0053	mg/L		07/08/25 15:05	07/09/25 18:39	1
Silver	<0.0050		0.0050	0.0015	mg/L		07/08/25 15:05	07/09/25 18:39	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		07/08/25 15:05	07/09/25 18:39	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: LB 500-824709/1-B

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 824919

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	<0.50		0.50	0.0050	mg/L		07/08/25 15:05	07/09/25 18:39	1

Lab Sample ID: LB 500-824709/1-B

Matrix: Solid

Analysis Batch: 825354

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 824919

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.50		0.50	0.0056	mg/L		07/08/25 15:05	07/10/25 15:03	1

Lab Sample ID: LB2 500-824736/1-B

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 824919

Analyte	LB2 Result	LB2 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00509	J	0.010	0.0037	mg/L		07/08/25 15:05	07/09/25 19:59	1
Barium	<0.010		0.010	0.0012	mg/L		07/08/25 15:05	07/09/25 19:59	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		07/08/25 15:05	07/09/25 19:59	1
Boron	0.0216	J	0.50	0.0056	mg/L		07/08/25 15:05	07/09/25 19:59	1
Cadmium	<0.0050		0.0050	0.00043	mg/L		07/08/25 15:05	07/09/25 19:59	1
Chromium	<0.010		0.010	0.0017	mg/L		07/08/25 15:05	07/09/25 19:59	1
Cobalt	<0.0050		0.0050	0.00078	mg/L		07/08/25 15:05	07/09/25 19:59	1
Copper	<0.010		0.010	0.0018	mg/L		07/08/25 15:05	07/09/25 19:59	1
Iron	<0.40		0.40	0.082	mg/L		07/08/25 15:05	07/09/25 19:59	1
Lead	<0.0075		0.0075	0.0027	mg/L		07/08/25 15:05	07/09/25 19:59	1
Manganese	<0.010		0.010	0.0023	mg/L		07/08/25 15:05	07/09/25 19:59	1
Nickel	<0.010		0.010	0.0048	mg/L		07/08/25 15:05	07/09/25 19:59	1
Selenium	<0.050		0.050	0.0053	mg/L		07/08/25 15:05	07/09/25 19:59	1
Silver	<0.0050		0.0050	0.0015	mg/L		07/08/25 15:05	07/09/25 19:59	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		07/08/25 15:05	07/09/25 19:59	1
Zinc	<0.50		0.50	0.0050	mg/L		07/08/25 15:05	07/09/25 19:59	1

Lab Sample ID: 500-270891-1 MS

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: TCLP

Prep Batch: 824919

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.017	B	0.100	0.106		mg/L		89	75 - 125
Barium	0.34	B	0.500	0.818		mg/L		95	75 - 125
Beryllium	<0.0040		0.0500	0.0474		mg/L		95	75 - 125
Cadmium	0.0029	J B	0.0500	0.0515		mg/L		97	75 - 125
Chromium	0.0032	J B	0.200	0.177		mg/L		87	75 - 125
Cobalt	0.0012	J B	0.500	0.493		mg/L		98	75 - 125
Copper	<0.010		0.250	0.227		mg/L		91	75 - 125
Iron	<0.40		1.00	0.985		mg/L		99	75 - 125
Lead	0.0059	J	0.100	0.109		mg/L		103	75 - 125
Manganese	1.8		0.500	2.25		mg/L		96	75 - 125
Nickel	0.0054	J	0.500	0.494		mg/L		98	75 - 125
Selenium	0.012	J	0.100	0.104		mg/L		93	75 - 125
Silver	<0.0050		0.0500	0.0513		mg/L		103	75 - 125

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: 500-270891-1 MS

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: TCLP

Prep Batch: 824919

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Vanadium	<0.0050		0.500	0.438		mg/L		88	75 - 125
Zinc	0.0051	J	0.500	0.495	J	mg/L		98	75 - 125

Lab Sample ID: 500-270891-1 MS

Matrix: Solid

Analysis Batch: 825354

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: TCLP

Prep Batch: 824919

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	<2.5		1.00	1.12	J	mg/L		112	75 - 125

Lab Sample ID: 500-270891-1 DU

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: TCLP

Prep Batch: 824919

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Arsenic	0.017	B	0.00754	J F5	mg/L		76	20
Barium	0.34	B	0.340		mg/L		1	20
Beryllium	<0.0040		<0.0040		mg/L		NC	20
Cadmium	0.0029	J B	0.00257	J	mg/L		11	20
Chromium	0.0032	J B	0.00358	J	mg/L		10	20
Cobalt	0.0012	J B	0.00223	J F5	mg/L		57	20
Copper	<0.010		0.00183	J	mg/L		NC	20
Iron	<0.40		<0.40		mg/L		NC	20
Lead	0.0059	J	0.00415	J F5	mg/L		34	20
Manganese	1.8		1.75		mg/L		1	20
Nickel	0.0054	J	0.00776	J F5	mg/L		35	20
Selenium	0.012	J	0.0138	J	mg/L		16	20
Silver	<0.0050		<0.0050		mg/L		NC	20
Vanadium	<0.0050		0.00161	J	mg/L		NC	20
Zinc	0.0051	J	0.00547	J	mg/L		8	20

Lab Sample ID: 500-270891-1 DU

Matrix: Solid

Analysis Batch: 825354

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: TCLP

Prep Batch: 824919

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Boron	<2.5		<2.5		mg/L		NC	20

Lab Sample ID: LB 500-824870/1-B

Matrix: Solid

Analysis Batch: 825353

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 825103

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.010	0.0037	mg/L		07/09/25 13:42	07/10/25 12:49	1
Barium	0.00202	J	0.010	0.0012	mg/L		07/09/25 13:42	07/10/25 12:49	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		07/09/25 13:42	07/10/25 12:49	1
Boron	<0.50		0.50	0.0056	mg/L		07/09/25 13:42	07/10/25 12:49	1
Cadmium	<0.0050		0.0050	0.00043	mg/L		07/09/25 13:42	07/10/25 12:49	1
Chromium	0.00256	J	0.010	0.0017	mg/L		07/09/25 13:42	07/10/25 12:49	1
Cobalt	<0.0050		0.0050	0.00078	mg/L		07/09/25 13:42	07/10/25 12:49	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: LB 500-824870/1-B

Matrix: Solid

Analysis Batch: 825353

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 825103

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	<0.010		0.010	0.0018	mg/L		07/09/25 13:42	07/10/25 12:49	1
Iron	<0.40		0.40	0.082	mg/L		07/09/25 13:42	07/10/25 12:49	1
Lead	<0.0075		0.0075	0.0027	mg/L		07/09/25 13:42	07/10/25 12:49	1
Manganese	<0.010		0.010	0.0023	mg/L		07/09/25 13:42	07/10/25 12:49	1
Nickel	<0.010		0.010	0.0048	mg/L		07/09/25 13:42	07/10/25 12:49	1
Selenium	0.0143	J	0.050	0.0053	mg/L		07/09/25 13:42	07/10/25 12:49	1
Silver	<0.0050		0.0050	0.0015	mg/L		07/09/25 13:42	07/10/25 12:49	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		07/09/25 13:42	07/10/25 12:49	1
Zinc	<0.50		0.50	0.0050	mg/L		07/09/25 13:42	07/10/25 12:49	1

Lab Sample ID: LB 500-825006/1-B

Matrix: Solid

Analysis Batch: 825584

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 825298

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.010	0.0037	mg/L		07/10/25 13:24	07/11/25 15:29	1
Barium	0.00264	J	0.010	0.0012	mg/L		07/10/25 13:24	07/11/25 15:29	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		07/10/25 13:24	07/11/25 15:29	1
Boron	<0.50		0.50	0.0056	mg/L		07/10/25 13:24	07/11/25 15:29	1
Cadmium	<0.0050		0.0050	0.00043	mg/L		07/10/25 13:24	07/11/25 15:29	1
Chromium	0.00224	J	0.010	0.0017	mg/L		07/10/25 13:24	07/11/25 15:29	1
Cobalt	<0.0050		0.0050	0.00078	mg/L		07/10/25 13:24	07/11/25 15:29	1
Copper	<0.010		0.010	0.0018	mg/L		07/10/25 13:24	07/11/25 15:29	1
Iron	<0.40		0.40	0.082	mg/L		07/10/25 13:24	07/11/25 15:29	1
Lead	<0.0075		0.0075	0.0027	mg/L		07/10/25 13:24	07/11/25 15:29	1
Manganese	<0.010		0.010	0.0023	mg/L		07/10/25 13:24	07/11/25 15:29	1
Nickel	<0.010		0.010	0.0048	mg/L		07/10/25 13:24	07/11/25 15:29	1
Selenium	<0.050		0.050	0.0053	mg/L		07/10/25 13:24	07/11/25 15:29	1
Silver	<0.0050		0.0050	0.0015	mg/L		07/10/25 13:24	07/11/25 15:29	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		07/10/25 13:24	07/11/25 15:29	1
Zinc	0.00556	J	0.50	0.0050	mg/L		07/10/25 13:24	07/11/25 15:29	1

Lab Sample ID: 500-270891-20 MS

Matrix: Solid

Analysis Batch: 825584

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: TCLP

Prep Batch: 825298

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.0047	J	0.100	0.109		mg/L		104	75 - 125
Barium	0.58	B	0.500	1.10		mg/L		104	75 - 125
Beryllium	<0.0040		0.0500	0.0504		mg/L		101	75 - 125
Cadmium	0.0022	J	0.0500	0.0525		mg/L		101	75 - 125
Chromium	<0.010		0.200	0.190		mg/L		95	75 - 125
Cobalt	0.011		0.500	0.544		mg/L		107	75 - 125
Copper	0.0023	J	0.250	0.245		mg/L		97	75 - 125
Iron	<0.40		1.00	1.12		mg/L		112	75 - 125
Lead	0.041		0.100	0.147		mg/L		107	75 - 125
Manganese	1.7		0.500	2.24		mg/L		115	75 - 125
Nickel	0.012		0.500	0.521		mg/L		102	75 - 125
Selenium	<0.050		0.100	0.0983		mg/L		98	75 - 125

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: 500-270891-20 MS

Matrix: Solid

Analysis Batch: 825584

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: TCLP

Prep Batch: 825298

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	<0.0050		0.0500	0.0513		mg/L		103	75 - 125
Vanadium	0.0021	J	0.500	0.496		mg/L		99	75 - 125
Zinc	0.090	J B	0.500	0.604		mg/L		103	75 - 125

Lab Sample ID: 500-270891-20 MS

Matrix: Solid

Analysis Batch: 825794

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: TCLP

Prep Batch: 825298

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.042	J	1.00	1.17	J	mg/L		112	75 - 125

Lab Sample ID: 500-270891-20 DU

Matrix: Solid

Analysis Batch: 825584

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: TCLP

Prep Batch: 825298

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Arsenic	0.0047	J	0.00372	J F5	mg/L		23	20
Barium	0.58	B	0.582		mg/L		0.7	20
Beryllium	<0.0040		<0.0040		mg/L		NC	20
Cadmium	0.0022	J	0.00233	J	mg/L		4	20
Chromium	<0.010		<0.010		mg/L		NC	20
Cobalt	0.011		0.0112		mg/L		2	20
Copper	0.0023	J	0.00232	J	mg/L		3	20
Iron	<0.40		0.141	J	mg/L		NC	20
Lead	0.041		0.0413		mg/L		2	20
Manganese	1.7		1.69		mg/L		1	20
Nickel	0.012		0.0115		mg/L		3	20
Selenium	<0.050		<0.050		mg/L		NC	20
Silver	<0.0050		<0.0050		mg/L		NC	20
Vanadium	0.0021	J	0.00198	J	mg/L		7	20
Zinc	0.090	J B	0.0911	J	mg/L		2	20

Lab Sample ID: 500-270891-20 DU

Matrix: Solid

Analysis Batch: 825794

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: TCLP

Prep Batch: 825298

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Boron	0.042	J	0.0386	J	mg/L		9	20

Lab Sample ID: LB 500-824710/1-B

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: Method Blank

Prep Type: SPLP East

Prep Batch: 824920

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	<0.0020		0.0020	0.00043	mg/L		07/08/25 15:25	07/09/25 20:41	1
Iron	<0.20		0.20	0.082	mg/L		07/08/25 15:25	07/09/25 20:41	1
Lead	<0.0075		0.0075	0.0027	mg/L		07/08/25 15:25	07/09/25 20:41	1
Manganese	<0.010		0.010	0.0023	mg/L		07/08/25 15:25	07/09/25 20:41	1
Nickel	<0.010		0.010	0.0048	mg/L		07/08/25 15:25	07/09/25 20:41	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: 500-270891-1 MS

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: SPLP East

Prep Batch: 824920

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	200		1.00	201	4	mg/L		577	75 - 125
Lead	0.17		0.100	0.276		mg/L		103	75 - 125
Manganese	0.55		0.500	0.988		mg/L		88	75 - 125

Lab Sample ID: 500-270891-1 DU

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: SPLP East

Prep Batch: 824920

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Iron	200		198		mg/L		1	20
Lead	0.17		0.173		mg/L		0.07	20
Manganese	0.55		0.561		mg/L		2	20

Lab Sample ID: LB 500-824871/1-C

Matrix: Solid

Analysis Batch: 825582

Client Sample ID: Method Blank

Prep Type: SPLP East

Prep Batch: 825300

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	<0.0020		0.0020	0.00043	mg/L		07/10/25 13:29	07/11/25 12:12	1
Iron	<0.20		0.20	0.082	mg/L		07/10/25 13:29	07/11/25 12:12	1
Lead	<0.0075		0.0075	0.0027	mg/L		07/10/25 13:29	07/11/25 12:12	1
Manganese	<0.010		0.010	0.0023	mg/L		07/10/25 13:29	07/11/25 12:12	1
Nickel	<0.010		0.010	0.0048	mg/L		07/10/25 13:29	07/11/25 12:12	1

Lab Sample ID: LB 500-825016/1-B

Matrix: Solid

Analysis Batch: 825582

Client Sample ID: Method Blank

Prep Type: SPLP East

Prep Batch: 825322

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	<0.0020		0.0020	0.00043	mg/L		07/10/25 14:46	07/11/25 22:37	1
Iron	<0.20		0.20	0.082	mg/L		07/10/25 14:46	07/11/25 22:37	1
Lead	<0.0075		0.0075	0.0027	mg/L		07/10/25 14:46	07/11/25 22:37	1
Manganese	0.00662	J	0.010	0.0023	mg/L		07/10/25 14:46	07/11/25 22:37	1
Nickel	<0.010		0.010	0.0048	mg/L		07/10/25 14:46	07/11/25 22:37	1

Lab Sample ID: 500-270891-20 MS

Matrix: Solid

Analysis Batch: 825582

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: SPLP East

Prep Batch: 825322

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	220		1.00	243	4	mg/L		2121	75 - 125
Lead	0.49		0.100	0.627	4	mg/L		137	75 - 125
Manganese	0.73	B	0.500	1.23	B	mg/L		100	75 - 125

Lab Sample ID: 500-270891-20 DU

Matrix: Solid

Analysis Batch: 825582

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: SPLP East

Prep Batch: 825322

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Cadmium	0.0010	J	0.000909	J	mg/L		11	20

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: 500-270891-20 DU

Matrix: Solid

Analysis Batch: 825582

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: SPLP East

Prep Batch: 825322

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Iron	220		226		mg/L		2	20
Lead	0.49		0.492		mg/L		0.5	20
Manganese	0.73	B	0.739	B	mg/L		2	20
Nickel	0.29		0.289		mg/L		1	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: LCS 500-824919/16-A

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824919

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.514		mg/L		103	80 - 120
Thallium	0.100	0.104		mg/L		104	80 - 120

Lab Sample ID: LCS 500-824919/2-A

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824919

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.532		mg/L		106	80 - 120
Thallium	0.100	0.107		mg/L		107	80 - 120

Lab Sample ID: LCS 500-825103/2-A

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 825103

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.523		mg/L		105	80 - 120
Thallium	0.100	0.106		mg/L		106	80 - 120

Lab Sample ID: LCS 500-825298/2-A

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 825298

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.574		mg/L		115	80 - 120
Thallium	0.100	0.110		mg/L		110	80 - 120

Lab Sample ID: LB 500-824709/1-B

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 824919

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0060	mg/L		07/08/25 15:05	07/14/25 14:55	1
Thallium	<0.0020		0.0020	0.0020	mg/L		07/08/25 15:05	07/14/25 14:55	1

Eurofins Chicago

QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LB2 500-824736/1-B

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 824919

Analyte	LB2 Result	LB2 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0060	mg/L		07/08/25 15:05	07/14/25 16:12	1
Thallium	<0.0020		0.0020	0.0020	mg/L		07/08/25 15:05	07/14/25 16:12	1

Lab Sample ID: 500-270891-1 MS

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: TCLP

Prep Batch: 824919

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0060		0.500	0.539		mg/L		108	75 - 125
Thallium	<0.0020		0.100	0.105		mg/L		105	75 - 125

Lab Sample ID: 500-270891-1 DU

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: TCLP

Prep Batch: 824919

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<0.0060		<0.0060		mg/L		NC	20
Thallium	<0.0020		<0.0020		mg/L		NC	20

Lab Sample ID: LB 500-824870/1-B

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 825103

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0060	mg/L		07/09/25 13:42	07/14/25 16:49	1
Thallium	<0.0020		0.0020	0.0020	mg/L		07/09/25 13:42	07/14/25 16:49	1

Lab Sample ID: LB 500-825006/1-B

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 825298

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0060	mg/L		07/10/25 13:24	07/14/25 17:13	1
Thallium	<0.0020		0.0020	0.0020	mg/L		07/10/25 13:24	07/14/25 17:13	1

Lab Sample ID: 500-270891-20 MS

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: TCLP

Prep Batch: 825298

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0060		0.500	0.556		mg/L		111	75 - 125
Thallium	<0.0020		0.100	0.106		mg/L		106	75 - 125

Lab Sample ID: 500-270891-20 DU

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: TCLP

Prep Batch: 825298

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<0.0060		<0.0060		mg/L		NC	20
Thallium	<0.0020		<0.0020		mg/L		NC	20

Eurofins Chicago

QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Method: 7470A - Mercury

Lab Sample ID: MB 500-825055/12-A
Matrix: Solid
Analysis Batch: 825265

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 825055

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/25 11:20	07/10/25 09:20	1

Lab Sample ID: LCS 500-825055/14-A
Matrix: Solid
Analysis Batch: 825265

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 825055

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00202		mg/L		101	80 - 120

Lab Sample ID: LCS 500-825055/30-A
Matrix: Solid
Analysis Batch: 825265

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 825055

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00197		mg/L		99	80 - 120

Lab Sample ID: MB 500-825271/12-A
Matrix: Solid
Analysis Batch: 825455

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 825271

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/10/25 10:35	07/11/25 10:22	1

Lab Sample ID: LCS 500-825271/14-A
Matrix: Solid
Analysis Batch: 825455

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 825271

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00202		mg/L		101	80 - 120

Lab Sample ID: MB 500-825664/12-A
Matrix: Solid
Analysis Batch: 825842

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 825664

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/14/25 10:25	07/15/25 08:56	1

Lab Sample ID: LCS 500-825664/14-A
Matrix: Solid
Analysis Batch: 825842

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 825664

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00186		mg/L		93	80 - 120

Lab Sample ID: LB 500-824709/1-C
Matrix: Solid
Analysis Batch: 825265

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 825055

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/25 11:20	07/10/25 09:22	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Method: 7470A - Mercury

Lab Sample ID: LB2 500-824736/1-C

Matrix: Solid

Analysis Batch: 825265

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 825055

Analyte	LB2 Result	LB2 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/25 11:20	07/10/25 10:01	1

Lab Sample ID: 500-270891-1 MS

Matrix: Solid

Analysis Batch: 825265

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: TCLP

Prep Batch: 825055

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00020		0.000999	0.000971		mg/L		97	75 - 125

Lab Sample ID: 500-270891-1 DU

Matrix: Solid

Analysis Batch: 825265

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: TCLP

Prep Batch: 825055

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	<0.00020		<0.00020		mg/L		NC	20

Lab Sample ID: LB 500-824870/1-C

Matrix: Solid

Analysis Batch: 825455

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 825271

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/10/25 10:35	07/11/25 10:39	1

Lab Sample ID: LB 500-825006/1-C

Matrix: Solid

Analysis Batch: 825842

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 825664

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/14/25 10:25	07/15/25 08:58	1

Lab Sample ID: 500-270891-20 MS

Matrix: Solid

Analysis Batch: 825842

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: TCLP

Prep Batch: 825664

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00020		0.000999	0.000969		mg/L		97	75 - 125

Lab Sample ID: 500-270891-20 DU

Matrix: Solid

Analysis Batch: 825842

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: TCLP

Prep Batch: 825664

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	<0.00020		<0.00020		mg/L		NC	20

QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 500-825301/12-A
Matrix: Solid
Analysis Batch: 825473

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 825301

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.017		0.017	0.0069	mg/Kg		07/10/25 15:15	07/11/25 11:02	1

Lab Sample ID: LCS 500-825301/13-A
Matrix: Solid
Analysis Batch: 825473

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 825301

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.167	0.155		mg/Kg		93	80 - 120

Lab Sample ID: 500-270891-11 MS
Matrix: Solid
Analysis Batch: 825473

Client Sample ID: 3055V-01-B02 (10-15)
Prep Type: Total/NA
Prep Batch: 825301

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.021		0.0929	0.120		mg/Kg	✱	107	75 - 125

Lab Sample ID: 500-270891-11 MSD
Matrix: Solid
Analysis Batch: 825473

Client Sample ID: 3055V-01-B02 (10-15)
Prep Type: Total/NA
Prep Batch: 825301

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.021		0.0916	0.119		mg/Kg	✱	107	75 - 125	1	20

Lab Sample ID: 500-270891-11 DU
Matrix: Solid
Analysis Batch: 825473

Client Sample ID: 3055V-01-B02 (10-15)
Prep Type: Total/NA
Prep Batch: 825301

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.021		0.0216		mg/Kg	✱	3	20

Method: 9012B - Cyanide, Total and/or Amenable

Lab Sample ID: MB 500-824575/1-A
Matrix: Solid
Analysis Batch: 824731

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 824575

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.24		0.24	0.12	mg/Kg		07/06/25 12:53	07/07/25 11:17	1

Lab Sample ID: LCS 500-824575/2-A
Matrix: Solid
Analysis Batch: 824731

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 824575

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	2.40	2.50		mg/Kg		104	85 - 115

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Method: 9012B - Cyanide, Total and/or Amenable (Continued)

Lab Sample ID: 500-270891-5 MS

Matrix: Solid

Analysis Batch: 824731

Client Sample ID: 3055V-01-B01 (0-5)

Prep Type: Total/NA

Prep Batch: 824575

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Cyanide, Total	<0.27		2.89	2.80		mg/Kg	✱	97	75 - 125	

Lab Sample ID: 500-270891-5 MSD

Matrix: Solid

Analysis Batch: 824731

Client Sample ID: 3055V-01-B01 (0-5)

Prep Type: Total/NA

Prep Batch: 824575

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	<0.27		2.79	2.82		mg/Kg	✱	101	75 - 125	1	20

Lab Sample ID: 500-270891-12 MS

Matrix: Solid

Analysis Batch: 824731

Client Sample ID: 3055V-01-B02 (10-15)D

Prep Type: Total/NA

Prep Batch: 824575

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Cyanide, Total	<0.26	F1	2.58	2.06		mg/Kg	✱	80	75 - 125	

Lab Sample ID: 500-270891-12 MSD

Matrix: Solid

Analysis Batch: 824731

Client Sample ID: 3055V-01-B02 (10-15)D

Prep Type: Total/NA

Prep Batch: 824575

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	<0.26	F1	2.59	1.74	F1	mg/Kg	✱	67	75 - 125	17	20

Lab Sample ID: MB 500-824706/1-A

Matrix: Solid

Analysis Batch: 824754

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 824706

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.24		0.24	0.12	mg/Kg		07/07/25 14:55	07/07/25 17:16	1

Lab Sample ID: LCS 500-824706/2-A

Matrix: Solid

Analysis Batch: 824754

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824706

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Cyanide, Total	2.40	2.50		mg/Kg		104	85 - 115	

Method: 9045D - pH

Lab Sample ID: 500-270891-10 DU

Matrix: Solid

Analysis Batch: 824296

Client Sample ID: 3055V-01-B02 (5-10)

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	9.1		9.2		SU		0.7	5

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-179-B01 (0-1)

Lab Sample ID: 500-270891-1

Date Collected: 06/30/25 10:15

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 20:50
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825354	S1Z	EET CHI	07/10/25 15:24
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 18:48
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 15:11
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 09:31
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 10:45
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-179-B01 (0-1)

Lab Sample ID: 500-270891-1

Date Collected: 06/30/25 10:15

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 80.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824184	MM	EET CHI	07/02/25 17:55
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 17:56
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 20:49
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:05
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:17

Client Sample ID: 3055V-181-B01 (0-2)

Lab Sample ID: 500-270891-2

Date Collected: 06/30/25 10:40

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 21:16
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825354	S1Z	EET CHI	07/10/25 15:41

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Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-181-B01 (0-2)

Lab Sample ID: 500-270891-2

Date Collected: 06/30/25 10:40

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 19:07
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 15:28
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 09:37
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 10:47
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-181-B01 (0-2)

Lab Sample ID: 500-270891-2

Date Collected: 06/30/25 10:40

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 80.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824184	MM	EET CHI	07/02/25 18:21
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 16:43
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 21:20
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:08
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:19

Client Sample ID: 3055V-200-B01 (0-2)

Lab Sample ID: 500-270891-3

Date Collected: 06/30/25 11:15

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 21:21
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825416	S1Z	EET CHI	07/10/25 20:59
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 20:08
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 16:20

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-200-B01 (0-2)

Lab Sample ID: 500-270891-3

Date Collected: 06/30/25 11:15

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 10:06
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 10:50
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-200-B01 (0-2)

Lab Sample ID: 500-270891-3

Date Collected: 06/30/25 11:15

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 81.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824184	MM	EET CHI	07/02/25 18:46
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 18:20
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 21:24
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:10
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:19

Client Sample ID: 3055V-200-B02 (0-1)

Lab Sample ID: 500-270891-4

Date Collected: 06/30/25 11:30

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 21:25
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 20:22
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 16:25
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 10:08
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 10:52
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-200-B02 (0-1)

Lab Sample ID: 500-270891-4

Date Collected: 06/30/25 11:30

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 81.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824184	MM	EET CHI	07/02/25 19:12
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 17:07
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 21:28
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825242	SJ	EET CHI	07/09/25 16:23
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 16:28
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:12
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:20

Client Sample ID: 3055V-01-B01 (0-5)

Lab Sample ID: 500-270891-5

Date Collected: 06/30/25 11:45

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 21:30
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 20:26
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 16:29
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 10:10
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 10:55
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-01-B01 (0-5)

Lab Sample ID: 500-270891-5

Date Collected: 06/30/25 11:45

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 82.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824184	MM	EET CHI	07/02/25 19:37
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 19:08

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B01 (0-5)

Lab Sample ID: 500-270891-5

Date Collected: 06/30/25 11:45

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 82.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 21:33
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:13
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:21

Client Sample ID: 3055V-01-B01 (5-10)

Lab Sample ID: 500-270891-6

Date Collected: 06/30/25 11:50

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 21:34
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825354	S1Z	EET CHI	07/10/25 15:46
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 19:11
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 15:32
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 09:38
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 10:57
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-01-B01 (5-10)

Lab Sample ID: 500-270891-6

Date Collected: 06/30/25 11:50

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 80.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 15:20
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 19:33
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 21:37
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 16:36
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:15

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B01 (5-10)

Lab Sample ID: 500-270891-6

Date Collected: 06/30/25 11:50

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 80.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:24

Client Sample ID: 3055V-01-B01 (10-15)

Lab Sample ID: 500-270891-7

Date Collected: 06/30/25 11:55

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 21:38
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825354	S1Z	EET CHI	07/10/25 15:50
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 19:25
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 15:36
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 09:40
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:00
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-01-B01 (10-15)

Lab Sample ID: 500-270891-7

Date Collected: 06/30/25 11:55

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 81.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 15:45
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 18:44
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 21:41
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 16:41
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:17
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:26

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B01 (15-19.5)

Lab Sample ID: 500-270891-8

Date Collected: 06/30/25 12:00

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 21:43
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825416	S1Z	EET CHI	07/10/25 21:04
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 20:31
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 16:33
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 10:33
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:02
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-01-B01 (15-19.5)

Lab Sample ID: 500-270891-8

Date Collected: 06/30/25 12:00

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 82.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 16:10
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 21:33
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 21:46
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 16:45
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:24
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:27

Client Sample ID: 3055V-01-B02 (0-5)

Lab Sample ID: 500-270891-9

Date Collected: 06/30/25 12:30

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 21:47

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B02 (0-5)

Lab Sample ID: 500-270891-9

Date Collected: 06/30/25 12:30

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825354	S1Z	EET CHI	07/10/25 16:04
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 19:30
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 15:40
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 09:42
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:04
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-01-B02 (0-5)

Lab Sample ID: 500-270891-9

Date Collected: 06/30/25 12:30

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 88.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 16:35
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824795	W1T	EET CHI	07/08/25 18:48
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 21:50
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 16:50
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:25
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:27

Client Sample ID: 3055V-01-B02 (5-10)

Lab Sample ID: 500-270891-10

Date Collected: 06/30/25 12:35

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 21:52
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825416	S1Z	EET CHI	07/10/25 21:08

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B02 (5-10)

Lab Sample ID: 500-270891-10

Date Collected: 06/30/25 12:35

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 20:35
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 16:37
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 10:35
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:09
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-01-B02 (5-10)

Lab Sample ID: 500-270891-10

Date Collected: 06/30/25 12:35

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 74.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 17:00
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 16:19
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 22:04
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:27
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:29

Client Sample ID: 3055V-01-B02 (10-15)

Lab Sample ID: 500-270891-11

Date Collected: 06/30/25 12:40

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 21:56
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825354	S1Z	EET CHI	07/10/25 16:08
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 19:35
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 15:44

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Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B02 (10-15)

Lab Sample ID: 500-270891-11

Date Collected: 06/30/25 12:40

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 09:44
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:14
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-01-B02 (10-15)

Lab Sample ID: 500-270891-11

Date Collected: 06/30/25 12:40

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 80.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 17:25
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 19:57
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 22:08
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 16:54
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:29
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:29

Client Sample ID: 3055V-01-B02 (10-15)D

Lab Sample ID: 500-270891-12

Date Collected: 06/30/25 12:45

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 22:10
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825354	S1Z	EET CHI	07/10/25 16:13
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 19:39
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 15:48
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 09:46
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:17

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Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B02 (10-15)D

Lab Sample ID: 500-270891-12

Date Collected: 06/30/25 12:45

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-01-B02 (10-15)D

Lab Sample ID: 500-270891-12

Date Collected: 06/30/25 12:45

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 84.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 17:50
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 20:21
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 22:12
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 16:59
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:37
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:29

Client Sample ID: 3055V-01-B02 (15-20)

Lab Sample ID: 500-270891-13

Date Collected: 06/30/25 12:50

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 22:14
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825354	S1Z	EET CHI	07/10/25 16:17
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 19:44
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 16:00
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 09:52
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:19
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

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Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B02 (15-20)

Lab Sample ID: 500-270891-13

Date Collected: 06/30/25 12:50

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 86.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 18:15
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 20:45
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 22:17
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 17:03
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:39
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:32

Client Sample ID: 3055V-01-B04 (0-5)

Lab Sample ID: 500-270891-14

Date Collected: 06/30/25 13:30

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 22:19
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825354	S1Z	EET CHI	07/10/25 16:21
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 19:49
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 16:04
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 09:53
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:22
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-01-B04 (0-5)

Lab Sample ID: 500-270891-14

Date Collected: 06/30/25 13:30

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 95.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 18:41
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 15:54

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B04 (0-5)

Lab Sample ID: 500-270891-14

Date Collected: 06/30/25 13:30

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 95.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 22:21
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 17:16
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		10	825242	SJ	EET CHI	07/09/25 17:21
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:41
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:33

Client Sample ID: 3055V-01-B04 (5-10)

Lab Sample ID: 500-270891-15

Date Collected: 06/30/25 13:35

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 22:23
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825354	S1Z	EET CHI	07/10/25 16:26
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 19:53
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 16:08
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 09:55
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:24
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-01-B04 (5-10)

Lab Sample ID: 500-270891-15

Date Collected: 06/30/25 13:35

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 81.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 19:06
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 21:57
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 22:26

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B04 (5-10)

Lab Sample ID: 500-270891-15

Date Collected: 06/30/25 13:35

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 81.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 17:25
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:46
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:36

Client Sample ID: 3055V-01-B04 (10-15)

Lab Sample ID: 500-270891-16

Date Collected: 06/30/25 13:40

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824871	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
SPLP East	Prep	3010A			825300	MS	EET CHI	07/10/25 13:29 - 07/10/25 19:29 ¹
SPLP East	Analysis	6010D		1	825582	S1Z	EET CHI	07/11/25 13:04
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	3010A			825103	MS	EET CHI	07/09/25 13:42 - 07/09/25 19:42 ¹
TCLP	Analysis	6010D		1	825353	SJ	EET CHI	07/10/25 13:25
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	3010A			825103	MS	EET CHI	07/09/25 13:42 - 07/09/25 19:42 ¹
TCLP	Analysis	6010D		5	825584	S1Z	EET CHI	07/11/25 21:37
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	3010A			825103	MS	EET CHI	07/09/25 13:42 - 07/09/25 19:42 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 16:57
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	7470A			825271	MJG	EET CHI	07/10/25 10:35 - 07/10/25 12:35 ¹
TCLP	Analysis	7470A		1	825455	MJG	EET CHI	07/11/25 11:08
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:26
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-01-B04 (10-15)

Lab Sample ID: 500-270891-16

Date Collected: 06/30/25 13:40

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 81.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 19:31
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 17:31
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 22:30
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 17:29
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:48

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Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B04 (10-15)

Lab Sample ID: 500-270891-16

Date Collected: 06/30/25 13:40

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 81.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9010C			824706	AC	EET CHI	07/07/25 14:55 - 07/07/25 15:25 ¹
Total/NA	Analysis	9012B		1	824754	AC	EET CHI	07/07/25 17:24

Client Sample ID: 3055V-01-B04 (15-20)

Lab Sample ID: 500-270891-17

Date Collected: 06/30/25 13:45

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824871	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
SPLP East	Prep	3010A			825300	MS	EET CHI	07/10/25 13:29 - 07/10/25 19:29 ¹
SPLP East	Analysis	6010D		1	825582	S1Z	EET CHI	07/11/25 13:08
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	3010A			825103	MS	EET CHI	07/09/25 13:42 - 07/09/25 19:42 ¹
TCLP	Analysis	6010D		1	825353	SJ	EET CHI	07/10/25 13:29
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	3010A			825103	MS	EET CHI	07/09/25 13:42 - 07/09/25 19:42 ¹
TCLP	Analysis	6010D		5	825584	S1Z	EET CHI	07/11/25 21:51
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	3010A			825103	MS	EET CHI	07/09/25 13:42 - 07/09/25 19:42 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 17:01
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	7470A			825271	MJG	EET CHI	07/10/25 10:35 - 07/10/25 12:35 ¹
TCLP	Analysis	7470A		1	825455	MJG	EET CHI	07/11/25 11:10
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:29
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-01-B04 (15-20)

Lab Sample ID: 500-270891-17

Date Collected: 06/30/25 13:45

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 80.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 19:56
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 21:09
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 22:35
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 17:34
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:50
Total/NA	Prep	9010C			824706	AC	EET CHI	07/07/25 14:55 - 07/07/25 15:25 ¹
Total/NA	Analysis	9012B		1	824754	AC	EET CHI	07/07/25 17:26

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-165-B02 (0-1)

Lab Sample ID: 500-270891-18

Date Collected: 06/30/25 14:30

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824871	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
SPLP East	Prep	3010A			825300	MS	EET CHI	07/10/25 13:29 - 07/10/25 19:29 ¹
SPLP East	Analysis	6010D		1	825582	S1Z	EET CHI	07/11/25 13:13
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	3010A			825103	MS	EET CHI	07/09/25 13:42 - 07/09/25 19:42 ¹
TCLP	Analysis	6010D		1	825353	SJ	EET CHI	07/10/25 13:34
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	3010A			825103	MS	EET CHI	07/09/25 13:42 - 07/09/25 19:42 ¹
TCLP	Analysis	6010D		5	825584	S1Z	EET CHI	07/11/25 21:55
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	3010A			825103	MS	EET CHI	07/09/25 13:42 - 07/09/25 19:42 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 17:05
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	7470A			825271	MJG	EET CHI	07/10/25 10:35 - 07/10/25 12:35 ¹
TCLP	Analysis	7470A		1	825455	MJG	EET CHI	07/11/25 11:12
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:31
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-165-B02 (0-1)

Lab Sample ID: 500-270891-18

Date Collected: 06/30/25 14:30

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 87.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 20:21
Total/NA	Prep	3546			824905	LH	EET CHI	07/08/25 14:13
Total/NA	Analysis	8270E		1	824983	MM	EET CHI	07/09/25 17:26
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 22:39
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 17:38
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:52
Total/NA	Prep	9010C			824706	AC	EET CHI	07/07/25 14:55 - 07/07/25 15:25 ¹
Total/NA	Analysis	9012B		1	824754	AC	EET CHI	07/07/25 17:26

Client Sample ID: 3055V-165-B01 (0-2)

Lab Sample ID: 500-270891-19

Date Collected: 06/30/25 14:40

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824871	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
SPLP East	Prep	3010A			825300	MS	EET CHI	07/10/25 13:29 - 07/10/25 19:29 ¹
SPLP East	Analysis	6010D		1	825582	S1Z	EET CHI	07/11/25 13:17

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Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-165-B01 (0-2)

Lab Sample ID: 500-270891-19

Date Collected: 06/30/25 14:40

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	3010A			825103	MS	EET CHI	07/09/25 13:42 - 07/09/25 19:42 ¹
TCLP	Analysis	6010D		1	825353	SJ	EET CHI	07/10/25 13:39
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	3010A			825103	MS	EET CHI	07/09/25 13:42 - 07/09/25 19:42 ¹
TCLP	Analysis	6010D		5	825584	S1Z	EET CHI	07/11/25 22:00
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	3010A			825103	MS	EET CHI	07/09/25 13:42 - 07/09/25 19:42 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 17:09
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	7470A			825271	MJG	EET CHI	07/10/25 10:35 - 07/10/25 12:35 ¹
TCLP	Analysis	7470A		1	825455	MJG	EET CHI	07/11/25 11:14
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:36
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-165-B01 (0-2)

Lab Sample ID: 500-270891-19

Date Collected: 06/30/25 14:40

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 83.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 20:46
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 15:30
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 22:43
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:54
Total/NA	Prep	9010C			824706	AC	EET CHI	07/07/25 14:55 - 07/07/25 15:25 ¹
Total/NA	Analysis	9012B		1	824754	AC	EET CHI	07/07/25 17:27

Client Sample ID: 3055V-193-B01 (0-2)

Lab Sample ID: 500-270891-20

Date Collected: 06/30/25 15:50

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			825016	RJ	EET CHI	07/09/25 15:53 - 07/10/25 09:53 ¹
SPLP East	Prep	3010A			825322	MS	EET CHI	07/10/25 14:46 - 07/10/25 20:46 ¹
SPLP East	Analysis	6010D		1	825582	S1Z	EET CHI	07/11/25 22:46
TCLP	Leach	1311			825006	RJ	EET CHI	07/09/25 16:42 - 07/10/25 10:42 ¹
TCLP	Prep	3010A			825298	MS	EET CHI	07/10/25 13:24 - 07/10/25 19:24 ¹
TCLP	Analysis	6010D		5	825794	S1Z	EET CHI	07/14/25 22:00
TCLP	Leach	1311			825006	RJ	EET CHI	07/09/25 16:42 - 07/10/25 10:42 ¹
TCLP	Prep	3010A			825298	MS	EET CHI	07/10/25 13:24 - 07/10/25 19:24 ¹
TCLP	Analysis	6010D		1	825584	S1Z	EET CHI	07/11/25 15:33

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Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-193-B01 (0-2)

Lab Sample ID: 500-270891-20

Date Collected: 06/30/25 15:50

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			825006	RJ	EET CHI	07/09/25 16:42 - 07/10/25 10:42 ¹
TCLP	Prep	3010A			825298	MS	EET CHI	07/10/25 13:24 - 07/10/25 19:24 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 17:30
TCLP	Leach	1311			825006	RJ	EET CHI	07/09/25 16:42 - 07/10/25 10:42 ¹
TCLP	Prep	7470A			825664	MJG	EET CHI	07/14/25 10:25 - 07/14/25 12:25 ¹
TCLP	Analysis	7470A		1	825842	MJG	EET CHI	07/15/25 09:03
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:39
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-193-B01 (0-2)

Lab Sample ID: 500-270891-20

Date Collected: 06/30/25 15:50

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 79.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 21:11
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 23:09
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 22:57
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 17:43
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:56
Total/NA	Prep	9010C			824706	AC	EET CHI	07/07/25 14:55 - 07/07/25 15:25 ¹
Total/NA	Analysis	9012B		1	824754	AC	EET CHI	07/07/25 17:28

¹ This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

Accreditation/Certification Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Laboratory: Eurofins Chicago

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	100201	05-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260D	5035	Solid	1,3-Dichloropropene, Total
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Chain of Custody Record 744810

Environment Testing
America

TAL-8210

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ OtherAddress _____

Client Contact		Project Manager: J. Hughes		Site Contact T. Trujillo		Date: 6-30-25		COC No 1	
Company Name WSP		Tel/Email:		Lab Contact:		Carrier:		1 of 2 COCs	
Address 30 N LaSalle St #4200		Analysis Turnaround Time						Sampler	
City/State/Zip Chicago, IL 60602		☒ CALENDAR DAYS ☐ WORKING DAYS						For Lab Use Only:	
Phone		TAT if different from Below						Walk-in Client	
Fax		☒ 2 weeks						Lab Sampling	
Project Name ASP11 WOSSA - E-290		☐ 1 week						Job / SDG No	
Site 31403035, 8305		☐ 2 days						500-270891	
P O #		☐ 1 day							
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Sample Specific Notes
1	3055V-179-B01 (0-1)	6/30/25	1015	G	S	2		/	
2	3055V-181-B01 (0-2)		1040					/	
3	3055V-200-B01 (0-2)		1115					/	
4	3055V-200-B02 (0-1)		1130					/	
5	3055V-01-B01 (0-5)		1145					/	
6	3055V-01-B01 (5-10)		1150					/	
7	3055V-01-B01 (10-15)		1155					/	
8	3055V-01-B01 (15-19.5)		1200					/	
9	3055V-01-B01 (10-5)		1230					/	
10	3055V-01-B02 (5-10)		1235					/	
11	3055V-01-B02 (10-15)		1240					/	
12	3055V-01-B02 (10-15) DUP		1245					/	
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other							Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample							☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months		
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown									
Special Instructions/QC Requirements & Comments: * SPLP Analysis based on TCLP results									
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No		Cooler Temp (°C) Obs'd		Corr'd		Therm ID No	
Relinquished by [Signature]		Company WSP		Date/Time 7-1-25		Received by		Company	
Relinquished by		Company		Date/Time 1010		Received by		Company	
Relinquished by		Company		Date/Time		Received in Laboratory by [Signature]		Company EETA	
								Date/Time 07/01/25 1010	

Environment Testing America

TAL-8210

7/16/2025

Login Sample Receipt Checklist

Client: WSP USA Inc

Job Number: 500-270891-1

Login Number: 270891

List Source: Eurofins Chicago

List Number: 1

Creator: Hernandez, Stephanie

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.8,3.3,2.6
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



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 290 (Interstate 290) Office Phone Number, if available: _____

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

3609 W. Harrison Street (ISGS #3055V-179)

City: Chicago State: IL Zip Code: 60624

County: Cook Township: NA

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

Latitude: 41.87334 Longitude: - 87.71629

(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: 0316265142 BOW: _____ BOA: _____

Approximate Start Date (mm/dd/yyyy): _____ Approximate End Date (mm/dd/yyyy): _____

Estimated Volume of debris (cu. Yd.): 32

II. Owner/Operator Information for Source Site

Site Owner

Name: Illinois Department of Transportation

Street Address: 201 West Center Court

PO Box: _____

City: Schaumburg State: IL

Zip Code: 60196-1096 Phone: 847-705-4122

Contact: Jeffrey Williams

Email, if available: Jeffrey.Williams@illinois.gov

Site Operator

Name: Illinois Department of Transportation

Street Address: 201 West Center Court

PO Box: _____

City: Schaumburg State: IL

Zip Code: 60196-1096 Phone: 847-705-4122

Contact: Jeffrey Williams

Email, if available: Jeffrey.Williams@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)l:

Location 3055V-179-B01 was sampled within the construction zone adjacent to ISGS #3055V-179 (Vacant Lot). Refer to PSI Report for ISGS #3055V-179 (Vacant Lot).

- 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

See attached data summary table and associated laboratory data package J270891-1.

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

I, Matt Weiss (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: WSP USA
Street Address: 30 N. LaSalle Suite 4200
City: Chicago State: IL Zip Code: 60602
Phone: 312-981-2044

Matt Weiss

Printed Name:


Licensed Professional Engineer or
Licensed Professional Geologist Signature:

10/16/25

Date:



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

Analytical Data Summary
PTB #196-002; Work Order 55A - IDOT Job # D-91-359-20

Key to Data Tables

- MAC = Maximum Allowable Concentration of Chemical Constituent in
Uncontaminated Soil Used as Fill Material At Regulated Fill Operations
- mg/kg = Milligrams per kilogram.
- mg/L = Milligrams per liter.
- MSA = Metropolitan Statistical Area
- TACO = Tiered Approach to Corrective Action Objectives
- TCLP = Toxicity Characteristic Leaching Procedure.
- SCGIER = Soil Component of the Groundwater Ingestion Exposure Route
- SPLP = Synthetic Precipitation Leaching Procedure.
- ND = Not detected.
- NA = Not analyzed or not applicable.
- J = Estimated value.
- U = Analyte was analyzed for but not detected.
- PID = Photoionization detector.
- = No PID readings detected above background (within instrument margin of error).

Criteria Qualifiers and Shading

- # = pH is less than 6.25 or greater than 9.0 standard units.
- † = Concentration exceeds the most stringent MAC.
- m = Concentration exceeds the MAC for an MSA.
- * = Concentration exceeds the MAC for Chicago corporate limits.
- c = Concentration exceeds a TACO Tier 1 RO for the Construction Worker Exposure Route.
- r = Concentration exceeds a TACO Tier 1 soil RO for residential properties.
- L = The detected TCLP/SPLP concentration exceeds the TACO Tier 1 RO for the SCGIER.
-  = Headspace reading exceeds background levels
-  = Concentration exceeds the most stringent MAC, but is below the MAC for an MSA.
-  = Concentration exceeds applicable comparison criteria.

CONTAMINANTS OF CONCERN

SITE	ISGS #3055V-179 (Vacant Lot)	Comparison Criteria					
BORING	3055V-179-B01	MACs			TACO		
SAMPLE	3055V-179-B01 (0-1)	Most Stringent	Within an MSA	Within Chicago	Residential	Construction Worker	SCGIER
MATRIX	Soil						
DEPTH (feet)	0-1						
pH	7.7						
PID (meter units)	--						
VOCs (mg/kg)							
Acetone	0.0071 J	25	--	--	70,000	100,000	--
SVOCs (mg/kg)							
2-Methylnaphthalene	0.030 J	--	--	--	--	--	--
Acenaphthene	0.075	570	--	0.94	4,700	120,000	--
Acenaphthylene	0.027 J	--	--	0.25	--	--	--
Anthracene	0.26	12,000	--	2.6	23,000	610,000	--
Benzo(a)anthracene	0.87	0.9	1.8	11	1.8	170	--
Benzo(a)pyrene	0.79 †	0.09	2.1	11	2.1	17	--
Benzo(b)fluoranthene	1.2 †	0.9	2.1	13	2.1	170	--
Benzo(g,h,i)perylene	0.54	--	--	4.4	--	--	--
Benzo(k)fluoranthene	0.42	9	--	8.1	9	1,700	--
Carbazole	0.11 J	0.6	--	--	32	6,200	--
Chrysene	0.96	88	--	11	88	17,000	--
Dibenz(a,h)anthracene	0.18 †	0.09	0.42	1	0.42	17	--
Dibenzofuran	0.052 J	--	--	--	--	--	--
Di-n-butyl phthalate	0.013 J	2,300	--	--	2,300	2,300	--
Fluoranthene	1.7	3,100	--	28	3,100	82,000	--
Fluorene	0.080	560	--	1.1	3,100	82,000	--
Indeno(1,2,3-cd)pyrene	0.47	0.9	1.6	5.8	1.6	170	--
Naphthalene	0.041	1.8	--	0.26	170	1.8	--
Phenanthrene	1.1	--	--	15	--	--	--
Pyrene	1.5	2,300	--	18	2,300	61,000	--
Inorganics (mg/kg)							
Arsenic	5.8 J	11.3	13	--	13	61	--
Barium	51	1,500	--	--	5,500	14,000	--
Beryllium	0.75	22	--	--	160	410	--
Boron	18	40	--	--	16,000	41,000	--
Cadmium	0.24 J	5.2	--	--	78	200	--
Chromium	24 J †	21	--	--	230	690	--
Cobalt	14	20	--	--	4,700	12,000	--
Copper	31 J	2,900	--	--	2,900	8,200	--
Iron	19,000 †m	15,000	15,900	--	--	--	--
Lead	47 J	107	--	--	400	700	--
Magnesium	9,400	325,000	--	--	--	730,000	--
Manganese	210	630	636	--	1,600	4,100	--
Mercury	0.025	0.89	--	--	10	0.1	--
Nickel	41	100	--	--	1,600	4,100	--
Thallium	0.81	2.6	--	--	6.3	160	--
Vanadium	28	550	--	--	550	1,400	--
Zinc	79 J	5,100	--	--	23,000	61,000	--
TCLP Metals (mg/L)							
Barium	0.34	--	--	--	--	--	2
Chromium	ND U	--	--	--	--	--	0.1
Iron	ND U	--	--	--	--	--	5
Lead	0.0059 J	--	--	--	--	--	0.0075
Manganese	1.8 L	--	--	--	--	--	0.15
Nickel	0.0054 J	--	--	--	--	--	0.1
Selenium	0.012 J	--	--	--	--	--	0.05
Zinc	0.0051 J	--	--	--	--	--	5
SPLP Metals (mg/L)							
Manganese	0.55 L	--	--	--	--	--	0.15

ANALYTICAL REPORT

PREPARED FOR

Attn: Dean Tiebout
WSP USA Inc
30 North LaSalle Street
Chicago, Illinois 60602

Generated 7/16/2025 4:18:38 PM

JOB DESCRIPTION

IDOT - 196-002-WO55A I-290 Central Park

JOB NUMBER

500-270891-1

Eurofins Chicago

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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

Authorization



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

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Case Narrative

Client: WSP USA Inc
Project: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Job ID: 500-270891-1

Eurofins Chicago

Job Narrative 500-270891-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 7/1/2025 10:10 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 2.6°C, 3.3°C and 3.8°C.

Receipt Exceptions

The container label for the following sample(s) did not match the information listed on the Chain-of-Custody (COC): COC list 3055V-165-B1 (0-1) 1430 however container label 3055V-165-B02 (0-1). Sample date/time match. Logged per label pre client request

The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. COC list incomplete depth. Client states the depth to be (0-2).

Cyanide added per client request,

GC/MS VOA

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 500-824184 was outside the method criteria for the following analyte(s): Acetone, 2-Butanone (MEK), 2-Hexanone, 4-Methyl-2-pentanone (MIBK) and Vinyl acetate. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 500-824263 was outside the method criteria for the following analyte(s): Acetone. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D: Methylene chloride was detected in the following items: (MB 500-824263/7). Methylene chloride is a known lab contaminant; therefore all low level detects for this compound could be suspected as lab contamination.

Method 8260D: The method blank for preparation batch 500-824263 contained Chloroform above the reporting limit (RL). None of the samples associated with this method blank contained the target compound above the reporting limit; therefore, re-extraction and/or re-analysis of samples were not performed.

Method 8260D: The LCSD had 3 analytes fail low: Vinyl Chloride, Chloromethane and Chloroethane. Due to the samples not having any hits for these analytes, The LCS not having any failures, and the hold time for the samples affected being up soon the data has been reported.

(LCSD 500-824263/8)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA

Method 8270E: The continuing calibration verification (CCV) associated with batch 500-824407 recovered above the upper control limit for 2-Nitroaniline. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 500-824407/1).

Eurofins Chicago

Case Narrative

Client: WSP USA Inc
Project: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Job ID: 500-270891-1 (Continued)

Eurofins Chicago

Method 8270E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 500-824387 and analytical batch 500-824407 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8270E: The method blank for preparation batch 500-824905 and analytical batch 500-824983 contained Diethyl phthalate above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8270E: The continuing calibration verification (CCV) analyzed in 500-824983 was outside the method criteria for the following analyte(s): 2,4-Dinitrophenol and 2-Nitroaniline. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals

Method 6010D: The method blank for prep batch 824432 contained B-, Ba, and Fe above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6010D - TCLP: The method blank for preparation batch 500-824736 and 500-824919 and analytical batch 500-825222 contained Arsenic and Barium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6010D - TCLP: The method blank for preparation batch 500-824709 and 500-824919 and analytical batch 500-825222 contained Arsenic, Barium, Cadmium, Chromium, Cobalt and Copper above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6010D - TCLP: The method blank for preparation batch 500-824870 and 500-825103 and analytical batch 500-825353 contained Barium, Chromium and Selenium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6010D - TCLP: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3055V-179-B01 (0-1) (500-270891-1), 3055V-181-B01 (0-2) (500-270891-2), 3055V-01-B01 (5-10) (500-270891-6), 3055V-01-B01 (10-15) (500-270891-7), 3055V-01-B02 (0-5) (500-270891-9), 3055V-01-B02 (10-15) (500-270891-11), 3055V-01-B02 (10-15)D (500-270891-12), 3055V-01-B02 (15-20) (500-270891-13), 3055V-01-B04 (0-5) (500-270891-14), 3055V-01-B04 (5-10) (500-270891-15), (500-270891-E-1-J DU ^5), (500-270891-E-1-K MS ^5) and (500-270891-E-1-I SD ^25). Elevated reporting limits (RLs) are provided.

Method 6010D - TCLP: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3055V-200-B01 (0-2) (500-270891-3), 3055V-01-B01 (15-19.5) (500-270891-8) and 3055V-01-B02 (5-10) (500-270891-10). Elevated reporting limits (RLs) are provided.

Method 6010D - TCLP: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3055V-01-B04 (10-15) (500-270891-16), 3055V-01-B04 (15-20) (500-270891-17), 3055V-165-B02 (0-1) (500-270891-18) and 3055V-165-B01 (0-2) (500-270891-19). Elevated reporting limits (RLs) are provided.

Method 6010D - TCLP: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3055V-193-B01 (0-2) (500-270891-20), (500-270891-E-20-I DU ^5), (500-270891-E-20-J MS ^5) and (500-270891-E-20-H SD ^25). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

Method 9012B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 500-824575 and analytical batch 500-824731 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Chicago

Case Narrative

Client: WSP USA Inc
Project: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Job ID: 500-270891-1 (Continued)

Eurofins Chicago

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Eurofins Chicago

Detection Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-179-B01 (0-1)

Lab Sample ID: 500-270891-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Acetone	0.0071	J	0.016	0.0067	mg/Kg	1	✱		8260D	Total/NA
2-Methylnaphthalene	0.030	J	0.082	0.0081	mg/Kg	1	✱		8270E	Total/NA
Acenaphthene	0.075		0.040	0.0083	mg/Kg	1	✱		8270E	Total/NA
Acenaphthylene	0.027	J	0.040	0.0069	mg/Kg	1	✱		8270E	Total/NA
Anthracene	0.26		0.040	0.0083	mg/Kg	1	✱		8270E	Total/NA
Benzo[a]anthracene	0.87		0.040	0.0086	mg/Kg	1	✱		8270E	Total/NA
Benzo[a]pyrene	0.79		0.040	0.039	mg/Kg	1	✱		8270E	Total/NA
Benzo[b]fluoranthene	1.2		0.040	0.039	mg/Kg	1	✱		8270E	Total/NA
Benzo[g,h,i]perylene	0.54		0.040	0.018	mg/Kg	1	✱		8270E	Total/NA
Benzo[k]fluoranthene	0.42		0.040	0.015	mg/Kg	1	✱		8270E	Total/NA
Carbazole	0.11	J	0.20	0.016	mg/Kg	1	✱		8270E	Total/NA
Chrysene	0.96		0.040	0.011	mg/Kg	1	✱		8270E	Total/NA
Dibenz(a,h)anthracene	0.18		0.040	0.040	mg/Kg	1	✱		8270E	Total/NA
Dibenzofuran	0.052	J	0.20	0.014	mg/Kg	1	✱		8270E	Total/NA
Di-n-butyl phthalate	0.013	J	0.20	0.013	mg/Kg	1	✱		8270E	Total/NA
Fluoranthene	1.7		0.040	0.0094	mg/Kg	1	✱		8270E	Total/NA
Fluorene	0.080		0.040	0.012	mg/Kg	1	✱		8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.47		0.040	0.040	mg/Kg	1	✱		8270E	Total/NA
Naphthalene	0.041		0.040	0.0073	mg/Kg	1	✱		8270E	Total/NA
Phenanthrene	1.1		0.040	0.0088	mg/Kg	1	✱		8270E	Total/NA
Pyrene	1.5		0.040	0.011	mg/Kg	1	✱		8270E	Total/NA
Arsenic	5.8		0.58	0.20	mg/Kg	1	✱		6010D	Total/NA
Barium	51	B	0.58	0.066	mg/Kg	1	✱		6010D	Total/NA
Beryllium	0.75		0.23	0.054	mg/Kg	1	✱		6010D	Total/NA
Boron	18	B	2.9	0.27	mg/Kg	1	✱		6010D	Total/NA
Cadmium	0.24	F1	0.12	0.021	mg/Kg	1	✱		6010D	Total/NA
Chromium	24	F1	0.58	0.29	mg/Kg	1	✱		6010D	Total/NA
Cobalt	14		0.29	0.076	mg/Kg	1	✱		6010D	Total/NA
Copper	31	F2 F1	0.58	0.16	mg/Kg	1	✱		6010D	Total/NA
Iron	19000	B	12	6.0	mg/Kg	1	✱		6010D	Total/NA
Lead	47	F2	0.29	0.13	mg/Kg	1	✱		6010D	Total/NA
Magnesium	9400		5.8	2.9	mg/Kg	1	✱		6010D	Total/NA
Manganese	210		0.58	0.084	mg/Kg	1	✱		6010D	Total/NA
Nickel	41		0.58	0.17	mg/Kg	1	✱		6010D	Total/NA
Thallium	0.81		0.58	0.29	mg/Kg	1	✱		6010D	Total/NA
Vanadium	28		0.29	0.068	mg/Kg	1	✱		6010D	Total/NA
Zinc	79	F1	1.2	0.51	mg/Kg	1	✱		6010D	Total/NA
Arsenic	0.017	B	0.010	0.0037	mg/L	1			6010D	TCPLP
Barium	0.34	B	0.010	0.0012	mg/L	1			6010D	TCPLP
Cadmium	0.0029	J B	0.0050	0.00043	mg/L	1			6010D	TCPLP
Chromium	0.0032	J B	0.010	0.0017	mg/L	1			6010D	TCPLP
Cobalt	0.0012	J B	0.0050	0.00078	mg/L	1			6010D	TCPLP
Lead	0.0059	J	0.0075	0.0027	mg/L	1			6010D	TCPLP
Manganese	1.8		0.010	0.0023	mg/L	1			6010D	TCPLP
Nickel	0.0054	J	0.010	0.0048	mg/L	1			6010D	TCPLP
Selenium	0.012	J	0.050	0.0053	mg/L	1			6010D	TCPLP
Zinc	0.0051	J	0.50	0.0050	mg/L	1			6010D	TCPLP
Manganese	0.55		0.010	0.0023	mg/L	1			6010D	SPLP East
Mercury	0.025		0.018	0.0075	mg/Kg	1	✱		7471B	Total/NA
pH	7.7		0.2	0.2	SU	1			9045D	Total/NA

This Detection Summary does not include radiochemical test results.

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Method Summary

Client: WSP USA Inc

Job ID: 500-270891-1

Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CHI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CHI
6010D	Metals (ICP)	SW846	EET CHI
6020B	Metals (ICP/MS)	SW846	EET CHI
7470A	Mercury	SW846	EET CHI
7471B	Mercury (CVAA)	SW846	EET CHI
9012B	Cyanide, Total and/or Amenable	SW846	EET CHI
9045D	pH	SW846	EET CHI
Moisture	Percent Moisture	EPA	EET CHI
1311	TCLP Extraction	SW846	EET CHI
1312	SPLP Extraction	SW846	EET CHI
3010A	Preparation, Total Metals	SW846	EET CHI
3050B	Preparation, Metals	SW846	EET CHI
3546	Microwave Extraction	SW846	EET CHI
5035	Closed System Purge and Trap	SW846	EET CHI
7470A	Preparation, Mercury	SW846	EET CHI
7471B	Preparation, Mercury	SW846	EET CHI
9010C	Cyanide, Distillation	SW846	EET CHI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

Sample Summary

Client: WSP USA Inc

Job ID: 500-270891-1

Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-270891-1	3055V-179-B01 (0-1)	Solid	06/30/25 10:15	07/01/25 10:10

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-179-B01 (0-1)

Lab Sample ID: 500-270891-1

Date Collected: 06/30/25 10:15

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 80.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0071	J	0.016	0.0067	mg/Kg	✱	07/01/25 19:06	07/02/25 17:55	1
Benzene	<0.0016		0.0016	0.00050	mg/Kg	✱	07/01/25 19:06	07/02/25 17:55	1
Bromodichloromethane	<0.0016		0.0016	0.00051	mg/Kg	✱	07/01/25 19:06	07/02/25 17:55	1
Bromoform	<0.0016		0.0016	0.00094	mg/Kg	✱	07/01/25 19:06	07/02/25 17:55	1
Bromomethane	<0.0040		0.0040	0.0020	mg/Kg	✱	07/01/25 19:06	07/02/25 17:55	1
2-Butanone (MEK)	<0.0040		0.0040	0.0018	mg/Kg	✱	07/01/25 19:06	07/02/25 17:55	1
Carbon disulfide	<0.0040		0.0040	0.00074	mg/Kg	✱	07/01/25 19:06	07/02/25 17:55	1
Carbon tetrachloride	<0.0016		0.0016	0.00055	mg/Kg	✱	07/01/25 19:06	07/02/25 17:55	1
Chlorobenzene	<0.0016		0.0016	0.00068	mg/Kg	✱	07/01/25 19:06	07/02/25 17:55	1
Chloroethane	<0.0040		0.0040	0.0013	mg/Kg	✱	07/01/25 19:06	07/02/25 17:55	1
Chloroform	<0.0016		0.0016	0.0012	mg/Kg	✱	07/01/25 19:06	07/02/25 17:55	1
Chloromethane	<0.0040		0.0040	0.00078	mg/Kg	✱	07/01/25 19:06	07/02/25 17:55	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00065	mg/Kg	✱	07/01/25 19:06	07/02/25 17:55	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00064	mg/Kg	✱	07/01/25 19:06	07/02/25 17:55	1
Dibromochloromethane	<0.0016		0.0016	0.00074	mg/Kg	✱	07/01/25 19:06	07/02/25 17:55	1
1,2-Dibromo-3-Chloropropane	<4.0		4.0	2.8	ug/Kg	✱	07/01/25 19:06	07/02/25 17:55	1
1,1-Dichloroethane	<0.0016		0.0016	0.00060	mg/Kg	✱	07/01/25 19:06	07/02/25 17:55	1
1,2-Dichloroethane	<0.0040		0.0040	0.0010	mg/Kg	✱	07/01/25 19:06	07/02/25 17:55	1
1,1-Dichloroethene	<0.0016		0.0016	0.00066	mg/Kg	✱	07/01/25 19:06	07/02/25 17:55	1
1,2-Dichloropropane	<0.0016		0.0016	0.00041	mg/Kg	✱	07/01/25 19:06	07/02/25 17:55	1
1,3-Dichloropropane, Total	<0.0016		0.0016	0.00077	mg/Kg	✱	07/01/25 19:06	07/02/25 17:55	1
Ethylbenzene	<0.0016		0.0016	0.00084	mg/Kg	✱	07/01/25 19:06	07/02/25 17:55	1
2-Hexanone	<0.0040		0.0040	0.0024	mg/Kg	✱	07/01/25 19:06	07/02/25 17:55	1
Methylene Chloride	<0.0040		0.0040	0.0017	mg/Kg	✱	07/01/25 19:06	07/02/25 17:55	1
4-Methyl-2-pentanone (MIBK)	<0.0040		0.0040	0.0028	mg/Kg	✱	07/01/25 19:06	07/02/25 17:55	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00052	mg/Kg	✱	07/01/25 19:06	07/02/25 17:55	1
Styrene	<0.0016		0.0016	0.00072	mg/Kg	✱	07/01/25 19:06	07/02/25 17:55	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00080	mg/Kg	✱	07/01/25 19:06	07/02/25 17:55	1
Tetrachloroethene	<0.0016		0.0016	0.00090	mg/Kg	✱	07/01/25 19:06	07/02/25 17:55	1
Toluene	<0.0016		0.0016	0.00032	mg/Kg	✱	07/01/25 19:06	07/02/25 17:55	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00061	mg/Kg	✱	07/01/25 19:06	07/02/25 17:55	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00077	mg/Kg	✱	07/01/25 19:06	07/02/25 17:55	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00065	mg/Kg	✱	07/01/25 19:06	07/02/25 17:55	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00060	mg/Kg	✱	07/01/25 19:06	07/02/25 17:55	1
Trichloroethene	<0.0016		0.0016	0.00044	mg/Kg	✱	07/01/25 19:06	07/02/25 17:55	1
Vinyl acetate	<0.0040		0.0040	0.00096	mg/Kg	✱	07/01/25 19:06	07/02/25 17:55	1
Vinyl chloride	<0.0016		0.0016	0.00065	mg/Kg	✱	07/01/25 19:06	07/02/25 17:55	1
Xylenes, Total	<0.0032		0.0032	0.00055	mg/Kg	✱	07/01/25 19:06	07/02/25 17:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		75 - 131	07/01/25 19:06	07/02/25 17:55	1
Dibromofluoromethane	99		75 - 126	07/01/25 19:06	07/02/25 17:55	1
1,2-Dichloroethane-d4 (Surr)	96		70 - 134	07/01/25 19:06	07/02/25 17:55	1
Toluene-d8 (Surr)	105		75 - 124	07/01/25 19:06	07/02/25 17:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.029	mg/Kg	✱	07/03/25 07:15	07/03/25 17:56	1
1,2-Dichlorobenzene	<0.20		0.20	0.017	mg/Kg	✱	07/03/25 07:15	07/03/25 17:56	1
1,3-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	✱	07/03/25 07:15	07/03/25 17:56	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-179-B01 (0-1)

Lab Sample ID: 500-270891-1

Date Collected: 06/30/25 10:15

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 80.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	<0.20		0.20	0.019	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.029	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
2,4,5-Trichlorophenol	<0.40		0.40	0.015	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
2,4,6-Trichlorophenol	<0.40		0.40	0.014	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
2,4-Dichlorophenol	<0.40		0.40	0.014	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
2,4-Dimethylphenol	<0.40		0.40	0.091	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
2,4-Dinitrophenol	<0.82		0.82	0.23	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
2,4-Dinitrotoluene	<0.20		0.20	0.023	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
2,6-Dinitrotoluene	<0.20		0.20	0.028	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
2-Chloronaphthalene	<0.20		0.20	0.015	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
2-Chlorophenol	<0.20		0.20	0.013	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
2-Methylnaphthalene	0.030	J	0.082	0.0081	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
2-Methylphenol	<0.20		0.20	0.021	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
2-Nitroaniline	<0.20		0.20	0.022	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
2-Nitrophenol	<0.40		0.40	0.028	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
3 & 4 Methylphenol	<0.20		0.20	0.030	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.18	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
3-Nitroaniline	<0.40		0.40	0.018	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
4,6-Dinitro-2-methylphenol	<0.82		0.82	0.23	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.028	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
4-Chloro-3-methylphenol	<0.40		0.40	0.034	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
4-Chloroaniline	<0.82		0.82	0.43	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.053	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
4-Nitroaniline	<0.40		0.40	0.030	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
4-Nitrophenol	<0.82		0.82	0.44	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
Acenaphthene	0.075		0.040	0.0083	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
Acenaphthylene	0.027	J	0.040	0.0069	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
Anthracene	0.26		0.040	0.0083	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
Benzo[a]anthracene	0.87		0.040	0.0086	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
Benzo[a]pyrene	0.79		0.040	0.039	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
Benzo[b]fluoranthene	1.2		0.040	0.039	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
Benzo[g,h,i]perylene	0.54		0.040	0.018	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
Benzo[k]fluoranthene	0.42		0.040	0.015	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.019	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.16	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
Butyl benzyl phthalate	<0.20		0.20	0.020	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
Carbazole	0.11	J	0.20	0.016	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
Chrysene	0.96		0.040	0.011	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
Dibenz(a,h)anthracene	0.18		0.040	0.040	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
Dibenzofuran	0.052	J	0.20	0.014	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
Diethyl phthalate	<0.20		0.20	0.019	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
Dimethyl phthalate	<0.20		0.20	0.0088	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
Di-n-butyl phthalate	0.013	J	0.20	0.013	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
Di-n-octyl phthalate	<0.40		0.40	0.28	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
Fluoranthene	1.7		0.040	0.0094	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
Fluorene	0.080		0.040	0.012	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
Hexachlorobenzene	<0.082		0.082	0.0078	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
Hexachlorobutadiene	<0.20		0.20	0.023	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-179-B01 (0-1)

Lab Sample ID: 500-270891-1

Date Collected: 06/30/25 10:15

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 80.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	<0.82		0.82	0.43	mg/Kg	✱	07/03/25 07:15	07/03/25 17:56	1
Hexachloroethane	<0.20		0.20	0.020	mg/Kg	✱	07/03/25 07:15	07/03/25 17:56	1
Indeno[1,2,3-cd]pyrene	0.47		0.040	0.040	mg/Kg	✱	07/03/25 07:15	07/03/25 17:56	1
Isophorone	<0.20		0.20	0.021	mg/Kg	✱	07/03/25 07:15	07/03/25 17:56	1
Naphthalene	0.041		0.040	0.0073	mg/Kg	✱	07/03/25 07:15	07/03/25 17:56	1
Nitrobenzene	<0.040		0.040	0.013	mg/Kg	✱	07/03/25 07:15	07/03/25 17:56	1
N-Nitrosodi-n-propylamine	<0.082		0.082	0.023	mg/Kg	✱	07/03/25 07:15	07/03/25 17:56	1
N-Nitrosodiphenylamine	<0.20		0.20	0.080	mg/Kg	✱	07/03/25 07:15	07/03/25 17:56	1
Pentachlorophenol	<0.82		0.82	0.45	mg/Kg	✱	07/03/25 07:15	07/03/25 17:56	1
Phenanthrene	1.1		0.040	0.0088	mg/Kg	✱	07/03/25 07:15	07/03/25 17:56	1
Phenol	<0.20		0.20	0.018	mg/Kg	✱	07/03/25 07:15	07/03/25 17:56	1
Pyrene	1.5		0.040	0.011	mg/Kg	✱	07/03/25 07:15	07/03/25 17:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	78		31 - 166	07/03/25 07:15	07/03/25 17:56	1
Phenol-d5 (Surr)	80		30 - 153	07/03/25 07:15	07/03/25 17:56	1
Nitrobenzene-d5 (Surr)	84		37 - 147	07/03/25 07:15	07/03/25 17:56	1
2-Fluorobiphenyl (Surr)	85		43 - 145	07/03/25 07:15	07/03/25 17:56	1
2,4,6-Tribromophenol (Surr)	75		31 - 143	07/03/25 07:15	07/03/25 17:56	1
Terphenyl-d14 (Surr)	96		42 - 157	07/03/25 07:15	07/03/25 17:56	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.2	F1	1.2	0.22	mg/Kg	✱	07/03/25 08:52	07/08/25 20:49	1
Arsenic	5.8		0.58	0.20	mg/Kg	✱	07/03/25 08:52	07/08/25 20:49	1
Barium	51	B	0.58	0.066	mg/Kg	✱	07/03/25 08:52	07/08/25 20:49	1
Beryllium	0.75		0.23	0.054	mg/Kg	✱	07/03/25 08:52	07/08/25 20:49	1
Boron	18	B	2.9	0.27	mg/Kg	✱	07/03/25 08:52	07/08/25 20:49	1
Cadmium	0.24	F1	0.12	0.021	mg/Kg	✱	07/03/25 08:52	07/08/25 20:49	1
Chromium	24	F1	0.58	0.29	mg/Kg	✱	07/03/25 08:52	07/08/25 20:49	1
Cobalt	14		0.29	0.076	mg/Kg	✱	07/03/25 08:52	07/08/25 20:49	1
Copper	31	F2 F1	0.58	0.16	mg/Kg	✱	07/03/25 08:52	07/08/25 20:49	1
Iron	19000	B	12	6.0	mg/Kg	✱	07/03/25 08:52	07/08/25 20:49	1
Lead	47	F2	0.29	0.13	mg/Kg	✱	07/03/25 08:52	07/08/25 20:49	1
Magnesium	9400		5.8	2.9	mg/Kg	✱	07/03/25 08:52	07/08/25 20:49	1
Manganese	210		0.58	0.084	mg/Kg	✱	07/03/25 08:52	07/08/25 20:49	1
Nickel	41		0.58	0.17	mg/Kg	✱	07/03/25 08:52	07/08/25 20:49	1
Selenium	<0.58	F1	0.58	0.34	mg/Kg	✱	07/03/25 08:52	07/08/25 20:49	1
Silver	<0.29	F1	0.29	0.075	mg/Kg	✱	07/03/25 08:52	07/08/25 20:49	1
Thallium	0.81		0.58	0.29	mg/Kg	✱	07/03/25 08:52	07/08/25 20:49	1
Vanadium	28		0.29	0.068	mg/Kg	✱	07/03/25 08:52	07/08/25 20:49	1
Zinc	79	F1	1.2	0.51	mg/Kg	✱	07/03/25 08:52	07/08/25 20:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.017	B	0.010	0.0037	mg/L		07/08/25 15:05	07/09/25 18:48	1
Barium	0.34	B	0.010	0.0012	mg/L		07/08/25 15:05	07/09/25 18:48	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		07/08/25 15:05	07/09/25 18:48	1
Boron	<2.5		2.5	0.028	mg/L		07/08/25 15:05	07/10/25 15:24	5
Cadmium	0.0029	J B	0.0050	0.00043	mg/L		07/08/25 15:05	07/09/25 18:48	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-179-B01 (0-1)

Lab Sample ID: 500-270891-1

Date Collected: 06/30/25 10:15

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 80.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.0032	J B	0.010	0.0017	mg/L		07/08/25 15:05	07/09/25 18:48	1
Cobalt	0.0012	J B	0.0050	0.00078	mg/L		07/08/25 15:05	07/09/25 18:48	1
Copper	<0.010		0.010	0.0018	mg/L		07/08/25 15:05	07/09/25 18:48	1
Iron	<0.40		0.40	0.082	mg/L		07/08/25 15:05	07/09/25 18:48	1
Lead	0.0059	J	0.0075	0.0027	mg/L		07/08/25 15:05	07/09/25 18:48	1
Manganese	1.8		0.010	0.0023	mg/L		07/08/25 15:05	07/09/25 18:48	1
Nickel	0.0054	J	0.010	0.0048	mg/L		07/08/25 15:05	07/09/25 18:48	1
Selenium	0.012	J	0.050	0.0053	mg/L		07/08/25 15:05	07/09/25 18:48	1
Silver	<0.0050		0.0050	0.0015	mg/L		07/08/25 15:05	07/09/25 18:48	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		07/08/25 15:05	07/09/25 18:48	1
Zinc	0.0051	J	0.50	0.0050	mg/L		07/08/25 15:05	07/09/25 18:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	0.55		0.010	0.0023	mg/L		07/08/25 15:25	07/09/25 20:50	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0060	mg/L		07/08/25 15:05	07/14/25 15:11	1
Thallium	<0.0020		0.0020	0.0020	mg/L		07/08/25 15:05	07/14/25 15:11	1

Method: SW846 7470A - Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/25 11:20	07/10/25 09:31	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.025		0.018	0.0075	mg/Kg	☼	07/10/25 15:15	07/11/25 11:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.27		0.27	0.13	mg/Kg	☼	07/06/25 12:53	07/07/25 11:17	1
pH (SW846 9045D)	7.7		0.2	0.2	SU			07/02/25 10:45	1

Definitions/Glossary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

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

Metals

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

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.

Glossary

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

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Definitions/Glossary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

GC/MS VOA

Analysis Batch: 824184

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	Total/NA	Solid	8260D	824229
500-270891-2	3055V-181-B01 (0-2)	Total/NA	Solid	8260D	824229
500-270891-3	3055V-200-B01 (0-2)	Total/NA	Solid	8260D	824229
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	8260D	824229
500-270891-5	3055V-01-B01 (0-5)	Total/NA	Solid	8260D	824229
MB 500-824184/7	Method Blank	Total/NA	Solid	8260D	
LCS 500-824184/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 500-824184/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

Prep Batch: 824229

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	Total/NA	Solid	5035	
500-270891-2	3055V-181-B01 (0-2)	Total/NA	Solid	5035	
500-270891-3	3055V-200-B01 (0-2)	Total/NA	Solid	5035	
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	5035	
500-270891-5	3055V-01-B01 (0-5)	Total/NA	Solid	5035	
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	5035	
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	5035	
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	5035	
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	5035	
500-270891-10	3055V-01-B02 (5-10)	Total/NA	Solid	5035	
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	5035	
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	5035	
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	5035	
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	5035	
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	5035	
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	5035	
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	5035	
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	5035	
500-270891-19	3055V-165-B01 (0-2)	Total/NA	Solid	5035	
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	5035	

Analysis Batch: 824263

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	8260D	824229
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	8260D	824229
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	8260D	824229
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	8260D	824229
500-270891-10	3055V-01-B02 (5-10)	Total/NA	Solid	8260D	824229
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	8260D	824229
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	8260D	824229
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	8260D	824229
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	8260D	824229
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	8260D	824229
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	8260D	824229
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	8260D	824229
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	8260D	824229
500-270891-19	3055V-165-B01 (0-2)	Total/NA	Solid	8260D	824229
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	8260D	824229
MB 500-824263/7	Method Blank	Total/NA	Solid	8260D	
LCS 500-824263/5	Lab Control Sample	Total/NA	Solid	8260D	

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

GC/MS VOA (Continued)

Analysis Batch: 824263 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 500-824263/8	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS Semi VOA

Prep Batch: 824387

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	Total/NA	Solid	3546	
500-270891-2	3055V-181-B01 (0-2)	Total/NA	Solid	3546	
500-270891-3	3055V-200-B01 (0-2)	Total/NA	Solid	3546	
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	3546	
500-270891-5	3055V-01-B01 (0-5)	Total/NA	Solid	3546	
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	3546	
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	3546	
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	3546	
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	3546	
500-270891-10	3055V-01-B02 (5-10)	Total/NA	Solid	3546	
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	3546	
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	3546	
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	3546	
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	3546	
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	3546	
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	3546	
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	3546	
500-270891-19	3055V-165-B01 (0-2)	Total/NA	Solid	3546	
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	3546	
MB 500-824387/1-A	Method Blank	Total/NA	Solid	3546	
LCS 500-824387/2-A	Lab Control Sample	Total/NA	Solid	3546	
500-270891-20 MS	3055V-193-B01 (0-2)	Total/NA	Solid	3546	
500-270891-20 MSD	3055V-193-B01 (0-2)	Total/NA	Solid	3546	

Analysis Batch: 824407

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	Total/NA	Solid	8270E	824387
500-270891-2	3055V-181-B01 (0-2)	Total/NA	Solid	8270E	824387
500-270891-3	3055V-200-B01 (0-2)	Total/NA	Solid	8270E	824387
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	8270E	824387
500-270891-5	3055V-01-B01 (0-5)	Total/NA	Solid	8270E	824387
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	8270E	824387
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	8270E	824387
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	8270E	824387
500-270891-10	3055V-01-B02 (5-10)	Total/NA	Solid	8270E	824387
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	8270E	824387
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	8270E	824387
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	8270E	824387
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	8270E	824387
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	8270E	824387
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	8270E	824387
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	8270E	824387
500-270891-19	3055V-165-B01 (0-2)	Total/NA	Solid	8270E	824387
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	8270E	824387
MB 500-824387/1-A	Method Blank	Total/NA	Solid	8270E	824387

Eurofins Chicago

QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

GC/MS Semi VOA (Continued)

Analysis Batch: 824407 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-824387/2-A	Lab Control Sample	Total/NA	Solid	8270E	824387
500-270891-20 MS	3055V-193-B01 (0-2)	Total/NA	Solid	8270E	824387
500-270891-20 MSD	3055V-193-B01 (0-2)	Total/NA	Solid	8270E	824387

Analysis Batch: 824795

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	8270E	824387

Prep Batch: 824905

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	3546	
MB 500-824905/1-A	Method Blank	Total/NA	Solid	3546	
LCS 500-824905/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 824983

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	8270E	824905
MB 500-824905/1-A	Method Blank	Total/NA	Solid	8270E	824905
LCS 500-824905/2-A	Lab Control Sample	Total/NA	Solid	8270E	824905

Metals

Prep Batch: 824432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	Total/NA	Solid	3050B	
500-270891-2	3055V-181-B01 (0-2)	Total/NA	Solid	3050B	
500-270891-3	3055V-200-B01 (0-2)	Total/NA	Solid	3050B	
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	3050B	
500-270891-5	3055V-01-B01 (0-5)	Total/NA	Solid	3050B	
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	3050B	
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	3050B	
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	3050B	
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	3050B	
500-270891-10	3055V-01-B02 (5-10)	Total/NA	Solid	3050B	
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	3050B	
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	3050B	
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	3050B	
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	3050B	
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	3050B	
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	3050B	
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	3050B	
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	3050B	
500-270891-19	3055V-165-B01 (0-2)	Total/NA	Solid	3050B	
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	3050B	
MB 500-824432/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-824432/2-A	Lab Control Sample	Total/NA	Solid	3050B	
500-270891-1 MS	3055V-179-B01 (0-1)	Total/NA	Solid	3050B	
500-270891-1 MSD	3055V-179-B01 (0-1)	Total/NA	Solid	3050B	
500-270891-1 DU	3055V-179-B01 (0-1)	Total/NA	Solid	3050B	

Eurofins Chicago

QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Metals

Leach Batch: 824709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	TCLP	Solid	1311	
500-270891-2	3055V-181-B01 (0-2)	TCLP	Solid	1311	
500-270891-6	3055V-01-B01 (5-10)	TCLP	Solid	1311	
500-270891-7	3055V-01-B01 (10-15)	TCLP	Solid	1311	
500-270891-9	3055V-01-B02 (0-5)	TCLP	Solid	1311	
500-270891-11	3055V-01-B02 (10-15)	TCLP	Solid	1311	
500-270891-12	3055V-01-B02 (10-15)D	TCLP	Solid	1311	
500-270891-13	3055V-01-B02 (15-20)	TCLP	Solid	1311	
500-270891-14	3055V-01-B04 (0-5)	TCLP	Solid	1311	
500-270891-15	3055V-01-B04 (5-10)	TCLP	Solid	1311	
LB 500-824709/1-B	Method Blank	TCLP	Solid	1311	
LB 500-824709/1-C	Method Blank	TCLP	Solid	1311	
500-270891-1 MS	3055V-179-B01 (0-1)	TCLP	Solid	1311	
500-270891-1 DU	3055V-179-B01 (0-1)	TCLP	Solid	1311	

Leach Batch: 824710

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	SPLP East	Solid	1312	
500-270891-2	3055V-181-B01 (0-2)	SPLP East	Solid	1312	
500-270891-3	3055V-200-B01 (0-2)	SPLP East	Solid	1312	
500-270891-4	3055V-200-B02 (0-1)	SPLP East	Solid	1312	
500-270891-5	3055V-01-B01 (0-5)	SPLP East	Solid	1312	
500-270891-6	3055V-01-B01 (5-10)	SPLP East	Solid	1312	
500-270891-7	3055V-01-B01 (10-15)	SPLP East	Solid	1312	
500-270891-8	3055V-01-B01 (15-19.5)	SPLP East	Solid	1312	
500-270891-9	3055V-01-B02 (0-5)	SPLP East	Solid	1312	
500-270891-10	3055V-01-B02 (5-10)	SPLP East	Solid	1312	
500-270891-11	3055V-01-B02 (10-15)	SPLP East	Solid	1312	
500-270891-12	3055V-01-B02 (10-15)D	SPLP East	Solid	1312	
500-270891-13	3055V-01-B02 (15-20)	SPLP East	Solid	1312	
500-270891-14	3055V-01-B04 (0-5)	SPLP East	Solid	1312	
500-270891-15	3055V-01-B04 (5-10)	SPLP East	Solid	1312	
LB 500-824710/1-B	Method Blank	SPLP East	Solid	1312	
500-270891-1 MS	3055V-179-B01 (0-1)	SPLP East	Solid	1312	
500-270891-1 DU	3055V-179-B01 (0-1)	SPLP East	Solid	1312	

Leach Batch: 824736

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-3	3055V-200-B01 (0-2)	TCLP	Solid	1311	
500-270891-4	3055V-200-B02 (0-1)	TCLP	Solid	1311	
500-270891-5	3055V-01-B01 (0-5)	TCLP	Solid	1311	
500-270891-8	3055V-01-B01 (15-19.5)	TCLP	Solid	1311	
500-270891-10	3055V-01-B02 (5-10)	TCLP	Solid	1311	
LB2 500-824736/1-B	Method Blank	TCLP	Solid	1311	
LB2 500-824736/1-C	Method Blank	TCLP	Solid	1311	

Leach Batch: 824870

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-16	3055V-01-B04 (10-15)	TCLP	Solid	1311	
500-270891-17	3055V-01-B04 (15-20)	TCLP	Solid	1311	
500-270891-18	3055V-165-B02 (0-1)	TCLP	Solid	1311	

Eurofins Chicago

QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Metals (Continued)

Leach Batch: 824870 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-19	3055V-165-B01 (0-2)	TCLP	Solid	1311	
LB 500-824870/1-B	Method Blank	TCLP	Solid	1311	
LB 500-824870/1-C	Method Blank	TCLP	Solid	1311	

Leach Batch: 824871

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-16	3055V-01-B04 (10-15)	SPLP East	Solid	1312	
500-270891-17	3055V-01-B04 (15-20)	SPLP East	Solid	1312	
500-270891-18	3055V-165-B02 (0-1)	SPLP East	Solid	1312	
500-270891-19	3055V-165-B01 (0-2)	SPLP East	Solid	1312	
LB 500-824871/1-C	Method Blank	SPLP East	Solid	1312	

Prep Batch: 824919

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	TCLP	Solid	3010A	824709
500-270891-2	3055V-181-B01 (0-2)	TCLP	Solid	3010A	824709
500-270891-3	3055V-200-B01 (0-2)	TCLP	Solid	3010A	824736
500-270891-4	3055V-200-B02 (0-1)	TCLP	Solid	3010A	824736
500-270891-5	3055V-01-B01 (0-5)	TCLP	Solid	3010A	824736
500-270891-6	3055V-01-B01 (5-10)	TCLP	Solid	3010A	824709
500-270891-7	3055V-01-B01 (10-15)	TCLP	Solid	3010A	824709
500-270891-8	3055V-01-B01 (15-19.5)	TCLP	Solid	3010A	824736
500-270891-9	3055V-01-B02 (0-5)	TCLP	Solid	3010A	824709
500-270891-10	3055V-01-B02 (5-10)	TCLP	Solid	3010A	824736
500-270891-11	3055V-01-B02 (10-15)	TCLP	Solid	3010A	824709
500-270891-12	3055V-01-B02 (10-15)D	TCLP	Solid	3010A	824709
500-270891-13	3055V-01-B02 (15-20)	TCLP	Solid	3010A	824709
500-270891-14	3055V-01-B04 (0-5)	TCLP	Solid	3010A	824709
500-270891-15	3055V-01-B04 (5-10)	TCLP	Solid	3010A	824709
LB 500-824709/1-B	Method Blank	TCLP	Solid	3010A	824709
LB2 500-824736/1-B	Method Blank	TCLP	Solid	3010A	824736
LCS 500-824919/16-A	Lab Control Sample	Total/NA	Solid	3010A	
LCS 500-824919/2-A	Lab Control Sample	Total/NA	Solid	3010A	
500-270891-1 MS	3055V-179-B01 (0-1)	TCLP	Solid	3010A	824709
500-270891-1 DU	3055V-179-B01 (0-1)	TCLP	Solid	3010A	824709

Prep Batch: 824920

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	SPLP East	Solid	3010A	824710
500-270891-2	3055V-181-B01 (0-2)	SPLP East	Solid	3010A	824710
500-270891-3	3055V-200-B01 (0-2)	SPLP East	Solid	3010A	824710
500-270891-4	3055V-200-B02 (0-1)	SPLP East	Solid	3010A	824710
500-270891-5	3055V-01-B01 (0-5)	SPLP East	Solid	3010A	824710
500-270891-6	3055V-01-B01 (5-10)	SPLP East	Solid	3010A	824710
500-270891-7	3055V-01-B01 (10-15)	SPLP East	Solid	3010A	824710
500-270891-8	3055V-01-B01 (15-19.5)	SPLP East	Solid	3010A	824710
500-270891-9	3055V-01-B02 (0-5)	SPLP East	Solid	3010A	824710
500-270891-10	3055V-01-B02 (5-10)	SPLP East	Solid	3010A	824710
500-270891-11	3055V-01-B02 (10-15)	SPLP East	Solid	3010A	824710
500-270891-12	3055V-01-B02 (10-15)D	SPLP East	Solid	3010A	824710
500-270891-13	3055V-01-B02 (15-20)	SPLP East	Solid	3010A	824710

Eurofins Chicago

QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Metals (Continued)

Prep Batch: 824920 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-14	3055V-01-B04 (0-5)	SPLP East	Solid	3010A	824710
500-270891-15	3055V-01-B04 (5-10)	SPLP East	Solid	3010A	824710
LB 500-824710/1-B	Method Blank	SPLP East	Solid	3010A	824710
LCS 500-824920/2-A	Lab Control Sample	Total/NA	Solid	3010A	
500-270891-1 MS	3055V-179-B01 (0-1)	SPLP East	Solid	3010A	824710
500-270891-1 DU	3055V-179-B01 (0-1)	SPLP East	Solid	3010A	824710

Leach Batch: 825006

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-20	3055V-193-B01 (0-2)	TCLP	Solid	1311	
LB 500-825006/1-B	Method Blank	TCLP	Solid	1311	
LB 500-825006/1-C	Method Blank	TCLP	Solid	1311	
500-270891-20 MS	3055V-193-B01 (0-2)	TCLP	Solid	1311	
500-270891-20 DU	3055V-193-B01 (0-2)	TCLP	Solid	1311	

Leach Batch: 825016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-20	3055V-193-B01 (0-2)	SPLP East	Solid	1312	
LB 500-825016/1-B	Method Blank	SPLP East	Solid	1312	
500-270891-20 MS	3055V-193-B01 (0-2)	SPLP East	Solid	1312	
500-270891-20 DU	3055V-193-B01 (0-2)	SPLP East	Solid	1312	

Analysis Batch: 825017

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	Total/NA	Solid	6010D	824432
500-270891-2	3055V-181-B01 (0-2)	Total/NA	Solid	6010D	824432
500-270891-3	3055V-200-B01 (0-2)	Total/NA	Solid	6010D	824432
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	6010D	824432
500-270891-5	3055V-01-B01 (0-5)	Total/NA	Solid	6010D	824432
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	6010D	824432
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	6010D	824432
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	6010D	824432
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	6010D	824432
500-270891-10	3055V-01-B02 (5-10)	Total/NA	Solid	6010D	824432
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	6010D	824432
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	6010D	824432
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	6010D	824432
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	6010D	824432
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	6010D	824432
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	6010D	824432
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	6010D	824432
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	6010D	824432
500-270891-19	3055V-165-B01 (0-2)	Total/NA	Solid	6010D	824432
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	6010D	824432
MB 500-824432/1-A	Method Blank	Total/NA	Solid	6010D	824432
LCS 500-824432/2-A	Lab Control Sample	Total/NA	Solid	6010D	824432
500-270891-1 MS	3055V-179-B01 (0-1)	Total/NA	Solid	6010D	824432
500-270891-1 MSD	3055V-179-B01 (0-1)	Total/NA	Solid	6010D	824432
500-270891-1 DU	3055V-179-B01 (0-1)	Total/NA	Solid	6010D	824432

Eurofins Chicago

QC Association Summary

Client: WSP USA Inc

Job ID: 500-270891-1

Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Metals

Prep Batch: 825055

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	TCLP	Solid	7470A	824709
500-270891-2	3055V-181-B01 (0-2)	TCLP	Solid	7470A	824709
500-270891-3	3055V-200-B01 (0-2)	TCLP	Solid	7470A	824736
500-270891-4	3055V-200-B02 (0-1)	TCLP	Solid	7470A	824736
500-270891-5	3055V-01-B01 (0-5)	TCLP	Solid	7470A	824736
500-270891-6	3055V-01-B01 (5-10)	TCLP	Solid	7470A	824709
500-270891-7	3055V-01-B01 (10-15)	TCLP	Solid	7470A	824709
500-270891-8	3055V-01-B01 (15-19.5)	TCLP	Solid	7470A	824736
500-270891-9	3055V-01-B02 (0-5)	TCLP	Solid	7470A	824709
500-270891-10	3055V-01-B02 (5-10)	TCLP	Solid	7470A	824736
500-270891-11	3055V-01-B02 (10-15)	TCLP	Solid	7470A	824709
500-270891-12	3055V-01-B02 (10-15)D	TCLP	Solid	7470A	824709
500-270891-13	3055V-01-B02 (15-20)	TCLP	Solid	7470A	824709
500-270891-14	3055V-01-B04 (0-5)	TCLP	Solid	7470A	824709
500-270891-15	3055V-01-B04 (5-10)	TCLP	Solid	7470A	824709
LB 500-824709/1-C	Method Blank	TCLP	Solid	7470A	824709
LB2 500-824736/1-C	Method Blank	TCLP	Solid	7470A	824736
MB 500-825055/12-A	Method Blank	Total/NA	Solid	7470A	
LCS 500-825055/14-A	Lab Control Sample	Total/NA	Solid	7470A	
LCS 500-825055/30-A	Lab Control Sample	Total/NA	Solid	7470A	
500-270891-1 MS	3055V-179-B01 (0-1)	TCLP	Solid	7470A	824709
500-270891-1 DU	3055V-179-B01 (0-1)	TCLP	Solid	7470A	824709

Prep Batch: 825103

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-16	3055V-01-B04 (10-15)	TCLP	Solid	3010A	824870
500-270891-17	3055V-01-B04 (15-20)	TCLP	Solid	3010A	824870
500-270891-18	3055V-165-B02 (0-1)	TCLP	Solid	3010A	824870
500-270891-19	3055V-165-B01 (0-2)	TCLP	Solid	3010A	824870
LB 500-824870/1-B	Method Blank	TCLP	Solid	3010A	824870
LCS 500-825103/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Analysis Batch: 825222

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	SPLP East	Solid	6010D	824920
500-270891-1	3055V-179-B01 (0-1)	TCLP	Solid	6010D	824919
500-270891-2	3055V-181-B01 (0-2)	SPLP East	Solid	6010D	824920
500-270891-2	3055V-181-B01 (0-2)	TCLP	Solid	6010D	824919
500-270891-3	3055V-200-B01 (0-2)	SPLP East	Solid	6010D	824920
500-270891-3	3055V-200-B01 (0-2)	TCLP	Solid	6010D	824919
500-270891-4	3055V-200-B02 (0-1)	SPLP East	Solid	6010D	824920
500-270891-4	3055V-200-B02 (0-1)	TCLP	Solid	6010D	824919
500-270891-5	3055V-01-B01 (0-5)	SPLP East	Solid	6010D	824920
500-270891-5	3055V-01-B01 (0-5)	TCLP	Solid	6010D	824919
500-270891-6	3055V-01-B01 (5-10)	SPLP East	Solid	6010D	824920
500-270891-6	3055V-01-B01 (5-10)	TCLP	Solid	6010D	824919
500-270891-7	3055V-01-B01 (10-15)	SPLP East	Solid	6010D	824920
500-270891-7	3055V-01-B01 (10-15)	TCLP	Solid	6010D	824919
500-270891-8	3055V-01-B01 (15-19.5)	SPLP East	Solid	6010D	824920
500-270891-8	3055V-01-B01 (15-19.5)	TCLP	Solid	6010D	824919
500-270891-9	3055V-01-B02 (0-5)	SPLP East	Solid	6010D	824920

Eurofins Chicago

QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Metals (Continued)

Analysis Batch: 825222 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-9	3055V-01-B02 (0-5)	TCLP	Solid	6010D	824919
500-270891-10	3055V-01-B02 (5-10)	SPLP East	Solid	6010D	824920
500-270891-10	3055V-01-B02 (5-10)	TCLP	Solid	6010D	824919
500-270891-11	3055V-01-B02 (10-15)	SPLP East	Solid	6010D	824920
500-270891-11	3055V-01-B02 (10-15)	TCLP	Solid	6010D	824919
500-270891-12	3055V-01-B02 (10-15)D	SPLP East	Solid	6010D	824920
500-270891-12	3055V-01-B02 (10-15)D	TCLP	Solid	6010D	824919
500-270891-13	3055V-01-B02 (15-20)	SPLP East	Solid	6010D	824920
500-270891-13	3055V-01-B02 (15-20)	TCLP	Solid	6010D	824919
500-270891-14	3055V-01-B04 (0-5)	SPLP East	Solid	6010D	824920
500-270891-14	3055V-01-B04 (0-5)	TCLP	Solid	6010D	824919
500-270891-15	3055V-01-B04 (5-10)	SPLP East	Solid	6010D	824920
500-270891-15	3055V-01-B04 (5-10)	TCLP	Solid	6010D	824919
LB 500-824709/1-B	Method Blank	TCLP	Solid	6010D	824919
LB 500-824710/1-B	Method Blank	SPLP East	Solid	6010D	824920
LB2 500-824736/1-B	Method Blank	TCLP	Solid	6010D	824919
LCS 500-824919/16-A	Lab Control Sample	Total/NA	Solid	6010D	824919
LCS 500-824919/2-A	Lab Control Sample	Total/NA	Solid	6010D	824919
LCS 500-824920/2-A	Lab Control Sample	Total/NA	Solid	6010D	824920
500-270891-1 MS	3055V-179-B01 (0-1)	SPLP East	Solid	6010D	824920
500-270891-1 MS	3055V-179-B01 (0-1)	TCLP	Solid	6010D	824919
500-270891-1 DU	3055V-179-B01 (0-1)	SPLP East	Solid	6010D	824920
500-270891-1 DU	3055V-179-B01 (0-1)	TCLP	Solid	6010D	824919

Analysis Batch: 825242

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	6010D	824432
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	6010D	824432
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	6010D	824432
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	6010D	824432
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	6010D	824432
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	6010D	824432
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	6010D	824432
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	6010D	824432
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	6010D	824432
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	6010D	824432
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	6010D	824432
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	6010D	824432
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	6010D	824432
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	6010D	824432
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	6010D	824432
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	6010D	824432

Analysis Batch: 825265

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	TCLP	Solid	7470A	825055
500-270891-2	3055V-181-B01 (0-2)	TCLP	Solid	7470A	825055
500-270891-3	3055V-200-B01 (0-2)	TCLP	Solid	7470A	825055
500-270891-4	3055V-200-B02 (0-1)	TCLP	Solid	7470A	825055
500-270891-5	3055V-01-B01 (0-5)	TCLP	Solid	7470A	825055
500-270891-6	3055V-01-B01 (5-10)	TCLP	Solid	7470A	825055

Eurofins Chicago

QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Metals (Continued)

Analysis Batch: 825265 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-7	3055V-01-B01 (10-15)	TCLP	Solid	7470A	825055
500-270891-8	3055V-01-B01 (15-19.5)	TCLP	Solid	7470A	825055
500-270891-9	3055V-01-B02 (0-5)	TCLP	Solid	7470A	825055
500-270891-10	3055V-01-B02 (5-10)	TCLP	Solid	7470A	825055
500-270891-11	3055V-01-B02 (10-15)	TCLP	Solid	7470A	825055
500-270891-12	3055V-01-B02 (10-15)D	TCLP	Solid	7470A	825055
500-270891-13	3055V-01-B02 (15-20)	TCLP	Solid	7470A	825055
500-270891-14	3055V-01-B04 (0-5)	TCLP	Solid	7470A	825055
500-270891-15	3055V-01-B04 (5-10)	TCLP	Solid	7470A	825055
LB 500-824709/1-C	Method Blank	TCLP	Solid	7470A	825055
LB2 500-824736/1-C	Method Blank	TCLP	Solid	7470A	825055
MB 500-825055/12-A	Method Blank	Total/NA	Solid	7470A	825055
LCS 500-825055/14-A	Lab Control Sample	Total/NA	Solid	7470A	825055
LCS 500-825055/30-A	Lab Control Sample	Total/NA	Solid	7470A	825055
500-270891-1 MS	3055V-179-B01 (0-1)	TCLP	Solid	7470A	825055
500-270891-1 DU	3055V-179-B01 (0-1)	TCLP	Solid	7470A	825055

Prep Batch: 825271

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-16	3055V-01-B04 (10-15)	TCLP	Solid	7470A	824870
500-270891-17	3055V-01-B04 (15-20)	TCLP	Solid	7470A	824870
500-270891-18	3055V-165-B02 (0-1)	TCLP	Solid	7470A	824870
500-270891-19	3055V-165-B01 (0-2)	TCLP	Solid	7470A	824870
LB 500-824870/1-C	Method Blank	TCLP	Solid	7470A	824870
MB 500-825271/12-A	Method Blank	Total/NA	Solid	7470A	
LCS 500-825271/14-A	Lab Control Sample	Total/NA	Solid	7470A	

Prep Batch: 825298

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-20	3055V-193-B01 (0-2)	TCLP	Solid	3010A	825006
LB 500-825006/1-B	Method Blank	TCLP	Solid	3010A	825006
LCS 500-825298/2-A	Lab Control Sample	Total/NA	Solid	3010A	
500-270891-20 MS	3055V-193-B01 (0-2)	TCLP	Solid	3010A	825006
500-270891-20 DU	3055V-193-B01 (0-2)	TCLP	Solid	3010A	825006

Prep Batch: 825300

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-16	3055V-01-B04 (10-15)	SPLP East	Solid	3010A	824871
500-270891-17	3055V-01-B04 (15-20)	SPLP East	Solid	3010A	824871
500-270891-18	3055V-165-B02 (0-1)	SPLP East	Solid	3010A	824871
500-270891-19	3055V-165-B01 (0-2)	SPLP East	Solid	3010A	824871
LB 500-824871/1-C	Method Blank	SPLP East	Solid	3010A	824871
LCS 500-825300/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Prep Batch: 825301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	Total/NA	Solid	7471B	
500-270891-2	3055V-181-B01 (0-2)	Total/NA	Solid	7471B	
500-270891-3	3055V-200-B01 (0-2)	Total/NA	Solid	7471B	
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	7471B	
500-270891-5	3055V-01-B01 (0-5)	Total/NA	Solid	7471B	

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Metals (Continued)

Prep Batch: 825301 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	7471B	
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	7471B	
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	7471B	
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	7471B	
500-270891-10	3055V-01-B02 (5-10)	Total/NA	Solid	7471B	
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	7471B	
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	7471B	
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	7471B	
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	7471B	
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	7471B	
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	7471B	
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	7471B	
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	7471B	
500-270891-19	3055V-165-B01 (0-2)	Total/NA	Solid	7471B	
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	7471B	
MB 500-825301/12-A	Method Blank	Total/NA	Solid	7471B	
LCS 500-825301/13-A	Lab Control Sample	Total/NA	Solid	7471B	
500-270891-11 MS	3055V-01-B02 (10-15)	Total/NA	Solid	7471B	
500-270891-11 MSD	3055V-01-B02 (10-15)	Total/NA	Solid	7471B	
500-270891-11 DU	3055V-01-B02 (10-15)	Total/NA	Solid	7471B	

Prep Batch: 825322

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-20	3055V-193-B01 (0-2)	SPLP East	Solid	3010A	825016
LB 500-825016/1-B	Method Blank	SPLP East	Solid	3010A	825016
LCS 500-825322/2-A	Lab Control Sample	Total/NA	Solid	3010A	
500-270891-20 MS	3055V-193-B01 (0-2)	SPLP East	Solid	3010A	825016
500-270891-20 DU	3055V-193-B01 (0-2)	SPLP East	Solid	3010A	825016

Analysis Batch: 825353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-16	3055V-01-B04 (10-15)	TCLP	Solid	6010D	825103
500-270891-17	3055V-01-B04 (15-20)	TCLP	Solid	6010D	825103
500-270891-18	3055V-165-B02 (0-1)	TCLP	Solid	6010D	825103
500-270891-19	3055V-165-B01 (0-2)	TCLP	Solid	6010D	825103
LB 500-824870/1-B	Method Blank	TCLP	Solid	6010D	825103
LCS 500-825103/2-A	Lab Control Sample	Total/NA	Solid	6010D	825103

Analysis Batch: 825354

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	TCLP	Solid	6010D	824919
500-270891-2	3055V-181-B01 (0-2)	TCLP	Solid	6010D	824919
500-270891-6	3055V-01-B01 (5-10)	TCLP	Solid	6010D	824919
500-270891-7	3055V-01-B01 (10-15)	TCLP	Solid	6010D	824919
500-270891-9	3055V-01-B02 (0-5)	TCLP	Solid	6010D	824919
500-270891-11	3055V-01-B02 (10-15)	TCLP	Solid	6010D	824919
500-270891-12	3055V-01-B02 (10-15)D	TCLP	Solid	6010D	824919
500-270891-13	3055V-01-B02 (15-20)	TCLP	Solid	6010D	824919
500-270891-14	3055V-01-B04 (0-5)	TCLP	Solid	6010D	824919
500-270891-15	3055V-01-B04 (5-10)	TCLP	Solid	6010D	824919
LB 500-824709/1-B	Method Blank	TCLP	Solid	6010D	824919

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Metals (Continued)

Analysis Batch: 825354 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-824919/2-A	Lab Control Sample	Total/NA	Solid	6010D	824919
500-270891-1 MS	3055V-179-B01 (0-1)	TCLP	Solid	6010D	824919
500-270891-1 DU	3055V-179-B01 (0-1)	TCLP	Solid	6010D	824919

Analysis Batch: 825416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-3	3055V-200-B01 (0-2)	TCLP	Solid	6010D	824919
500-270891-8	3055V-01-B01 (15-19.5)	TCLP	Solid	6010D	824919
500-270891-10	3055V-01-B02 (5-10)	TCLP	Solid	6010D	824919

Analysis Batch: 825455

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-16	3055V-01-B04 (10-15)	TCLP	Solid	7470A	825271
500-270891-17	3055V-01-B04 (15-20)	TCLP	Solid	7470A	825271
500-270891-18	3055V-165-B02 (0-1)	TCLP	Solid	7470A	825271
500-270891-19	3055V-165-B01 (0-2)	TCLP	Solid	7470A	825271
LB 500-824870/1-C	Method Blank	TCLP	Solid	7470A	825271
MB 500-825271/12-A	Method Blank	Total/NA	Solid	7470A	825271
LCS 500-825271/14-A	Lab Control Sample	Total/NA	Solid	7470A	825271

Analysis Batch: 825473

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	Total/NA	Solid	7471B	825301
500-270891-2	3055V-181-B01 (0-2)	Total/NA	Solid	7471B	825301
500-270891-3	3055V-200-B01 (0-2)	Total/NA	Solid	7471B	825301
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	7471B	825301
500-270891-5	3055V-01-B01 (0-5)	Total/NA	Solid	7471B	825301
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	7471B	825301
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	7471B	825301
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	7471B	825301
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	7471B	825301
500-270891-10	3055V-01-B02 (5-10)	Total/NA	Solid	7471B	825301
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	7471B	825301
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	7471B	825301
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	7471B	825301
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	7471B	825301
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	7471B	825301
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	7471B	825301
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	7471B	825301
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	7471B	825301
500-270891-19	3055V-165-B01 (0-2)	Total/NA	Solid	7471B	825301
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	7471B	825301
MB 500-825301/12-A	Method Blank	Total/NA	Solid	7471B	825301
LCS 500-825301/13-A	Lab Control Sample	Total/NA	Solid	7471B	825301
500-270891-11 MS	3055V-01-B02 (10-15)	Total/NA	Solid	7471B	825301
500-270891-11 MSD	3055V-01-B02 (10-15)	Total/NA	Solid	7471B	825301
500-270891-11 DU	3055V-01-B02 (10-15)	Total/NA	Solid	7471B	825301

Analysis Batch: 825582

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-16	3055V-01-B04 (10-15)	SPLP East	Solid	6010D	825300

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QC Association Summary

Client: WSP USA Inc

Job ID: 500-270891-1

Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Metals (Continued)

Analysis Batch: 825582 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-17	3055V-01-B04 (15-20)	SPLP East	Solid	6010D	825300
500-270891-18	3055V-165-B02 (0-1)	SPLP East	Solid	6010D	825300
500-270891-19	3055V-165-B01 (0-2)	SPLP East	Solid	6010D	825300
500-270891-20	3055V-193-B01 (0-2)	SPLP East	Solid	6010D	825322
LB 500-824871/1-C	Method Blank	SPLP East	Solid	6010D	825300
LB 500-825016/1-B	Method Blank	SPLP East	Solid	6010D	825322
LCS 500-825300/2-A	Lab Control Sample	Total/NA	Solid	6010D	825300
LCS 500-825322/2-A	Lab Control Sample	Total/NA	Solid	6010D	825322
500-270891-20 MS	3055V-193-B01 (0-2)	SPLP East	Solid	6010D	825322
500-270891-20 DU	3055V-193-B01 (0-2)	SPLP East	Solid	6010D	825322

Analysis Batch: 825584

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-16	3055V-01-B04 (10-15)	TCLP	Solid	6010D	825103
500-270891-17	3055V-01-B04 (15-20)	TCLP	Solid	6010D	825103
500-270891-18	3055V-165-B02 (0-1)	TCLP	Solid	6010D	825103
500-270891-19	3055V-165-B01 (0-2)	TCLP	Solid	6010D	825103
500-270891-20	3055V-193-B01 (0-2)	TCLP	Solid	6010D	825298
LB 500-825006/1-B	Method Blank	TCLP	Solid	6010D	825298
LCS 500-825298/2-A	Lab Control Sample	Total/NA	Solid	6010D	825298
500-270891-20 MS	3055V-193-B01 (0-2)	TCLP	Solid	6010D	825298
500-270891-20 DU	3055V-193-B01 (0-2)	TCLP	Solid	6010D	825298

Prep Batch: 825664

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-20	3055V-193-B01 (0-2)	TCLP	Solid	7470A	825006
LB 500-825006/1-C	Method Blank	TCLP	Solid	7470A	825006
MB 500-825664/12-A	Method Blank	Total/NA	Solid	7470A	
LCS 500-825664/14-A	Lab Control Sample	Total/NA	Solid	7470A	
500-270891-20 MS	3055V-193-B01 (0-2)	TCLP	Solid	7470A	825006
500-270891-20 DU	3055V-193-B01 (0-2)	TCLP	Solid	7470A	825006

Analysis Batch: 825793

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	TCLP	Solid	6020B	824919
500-270891-2	3055V-181-B01 (0-2)	TCLP	Solid	6020B	824919
500-270891-3	3055V-200-B01 (0-2)	TCLP	Solid	6020B	824919
500-270891-4	3055V-200-B02 (0-1)	TCLP	Solid	6020B	824919
500-270891-5	3055V-01-B01 (0-5)	TCLP	Solid	6020B	824919
500-270891-6	3055V-01-B01 (5-10)	TCLP	Solid	6020B	824919
500-270891-7	3055V-01-B01 (10-15)	TCLP	Solid	6020B	824919
500-270891-8	3055V-01-B01 (15-19.5)	TCLP	Solid	6020B	824919
500-270891-9	3055V-01-B02 (0-5)	TCLP	Solid	6020B	824919
500-270891-10	3055V-01-B02 (5-10)	TCLP	Solid	6020B	824919
500-270891-11	3055V-01-B02 (10-15)	TCLP	Solid	6020B	824919
500-270891-12	3055V-01-B02 (10-15)D	TCLP	Solid	6020B	824919
500-270891-13	3055V-01-B02 (15-20)	TCLP	Solid	6020B	824919
500-270891-14	3055V-01-B04 (0-5)	TCLP	Solid	6020B	824919
500-270891-15	3055V-01-B04 (5-10)	TCLP	Solid	6020B	824919
500-270891-16	3055V-01-B04 (10-15)	TCLP	Solid	6020B	825103
500-270891-17	3055V-01-B04 (15-20)	TCLP	Solid	6020B	825103

Eurofins Chicago

QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Metals (Continued)

Analysis Batch: 825793 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-18	3055V-165-B02 (0-1)	TCLP	Solid	6020B	825103
500-270891-19	3055V-165-B01 (0-2)	TCLP	Solid	6020B	825103
500-270891-20	3055V-193-B01 (0-2)	TCLP	Solid	6020B	825298
LB 500-824709/1-B	Method Blank	TCLP	Solid	6020B	824919
LB 500-824870/1-B	Method Blank	TCLP	Solid	6020B	825103
LB 500-825006/1-B	Method Blank	TCLP	Solid	6020B	825298
LB2 500-824736/1-B	Method Blank	TCLP	Solid	6020B	824919
LCS 500-824919/16-A	Lab Control Sample	Total/NA	Solid	6020B	824919
LCS 500-824919/2-A	Lab Control Sample	Total/NA	Solid	6020B	824919
LCS 500-825103/2-A	Lab Control Sample	Total/NA	Solid	6020B	825103
LCS 500-825298/2-A	Lab Control Sample	Total/NA	Solid	6020B	825298
500-270891-1 MS	3055V-179-B01 (0-1)	TCLP	Solid	6020B	824919
500-270891-20 MS	3055V-193-B01 (0-2)	TCLP	Solid	6020B	825298
500-270891-1 DU	3055V-179-B01 (0-1)	TCLP	Solid	6020B	824919
500-270891-20 DU	3055V-193-B01 (0-2)	TCLP	Solid	6020B	825298

Analysis Batch: 825794

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-20	3055V-193-B01 (0-2)	TCLP	Solid	6010D	825298
500-270891-20 MS	3055V-193-B01 (0-2)	TCLP	Solid	6010D	825298
500-270891-20 DU	3055V-193-B01 (0-2)	TCLP	Solid	6010D	825298

Analysis Batch: 825842

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-20	3055V-193-B01 (0-2)	TCLP	Solid	7470A	825664
LB 500-825006/1-C	Method Blank	TCLP	Solid	7470A	825664
MB 500-825664/12-A	Method Blank	Total/NA	Solid	7470A	825664
LCS 500-825664/14-A	Lab Control Sample	Total/NA	Solid	7470A	825664
500-270891-20 MS	3055V-193-B01 (0-2)	TCLP	Solid	7470A	825664
500-270891-20 DU	3055V-193-B01 (0-2)	TCLP	Solid	7470A	825664

General Chemistry

Analysis Batch: 824244

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	Total/NA	Solid	Moisture	
500-270891-2	3055V-181-B01 (0-2)	Total/NA	Solid	Moisture	
500-270891-3	3055V-200-B01 (0-2)	Total/NA	Solid	Moisture	
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	Moisture	
500-270891-5	3055V-01-B01 (0-5)	Total/NA	Solid	Moisture	
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	Moisture	
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	Moisture	
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	Moisture	
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	Moisture	
500-270891-10	3055V-01-B02 (5-10)	Total/NA	Solid	Moisture	
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	Moisture	
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	Moisture	
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	Moisture	
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	Moisture	
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	Moisture	
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	Moisture	

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

General Chemistry (Continued)

Analysis Batch: 824244 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	Moisture	
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	Moisture	
500-270891-19	3055V-165-B01 (0-2)	Total/NA	Solid	Moisture	
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	Moisture	
500-270891-1 DU	3055V-179-B01 (0-1)	Total/NA	Solid	Moisture	

Analysis Batch: 824296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	Total/NA	Solid	9045D	
500-270891-2	3055V-181-B01 (0-2)	Total/NA	Solid	9045D	
500-270891-3	3055V-200-B01 (0-2)	Total/NA	Solid	9045D	
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	9045D	
500-270891-5	3055V-01-B01 (0-5)	Total/NA	Solid	9045D	
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	9045D	
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	9045D	
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	9045D	
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	9045D	
500-270891-10	3055V-01-B02 (5-10)	Total/NA	Solid	9045D	
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	9045D	
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	9045D	
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	9045D	
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	9045D	
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	9045D	
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	9045D	
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	9045D	
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	9045D	
500-270891-19	3055V-165-B01 (0-2)	Total/NA	Solid	9045D	
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	9045D	
LCS 500-824296/2	Lab Control Sample	Total/NA	Solid	9045D	
LCSD 500-824296/3	Lab Control Sample Dup	Total/NA	Solid	9045D	
500-270891-10 DU	3055V-01-B02 (5-10)	Total/NA	Solid	9045D	

Prep Batch: 824575

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	Total/NA	Solid	9010C	
500-270891-2	3055V-181-B01 (0-2)	Total/NA	Solid	9010C	
500-270891-3	3055V-200-B01 (0-2)	Total/NA	Solid	9010C	
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	9010C	
500-270891-5	3055V-01-B01 (0-5)	Total/NA	Solid	9010C	
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	9010C	
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	9010C	
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	9010C	
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	9010C	
500-270891-10	3055V-01-B02 (5-10)	Total/NA	Solid	9010C	
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	9010C	
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	9010C	
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	9010C	
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	9010C	
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	9010C	
MB 500-824575/1-A	Method Blank	Total/NA	Solid	9010C	
LCS 500-824575/2-A	Lab Control Sample	Total/NA	Solid	9010C	

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

General Chemistry (Continued)

Prep Batch: 824575 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-5 MS	3055V-01-B01 (0-5)	Total/NA	Solid	9010C	
500-270891-5 MSD	3055V-01-B01 (0-5)	Total/NA	Solid	9010C	
500-270891-12 MS	3055V-01-B02 (10-15)D	Total/NA	Solid	9010C	
500-270891-12 MSD	3055V-01-B02 (10-15)D	Total/NA	Solid	9010C	

Prep Batch: 824706

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	9010C	
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	9010C	
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	9010C	
500-270891-19	3055V-165-B01 (0-2)	Total/NA	Solid	9010C	
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	9010C	
MB 500-824706/1-A	Method Blank	Total/NA	Solid	9010C	
LCS 500-824706/2-A	Lab Control Sample	Total/NA	Solid	9010C	

Analysis Batch: 824731

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	Total/NA	Solid	9012B	824575
500-270891-2	3055V-181-B01 (0-2)	Total/NA	Solid	9012B	824575
500-270891-3	3055V-200-B01 (0-2)	Total/NA	Solid	9012B	824575
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	9012B	824575
500-270891-5	3055V-01-B01 (0-5)	Total/NA	Solid	9012B	824575
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	9012B	824575
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	9012B	824575
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	9012B	824575
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	9012B	824575
500-270891-10	3055V-01-B02 (5-10)	Total/NA	Solid	9012B	824575
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	9012B	824575
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	9012B	824575
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	9012B	824575
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	9012B	824575
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	9012B	824575
MB 500-824575/1-A	Method Blank	Total/NA	Solid	9012B	824575
LCS 500-824575/2-A	Lab Control Sample	Total/NA	Solid	9012B	824575
500-270891-5 MS	3055V-01-B01 (0-5)	Total/NA	Solid	9012B	824575
500-270891-5 MSD	3055V-01-B01 (0-5)	Total/NA	Solid	9012B	824575
500-270891-12 MS	3055V-01-B02 (10-15)D	Total/NA	Solid	9012B	824575
500-270891-12 MSD	3055V-01-B02 (10-15)D	Total/NA	Solid	9012B	824575

Analysis Batch: 824754

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	9012B	824706
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	9012B	824706
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	9012B	824706
500-270891-19	3055V-165-B01 (0-2)	Total/NA	Solid	9012B	824706
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	9012B	824706
MB 500-824706/1-A	Method Blank	Total/NA	Solid	9012B	824706
LCS 500-824706/2-A	Lab Control Sample	Total/NA	Solid	9012B	824706

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Surrogate Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (75-131)	DBFM (75-126)	DCA (70-134)	TOL (75-124)
500-270891-1	3055V-179-B01 (0-1)	113	99	96	105
500-270891-2	3055V-181-B01 (0-2)	112	96	99	103
500-270891-3	3055V-200-B01 (0-2)	113	97	97	104
500-270891-4	3055V-200-B02 (0-1)	115	98	97	105
500-270891-5	3055V-01-B01 (0-5)	112	100	101	101
500-270891-6	3055V-01-B01 (5-10)	103	101	99	103
500-270891-7	3055V-01-B01 (10-15)	103	103	100	106
500-270891-8	3055V-01-B01 (15-19.5)	103	105	95	107
500-270891-9	3055V-01-B02 (0-5)	104	101	98	104
500-270891-10	3055V-01-B02 (5-10)	105	102	98	105
500-270891-11	3055V-01-B02 (10-15)	99	102	99	107
500-270891-12	3055V-01-B02 (10-15)D	103	103	99	107
500-270891-13	3055V-01-B02 (15-20)	106	102	98	111
500-270891-14	3055V-01-B04 (0-5)	97	103	101	101
500-270891-15	3055V-01-B04 (5-10)	100	104	105	100
500-270891-16	3055V-01-B04 (10-15)	101	105	101	105
500-270891-17	3055V-01-B04 (15-20)	110	105	100	110
500-270891-18	3055V-165-B02 (0-1)	99	102	100	102
500-270891-19	3055V-165-B01 (0-2)	98	103	103	100
500-270891-20	3055V-193-B01 (0-2)	108	103	105	105
LCS 500-824184/4	Lab Control Sample	112	92	86	105
LCS 500-824263/5	Lab Control Sample	99	103	96	103
LCSD 500-824184/5	Lab Control Sample Dup	111	96	88	105
LCSD 500-824263/8	Lab Control Sample Dup	99	101	96	103
MB 500-824184/7	Method Blank	112	91	90	106
MB 500-824263/7	Method Blank	99	101	95	99

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		2FP (31-166)	PHL (30-153)	NBZ (37-147)	FBP (43-145)	TBP (31-143)	TPHL (42-157)
500-270891-1	3055V-179-B01 (0-1)	78	80	84	85	75	96
500-270891-2	3055V-181-B01 (0-2)	66	72	75	77	48	88
500-270891-3	3055V-200-B01 (0-2)	84	83	88	89	71	98
500-270891-4	3055V-200-B02 (0-1)	78	80	84	84	77	94
500-270891-5	3055V-01-B01 (0-5)	82	79	89	88	71	97
500-270891-6	3055V-01-B01 (5-10)	80	79	87	85	66	92
500-270891-7	3055V-01-B01 (10-15)	82	81	88	89	53	93
500-270891-8	3055V-01-B01 (15-19.5)	70	71	75	86	36	94
500-270891-9	3055V-01-B02 (0-5)	54	53	50	63	72	69
500-270891-10	3055V-01-B02 (5-10)	79	79	83	80	66	82
500-270891-11	3055V-01-B02 (10-15)	62	66	62	74	51	92

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Surrogate Summary

Client: WSP USA Inc

Job ID: 500-270891-1

Project/Site: IDOT - 196-002-WO55A I-290 Central Park

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		2FP (31-166)	PHL (30-153)	NBZ (37-147)	FBP (43-145)	TBP (31-143)	TPHL (42-157)
500-270891-12	3055V-01-B02 (10-15)D	62	65	66	72	48	92
500-270891-13	3055V-01-B02 (15-20)	63	68	68	71	44	89
500-270891-14	3055V-01-B04 (0-5)	61	60	65	62	62	73
500-270891-15	3055V-01-B04 (5-10)	68	70	77	81	46	91
500-270891-16	3055V-01-B04 (10-15)	64	67	69	73	54	85
500-270891-17	3055V-01-B04 (15-20)	73	75	81	83	48	97
500-270891-18	3055V-165-B02 (0-1)	71	78	81	85	77	98
500-270891-19	3055V-165-B01 (0-2)	76	74	79	75	68	79
500-270891-20	3055V-193-B01 (0-2)	77	73	85	85	60	93
500-270891-20 MS	3055V-193-B01 (0-2)	71	71	77	79	68	89
500-270891-20 MSD	3055V-193-B01 (0-2)	80	79	87	87	70	94
LCS 500-824387/2-A	Lab Control Sample	75	77	80	78	75	82
LCS 500-824905/2-A	Lab Control Sample	79	80	85	83	81	90
MB 500-824387/1-A	Method Blank	49	50	54	50	47	54
MB 500-824905/1-A	Method Blank	81	82	89	86	82	91

Surrogate Legend

2FP = 2-Fluorophenol (Surr)

PHL = Phenol-d5 (Surr)

NBZ = Nitrobenzene-d5 (Surr)

FBP = 2-Fluorobiphenyl (Surr)

TBP = 2,4,6-Tribromophenol (Surr)

TPHL = Terphenyl-d14 (Surr)

QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: MB 500-824184/7

Matrix: Solid

Analysis Batch: 824184

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.020		0.020	0.0084	mg/Kg			07/02/25 11:30	1
Benzene	<0.0020		0.0020	0.00063	mg/Kg			07/02/25 11:30	1
Bromodichloromethane	<0.0020		0.0020	0.00064	mg/Kg			07/02/25 11:30	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg			07/02/25 11:30	1
Bromomethane	<0.0050		0.0050	0.0025	mg/Kg			07/02/25 11:30	1
2-Butanone (MEK)	<0.0050		0.0050	0.0022	mg/Kg			07/02/25 11:30	1
Carbon disulfide	<0.0050		0.0050	0.00092	mg/Kg			07/02/25 11:30	1
Carbon tetrachloride	<0.0020		0.0020	0.00068	mg/Kg			07/02/25 11:30	1
Chlorobenzene	<0.0020		0.0020	0.00084	mg/Kg			07/02/25 11:30	1
Chloroethane	<0.0050		0.0050	0.0016	mg/Kg			07/02/25 11:30	1
Chloroform	<0.0020		0.0020	0.0014	mg/Kg			07/02/25 11:30	1
Chloromethane	<0.0050		0.0050	0.00097	mg/Kg			07/02/25 11:30	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00081	mg/Kg			07/02/25 11:30	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00080	mg/Kg			07/02/25 11:30	1
Dibromochloromethane	<0.0020		0.0020	0.00093	mg/Kg			07/02/25 11:30	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	3.5	ug/Kg			07/02/25 11:30	1
1,1-Dichloroethane	<0.0020		0.0020	0.00075	mg/Kg			07/02/25 11:30	1
1,2-Dichloroethane	<0.0050		0.0050	0.0013	mg/Kg			07/02/25 11:30	1
1,1-Dichloroethene	<0.0020		0.0020	0.00082	mg/Kg			07/02/25 11:30	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg			07/02/25 11:30	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00096	mg/Kg			07/02/25 11:30	1
Ethylbenzene	<0.0020		0.0020	0.0011	mg/Kg			07/02/25 11:30	1
2-Hexanone	<0.0050		0.0050	0.0030	mg/Kg			07/02/25 11:30	1
Methylene Chloride	<0.0050		0.0050	0.0021	mg/Kg			07/02/25 11:30	1
4-Methyl-2-pentanone (MIBK)	<0.0050		0.0050	0.0036	mg/Kg			07/02/25 11:30	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00065	mg/Kg			07/02/25 11:30	1
Styrene	<0.0020		0.0020	0.00090	mg/Kg			07/02/25 11:30	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00099	mg/Kg			07/02/25 11:30	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg			07/02/25 11:30	1
Toluene	<0.0020		0.0020	0.00040	mg/Kg			07/02/25 11:30	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00076	mg/Kg			07/02/25 11:30	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00096	mg/Kg			07/02/25 11:30	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00081	mg/Kg			07/02/25 11:30	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00075	mg/Kg			07/02/25 11:30	1
Trichloroethene	<0.0020		0.0020	0.00054	mg/Kg			07/02/25 11:30	1
Vinyl acetate	<0.0050		0.0050	0.0012	mg/Kg			07/02/25 11:30	1
Vinyl chloride	<0.0020		0.0020	0.00082	mg/Kg			07/02/25 11:30	1
Xylenes, Total	<0.0040		0.0040	0.00069	mg/Kg			07/02/25 11:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		75 - 131		07/02/25 11:30	1
Dibromofluoromethane	91		75 - 126		07/02/25 11:30	1
1,2-Dichloroethane-d4 (Surr)	90		70 - 134		07/02/25 11:30	1
Toluene-d8 (Surr)	106		75 - 124		07/02/25 11:30	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: LCS 500-824184/4

Matrix: Solid

Analysis Batch: 824184

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	0.0500	0.0338		mg/Kg		68	40 - 150
Benzene	0.0500	0.0530		mg/Kg		106	70 - 125
Bromodichloromethane	0.0500	0.0478		mg/Kg		96	67 - 129
Bromoform	0.0500	0.0408		mg/Kg		82	68 - 136
Bromomethane	0.0500	0.0500		mg/Kg		100	70 - 130
2-Butanone (MEK)	0.0500	0.0353		mg/Kg		71	47 - 138
Carbon disulfide	0.0500	0.0499		mg/Kg		100	70 - 129
Carbon tetrachloride	0.0500	0.0495		mg/Kg		99	75 - 125
Chlorobenzene	0.0500	0.0518		mg/Kg		104	50 - 150
Chloroethane	0.0500	0.0488		mg/Kg		98	75 - 125
Chloroform	0.0500	0.0487		mg/Kg		97	57 - 135
Chloromethane	0.0500	0.0436		mg/Kg		87	70 - 125
cis-1,2-Dichloroethene	0.0500	0.0530		mg/Kg		106	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0504		mg/Kg		101	70 - 125
Dibromochloromethane	0.0500	0.0457		mg/Kg		91	69 - 125
1,2-Dibromo-3-Chloropropane	50.0	47.4		ug/Kg		95	60 - 136
1,1-Dichloroethane	0.0500	0.0494		mg/Kg		99	70 - 125
1,2-Dichloroethane	0.0500	0.0450		mg/Kg		90	70 - 130
1,1-Dichloroethene	0.0500	0.0492		mg/Kg		98	70 - 120
1,2-Dichloropropane	0.0500	0.0491		mg/Kg		98	70 - 125
Ethylbenzene	0.0500	0.0509		mg/Kg		102	61 - 136
2-Hexanone	0.0500	0.0323		mg/Kg		65	48 - 146
Methylene Chloride	0.0500	0.0513		mg/Kg		103	70 - 126
4-Methyl-2-pentanone (MIBK)	0.0500	0.0338		mg/Kg		68	50 - 148
Methyl tert-butyl ether	0.0500	0.0515		mg/Kg		103	50 - 140
Styrene	0.0500	0.0493		mg/Kg		99	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0495		mg/Kg		99	70 - 122
Tetrachloroethene	0.0500	0.0490		mg/Kg		98	70 - 124
Toluene	0.0500	0.0520		mg/Kg		104	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0551		mg/Kg		110	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0484		mg/Kg		97	70 - 125
1,1,1-Trichloroethane	0.0500	0.0497		mg/Kg		99	70 - 128
1,1,2-Trichloroethane	0.0500	0.0493		mg/Kg		99	70 - 125
Trichloroethene	0.0500	0.0526		mg/Kg		105	70 - 125
Vinyl acetate	0.0500	0.0361		mg/Kg		72	40 - 153
Vinyl chloride	0.0500	0.0530		mg/Kg		106	70 - 125
Xylenes, Total	0.100	0.101		mg/Kg		101	53 - 147

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	112		75 - 131
Dibromofluoromethane	92		75 - 126
1,2-Dichloroethane-d4 (Surr)	86		70 - 134
Toluene-d8 (Surr)	105		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: LCSD 500-824184/5

Matrix: Solid

Analysis Batch: 824184

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	0.0500	0.0339		mg/Kg		68	40 - 150	0	30
Benzene	0.0500	0.0553		mg/Kg		111	70 - 125	4	30
Bromodichloromethane	0.0500	0.0499		mg/Kg		100	67 - 129	4	30
Bromoform	0.0500	0.0416		mg/Kg		83	68 - 136	2	30
Bromomethane	0.0500	0.0528		mg/Kg		106	70 - 130	6	30
2-Butanone (MEK)	0.0500	0.0371		mg/Kg		74	47 - 138	5	30
Carbon disulfide	0.0500	0.0519		mg/Kg		104	70 - 129	4	30
Carbon tetrachloride	0.0500	0.0519		mg/Kg		104	75 - 125	5	30
Chlorobenzene	0.0500	0.0535		mg/Kg		107	50 - 150	3	30
Chloroethane	0.0500	0.0517		mg/Kg		103	75 - 125	6	30
Chloroform	0.0500	0.0516		mg/Kg		103	57 - 135	6	30
Chloromethane	0.0500	0.0468		mg/Kg		94	70 - 125	7	30
cis-1,2-Dichloroethene	0.0500	0.0553		mg/Kg		111	70 - 125	4	30
cis-1,3-Dichloropropene	0.0500	0.0526		mg/Kg		105	70 - 125	4	30
Dibromochloromethane	0.0500	0.0472		mg/Kg		94	69 - 125	3	30
1,2-Dibromo-3-Chloropropane	50.0	49.5		ug/Kg		99	60 - 136	4	30
1,1-Dichloroethane	0.0500	0.0518		mg/Kg		104	70 - 125	5	30
1,2-Dichloroethane	0.0500	0.0477		mg/Kg		95	70 - 130	6	30
1,1-Dichloroethene	0.0500	0.0513		mg/Kg		103	70 - 120	4	30
1,2-Dichloropropane	0.0500	0.0525		mg/Kg		105	70 - 125	7	30
Ethylbenzene	0.0500	0.0532		mg/Kg		106	61 - 136	5	30
2-Hexanone	0.0500	0.0340		mg/Kg		68	48 - 146	5	30
Methylene Chloride	0.0500	0.0537		mg/Kg		107	70 - 126	5	30
4-Methyl-2-pentanone (MIBK)	0.0500	0.0351		mg/Kg		70	50 - 148	4	30
Methyl tert-butyl ether	0.0500	0.0523		mg/Kg		105	50 - 140	2	30
Styrene	0.0500	0.0513		mg/Kg		103	70 - 125	4	30
1,1,2,2-Tetrachloroethane	0.0500	0.0499		mg/Kg		100	70 - 122	1	30
Tetrachloroethene	0.0500	0.0513		mg/Kg		103	70 - 124	5	30
Toluene	0.0500	0.0547		mg/Kg		109	70 - 125	5	30
trans-1,2-Dichloroethene	0.0500	0.0579		mg/Kg		116	70 - 125	5	30
trans-1,3-Dichloropropene	0.0500	0.0507		mg/Kg		101	70 - 125	5	30
1,1,1-Trichloroethane	0.0500	0.0530		mg/Kg		106	70 - 128	6	30
1,1,2-Trichloroethane	0.0500	0.0511		mg/Kg		102	70 - 125	4	30
Trichloroethene	0.0500	0.0562		mg/Kg		112	70 - 125	6	30
Vinyl acetate	0.0500	0.0387		mg/Kg		77	40 - 153	7	30
Vinyl chloride	0.0500	0.0563		mg/Kg		113	70 - 125	6	30
Xylenes, Total	0.100	0.106		mg/Kg		106	53 - 147	5	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		75 - 131
Dibromofluoromethane	96		75 - 126
1,2-Dichloroethane-d4 (Surr)	88		70 - 134
Toluene-d8 (Surr)	105		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: MB 500-824263/7

Matrix: Solid

Analysis Batch: 824263

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.020		0.020	0.0084	mg/Kg			07/02/25 14:30	1
Benzene	<0.0020		0.0020	0.00063	mg/Kg			07/02/25 14:30	1
Bromodichloromethane	<0.0020		0.0020	0.00064	mg/Kg			07/02/25 14:30	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg			07/02/25 14:30	1
Bromomethane	<0.0050		0.0050	0.0025	mg/Kg			07/02/25 14:30	1
2-Butanone (MEK)	<0.0050		0.0050	0.0022	mg/Kg			07/02/25 14:30	1
Carbon disulfide	<0.0050		0.0050	0.00092	mg/Kg			07/02/25 14:30	1
Carbon tetrachloride	<0.0020		0.0020	0.00068	mg/Kg			07/02/25 14:30	1
Chlorobenzene	<0.0020		0.0020	0.00084	mg/Kg			07/02/25 14:30	1
Chloroethane	<0.0050		0.0050	0.0016	mg/Kg			07/02/25 14:30	1
Chloroform	0.00221		0.0020	0.0014	mg/Kg			07/02/25 14:30	1
Chloromethane	<0.0050		0.0050	0.00097	mg/Kg			07/02/25 14:30	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00081	mg/Kg			07/02/25 14:30	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00080	mg/Kg			07/02/25 14:30	1
Dibromochloromethane	<0.0020		0.0020	0.00093	mg/Kg			07/02/25 14:30	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	3.5	ug/Kg			07/02/25 14:30	1
1,1-Dichloroethane	<0.0020		0.0020	0.00075	mg/Kg			07/02/25 14:30	1
1,2-Dichloroethane	<0.0050		0.0050	0.0013	mg/Kg			07/02/25 14:30	1
1,1-Dichloroethene	<0.0020		0.0020	0.00082	mg/Kg			07/02/25 14:30	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg			07/02/25 14:30	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00096	mg/Kg			07/02/25 14:30	1
Ethylbenzene	<0.0020		0.0020	0.0011	mg/Kg			07/02/25 14:30	1
2-Hexanone	<0.0050		0.0050	0.0030	mg/Kg			07/02/25 14:30	1
Methylene Chloride	0.00431	J	0.0050	0.0021	mg/Kg			07/02/25 14:30	1
4-Methyl-2-pentanone (MIBK)	<0.0050		0.0050	0.0036	mg/Kg			07/02/25 14:30	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00065	mg/Kg			07/02/25 14:30	1
Styrene	<0.0020		0.0020	0.00090	mg/Kg			07/02/25 14:30	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00099	mg/Kg			07/02/25 14:30	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg			07/02/25 14:30	1
Toluene	<0.0020		0.0020	0.00040	mg/Kg			07/02/25 14:30	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00076	mg/Kg			07/02/25 14:30	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00096	mg/Kg			07/02/25 14:30	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00081	mg/Kg			07/02/25 14:30	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00075	mg/Kg			07/02/25 14:30	1
Trichloroethene	<0.0020		0.0020	0.00054	mg/Kg			07/02/25 14:30	1
Vinyl acetate	<0.0050		0.0050	0.0012	mg/Kg			07/02/25 14:30	1
Vinyl chloride	<0.0020		0.0020	0.00082	mg/Kg			07/02/25 14:30	1
Xylenes, Total	<0.0040		0.0040	0.00069	mg/Kg			07/02/25 14:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		75 - 131		07/02/25 14:30	1
Dibromofluoromethane	101		75 - 126		07/02/25 14:30	1
1,2-Dichloroethane-d4 (Surr)	95		70 - 134		07/02/25 14:30	1
Toluene-d8 (Surr)	99		75 - 124		07/02/25 14:30	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: LCS 500-824263/5

Matrix: Solid

Analysis Batch: 824263

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	0.0500	0.0397		mg/Kg		79	40 - 150
Benzene	0.0500	0.0489		mg/Kg		98	70 - 125
Bromodichloromethane	0.0500	0.0447		mg/Kg		89	67 - 129
Bromoform	0.0500	0.0430		mg/Kg		86	68 - 136
Bromomethane	0.0500	0.0474		mg/Kg		95	70 - 130
2-Butanone (MEK)	0.0500	0.0431		mg/Kg		86	47 - 138
Carbon disulfide	0.0500	0.0485		mg/Kg		97	70 - 129
Carbon tetrachloride	0.0500	0.0415		mg/Kg		83	75 - 125
Chlorobenzene	0.0500	0.0458		mg/Kg		92	50 - 150
Chloroethane	0.0500	0.0438		mg/Kg		88	75 - 125
Chloroform	0.0500	0.0445		mg/Kg		89	57 - 135
Chloromethane	0.0500	0.0437		mg/Kg		87	70 - 125
cis-1,2-Dichloroethene	0.0500	0.0469		mg/Kg		94	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0485		mg/Kg		97	70 - 125
Dibromochloromethane	0.0500	0.0455		mg/Kg		91	69 - 125
1,2-Dibromo-3-Chloropropane	50.0	45.7		ug/Kg		91	60 - 136
1,1-Dichloroethane	0.0500	0.0451		mg/Kg		90	70 - 125
1,2-Dichloroethane	0.0500	0.0420		mg/Kg		84	70 - 130
1,1-Dichloroethene	0.0500	0.0467		mg/Kg		93	70 - 120
1,2-Dichloropropane	0.0500	0.0463		mg/Kg		93	70 - 125
Ethylbenzene	0.0500	0.0497		mg/Kg		99	61 - 136
2-Hexanone	0.0500	0.0451		mg/Kg		90	48 - 146
Methylene Chloride	0.0500	0.0502		mg/Kg		100	70 - 126
4-Methyl-2-pentanone (MIBK)	0.0500	0.0474		mg/Kg		95	50 - 148
Methyl tert-butyl ether	0.0500	0.0440		mg/Kg		88	50 - 140
Styrene	0.0500	0.0483		mg/Kg		97	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0526		mg/Kg		105	70 - 122
Tetrachloroethene	0.0500	0.0455		mg/Kg		91	70 - 124
Toluene	0.0500	0.0434		mg/Kg		87	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0468		mg/Kg		94	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0455		mg/Kg		91	70 - 125
1,1,1-Trichloroethane	0.0500	0.0429		mg/Kg		86	70 - 128
1,1,2-Trichloroethane	0.0500	0.0467		mg/Kg		93	70 - 125
Trichloroethene	0.0500	0.0453		mg/Kg		91	70 - 125
Vinyl acetate	0.0500	0.0514		mg/Kg		103	40 - 153
Vinyl chloride	0.0500	0.0432		mg/Kg		86	70 - 125
Xylenes, Total	0.100	0.0896		mg/Kg		90	53 - 147

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		75 - 131
Dibromofluoromethane	103		75 - 126
1,2-Dichloroethane-d4 (Surr)	96		70 - 134
Toluene-d8 (Surr)	103		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: LCSD 500-824263/8

Matrix: Solid

Analysis Batch: 824263

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	0.0500	0.0339		mg/Kg		68	40 - 150	16	30
Benzene	0.0500	0.0459		mg/Kg		92	70 - 125	6	30
Bromodichloromethane	0.0500	0.0428		mg/Kg		86	67 - 129	4	30
Bromoform	0.0500	0.0399		mg/Kg		80	68 - 136	7	30
Bromomethane	0.0500	0.0370		mg/Kg		74	70 - 130	25	30
2-Butanone (MEK)	0.0500	0.0381		mg/Kg		76	47 - 138	12	30
Carbon disulfide	0.0500	0.0453		mg/Kg		91	70 - 129	7	30
Carbon tetrachloride	0.0500	0.0381		mg/Kg		76	75 - 125	8	30
Chlorobenzene	0.0500	0.0429		mg/Kg		86	50 - 150	6	30
Chloroethane	0.0500	0.0332	*-	mg/Kg		66	75 - 125	28	30
Chloroform	0.0500	0.0412		mg/Kg		82	57 - 135	8	30
Chloromethane	0.0500	0.0322	*-	mg/Kg		64	70 - 125	30	30
cis-1,2-Dichloroethene	0.0500	0.0441		mg/Kg		88	70 - 125	6	30
cis-1,3-Dichloropropene	0.0500	0.0449		mg/Kg		90	70 - 125	8	30
Dibromochloromethane	0.0500	0.0431		mg/Kg		86	69 - 125	5	30
1,2-Dibromo-3-Chloropropane	50.0	39.1		ug/Kg		78	60 - 136	15	30
1,1-Dichloroethane	0.0500	0.0423		mg/Kg		85	70 - 125	6	30
1,2-Dichloroethane	0.0500	0.0384		mg/Kg		77	70 - 130	9	30
1,1-Dichloroethene	0.0500	0.0435		mg/Kg		87	70 - 120	7	30
1,2-Dichloropropane	0.0500	0.0439		mg/Kg		88	70 - 125	5	30
Ethylbenzene	0.0500	0.0459		mg/Kg		92	61 - 136	8	30
2-Hexanone	0.0500	0.0420		mg/Kg		84	48 - 146	7	30
Methylene Chloride	0.0500	0.0464		mg/Kg		93	70 - 126	8	30
4-Methyl-2-pentanone (MIBK)	0.0500	0.0426		mg/Kg		85	50 - 148	11	30
Methyl tert-butyl ether	0.0500	0.0408		mg/Kg		82	50 - 140	7	30
Styrene	0.0500	0.0462		mg/Kg		92	70 - 125	4	30
1,1,1,2-Tetrachloroethane	0.0500	0.0484		mg/Kg		97	70 - 122	8	30
Tetrachloroethene	0.0500	0.0428		mg/Kg		86	70 - 124	6	30
Toluene	0.0500	0.0407		mg/Kg		81	70 - 125	7	30
trans-1,2-Dichloroethene	0.0500	0.0448		mg/Kg		90	70 - 125	5	30
trans-1,3-Dichloropropene	0.0500	0.0429		mg/Kg		86	70 - 125	6	30
1,1,1-Trichloroethane	0.0500	0.0412		mg/Kg		82	70 - 128	4	30
1,1,2-Trichloroethane	0.0500	0.0437		mg/Kg		87	70 - 125	7	30
Trichloroethene	0.0500	0.0426		mg/Kg		85	70 - 125	6	30
Vinyl acetate	0.0500	0.0467		mg/Kg		93	40 - 153	10	30
Vinyl chloride	0.0500	0.0326	*-	mg/Kg		65	70 - 125	28	30
Xylenes, Total	0.100	0.0850		mg/Kg		85	53 - 147	5	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		75 - 131
Dibromofluoromethane	101		75 - 126
1,2-Dichloroethane-d4 (Surr)	96		70 - 134
Toluene-d8 (Surr)	103		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: MB 500-824387/1-A

Matrix: Solid

Analysis Batch: 824407

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 824387

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.17		0.17	0.024	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
1,2-Dichlorobenzene	<0.17		0.17	0.014	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
1,3-Dichlorobenzene	<0.17		0.17	0.015	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
1,4-Dichlorobenzene	<0.17		0.17	0.016	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2,2'-oxybis[1-chloropropane]	<0.17		0.17	0.024	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2,4,5-Trichlorophenol	<0.33		0.33	0.013	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2,4,6-Trichlorophenol	<0.33		0.33	0.011	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2,4-Dichlorophenol	<0.33		0.33	0.012	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2,4-Dimethylphenol	<0.33		0.33	0.074	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2,4-Dinitrophenol	<0.67		0.67	0.19	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2,4-Dinitrotoluene	<0.17		0.17	0.019	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2,6-Dinitrotoluene	<0.17		0.17	0.023	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2-Chloronaphthalene	<0.17		0.17	0.012	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2-Chlorophenol	<0.17		0.17	0.011	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2-Methylnaphthalene	<0.067		0.067	0.0067	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2-Methylphenol	<0.17		0.17	0.018	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2-Nitroaniline	<0.17		0.17	0.018	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2-Nitrophenol	<0.33		0.33	0.023	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
3 & 4 Methylphenol	<0.17		0.17	0.024	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
3,3'-Dichlorobenzidine	<0.17		0.17	0.15	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
3-Nitroaniline	<0.33		0.33	0.015	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
4,6-Dinitro-2-methylphenol	<0.67		0.67	0.19	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
4-Bromophenyl phenyl ether	<0.17		0.17	0.023	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
4-Chloro-3-methylphenol	<0.33		0.33	0.028	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
4-Chloroaniline	<0.67		0.67	0.35	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
4-Chlorophenyl phenyl ether	<0.17		0.17	0.044	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
4-Nitroaniline	<0.33		0.33	0.025	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
4-Nitrophenol	<0.67		0.67	0.36	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Acenaphthene	<0.033		0.033	0.0068	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Acenaphthylene	<0.033		0.033	0.0056	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Anthracene	<0.033		0.033	0.0068	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Benzo[a]anthracene	<0.033		0.033	0.0070	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Benzo[a]pyrene	<0.033		0.033	0.032	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Benzo[b]fluoranthene	<0.033		0.033	0.032	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Benzo[g,h,i]perylene	<0.033		0.033	0.015	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Benzo[k]fluoranthene	<0.033		0.033	0.013	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Bis(2-chloroethoxy)methane	<0.17		0.17	0.012	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Bis(2-chloroethyl)ether	<0.17		0.17	0.015	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Bis(2-ethylhexyl) phthalate	<0.17		0.17	0.13	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Butyl benzyl phthalate	<0.17		0.17	0.017	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Carbazole	<0.17		0.17	0.013	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Chrysene	<0.033		0.033	0.0088	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Dibenz(a,h)anthracene	<0.033		0.033	0.033	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Dibenzofuran	<0.17		0.17	0.012	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Diethyl phthalate	<0.17		0.17	0.015	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Dimethyl phthalate	<0.17		0.17	0.0072	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Di-n-butyl phthalate	<0.17		0.17	0.011	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Di-n-octyl phthalate	<0.33		0.33	0.23	mg/Kg		07/03/25 07:15	07/03/25 14:41	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: MB 500-824387/1-A

Matrix: Solid

Analysis Batch: 824407

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 824387

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	<0.033		0.033	0.0077	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Fluorene	<0.033		0.033	0.0098	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Hexachlorobenzene	<0.067		0.067	0.0064	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Hexachlorobutadiene	<0.17		0.17	0.019	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Hexachlorocyclopentadiene	<0.67		0.67	0.35	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Hexachloroethane	<0.17		0.17	0.017	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Indeno[1,2,3-cd]pyrene	<0.033		0.033	0.032	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Isophorone	<0.17		0.17	0.017	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Naphthalene	<0.033		0.033	0.0060	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Nitrobenzene	<0.033		0.033	0.011	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
N-Nitrosodi-n-propylamine	<0.067		0.067	0.019	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
N-Nitrosodiphenylamine	<0.17		0.17	0.066	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Pentachlorophenol	<0.67		0.67	0.37	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Phenanthrene	<0.033		0.033	0.0072	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Phenol	<0.17		0.17	0.014	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Pyrene	<0.033		0.033	0.0091	mg/Kg		07/03/25 07:15	07/03/25 14:41	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	49		31 - 166	07/03/25 07:15	07/03/25 14:41	1
Phenol-d5 (Surr)	50		30 - 153	07/03/25 07:15	07/03/25 14:41	1
Nitrobenzene-d5 (Surr)	54		37 - 147	07/03/25 07:15	07/03/25 14:41	1
2-Fluorobiphenyl (Surr)	50		43 - 145	07/03/25 07:15	07/03/25 14:41	1
2,4,6-Tribromophenol (Surr)	47		31 - 143	07/03/25 07:15	07/03/25 14:41	1
Terphenyl-d14 (Surr)	54		42 - 157	07/03/25 07:15	07/03/25 14:41	1

Lab Sample ID: LCS 500-824387/2-A

Matrix: Solid

Analysis Batch: 824407

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824387

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	3.33	2.33		mg/Kg		70	49 - 100
1,2-Dichlorobenzene	3.33	2.34		mg/Kg		70	47 - 94
1,3-Dichlorobenzene	3.33	2.32		mg/Kg		69	47 - 92
1,4-Dichlorobenzene	3.33	2.32		mg/Kg		69	46 - 92
2,2'-oxybis[1-chloropropane]	3.33	2.57		mg/Kg		77	43 - 111
2,4,5-Trichlorophenol	3.33	2.62		mg/Kg		79	48 - 121
2,4,6-Trichlorophenol	3.33	2.60		mg/Kg		78	50 - 121
2,4-Dichlorophenol	3.33	2.55		mg/Kg		77	51 - 109
2,4-Dimethylphenol	3.33	2.59		mg/Kg		78	48 - 93
2,4-Dinitrophenol	6.67	5.72		mg/Kg		86	10 - 130
2,4-Dinitrotoluene	3.33	2.77		mg/Kg		83	65 - 120
2,6-Dinitrotoluene	3.33	2.66		mg/Kg		80	66 - 117
2-Chloronaphthalene	3.33	2.58		mg/Kg		77	60 - 107
2-Chlorophenol	3.33	2.51		mg/Kg		75	50 - 102
2-Methylnaphthalene	3.33	2.92		mg/Kg		88	58 - 103
2-Methylphenol	3.33	2.57		mg/Kg		77	50 - 104
2-Nitroaniline	3.33	3.06		mg/Kg		92	61 - 126
2-Nitrophenol	3.33	2.54		mg/Kg		76	41 - 114

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: LCS 500-824387/2-A

Matrix: Solid

Analysis Batch: 824407

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824387

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
3 & 4 Methylphenol	3.33	2.58		mg/Kg		78	49 - 109
3,3'-Dichlorobenzidine	3.33	2.24		mg/Kg		67	36 - 131
3-Nitroaniline	3.33	2.41		mg/Kg		72	44 - 124
4,6-Dinitro-2-methylphenol	6.67	5.76		mg/Kg		86	36 - 138
4-Bromophenyl phenyl ether	3.33	2.71		mg/Kg		81	57 - 124
4-Chloro-3-methylphenol	3.33	2.72		mg/Kg		82	57 - 113
4-Chloroaniline	3.33	2.31		mg/Kg		69	22 - 110
4-Chlorophenyl phenyl ether	3.33	2.51		mg/Kg		75	60 - 112
4-Nitroaniline	3.33	2.71		mg/Kg		81	60 - 115
4-Nitrophenol	6.67	4.37		mg/Kg		66	45 - 126
Acenaphthene	3.33	2.55		mg/Kg		76	63 - 109
Acenaphthylene	3.33	2.65		mg/Kg		79	61 - 115
Anthracene	3.33	2.84		mg/Kg		85	68 - 120
Benzo[a]anthracene	3.33	2.57		mg/Kg		77	70 - 121
Benzo[a]pyrene	3.33	2.72		mg/Kg		82	73 - 132
Benzo[b]fluoranthene	3.33	2.84		mg/Kg		85	68 - 123
Benzo[g,h,i]perylene	3.33	2.51		mg/Kg		75	65 - 126
Benzo[k]fluoranthene	3.33	2.62		mg/Kg		79	64 - 128
Bis(2-chloroethoxy)methane	3.33	2.62		mg/Kg		79	54 - 102
Bis(2-chloroethyl)ether	3.33	2.53		mg/Kg		76	49 - 99
Bis(2-ethylhexyl) phthalate	3.33	2.80		mg/Kg		84	70 - 139
Butyl benzyl phthalate	3.33	2.80		mg/Kg		84	65 - 140
Carbazole	3.33	2.87		mg/Kg		86	68 - 120
Chrysene	3.33	2.68		mg/Kg		80	70 - 123
Dibenz(a,h)anthracene	3.33	2.70		mg/Kg		81	66 - 125
Dibenzofuran	3.33	2.60		mg/Kg		78	64 - 112
Diethyl phthalate	3.33	2.73		mg/Kg		82	66 - 115
Dimethyl phthalate	3.33	2.67		mg/Kg		80	65 - 114
Di-n-butyl phthalate	3.33	2.91		mg/Kg		87	69 - 125
Di-n-octyl phthalate	3.33	2.84		mg/Kg		85	61 - 131
Fluoranthene	3.33	2.71		mg/Kg		81	66 - 123
Fluorene	3.33	2.58		mg/Kg		77	62 - 113
Hexachlorobenzene	3.33	2.72		mg/Kg		82	52 - 126
Hexachlorobutadiene	3.33	2.30		mg/Kg		69	42 - 103
Hexachlorocyclopentadiene	3.33	2.89		mg/Kg		87	10 - 100
Hexachloroethane	3.33	2.45		mg/Kg		73	45 - 95
Indeno[1,2,3-cd]pyrene	3.33	2.69		mg/Kg		81	66 - 131
Isophorone	3.33	2.63		mg/Kg		79	47 - 108
Naphthalene	3.33	2.37		mg/Kg		71	54 - 98
Nitrobenzene	3.33	2.66		mg/Kg		80	52 - 105
N-Nitrosodi-n-propylamine	3.33	2.71		mg/Kg		81	48 - 110
N-Nitrosodiphenylamine	3.33	2.82		mg/Kg		85	67 - 112
Pentachlorophenol	6.67	4.32		mg/Kg		65	32 - 128
Phenanthrene	3.33	2.74		mg/Kg		82	65 - 115
Phenol	3.33	2.56		mg/Kg		77	52 - 110
Pyrene	3.33	2.66		mg/Kg		80	71 - 128

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: LCS 500-824387/2-A

Matrix: Solid

Analysis Batch: 824407

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824387

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
2-Fluorophenol (Surr)	75		31 - 166
Phenol-d5 (Surr)	77		30 - 153
Nitrobenzene-d5 (Surr)	80		37 - 147
2-Fluorobiphenyl (Surr)	78		43 - 145
2,4,6-Tribromophenol (Surr)	75		31 - 143
Terphenyl-d14 (Surr)	82		42 - 157

Lab Sample ID: 500-270891-20 MS

Matrix: Solid

Analysis Batch: 824407

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: Total/NA

Prep Batch: 824387

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	<0.20	F1	3.99	2.58	F1	mg/Kg	☼	65	66 - 117
1,2-Dichlorobenzene	<0.20	F1	3.99	2.44	F1	mg/Kg	☼	61	62 - 110
1,3-Dichlorobenzene	<0.20		3.99	2.39		mg/Kg	☼	60	60 - 110
1,4-Dichlorobenzene	<0.20		3.99	2.47		mg/Kg	☼	62	61 - 110
2,2'-oxybis[1-chloropropane]	<0.20		3.99	2.85		mg/Kg	☼	71	40 - 124
2,4,5-Trichlorophenol	<0.39		3.99	3.09		mg/Kg	☼	77	50 - 120
2,4,6-Trichlorophenol	<0.39		3.99	3.00		mg/Kg	☼	75	57 - 120
2,4-Dichlorophenol	<0.39		3.99	2.85		mg/Kg	☼	71	58 - 120
2,4-Dimethylphenol	<0.39		3.99	3.02		mg/Kg	☼	76	60 - 110
2,4-Dinitrophenol	<0.80	F2	7.98	1.26		mg/Kg	☼	16	10 - 100
2,4-Dinitrotoluene	<0.20		3.99	3.20		mg/Kg	☼	80	69 - 124
2,6-Dinitrotoluene	<0.20		3.99	3.10		mg/Kg	☼	78	70 - 123
2-Chloronaphthalene	<0.20		3.99	3.09		mg/Kg	☼	77	69 - 114
2-Chlorophenol	<0.20		3.99	2.74		mg/Kg	☼	69	64 - 110
2-Methylnaphthalene	<0.080		3.99	3.57		mg/Kg	☼	89	69 - 112
2-Methylphenol	<0.20		3.99	2.79		mg/Kg	☼	70	60 - 120
2-Nitroaniline	<0.20		3.99	3.71		mg/Kg	☼	93	57 - 124
2-Nitrophenol	<0.39		3.99	2.85		mg/Kg	☼	71	60 - 120
3 & 4 Methylphenol	<0.20		3.99	2.85		mg/Kg	☼	71	57 - 120
3,3'-Dichlorobenzidine	<0.20		3.99	2.73		mg/Kg	☼	69	35 - 128
3-Nitroaniline	<0.39		3.99	3.19		mg/Kg	☼	80	40 - 122
4,6-Dinitro-2-methylphenol	<0.80	F2	7.98	3.35		mg/Kg	☼	42	10 - 110
4-Bromophenyl phenyl ether	<0.20		3.99	3.49		mg/Kg	☼	87	68 - 118
4-Chloro-3-methylphenol	<0.39		3.99	3.13		mg/Kg	☼	79	65 - 122
4-Chloroaniline	<0.80		3.99	2.57		mg/Kg	☼	64	30 - 150
4-Chlorophenyl phenyl ether	<0.20		3.99	2.96		mg/Kg	☼	74	62 - 119
4-Nitroaniline	<0.39		3.99	2.87		mg/Kg	☼	72	60 - 160
4-Nitrophenol	<0.80		7.98	4.64		mg/Kg	☼	58	30 - 122
Acenaphthene	<0.039		3.99	3.06		mg/Kg	☼	77	65 - 124
Acenaphthylene	<0.039		3.99	3.14		mg/Kg	☼	79	68 - 120
Anthracene	<0.039		3.99	3.47		mg/Kg	☼	87	70 - 114
Benzo[a]anthracene	0.036	J	3.99	3.21		mg/Kg	☼	79	67 - 122
Benzo[a]pyrene	<0.039		3.99	3.39		mg/Kg	☼	85	65 - 133
Benzo[b]fluoranthene	0.040		3.99	3.29		mg/Kg	☼	81	69 - 129
Benzo[g,h,i]perylene	0.025	J	3.99	2.98		mg/Kg	☼	74	72 - 131
Benzo[k]fluoranthene	<0.039		3.99	3.42		mg/Kg	☼	86	68 - 127

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: 500-270891-20 MS

Matrix: Solid

Analysis Batch: 824407

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: Total/NA

Prep Batch: 824387

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-chloroethoxy)methane	<0.20		3.99	2.98		mg/Kg	☼	75	60 - 112
Bis(2-chloroethyl)ether	<0.20		3.99	2.80		mg/Kg	☼	70	55 - 111
Bis(2-ethylhexyl) phthalate	<0.20		3.99	3.63		mg/Kg	☼	91	72 - 131
Butyl benzyl phthalate	<0.20		3.99	3.66		mg/Kg	☼	92	71 - 129
Carbazole	<0.20		3.99	3.44		mg/Kg	☼	86	65 - 142
Chrysene	0.048		3.99	3.38		mg/Kg	☼	84	63 - 120
Dibenz(a,h)anthracene	<0.039		3.99	3.36		mg/Kg	☼	84	64 - 131
Dibenzofuran	<0.20		3.99	3.14		mg/Kg	☼	79	66 - 115
Diethyl phthalate	<0.20		3.99	3.27		mg/Kg	☼	82	58 - 120
Dimethyl phthalate	<0.20		3.99	3.23		mg/Kg	☼	81	69 - 116
Di-n-butyl phthalate	<0.20		3.99	3.68		mg/Kg	☼	92	65 - 120
Di-n-octyl phthalate	<0.39		3.99	3.29		mg/Kg	☼	82	68 - 134
Fluoranthene	0.053		3.99	3.15		mg/Kg	☼	78	62 - 120
Fluorene	<0.039		3.99	3.07		mg/Kg	☼	77	62 - 120
Hexachlorobenzene	<0.080		3.99	3.39		mg/Kg	☼	85	63 - 124
Hexachlorobutadiene	<0.20		3.99	2.49		mg/Kg	☼	62	56 - 120
Hexachlorocyclopentadiene	<0.80	F2	3.99	0.625	J	mg/Kg	☼	16	10 - 133
Hexachloroethane	<0.20	F1	3.99	2.34	F1	mg/Kg	☼	59	60 - 114
Indeno[1,2,3-cd]pyrene	<0.039		3.99	3.27		mg/Kg	☼	82	68 - 130
Isophorone	<0.20		3.99	3.01		mg/Kg	☼	76	55 - 110
Naphthalene	<0.039		3.99	2.66		mg/Kg	☼	67	63 - 110
Nitrobenzene	<0.039		3.99	3.01		mg/Kg	☼	75	60 - 116
N-Nitrosodi-n-propylamine	<0.080		3.99	2.98		mg/Kg	☼	75	56 - 118
N-Nitrosodiphenylamine	<0.20		3.99	3.62		mg/Kg	☼	91	65 - 112
Pentachlorophenol	<0.80		7.98	3.93		mg/Kg	☼	49	13 - 112
Phenanthrene	0.039		3.99	3.42		mg/Kg	☼	85	62 - 120
Phenol	<0.20		3.99	2.86		mg/Kg	☼	72	56 - 122
Pyrene	0.060		3.99	3.50		mg/Kg	☼	86	61 - 128

Surrogate	MS %Recovery	MS Qualifier	Limits
2-Fluorophenol (Surr)	71		31 - 166
Phenol-d5 (Surr)	71		30 - 153
Nitrobenzene-d5 (Surr)	77		37 - 147
2-Fluorobiphenyl (Surr)	79		43 - 145
2,4,6-Tribromophenol (Surr)	68		31 - 143
Terphenyl-d14 (Surr)	89		42 - 157

Lab Sample ID: 500-270891-20 MSD

Matrix: Solid

Analysis Batch: 824407

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: Total/NA

Prep Batch: 824387

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	<0.20	F1	4.04	3.04		mg/Kg	☼	75	66 - 117	16	30
1,2-Dichlorobenzene	<0.20	F1	4.04	2.96		mg/Kg	☼	73	62 - 110	19	30
1,3-Dichlorobenzene	<0.20		4.04	2.92		mg/Kg	☼	72	60 - 110	20	30
1,4-Dichlorobenzene	<0.20		4.04	2.94		mg/Kg	☼	73	61 - 110	18	30
2,2'-oxybis[1-chloropropane]	<0.20		4.04	3.38		mg/Kg	☼	84	40 - 124	17	30
2,4,5-Trichlorophenol	<0.39		4.04	3.26		mg/Kg	☼	81	50 - 120	5	30

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: 500-270891-20 MSD

Matrix: Solid

Analysis Batch: 824407

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: Total/NA

Prep Batch: 824387

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,6-Trichlorophenol	<0.39		4.04	3.20		mg/Kg	✱	79	57 - 120	6	30
2,4-Dichlorophenol	<0.39		4.04	3.16		mg/Kg	✱	78	58 - 120	10	30
2,4-Dimethylphenol	<0.39		4.04	3.22		mg/Kg	✱	80	60 - 110	6	30
2,4-Dinitrophenol	<0.80	F2	8.09	3.51	F2	mg/Kg	✱	43	10 - 100	95	30
2,4-Dinitrotoluene	<0.20		4.04	3.27		mg/Kg	✱	81	69 - 124	2	30
2,6-Dinitrotoluene	<0.20		4.04	3.34		mg/Kg	✱	82	70 - 123	7	30
2-Chloronaphthalene	<0.20		4.04	3.38		mg/Kg	✱	84	69 - 114	9	30
2-Chlorophenol	<0.20		4.04	3.19		mg/Kg	✱	79	64 - 110	15	30
2-Methylnaphthalene	<0.080		4.04	4.34		mg/Kg	✱	107	69 - 112	20	30
2-Methylphenol	<0.20		4.04	3.16		mg/Kg	✱	78	60 - 120	13	30
2-Nitroaniline	<0.20		4.04	4.03		mg/Kg	✱	100	57 - 124	8	30
2-Nitrophenol	<0.39		4.04	3.27		mg/Kg	✱	81	60 - 120	14	30
3 & 4 Methylphenol	<0.20		4.04	3.15		mg/Kg	✱	78	57 - 120	10	30
3,3'-Dichlorobenzidine	<0.20		4.04	3.04		mg/Kg	✱	75	35 - 128	11	30
3-Nitroaniline	<0.39		4.04	3.19		mg/Kg	✱	79	40 - 122	0	30
4,6-Dinitro-2-methylphenol	<0.80	F2	8.09	4.77	F2	mg/Kg	✱	59	10 - 110	35	30
4-Bromophenyl phenyl ether	<0.20		4.04	3.73		mg/Kg	✱	92	68 - 118	7	30
4-Chloro-3-methylphenol	<0.39		4.04	3.34		mg/Kg	✱	83	65 - 122	6	30
4-Chloroaniline	<0.80		4.04	2.72		mg/Kg	✱	67	30 - 150	6	30
4-Chlorophenyl phenyl ether	<0.20		4.04	3.12		mg/Kg	✱	77	62 - 119	5	30
4-Nitroaniline	<0.39		4.04	2.96		mg/Kg	✱	73	60 - 160	3	30
4-Nitrophenol	<0.80		8.09	4.17		mg/Kg	✱	52	30 - 122	11	30
Acenaphthene	<0.039		4.04	3.26		mg/Kg	✱	81	65 - 124	6	30
Acenaphthylene	<0.039		4.04	3.43		mg/Kg	✱	85	68 - 120	9	30
Anthracene	<0.039		4.04	3.65		mg/Kg	✱	90	70 - 114	5	30
Benzo[a]anthracene	0.036	J	4.04	3.31		mg/Kg	✱	81	67 - 122	3	30
Benzo[a]pyrene	<0.039		4.04	3.55		mg/Kg	✱	88	65 - 133	5	30
Benzo[b]fluoranthene	0.040		4.04	3.41		mg/Kg	✱	83	69 - 129	3	30
Benzo[g,h,i]perylene	0.025	J	4.04	3.15		mg/Kg	✱	77	72 - 131	6	30
Benzo[k]fluoranthene	<0.039		4.04	3.56		mg/Kg	✱	88	68 - 127	4	30
Bis(2-chloroethoxy)methane	<0.20		4.04	3.31		mg/Kg	✱	82	60 - 112	10	30
Bis(2-chloroethyl)ether	<0.20		4.04	3.25		mg/Kg	✱	80	55 - 111	15	30
Bis(2-ethylhexyl) phthalate	<0.20		4.04	3.81		mg/Kg	✱	94	72 - 131	5	30
Butyl benzyl phthalate	<0.20		4.04	3.85		mg/Kg	✱	95	71 - 129	5	30
Carbazole	<0.20		4.04	3.56		mg/Kg	✱	88	65 - 142	3	30
Chrysene	0.048		4.04	3.45		mg/Kg	✱	84	63 - 120	2	30
Dibenz(a,h)anthracene	<0.039		4.04	3.45		mg/Kg	✱	85	64 - 131	3	30
Dibenzofuran	<0.20		4.04	3.32		mg/Kg	✱	82	66 - 115	6	30
Diethyl phthalate	<0.20		4.04	3.41		mg/Kg	✱	84	58 - 120	4	30
Dimethyl phthalate	<0.20		4.04	3.41		mg/Kg	✱	84	69 - 116	6	30
Di-n-butyl phthalate	<0.20		4.04	3.84		mg/Kg	✱	95	65 - 120	4	30
Di-n-octyl phthalate	<0.39		4.04	3.33		mg/Kg	✱	82	68 - 134	1	30
Fluoranthene	0.053		4.04	3.30		mg/Kg	✱	80	62 - 120	5	30
Fluorene	<0.039		4.04	3.22		mg/Kg	✱	80	62 - 120	5	30
Hexachlorobenzene	<0.080		4.04	3.65		mg/Kg	✱	90	63 - 124	7	30
Hexachlorobutadiene	<0.20		4.04	2.99		mg/Kg	✱	74	56 - 120	18	30
Hexachlorocyclopentadiene	<0.80	F2	4.04	1.26	F2	mg/Kg	✱	31	10 - 133	67	30
Hexachloroethane	<0.20	F1	4.04	2.94		mg/Kg	✱	73	60 - 114	23	30
Indeno[1,2,3-cd]pyrene	<0.039		4.04	3.40		mg/Kg	✱	84	68 - 130	4	30

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: 500-270891-20 MSD

Matrix: Solid

Analysis Batch: 824407

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: Total/NA

Prep Batch: 824387

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Isophorone	<0.20		4.04	3.39		mg/Kg	☼	84	55 - 110	12	30
Naphthalene	<0.039		4.04	3.08		mg/Kg	☼	76	63 - 110	14	30
Nitrobenzene	<0.039		4.04	3.54		mg/Kg	☼	87	60 - 116	16	30
N-Nitrosodi-n-propylamine	<0.080		4.04	3.43		mg/Kg	☼	85	56 - 118	14	30
N-Nitrosodiphenylamine	<0.20		4.04	3.85		mg/Kg	☼	95	65 - 112	6	30
Pentachlorophenol	<0.80		8.09	4.17		mg/Kg	☼	52	13 - 112	6	30
Phenanthrene	0.039		4.04	3.57		mg/Kg	☼	87	62 - 120	4	30
Phenol	<0.20		4.04	3.30		mg/Kg	☼	81	56 - 122	14	30
Pyrene	0.060		4.04	3.62		mg/Kg	☼	88	61 - 128	3	30

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
2-Fluorophenol (Surr)	80		31 - 166
Phenol-d5 (Surr)	79		30 - 153
Nitrobenzene-d5 (Surr)	87		37 - 147
2-Fluorobiphenyl (Surr)	87		43 - 145
2,4,6-Tribromophenol (Surr)	70		31 - 143
Terphenyl-d14 (Surr)	94		42 - 157

Lab Sample ID: MB 500-824905/1-A

Matrix: Solid

Analysis Batch: 824983

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 824905

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.17		0.17	0.024	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
1,2-Dichlorobenzene	<0.17		0.17	0.014	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
1,3-Dichlorobenzene	<0.17		0.17	0.015	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
1,4-Dichlorobenzene	<0.17		0.17	0.016	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2,2'-oxybis[1-chloropropane]	<0.17		0.17	0.024	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2,4,5-Trichlorophenol	<0.33		0.33	0.013	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2,4,6-Trichlorophenol	<0.33		0.33	0.011	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2,4-Dichlorophenol	<0.33		0.33	0.012	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2,4-Dimethylphenol	<0.33		0.33	0.074	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2,4-Dinitrophenol	<0.67		0.67	0.19	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2,4-Dinitrotoluene	<0.17		0.17	0.019	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2,6-Dinitrotoluene	<0.17		0.17	0.023	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2-Chloronaphthalene	<0.17		0.17	0.012	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2-Chlorophenol	<0.17		0.17	0.011	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2-Methylnaphthalene	<0.067		0.067	0.0067	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2-Methylphenol	<0.17		0.17	0.018	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2-Nitroaniline	<0.17		0.17	0.018	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2-Nitrophenol	<0.33		0.33	0.023	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
3 & 4 Methylphenol	<0.17		0.17	0.024	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
3,3'-Dichlorobenzidine	<0.17		0.17	0.15	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
3-Nitroaniline	<0.33		0.33	0.015	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
4,6-Dinitro-2-methylphenol	<0.67		0.67	0.19	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
4-Bromophenyl phenyl ether	<0.17		0.17	0.023	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
4-Chloro-3-methylphenol	<0.33		0.33	0.028	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
4-Chloroaniline	<0.67		0.67	0.35	mg/Kg		07/08/25 14:13	07/09/25 11:48	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: MB 500-824905/1-A

Matrix: Solid

Analysis Batch: 824983

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 824905

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	<0.17		0.17	0.044	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
4-Nitroaniline	<0.33		0.33	0.025	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
4-Nitrophenol	<0.67		0.67	0.36	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Acenaphthene	<0.033		0.033	0.0068	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Acenaphthylene	<0.033		0.033	0.0056	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Anthracene	<0.033		0.033	0.0068	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Benzo[a]anthracene	<0.033		0.033	0.0070	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Benzo[a]pyrene	<0.033		0.033	0.032	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Benzo[b]fluoranthene	<0.033		0.033	0.032	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Benzo[g,h,i]perylene	<0.033		0.033	0.015	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Benzo[k]fluoranthene	<0.033		0.033	0.013	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Bis(2-chloroethoxy)methane	<0.17		0.17	0.012	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Bis(2-chloroethyl)ether	<0.17		0.17	0.015	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Bis(2-ethylhexyl) phthalate	<0.17		0.17	0.13	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Butyl benzyl phthalate	<0.17		0.17	0.017	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Carbazole	<0.17		0.17	0.013	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Chrysene	<0.033		0.033	0.0088	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Dibenz(a,h)anthracene	<0.033		0.033	0.033	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Dibenzofuran	<0.17		0.17	0.012	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Diethyl phthalate	0.0341	J	0.17	0.015	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Dimethyl phthalate	<0.17		0.17	0.0072	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Di-n-butyl phthalate	<0.17		0.17	0.011	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Di-n-octyl phthalate	<0.33		0.33	0.23	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Fluoranthene	<0.033		0.033	0.0077	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Fluorene	<0.033		0.033	0.0098	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Hexachlorobenzene	<0.067		0.067	0.0064	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Hexachlorobutadiene	<0.17		0.17	0.019	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Hexachlorocyclopentadiene	<0.67		0.67	0.35	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Hexachloroethane	<0.17		0.17	0.017	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Indeno[1,2,3-cd]pyrene	<0.033		0.033	0.032	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Isophorone	<0.17		0.17	0.017	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Naphthalene	<0.033		0.033	0.0060	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Nitrobenzene	<0.033		0.033	0.011	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
N-Nitrosodi-n-propylamine	<0.067		0.067	0.019	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
N-Nitrosodiphenylamine	<0.17		0.17	0.066	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Pentachlorophenol	<0.67		0.67	0.37	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Phenanthrene	<0.033		0.033	0.0072	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Phenol	<0.17		0.17	0.014	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Pyrene	<0.033		0.033	0.0091	mg/Kg		07/08/25 14:13	07/09/25 11:48	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	81		31 - 166	07/08/25 14:13	07/09/25 11:48	1
Phenol-d5 (Surr)	82		30 - 153	07/08/25 14:13	07/09/25 11:48	1
Nitrobenzene-d5 (Surr)	89		37 - 147	07/08/25 14:13	07/09/25 11:48	1
2-Fluorobiphenyl (Surr)	86		43 - 145	07/08/25 14:13	07/09/25 11:48	1
2,4,6-Tribromophenol (Surr)	82		31 - 143	07/08/25 14:13	07/09/25 11:48	1
Terphenyl-d14 (Surr)	91		42 - 157	07/08/25 14:13	07/09/25 11:48	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: LCS 500-824905/2-A

Matrix: Solid

Analysis Batch: 824983

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824905

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
	Added	Result	Qualifier				Limits
1,2,4-Trichlorobenzene	3.33	2.49		mg/Kg		75	49 - 100
1,2-Dichlorobenzene	3.33	2.49		mg/Kg		75	47 - 94
1,3-Dichlorobenzene	3.33	2.44		mg/Kg		73	47 - 92
1,4-Dichlorobenzene	3.33	2.42		mg/Kg		73	46 - 92
2,2'-oxybis[1-chloropropane]	3.33	2.72		mg/Kg		82	43 - 111
2,4,5-Trichlorophenol	3.33	2.83		mg/Kg		85	48 - 121
2,4,6-Trichlorophenol	3.33	2.66		mg/Kg		80	50 - 121
2,4-Dichlorophenol	3.33	2.74		mg/Kg		82	51 - 109
2,4-Dimethylphenol	3.33	2.80		mg/Kg		84	48 - 93
2,4-Dinitrophenol	6.67	6.41		mg/Kg		96	10 - 130
2,4-Dinitrotoluene	3.33	3.03		mg/Kg		91	65 - 120
2,6-Dinitrotoluene	3.33	2.88		mg/Kg		86	66 - 117
2-Chloronaphthalene	3.33	2.74		mg/Kg		82	60 - 107
2-Chlorophenol	3.33	2.69		mg/Kg		81	50 - 102
2-Methylnaphthalene	3.33	3.38		mg/Kg		102	58 - 103
2-Methylphenol	3.33	2.69		mg/Kg		81	50 - 104
2-Nitroaniline	3.33	3.38		mg/Kg		101	61 - 126
2-Nitrophenol	3.33	2.70		mg/Kg		81	41 - 114
3 & 4 Methylphenol	3.33	2.70		mg/Kg		81	49 - 109
3,3'-Dichlorobenzidine	3.33	2.49		mg/Kg		75	36 - 131
3-Nitroaniline	3.33	2.73		mg/Kg		82	44 - 124
4,6-Dinitro-2-methylphenol	6.67	6.35		mg/Kg		95	36 - 138
4-Bromophenyl phenyl ether	3.33	2.99		mg/Kg		90	57 - 124
4-Chloro-3-methylphenol	3.33	2.96		mg/Kg		89	57 - 113
4-Chloroaniline	3.33	2.50		mg/Kg		75	22 - 110
4-Chlorophenyl phenyl ether	3.33	2.71		mg/Kg		81	60 - 112
4-Nitroaniline	3.33	2.93		mg/Kg		88	60 - 115
4-Nitrophenol	6.67	4.46		mg/Kg		67	45 - 126
Acenaphthene	3.33	2.74		mg/Kg		82	63 - 109
Acenaphthylene	3.33	2.82		mg/Kg		84	61 - 115
Anthracene	3.33	3.12		mg/Kg		94	68 - 120
Benzo[a]anthracene	3.33	2.82		mg/Kg		85	70 - 121
Benzo[a]pyrene	3.33	2.97		mg/Kg		89	73 - 132
Benzo[b]fluoranthene	3.33	3.08		mg/Kg		92	68 - 123
Benzo[g,h,i]perylene	3.33	2.78		mg/Kg		83	65 - 126
Benzo[k]fluoranthene	3.33	2.93		mg/Kg		88	64 - 128
Bis(2-chloroethoxy)methane	3.33	2.76		mg/Kg		83	54 - 102
Bis(2-chloroethyl)ether	3.33	2.65		mg/Kg		80	49 - 99
Bis(2-ethylhexyl) phthalate	3.33	3.01		mg/Kg		90	70 - 139
Butyl benzyl phthalate	3.33	2.98		mg/Kg		89	65 - 140
Carbazole	3.33	3.14		mg/Kg		94	68 - 120
Chrysene	3.33	2.86		mg/Kg		86	70 - 123
Dibenz(a,h)anthracene	3.33	2.99		mg/Kg		90	66 - 125
Dibenzofuran	3.33	2.84		mg/Kg		85	64 - 112
Diethyl phthalate	3.33	3.00		mg/Kg		90	66 - 115
Dimethyl phthalate	3.33	2.93		mg/Kg		88	65 - 114
Di-n-butyl phthalate	3.33	3.18		mg/Kg		96	69 - 125
Di-n-octyl phthalate	3.33	3.14		mg/Kg		94	61 - 131

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: LCS 500-824905/2-A

Matrix: Solid

Analysis Batch: 824983

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824905

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoranthene	3.33	3.00		mg/Kg		90	66 - 123
Fluorene	3.33	2.82		mg/Kg		84	62 - 113
Hexachlorobenzene	3.33	3.03		mg/Kg		91	52 - 126
Hexachlorobutadiene	3.33	2.45		mg/Kg		74	42 - 103
Hexachlorocyclopentadiene	3.33	2.73		mg/Kg		82	10 - 100
Hexachloroethane	3.33	2.56		mg/Kg		77	45 - 95
Indeno[1,2,3-cd]pyrene	3.33	2.94		mg/Kg		88	66 - 131
Isophorone	3.33	2.78		mg/Kg		83	47 - 108
Naphthalene	3.33	2.53		mg/Kg		76	54 - 98
Nitrobenzene	3.33	2.85		mg/Kg		85	52 - 105
N-Nitrosodi-n-propylamine	3.33	2.91		mg/Kg		87	48 - 110
N-Nitrosodiphenylamine	3.33	3.15		mg/Kg		94	67 - 112
Pentachlorophenol	6.67	4.51		mg/Kg		68	32 - 128
Phenanthrene	3.33	3.03		mg/Kg		91	65 - 115
Phenol	3.33	2.80		mg/Kg		84	52 - 110
Pyrene	3.33	2.89		mg/Kg		87	71 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorophenol (Surr)	79		31 - 166
Phenol-d5 (Surr)	80		30 - 153
Nitrobenzene-d5 (Surr)	85		37 - 147
2-Fluorobiphenyl (Surr)	83		43 - 145
2,4,6-Tribromophenol (Surr)	81		31 - 143
Terphenyl-d14 (Surr)	90		42 - 157

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 500-824432/1-A

Matrix: Solid

Analysis Batch: 825017

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 824432

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.0		2.0	0.39	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Arsenic	<1.0		1.0	0.34	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Barium	0.269	J	1.0	0.11	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Beryllium	<0.40		0.40	0.093	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Boron	1.01	J	5.0	0.47	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Cadmium	<0.20		0.20	0.036	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Chromium	<1.0		1.0	0.50	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Cobalt	<0.50		0.50	0.13	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Copper	<1.0		1.0	0.28	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Iron	18.7	J	20	10	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Lead	<0.50		0.50	0.23	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Magnesium	<10		10	5.0	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Manganese	<1.0		1.0	0.15	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Nickel	<1.0		1.0	0.29	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Selenium	<1.0		1.0	0.59	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Silver	<0.50		0.50	0.13	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Thallium	<1.0		1.0	0.50	mg/Kg		07/03/25 08:52	07/08/25 20:40	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: MB 500-824432/1-A
Matrix: Solid
Analysis Batch: 825017

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 824432

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	<0.50		0.50	0.12	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Zinc	<2.0		2.0	0.88	mg/Kg		07/03/25 08:52	07/08/25 20:40	1

Lab Sample ID: LCS 500-824432/2-A
Matrix: Solid
Analysis Batch: 825017

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 824432

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	50.0	49.2		mg/Kg		98	80 - 120
Arsenic	10.0	9.62		mg/Kg		96	80 - 120
Barium	200	214		mg/Kg		107	80 - 120
Beryllium	5.00	4.87		mg/Kg		97	80 - 120
Boron	100	92.1		mg/Kg		92	80 - 120
Cadmium	5.00	4.85		mg/Kg		97	80 - 120
Chromium	20.0	21.1		mg/Kg		106	80 - 120
Cobalt	50.0	49.5		mg/Kg		99	80 - 120
Copper	25.0	25.4		mg/Kg		102	80 - 120
Iron	100	102		mg/Kg		102	80 - 120
Lead	10.0	10.4		mg/Kg		104	80 - 120
Magnesium	1000	970		mg/Kg		97	80 - 120
Manganese	50.0	45.1		mg/Kg		90	80 - 120
Nickel	50.0	51.2		mg/Kg		102	80 - 120
Selenium	10.0	9.09		mg/Kg		91	80 - 120
Silver	5.00	4.44		mg/Kg		89	80 - 120
Thallium	10.0	10.3		mg/Kg		103	80 - 120
Vanadium	50.0	51.1		mg/Kg		102	80 - 120
Zinc	50.0	52.1		mg/Kg		104	80 - 120

Lab Sample ID: 500-270891-1 MS
Matrix: Solid
Analysis Batch: 825017

Client Sample ID: 3055V-179-B01 (0-1)
Prep Type: Total/NA
Prep Batch: 824432

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<1.2	F1	30.7	7.28	F1	mg/Kg	☼	24	75 - 125
Arsenic	5.8		6.15	11.4		mg/Kg	☼	92	75 - 125
Barium	51	B	123	168		mg/Kg	☼	95	75 - 125
Beryllium	0.75		3.07	3.32		mg/Kg	☼	84	75 - 125
Boron	18	B	61.5	66.8		mg/Kg	☼	80	75 - 125
Cadmium	0.24	F1	3.07	2.49	F1	mg/Kg	☼	73	75 - 125
Chromium	24	F1	12.3	40.0	F1	mg/Kg	☼	127	75 - 125
Cobalt	14		30.7	44.9		mg/Kg	☼	102	75 - 125
Copper	31	F2 F1	15.4	45.1		mg/Kg	☼	89	75 - 125
Iron	19000	B	61.5	22300	4	mg/Kg	☼	4799	75 - 125
Lead	47	F2	6.15	41.5	4	mg/Kg	☼	-85	75 - 125
Magnesium	9400		615	9640	4	mg/Kg	☼	38	75 - 125
Manganese	210		30.7	195	4	mg/Kg	☼	-60	75 - 125
Nickel	41		30.7	75.0		mg/Kg	☼	111	75 - 125
Selenium	<0.58	F1	6.15	4.28	F1	mg/Kg	☼	70	75 - 125
Silver	<0.29	F1	3.07	1.87	F1	mg/Kg	☼	61	75 - 125

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: 500-270891-1 MS

Matrix: Solid

Analysis Batch: 825017

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: Total/NA

Prep Batch: 824432

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Thallium	0.81		6.15	6.78		mg/Kg	⚡	97	75 - 125
Vanadium	28		30.7	61.6		mg/Kg	⚡	111	75 - 125
Zinc	79	F1	30.7	117		mg/Kg	⚡	123	75 - 125

Lab Sample ID: 500-270891-1 MSD

Matrix: Solid

Analysis Batch: 825017

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: Total/NA

Prep Batch: 824432

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<1.2	F1	29.9	7.32	F1	mg/Kg	⚡	24	75 - 125	1	20
Arsenic	5.8		5.98	10.9		mg/Kg	⚡	85	75 - 125	5	20
Barium	51	B	120	166		mg/Kg	⚡	96	75 - 125	1	20
Beryllium	0.75		2.99	3.32		mg/Kg	⚡	86	75 - 125	0	20
Boron	18	B	59.8	67.0		mg/Kg	⚡	82	75 - 125	0	20
Cadmium	0.24	F1	2.99	2.49		mg/Kg	⚡	75	75 - 125	0	20
Chromium	24	F1	12.0	39.3		mg/Kg	⚡	124	75 - 125	2	20
Cobalt	14		29.9	43.9		mg/Kg	⚡	101	75 - 125	2	20
Copper	31	F2 F1	15.0	56.4	F1 F2	mg/Kg	⚡	167	75 - 125	22	20
Iron	19000	B	59.8	21500	4	mg/Kg	⚡	3622	75 - 125	4	20
Lead	47	F2	5.98	111	4 F2	mg/Kg	⚡	1068	75 - 125	91	20
Magnesium	9400		598	9150	4	mg/Kg	⚡	-42	75 - 125	5	20
Manganese	210		29.9	186	4	mg/Kg	⚡	-90	75 - 125	5	20
Nickel	41		29.9	72.3		mg/Kg	⚡	105	75 - 125	4	20
Selenium	<0.58	F1	5.98	4.11	F1	mg/Kg	⚡	69	75 - 125	4	20
Silver	<0.29	F1	2.99	1.91	F1	mg/Kg	⚡	64	75 - 125	2	20
Thallium	0.81		5.98	6.35		mg/Kg	⚡	93	75 - 125	7	20
Vanadium	28		29.9	59.0		mg/Kg	⚡	105	75 - 125	4	20
Zinc	79	F1	29.9	135	F1	mg/Kg	⚡	186	75 - 125	14	20

Lab Sample ID: 500-270891-1 DU

Matrix: Solid

Analysis Batch: 825017

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: Total/NA

Prep Batch: 824432

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<1.2	F1	<1.2		mg/Kg	⚡	NC	20
Arsenic	5.8		4.54	F3	mg/Kg	⚡	24	20
Barium	51	B	55.4		mg/Kg	⚡	8	20
Beryllium	0.75		0.677		mg/Kg	⚡	10	20
Boron	18	B	19.0		mg/Kg	⚡	6	20
Cadmium	0.24	F1	0.137	F5	mg/Kg	⚡	55	20
Chromium	24	F1	26.6		mg/Kg	⚡	9	20
Cobalt	14		14.0		mg/Kg	⚡	2	20
Copper	31	F2 F1	25.3	F3	mg/Kg	⚡	22	20
Iron	19000	B	20000		mg/Kg	⚡	3	20
Lead	47	F2	14.6	F3	mg/Kg	⚡	105	20
Magnesium	9400		9360		mg/Kg	⚡	0.5	20
Manganese	210		178		mg/Kg	⚡	18	20
Nickel	41		42.3		mg/Kg	⚡	3	20
Selenium	<0.58	F1	<0.58		mg/Kg	⚡	NC	20

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: 500-270891-1 DU

Matrix: Solid

Analysis Batch: 825017

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: Total/NA

Prep Batch: 824432

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Silver	<0.29	F1	<0.29		mg/Kg	✖	NC	20
Thallium	0.81		0.854		mg/Kg	✖	6	20
Vanadium	28		27.6		mg/Kg	✖	0.4	20
Zinc	79	F1	75.8		mg/Kg	✖	5	20

Lab Sample ID: LCS 500-824919/16-A

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824919

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.0900		mg/L		90	80 - 120
Barium	0.500	0.482		mg/L		96	80 - 120
Beryllium	0.0500	0.0476		mg/L		95	80 - 120
Boron	1.00	0.894		mg/L		89	80 - 120
Cadmium	0.0500	0.0478		mg/L		96	80 - 120
Chromium	0.200	0.185		mg/L		93	80 - 120
Cobalt	0.500	0.490		mg/L		98	80 - 120
Copper	0.250	0.228		mg/L		91	80 - 120
Iron	1.00	0.970		mg/L		97	80 - 120
Lead	0.100	0.101		mg/L		101	80 - 120
Manganese	0.500	0.476		mg/L		95	80 - 120
Nickel	0.500	0.495		mg/L		99	80 - 120
Selenium	0.100	0.0962		mg/L		96	80 - 120
Silver	0.0500	0.0462		mg/L		92	80 - 120
Vanadium	0.500	0.445		mg/L		89	80 - 120
Zinc	0.500	0.470	J	mg/L		94	80 - 120

Lab Sample ID: LCS 500-824919/2-A

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824919

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.0935		mg/L		94	80 - 120
Barium	0.500	0.481		mg/L		96	80 - 120
Beryllium	0.0500	0.0482		mg/L		96	80 - 120
Cadmium	0.0500	0.0506		mg/L		101	80 - 120
Chromium	0.200	0.200		mg/L		100	80 - 120
Cobalt	0.500	0.518		mg/L		104	80 - 120
Copper	0.250	0.275		mg/L		110	80 - 120
Iron	1.00	0.952		mg/L		95	80 - 120
Lead	0.100	0.100		mg/L		100	80 - 120
Manganese	0.500	0.474		mg/L		95	80 - 120
Nickel	0.500	0.519		mg/L		104	80 - 120
Selenium	0.100	0.106		mg/L		106	80 - 120
Silver	0.0500	0.0528		mg/L		106	80 - 120
Vanadium	0.500	0.546		mg/L		109	80 - 120
Zinc	0.500	0.539		mg/L		108	80 - 120

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: LCS 500-824919/2-A

Matrix: Solid

Analysis Batch: 825354

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824919

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.991		mg/L		99	80 - 120

Lab Sample ID: LCS 500-824920/2-A

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824920

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	0.0500	0.0485		mg/L		97	80 - 120
Iron	1.00	0.944		mg/L		94	80 - 120
Lead	0.100	0.103		mg/L		103	80 - 120
Manganese	0.500	0.480		mg/L		96	80 - 120
Nickel	0.500	0.504		mg/L		101	80 - 120

Lab Sample ID: LCS 500-825103/2-A

Matrix: Solid

Analysis Batch: 825353

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 825103

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.103		mg/L		103	80 - 120
Barium	0.500	0.505		mg/L		101	80 - 120
Beryllium	0.0500	0.0531		mg/L		106	80 - 120
Boron	1.00	0.997		mg/L		100	80 - 120
Cadmium	0.0500	0.0496		mg/L		99	80 - 120
Chromium	0.200	0.203		mg/L		102	80 - 120
Cobalt	0.500	0.527		mg/L		105	80 - 120
Copper	0.250	0.246		mg/L		98	80 - 120
Iron	1.00	1.01		mg/L		101	80 - 120
Lead	0.100	0.109		mg/L		109	80 - 120
Manganese	0.500	0.503		mg/L		101	80 - 120
Nickel	0.500	0.524		mg/L		105	80 - 120
Selenium	0.100	0.0914		mg/L		91	80 - 120
Silver	0.0500	0.0496		mg/L		99	80 - 120
Vanadium	0.500	0.501		mg/L		100	80 - 120
Zinc	0.500	0.498	J	mg/L		100	80 - 120

Lab Sample ID: LCS 500-825298/2-A

Matrix: Solid

Analysis Batch: 825584

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 825298

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.104		mg/L		104	80 - 120
Barium	0.500	0.492		mg/L		98	80 - 120
Beryllium	0.0500	0.0499		mg/L		100	80 - 120
Boron	1.00	0.934		mg/L		93	80 - 120
Cadmium	0.0500	0.0493		mg/L		99	80 - 120
Chromium	0.200	0.199		mg/L		100	80 - 120
Cobalt	0.500	0.534		mg/L		107	80 - 120
Copper	0.250	0.245		mg/L		98	80 - 120
Iron	1.00	1.04		mg/L		104	80 - 120

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: LCS 500-825298/2-A

Matrix: Solid

Analysis Batch: 825584

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 825298

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Lead	0.100	0.108		mg/L		108	80 - 120	
Manganese	0.500	0.477		mg/L		95	80 - 120	
Nickel	0.500	0.515		mg/L		103	80 - 120	
Selenium	0.100	0.107		mg/L		107	80 - 120	
Silver	0.0500	0.0516		mg/L		103	80 - 120	
Vanadium	0.500	0.506		mg/L		101	80 - 120	
Zinc	0.500	0.550		mg/L		110	80 - 120	

Lab Sample ID: LCS 500-825300/2-A

Matrix: Solid

Analysis Batch: 825582

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 825300

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Cadmium	0.0500	0.0470		mg/L		94	80 - 120	
Iron	1.00	0.939		mg/L		94	80 - 120	
Lead	0.100	0.101		mg/L		101	80 - 120	
Manganese	0.500	0.542		mg/L		108	80 - 120	
Nickel	0.500	0.476		mg/L		95	80 - 120	

Lab Sample ID: LCS 500-825322/2-A

Matrix: Solid

Analysis Batch: 825582

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 825322

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Cadmium	0.0500	0.0474		mg/L		95	80 - 120	
Iron	1.00	0.915		mg/L		91	80 - 120	
Lead	0.100	0.101		mg/L		101	80 - 120	
Manganese	0.500	0.469		mg/L		94	80 - 120	
Nickel	0.500	0.466		mg/L		93	80 - 120	

Lab Sample ID: LB 500-824709/1-B

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 824919

Analyte	LB LB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Arsenic	0.00661	J	0.010	0.0037	mg/L		07/08/25 15:05	07/09/25 18:39	1
Barium	0.00147	J	0.010	0.0012	mg/L		07/08/25 15:05	07/09/25 18:39	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		07/08/25 15:05	07/09/25 18:39	1
Cadmium	0.000658	J	0.0050	0.00043	mg/L		07/08/25 15:05	07/09/25 18:39	1
Chromium	0.00287	J	0.010	0.0017	mg/L		07/08/25 15:05	07/09/25 18:39	1
Cobalt	0.00103	J	0.0050	0.00078	mg/L		07/08/25 15:05	07/09/25 18:39	1
Copper	0.00196	J	0.010	0.0018	mg/L		07/08/25 15:05	07/09/25 18:39	1
Iron	<0.40		0.40	0.082	mg/L		07/08/25 15:05	07/09/25 18:39	1
Lead	<0.0075		0.0075	0.0027	mg/L		07/08/25 15:05	07/09/25 18:39	1
Manganese	<0.010		0.010	0.0023	mg/L		07/08/25 15:05	07/09/25 18:39	1
Nickel	<0.010		0.010	0.0048	mg/L		07/08/25 15:05	07/09/25 18:39	1
Selenium	<0.050		0.050	0.0053	mg/L		07/08/25 15:05	07/09/25 18:39	1
Silver	<0.0050		0.0050	0.0015	mg/L		07/08/25 15:05	07/09/25 18:39	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		07/08/25 15:05	07/09/25 18:39	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: LB 500-824709/1-B

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 824919

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	<0.50		0.50	0.0050	mg/L		07/08/25 15:05	07/09/25 18:39	1

Lab Sample ID: LB 500-824709/1-B

Matrix: Solid

Analysis Batch: 825354

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 824919

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.50		0.50	0.0056	mg/L		07/08/25 15:05	07/10/25 15:03	1

Lab Sample ID: LB2 500-824736/1-B

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 824919

Analyte	LB2 Result	LB2 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00509	J	0.010	0.0037	mg/L		07/08/25 15:05	07/09/25 19:59	1
Barium	<0.010		0.010	0.0012	mg/L		07/08/25 15:05	07/09/25 19:59	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		07/08/25 15:05	07/09/25 19:59	1
Boron	0.0216	J	0.50	0.0056	mg/L		07/08/25 15:05	07/09/25 19:59	1
Cadmium	<0.0050		0.0050	0.00043	mg/L		07/08/25 15:05	07/09/25 19:59	1
Chromium	<0.010		0.010	0.0017	mg/L		07/08/25 15:05	07/09/25 19:59	1
Cobalt	<0.0050		0.0050	0.00078	mg/L		07/08/25 15:05	07/09/25 19:59	1
Copper	<0.010		0.010	0.0018	mg/L		07/08/25 15:05	07/09/25 19:59	1
Iron	<0.40		0.40	0.082	mg/L		07/08/25 15:05	07/09/25 19:59	1
Lead	<0.0075		0.0075	0.0027	mg/L		07/08/25 15:05	07/09/25 19:59	1
Manganese	<0.010		0.010	0.0023	mg/L		07/08/25 15:05	07/09/25 19:59	1
Nickel	<0.010		0.010	0.0048	mg/L		07/08/25 15:05	07/09/25 19:59	1
Selenium	<0.050		0.050	0.0053	mg/L		07/08/25 15:05	07/09/25 19:59	1
Silver	<0.0050		0.0050	0.0015	mg/L		07/08/25 15:05	07/09/25 19:59	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		07/08/25 15:05	07/09/25 19:59	1
Zinc	<0.50		0.50	0.0050	mg/L		07/08/25 15:05	07/09/25 19:59	1

Lab Sample ID: 500-270891-1 MS

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: TCLP

Prep Batch: 824919

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.017	B	0.100	0.106		mg/L		89	75 - 125
Barium	0.34	B	0.500	0.818		mg/L		95	75 - 125
Beryllium	<0.0040		0.0500	0.0474		mg/L		95	75 - 125
Cadmium	0.0029	J B	0.0500	0.0515		mg/L		97	75 - 125
Chromium	0.0032	J B	0.200	0.177		mg/L		87	75 - 125
Cobalt	0.0012	J B	0.500	0.493		mg/L		98	75 - 125
Copper	<0.010		0.250	0.227		mg/L		91	75 - 125
Iron	<0.40		1.00	0.985		mg/L		99	75 - 125
Lead	0.0059	J	0.100	0.109		mg/L		103	75 - 125
Manganese	1.8		0.500	2.25		mg/L		96	75 - 125
Nickel	0.0054	J	0.500	0.494		mg/L		98	75 - 125
Selenium	0.012	J	0.100	0.104		mg/L		93	75 - 125
Silver	<0.0050		0.0500	0.0513		mg/L		103	75 - 125

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: 500-270891-1 MS

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: TCLP

Prep Batch: 824919

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Vanadium	<0.0050		0.500	0.438		mg/L		88	75 - 125
Zinc	0.0051	J	0.500	0.495	J	mg/L		98	75 - 125

Lab Sample ID: 500-270891-1 MS

Matrix: Solid

Analysis Batch: 825354

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: TCLP

Prep Batch: 824919

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	<2.5		1.00	1.12	J	mg/L		112	75 - 125

Lab Sample ID: 500-270891-1 DU

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: TCLP

Prep Batch: 824919

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Arsenic	0.017	B	0.00754	J F5	mg/L		76	20
Barium	0.34	B	0.340		mg/L		1	20
Beryllium	<0.0040		<0.0040		mg/L		NC	20
Cadmium	0.0029	J B	0.00257	J	mg/L		11	20
Chromium	0.0032	J B	0.00358	J	mg/L		10	20
Cobalt	0.0012	J B	0.00223	J F5	mg/L		57	20
Copper	<0.010		0.00183	J	mg/L		NC	20
Iron	<0.40		<0.40		mg/L		NC	20
Lead	0.0059	J	0.00415	J F5	mg/L		34	20
Manganese	1.8		1.75		mg/L		1	20
Nickel	0.0054	J	0.00776	J F5	mg/L		35	20
Selenium	0.012	J	0.0138	J	mg/L		16	20
Silver	<0.0050		<0.0050		mg/L		NC	20
Vanadium	<0.0050		0.00161	J	mg/L		NC	20
Zinc	0.0051	J	0.00547	J	mg/L		8	20

Lab Sample ID: 500-270891-1 DU

Matrix: Solid

Analysis Batch: 825354

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: TCLP

Prep Batch: 824919

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Boron	<2.5		<2.5		mg/L		NC	20

Lab Sample ID: LB 500-824870/1-B

Matrix: Solid

Analysis Batch: 825353

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 825103

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.010	0.0037	mg/L		07/09/25 13:42	07/10/25 12:49	1
Barium	0.00202	J	0.010	0.0012	mg/L		07/09/25 13:42	07/10/25 12:49	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		07/09/25 13:42	07/10/25 12:49	1
Boron	<0.50		0.50	0.0056	mg/L		07/09/25 13:42	07/10/25 12:49	1
Cadmium	<0.0050		0.0050	0.00043	mg/L		07/09/25 13:42	07/10/25 12:49	1
Chromium	0.00256	J	0.010	0.0017	mg/L		07/09/25 13:42	07/10/25 12:49	1
Cobalt	<0.0050		0.0050	0.00078	mg/L		07/09/25 13:42	07/10/25 12:49	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: LB 500-824870/1-B

Matrix: Solid

Analysis Batch: 825353

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 825103

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	<0.010		0.010	0.0018	mg/L		07/09/25 13:42	07/10/25 12:49	1
Iron	<0.40		0.40	0.082	mg/L		07/09/25 13:42	07/10/25 12:49	1
Lead	<0.0075		0.0075	0.0027	mg/L		07/09/25 13:42	07/10/25 12:49	1
Manganese	<0.010		0.010	0.0023	mg/L		07/09/25 13:42	07/10/25 12:49	1
Nickel	<0.010		0.010	0.0048	mg/L		07/09/25 13:42	07/10/25 12:49	1
Selenium	0.0143	J	0.050	0.0053	mg/L		07/09/25 13:42	07/10/25 12:49	1
Silver	<0.0050		0.0050	0.0015	mg/L		07/09/25 13:42	07/10/25 12:49	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		07/09/25 13:42	07/10/25 12:49	1
Zinc	<0.50		0.50	0.0050	mg/L		07/09/25 13:42	07/10/25 12:49	1

Lab Sample ID: LB 500-825006/1-B

Matrix: Solid

Analysis Batch: 825584

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 825298

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.010	0.0037	mg/L		07/10/25 13:24	07/11/25 15:29	1
Barium	0.00264	J	0.010	0.0012	mg/L		07/10/25 13:24	07/11/25 15:29	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		07/10/25 13:24	07/11/25 15:29	1
Boron	<0.50		0.50	0.0056	mg/L		07/10/25 13:24	07/11/25 15:29	1
Cadmium	<0.0050		0.0050	0.00043	mg/L		07/10/25 13:24	07/11/25 15:29	1
Chromium	0.00224	J	0.010	0.0017	mg/L		07/10/25 13:24	07/11/25 15:29	1
Cobalt	<0.0050		0.0050	0.00078	mg/L		07/10/25 13:24	07/11/25 15:29	1
Copper	<0.010		0.010	0.0018	mg/L		07/10/25 13:24	07/11/25 15:29	1
Iron	<0.40		0.40	0.082	mg/L		07/10/25 13:24	07/11/25 15:29	1
Lead	<0.0075		0.0075	0.0027	mg/L		07/10/25 13:24	07/11/25 15:29	1
Manganese	<0.010		0.010	0.0023	mg/L		07/10/25 13:24	07/11/25 15:29	1
Nickel	<0.010		0.010	0.0048	mg/L		07/10/25 13:24	07/11/25 15:29	1
Selenium	<0.050		0.050	0.0053	mg/L		07/10/25 13:24	07/11/25 15:29	1
Silver	<0.0050		0.0050	0.0015	mg/L		07/10/25 13:24	07/11/25 15:29	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		07/10/25 13:24	07/11/25 15:29	1
Zinc	0.00556	J	0.50	0.0050	mg/L		07/10/25 13:24	07/11/25 15:29	1

Lab Sample ID: 500-270891-20 MS

Matrix: Solid

Analysis Batch: 825584

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: TCLP

Prep Batch: 825298

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.0047	J	0.100	0.109		mg/L		104	75 - 125
Barium	0.58	B	0.500	1.10		mg/L		104	75 - 125
Beryllium	<0.0040		0.0500	0.0504		mg/L		101	75 - 125
Cadmium	0.0022	J	0.0500	0.0525		mg/L		101	75 - 125
Chromium	<0.010		0.200	0.190		mg/L		95	75 - 125
Cobalt	0.011		0.500	0.544		mg/L		107	75 - 125
Copper	0.0023	J	0.250	0.245		mg/L		97	75 - 125
Iron	<0.40		1.00	1.12		mg/L		112	75 - 125
Lead	0.041		0.100	0.147		mg/L		107	75 - 125
Manganese	1.7		0.500	2.24		mg/L		115	75 - 125
Nickel	0.012		0.500	0.521		mg/L		102	75 - 125
Selenium	<0.050		0.100	0.0983		mg/L		98	75 - 125

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: 500-270891-20 MS

Matrix: Solid

Analysis Batch: 825584

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: TCLP

Prep Batch: 825298

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	<0.0050		0.0500	0.0513		mg/L		103	75 - 125
Vanadium	0.0021	J	0.500	0.496		mg/L		99	75 - 125
Zinc	0.090	J B	0.500	0.604		mg/L		103	75 - 125

Lab Sample ID: 500-270891-20 MS

Matrix: Solid

Analysis Batch: 825794

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: TCLP

Prep Batch: 825298

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.042	J	1.00	1.17	J	mg/L		112	75 - 125

Lab Sample ID: 500-270891-20 DU

Matrix: Solid

Analysis Batch: 825584

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: TCLP

Prep Batch: 825298

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Arsenic	0.0047	J	0.00372	J F5	mg/L		23	20
Barium	0.58	B	0.582		mg/L		0.7	20
Beryllium	<0.0040		<0.0040		mg/L		NC	20
Cadmium	0.0022	J	0.00233	J	mg/L		4	20
Chromium	<0.010		<0.010		mg/L		NC	20
Cobalt	0.011		0.0112		mg/L		2	20
Copper	0.0023	J	0.00232	J	mg/L		3	20
Iron	<0.40		0.141	J	mg/L		NC	20
Lead	0.041		0.0413		mg/L		2	20
Manganese	1.7		1.69		mg/L		1	20
Nickel	0.012		0.0115		mg/L		3	20
Selenium	<0.050		<0.050		mg/L		NC	20
Silver	<0.0050		<0.0050		mg/L		NC	20
Vanadium	0.0021	J	0.00198	J	mg/L		7	20
Zinc	0.090	J B	0.0911	J	mg/L		2	20

Lab Sample ID: 500-270891-20 DU

Matrix: Solid

Analysis Batch: 825794

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: TCLP

Prep Batch: 825298

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Boron	0.042	J	0.0386	J	mg/L		9	20

Lab Sample ID: LB 500-824710/1-B

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: Method Blank

Prep Type: SPLP East

Prep Batch: 824920

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	<0.0020		0.0020	0.00043	mg/L		07/08/25 15:25	07/09/25 20:41	1
Iron	<0.20		0.20	0.082	mg/L		07/08/25 15:25	07/09/25 20:41	1
Lead	<0.0075		0.0075	0.0027	mg/L		07/08/25 15:25	07/09/25 20:41	1
Manganese	<0.010		0.010	0.0023	mg/L		07/08/25 15:25	07/09/25 20:41	1
Nickel	<0.010		0.010	0.0048	mg/L		07/08/25 15:25	07/09/25 20:41	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: 500-270891-1 MS

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: SPLP East

Prep Batch: 824920

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	200		1.00	201	4	mg/L		577	75 - 125
Lead	0.17		0.100	0.276		mg/L		103	75 - 125
Manganese	0.55		0.500	0.988		mg/L		88	75 - 125

Lab Sample ID: 500-270891-1 DU

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: SPLP East

Prep Batch: 824920

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Iron	200		198		mg/L		1	20
Lead	0.17		0.173		mg/L		0.07	20
Manganese	0.55		0.561		mg/L		2	20

Lab Sample ID: LB 500-824871/1-C

Matrix: Solid

Analysis Batch: 825582

Client Sample ID: Method Blank

Prep Type: SPLP East

Prep Batch: 825300

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	<0.0020		0.0020	0.00043	mg/L		07/10/25 13:29	07/11/25 12:12	1
Iron	<0.20		0.20	0.082	mg/L		07/10/25 13:29	07/11/25 12:12	1
Lead	<0.0075		0.0075	0.0027	mg/L		07/10/25 13:29	07/11/25 12:12	1
Manganese	<0.010		0.010	0.0023	mg/L		07/10/25 13:29	07/11/25 12:12	1
Nickel	<0.010		0.010	0.0048	mg/L		07/10/25 13:29	07/11/25 12:12	1

Lab Sample ID: LB 500-825016/1-B

Matrix: Solid

Analysis Batch: 825582

Client Sample ID: Method Blank

Prep Type: SPLP East

Prep Batch: 825322

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	<0.0020		0.0020	0.00043	mg/L		07/10/25 14:46	07/11/25 22:37	1
Iron	<0.20		0.20	0.082	mg/L		07/10/25 14:46	07/11/25 22:37	1
Lead	<0.0075		0.0075	0.0027	mg/L		07/10/25 14:46	07/11/25 22:37	1
Manganese	0.00662	J	0.010	0.0023	mg/L		07/10/25 14:46	07/11/25 22:37	1
Nickel	<0.010		0.010	0.0048	mg/L		07/10/25 14:46	07/11/25 22:37	1

Lab Sample ID: 500-270891-20 MS

Matrix: Solid

Analysis Batch: 825582

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: SPLP East

Prep Batch: 825322

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	220		1.00	243	4	mg/L		2121	75 - 125
Lead	0.49		0.100	0.627	4	mg/L		137	75 - 125
Manganese	0.73	B	0.500	1.23	B	mg/L		100	75 - 125

Lab Sample ID: 500-270891-20 DU

Matrix: Solid

Analysis Batch: 825582

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: SPLP East

Prep Batch: 825322

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Cadmium	0.0010	J	0.000909	J	mg/L		11	20

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: 500-270891-20 DU

Matrix: Solid

Analysis Batch: 825582

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: SPLP East

Prep Batch: 825322

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Iron	220		226		mg/L		2	20
Lead	0.49		0.492		mg/L		0.5	20
Manganese	0.73	B	0.739	B	mg/L		2	20
Nickel	0.29		0.289		mg/L		1	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: LCS 500-824919/16-A

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824919

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.514		mg/L		103	80 - 120
Thallium	0.100	0.104		mg/L		104	80 - 120

Lab Sample ID: LCS 500-824919/2-A

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824919

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.532		mg/L		106	80 - 120
Thallium	0.100	0.107		mg/L		107	80 - 120

Lab Sample ID: LCS 500-825103/2-A

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 825103

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.523		mg/L		105	80 - 120
Thallium	0.100	0.106		mg/L		106	80 - 120

Lab Sample ID: LCS 500-825298/2-A

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 825298

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.574		mg/L		115	80 - 120
Thallium	0.100	0.110		mg/L		110	80 - 120

Lab Sample ID: LB 500-824709/1-B

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 824919

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0060	mg/L		07/08/25 15:05	07/14/25 14:55	1
Thallium	<0.0020		0.0020	0.0020	mg/L		07/08/25 15:05	07/14/25 14:55	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LB2 500-824736/1-B

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 824919

Analyte	LB2 Result	LB2 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0060	mg/L		07/08/25 15:05	07/14/25 16:12	1
Thallium	<0.0020		0.0020	0.0020	mg/L		07/08/25 15:05	07/14/25 16:12	1

Lab Sample ID: 500-270891-1 MS

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: TCLP

Prep Batch: 824919

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0060		0.500	0.539		mg/L		108	75 - 125
Thallium	<0.0020		0.100	0.105		mg/L		105	75 - 125

Lab Sample ID: 500-270891-1 DU

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: TCLP

Prep Batch: 824919

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<0.0060		<0.0060		mg/L		NC	20
Thallium	<0.0020		<0.0020		mg/L		NC	20

Lab Sample ID: LB 500-824870/1-B

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 825103

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0060	mg/L		07/09/25 13:42	07/14/25 16:49	1
Thallium	<0.0020		0.0020	0.0020	mg/L		07/09/25 13:42	07/14/25 16:49	1

Lab Sample ID: LB 500-825006/1-B

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 825298

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0060	mg/L		07/10/25 13:24	07/14/25 17:13	1
Thallium	<0.0020		0.0020	0.0020	mg/L		07/10/25 13:24	07/14/25 17:13	1

Lab Sample ID: 500-270891-20 MS

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: TCLP

Prep Batch: 825298

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0060		0.500	0.556		mg/L		111	75 - 125
Thallium	<0.0020		0.100	0.106		mg/L		106	75 - 125

Lab Sample ID: 500-270891-20 DU

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: TCLP

Prep Batch: 825298

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<0.0060		<0.0060		mg/L		NC	20
Thallium	<0.0020		<0.0020		mg/L		NC	20

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Method: 7470A - Mercury

Lab Sample ID: MB 500-825055/12-A
Matrix: Solid
Analysis Batch: 825265

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 825055

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/25 11:20	07/10/25 09:20	1

Lab Sample ID: LCS 500-825055/14-A
Matrix: Solid
Analysis Batch: 825265

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 825055

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00202		mg/L		101	80 - 120

Lab Sample ID: LCS 500-825055/30-A
Matrix: Solid
Analysis Batch: 825265

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 825055

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00197		mg/L		99	80 - 120

Lab Sample ID: MB 500-825271/12-A
Matrix: Solid
Analysis Batch: 825455

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 825271

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/10/25 10:35	07/11/25 10:22	1

Lab Sample ID: LCS 500-825271/14-A
Matrix: Solid
Analysis Batch: 825455

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 825271

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00202		mg/L		101	80 - 120

Lab Sample ID: MB 500-825664/12-A
Matrix: Solid
Analysis Batch: 825842

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 825664

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/14/25 10:25	07/15/25 08:56	1

Lab Sample ID: LCS 500-825664/14-A
Matrix: Solid
Analysis Batch: 825842

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 825664

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00186		mg/L		93	80 - 120

Lab Sample ID: LB 500-824709/1-C
Matrix: Solid
Analysis Batch: 825265

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 825055

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/25 11:20	07/10/25 09:22	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Method: 7470A - Mercury

Lab Sample ID: LB2 500-824736/1-C

Matrix: Solid

Analysis Batch: 825265

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 825055

Analyte	LB2 Result	LB2 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/25 11:20	07/10/25 10:01	1

Lab Sample ID: 500-270891-1 MS

Matrix: Solid

Analysis Batch: 825265

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: TCLP

Prep Batch: 825055

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00020		0.000999	0.000971		mg/L		97	75 - 125

Lab Sample ID: 500-270891-1 DU

Matrix: Solid

Analysis Batch: 825265

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: TCLP

Prep Batch: 825055

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	<0.00020		<0.00020		mg/L		NC	20

Lab Sample ID: LB 500-824870/1-C

Matrix: Solid

Analysis Batch: 825455

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 825271

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/10/25 10:35	07/11/25 10:39	1

Lab Sample ID: LB 500-825006/1-C

Matrix: Solid

Analysis Batch: 825842

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 825664

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/14/25 10:25	07/15/25 08:58	1

Lab Sample ID: 500-270891-20 MS

Matrix: Solid

Analysis Batch: 825842

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: TCLP

Prep Batch: 825664

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00020		0.000999	0.000969		mg/L		97	75 - 125

Lab Sample ID: 500-270891-20 DU

Matrix: Solid

Analysis Batch: 825842

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: TCLP

Prep Batch: 825664

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	<0.00020		<0.00020		mg/L		NC	20

QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 500-825301/12-A
Matrix: Solid
Analysis Batch: 825473

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 825301

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.017		0.017	0.0069	mg/Kg		07/10/25 15:15	07/11/25 11:02	1

Lab Sample ID: LCS 500-825301/13-A
Matrix: Solid
Analysis Batch: 825473

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 825301

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.167	0.155		mg/Kg		93	80 - 120

Lab Sample ID: 500-270891-11 MS
Matrix: Solid
Analysis Batch: 825473

Client Sample ID: 3055V-01-B02 (10-15)
Prep Type: Total/NA
Prep Batch: 825301

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.021		0.0929	0.120		mg/Kg	✱	107	75 - 125

Lab Sample ID: 500-270891-11 MSD
Matrix: Solid
Analysis Batch: 825473

Client Sample ID: 3055V-01-B02 (10-15)
Prep Type: Total/NA
Prep Batch: 825301

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.021		0.0916	0.119		mg/Kg	✱	107	75 - 125	1	20

Lab Sample ID: 500-270891-11 DU
Matrix: Solid
Analysis Batch: 825473

Client Sample ID: 3055V-01-B02 (10-15)
Prep Type: Total/NA
Prep Batch: 825301

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.021		0.0216		mg/Kg	✱	3	20

Method: 9012B - Cyanide, Total and/or Amenable

Lab Sample ID: MB 500-824575/1-A
Matrix: Solid
Analysis Batch: 824731

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 824575

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.24		0.24	0.12	mg/Kg		07/06/25 12:53	07/07/25 11:17	1

Lab Sample ID: LCS 500-824575/2-A
Matrix: Solid
Analysis Batch: 824731

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 824575

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	2.40	2.50		mg/Kg		104	85 - 115

QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Method: 9012B - Cyanide, Total and/or Amenable (Continued)

Lab Sample ID: 500-270891-5 MS

Matrix: Solid

Analysis Batch: 824731

Client Sample ID: 3055V-01-B01 (0-5)

Prep Type: Total/NA

Prep Batch: 824575

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	<0.27		2.89	2.80		mg/Kg	✱	97	75 - 125

Lab Sample ID: 500-270891-5 MSD

Matrix: Solid

Analysis Batch: 824731

Client Sample ID: 3055V-01-B01 (0-5)

Prep Type: Total/NA

Prep Batch: 824575

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	<0.27		2.79	2.82		mg/Kg	✱	101	75 - 125	1	20

Lab Sample ID: 500-270891-12 MS

Matrix: Solid

Analysis Batch: 824731

Client Sample ID: 3055V-01-B02 (10-15)D

Prep Type: Total/NA

Prep Batch: 824575

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	<0.26	F1	2.58	2.06		mg/Kg	✱	80	75 - 125

Lab Sample ID: 500-270891-12 MSD

Matrix: Solid

Analysis Batch: 824731

Client Sample ID: 3055V-01-B02 (10-15)D

Prep Type: Total/NA

Prep Batch: 824575

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	<0.26	F1	2.59	1.74	F1	mg/Kg	✱	67	75 - 125	17	20

Lab Sample ID: MB 500-824706/1-A

Matrix: Solid

Analysis Batch: 824754

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 824706

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.24		0.24	0.12	mg/Kg		07/07/25 14:55	07/07/25 17:16	1

Lab Sample ID: LCS 500-824706/2-A

Matrix: Solid

Analysis Batch: 824754

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824706

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	2.40	2.50		mg/Kg		104	85 - 115

Method: 9045D - pH

Lab Sample ID: 500-270891-10 DU

Matrix: Solid

Analysis Batch: 824296

Client Sample ID: 3055V-01-B02 (5-10)

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	9.1		9.2		SU		0.7	5

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-179-B01 (0-1)

Lab Sample ID: 500-270891-1

Date Collected: 06/30/25 10:15

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 20:50
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825354	S1Z	EET CHI	07/10/25 15:24
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 18:48
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 15:11
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 09:31
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 10:45
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-179-B01 (0-1)

Lab Sample ID: 500-270891-1

Date Collected: 06/30/25 10:15

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 80.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824184	MM	EET CHI	07/02/25 17:55
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 17:56
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 20:49
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:05
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:17

Client Sample ID: 3055V-181-B01 (0-2)

Lab Sample ID: 500-270891-2

Date Collected: 06/30/25 10:40

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 21:16
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825354	S1Z	EET CHI	07/10/25 15:41

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-181-B01 (0-2)

Lab Sample ID: 500-270891-2

Date Collected: 06/30/25 10:40

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 19:07
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 15:28
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 09:37
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 10:47
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-181-B01 (0-2)

Lab Sample ID: 500-270891-2

Date Collected: 06/30/25 10:40

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 80.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824184	MM	EET CHI	07/02/25 18:21
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 16:43
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 21:20
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:08
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:19

Client Sample ID: 3055V-200-B01 (0-2)

Lab Sample ID: 500-270891-3

Date Collected: 06/30/25 11:15

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 21:21
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825416	S1Z	EET CHI	07/10/25 20:59
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 20:08
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 16:20

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-200-B01 (0-2)

Lab Sample ID: 500-270891-3

Date Collected: 06/30/25 11:15

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 10:06
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 10:50
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-200-B01 (0-2)

Lab Sample ID: 500-270891-3

Date Collected: 06/30/25 11:15

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 81.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824184	MM	EET CHI	07/02/25 18:46
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 18:20
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 21:24
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:10
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:19

Client Sample ID: 3055V-200-B02 (0-1)

Lab Sample ID: 500-270891-4

Date Collected: 06/30/25 11:30

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 21:25
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 20:22
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 16:25
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 10:08
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 10:52
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-200-B02 (0-1)

Lab Sample ID: 500-270891-4

Date Collected: 06/30/25 11:30

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 81.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824184	MM	EET CHI	07/02/25 19:12
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 17:07
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 21:28
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825242	SJ	EET CHI	07/09/25 16:23
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 16:28
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:12
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:20

Client Sample ID: 3055V-01-B01 (0-5)

Lab Sample ID: 500-270891-5

Date Collected: 06/30/25 11:45

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 21:30
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 20:26
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 16:29
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 10:10
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 10:55
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-01-B01 (0-5)

Lab Sample ID: 500-270891-5

Date Collected: 06/30/25 11:45

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 82.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824184	MM	EET CHI	07/02/25 19:37
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 19:08

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Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B01 (0-5)

Lab Sample ID: 500-270891-5

Date Collected: 06/30/25 11:45

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 82.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 21:33
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:13
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:21

Client Sample ID: 3055V-01-B01 (5-10)

Lab Sample ID: 500-270891-6

Date Collected: 06/30/25 11:50

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 21:34
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825354	S1Z	EET CHI	07/10/25 15:46
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 19:11
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 15:32
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 09:38
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 10:57
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-01-B01 (5-10)

Lab Sample ID: 500-270891-6

Date Collected: 06/30/25 11:50

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 80.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 15:20
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 19:33
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 21:37
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 16:36
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:15

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B01 (5-10)

Lab Sample ID: 500-270891-6

Date Collected: 06/30/25 11:50

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 80.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:24

Client Sample ID: 3055V-01-B01 (10-15)

Lab Sample ID: 500-270891-7

Date Collected: 06/30/25 11:55

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 21:38
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825354	S1Z	EET CHI	07/10/25 15:50
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 19:25
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 15:36
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 09:40
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:00
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-01-B01 (10-15)

Lab Sample ID: 500-270891-7

Date Collected: 06/30/25 11:55

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 81.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 15:45
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 18:44
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 21:41
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 16:41
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:17
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:26

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B01 (15-19.5)

Lab Sample ID: 500-270891-8

Date Collected: 06/30/25 12:00

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 21:43
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825416	S1Z	EET CHI	07/10/25 21:04
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 20:31
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 16:33
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 10:33
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:02
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-01-B01 (15-19.5)

Lab Sample ID: 500-270891-8

Date Collected: 06/30/25 12:00

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 82.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 16:10
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 21:33
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 21:46
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 16:45
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:24
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:27

Client Sample ID: 3055V-01-B02 (0-5)

Lab Sample ID: 500-270891-9

Date Collected: 06/30/25 12:30

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 21:47

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B02 (0-5)

Lab Sample ID: 500-270891-9

Date Collected: 06/30/25 12:30

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825354	S1Z	EET CHI	07/10/25 16:04
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 19:30
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 15:40
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 09:42
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:04
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-01-B02 (0-5)

Lab Sample ID: 500-270891-9

Date Collected: 06/30/25 12:30

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 88.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 16:35
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824795	W1T	EET CHI	07/08/25 18:48
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 21:50
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 16:50
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:25
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:27

Client Sample ID: 3055V-01-B02 (5-10)

Lab Sample ID: 500-270891-10

Date Collected: 06/30/25 12:35

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 21:52
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825416	S1Z	EET CHI	07/10/25 21:08

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Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B02 (5-10)

Lab Sample ID: 500-270891-10

Date Collected: 06/30/25 12:35

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 20:35
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 16:37
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 10:35
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:09
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-01-B02 (5-10)

Lab Sample ID: 500-270891-10

Date Collected: 06/30/25 12:35

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 74.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 17:00
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 16:19
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 22:04
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:27
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:29

Client Sample ID: 3055V-01-B02 (10-15)

Lab Sample ID: 500-270891-11

Date Collected: 06/30/25 12:40

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 21:56
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825354	S1Z	EET CHI	07/10/25 16:08
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 19:35
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 15:44

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B02 (10-15)

Lab Sample ID: 500-270891-11

Date Collected: 06/30/25 12:40

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 09:44
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:14
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-01-B02 (10-15)

Lab Sample ID: 500-270891-11

Date Collected: 06/30/25 12:40

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 80.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 17:25
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 19:57
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 22:08
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 16:54
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:29
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:29

Client Sample ID: 3055V-01-B02 (10-15)D

Lab Sample ID: 500-270891-12

Date Collected: 06/30/25 12:45

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 22:10
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825354	S1Z	EET CHI	07/10/25 16:13
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 19:39
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 15:48
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 09:46
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:17

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B02 (10-15)D

Lab Sample ID: 500-270891-12

Date Collected: 06/30/25 12:45

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-01-B02 (10-15)D

Lab Sample ID: 500-270891-12

Date Collected: 06/30/25 12:45

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 84.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 17:50
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 20:21
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 22:12
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 16:59
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:37
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:29

Client Sample ID: 3055V-01-B02 (15-20)

Lab Sample ID: 500-270891-13

Date Collected: 06/30/25 12:50

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 22:14
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825354	S1Z	EET CHI	07/10/25 16:17
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 19:44
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 16:00
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 09:52
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:19
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B02 (15-20)

Lab Sample ID: 500-270891-13

Date Collected: 06/30/25 12:50

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 86.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 18:15
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 20:45
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 22:17
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 17:03
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:39
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:32

Client Sample ID: 3055V-01-B04 (0-5)

Lab Sample ID: 500-270891-14

Date Collected: 06/30/25 13:30

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 22:19
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825354	S1Z	EET CHI	07/10/25 16:21
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 19:49
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 16:04
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 09:53
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:22
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-01-B04 (0-5)

Lab Sample ID: 500-270891-14

Date Collected: 06/30/25 13:30

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 95.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 18:41
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 15:54

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B04 (0-5)

Lab Sample ID: 500-270891-14

Date Collected: 06/30/25 13:30

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 95.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 22:21
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 17:16
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		10	825242	SJ	EET CHI	07/09/25 17:21
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:41
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:33

Client Sample ID: 3055V-01-B04 (5-10)

Lab Sample ID: 500-270891-15

Date Collected: 06/30/25 13:35

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 22:23
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825354	S1Z	EET CHI	07/10/25 16:26
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 19:53
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 16:08
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 09:55
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:24
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-01-B04 (5-10)

Lab Sample ID: 500-270891-15

Date Collected: 06/30/25 13:35

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 81.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 19:06
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 21:57
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 22:26

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Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B04 (5-10)

Lab Sample ID: 500-270891-15

Date Collected: 06/30/25 13:35

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 81.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 17:25
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:46
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:36

Client Sample ID: 3055V-01-B04 (10-15)

Lab Sample ID: 500-270891-16

Date Collected: 06/30/25 13:40

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824871	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
SPLP East	Prep	3010A			825300	MS	EET CHI	07/10/25 13:29 - 07/10/25 19:29 ¹
SPLP East	Analysis	6010D		1	825582	S1Z	EET CHI	07/11/25 13:04
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	3010A			825103	MS	EET CHI	07/09/25 13:42 - 07/09/25 19:42 ¹
TCLP	Analysis	6010D		1	825353	SJ	EET CHI	07/10/25 13:25
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	3010A			825103	MS	EET CHI	07/09/25 13:42 - 07/09/25 19:42 ¹
TCLP	Analysis	6010D		5	825584	S1Z	EET CHI	07/11/25 21:37
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	3010A			825103	MS	EET CHI	07/09/25 13:42 - 07/09/25 19:42 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 16:57
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	7470A			825271	MJG	EET CHI	07/10/25 10:35 - 07/10/25 12:35 ¹
TCLP	Analysis	7470A		1	825455	MJG	EET CHI	07/11/25 11:08
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:26
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-01-B04 (10-15)

Lab Sample ID: 500-270891-16

Date Collected: 06/30/25 13:40

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 81.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 19:31
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 17:31
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 22:30
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 17:29
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:48

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Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B04 (10-15)

Lab Sample ID: 500-270891-16

Date Collected: 06/30/25 13:40

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 81.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9010C			824706	AC	EET CHI	07/07/25 14:55 - 07/07/25 15:25 ¹
Total/NA	Analysis	9012B		1	824754	AC	EET CHI	07/07/25 17:24

Client Sample ID: 3055V-01-B04 (15-20)

Lab Sample ID: 500-270891-17

Date Collected: 06/30/25 13:45

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824871	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
SPLP East	Prep	3010A			825300	MS	EET CHI	07/10/25 13:29 - 07/10/25 19:29 ¹
SPLP East	Analysis	6010D		1	825582	S1Z	EET CHI	07/11/25 13:08
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	3010A			825103	MS	EET CHI	07/09/25 13:42 - 07/09/25 19:42 ¹
TCLP	Analysis	6010D		1	825353	SJ	EET CHI	07/10/25 13:29
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	3010A			825103	MS	EET CHI	07/09/25 13:42 - 07/09/25 19:42 ¹
TCLP	Analysis	6010D		5	825584	S1Z	EET CHI	07/11/25 21:51
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	3010A			825103	MS	EET CHI	07/09/25 13:42 - 07/09/25 19:42 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 17:01
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	7470A			825271	MJG	EET CHI	07/10/25 10:35 - 07/10/25 12:35 ¹
TCLP	Analysis	7470A		1	825455	MJG	EET CHI	07/11/25 11:10
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:29
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-01-B04 (15-20)

Lab Sample ID: 500-270891-17

Date Collected: 06/30/25 13:45

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 80.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 19:56
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 21:09
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 22:35
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 17:34
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:50
Total/NA	Prep	9010C			824706	AC	EET CHI	07/07/25 14:55 - 07/07/25 15:25 ¹
Total/NA	Analysis	9012B		1	824754	AC	EET CHI	07/07/25 17:26

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Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-165-B02 (0-1)

Lab Sample ID: 500-270891-18

Date Collected: 06/30/25 14:30

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824871	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
SPLP East	Prep	3010A			825300	MS	EET CHI	07/10/25 13:29 - 07/10/25 19:29 ¹
SPLP East	Analysis	6010D		1	825582	S1Z	EET CHI	07/11/25 13:13
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	3010A			825103	MS	EET CHI	07/09/25 13:42 - 07/09/25 19:42 ¹
TCLP	Analysis	6010D		1	825353	SJ	EET CHI	07/10/25 13:34
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	3010A			825103	MS	EET CHI	07/09/25 13:42 - 07/09/25 19:42 ¹
TCLP	Analysis	6010D		5	825584	S1Z	EET CHI	07/11/25 21:55
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	3010A			825103	MS	EET CHI	07/09/25 13:42 - 07/09/25 19:42 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 17:05
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	7470A			825271	MJG	EET CHI	07/10/25 10:35 - 07/10/25 12:35 ¹
TCLP	Analysis	7470A		1	825455	MJG	EET CHI	07/11/25 11:12
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:31
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-165-B02 (0-1)

Lab Sample ID: 500-270891-18

Date Collected: 06/30/25 14:30

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 87.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 20:21
Total/NA	Prep	3546			824905	LH	EET CHI	07/08/25 14:13
Total/NA	Analysis	8270E		1	824983	MM	EET CHI	07/09/25 17:26
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 22:39
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 17:38
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:52
Total/NA	Prep	9010C			824706	AC	EET CHI	07/07/25 14:55 - 07/07/25 15:25 ¹
Total/NA	Analysis	9012B		1	824754	AC	EET CHI	07/07/25 17:26

Client Sample ID: 3055V-165-B01 (0-2)

Lab Sample ID: 500-270891-19

Date Collected: 06/30/25 14:40

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824871	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
SPLP East	Prep	3010A			825300	MS	EET CHI	07/10/25 13:29 - 07/10/25 19:29 ¹
SPLP East	Analysis	6010D		1	825582	S1Z	EET CHI	07/11/25 13:17

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-165-B01 (0-2)

Lab Sample ID: 500-270891-19

Date Collected: 06/30/25 14:40

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	3010A			825103	MS	EET CHI	07/09/25 13:42 - 07/09/25 19:42 ¹
TCLP	Analysis	6010D		1	825353	SJ	EET CHI	07/10/25 13:39
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	3010A			825103	MS	EET CHI	07/09/25 13:42 - 07/09/25 19:42 ¹
TCLP	Analysis	6010D		5	825584	S1Z	EET CHI	07/11/25 22:00
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	3010A			825103	MS	EET CHI	07/09/25 13:42 - 07/09/25 19:42 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 17:09
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	7470A			825271	MJG	EET CHI	07/10/25 10:35 - 07/10/25 12:35 ¹
TCLP	Analysis	7470A		1	825455	MJG	EET CHI	07/11/25 11:14
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:36
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-165-B01 (0-2)

Lab Sample ID: 500-270891-19

Date Collected: 06/30/25 14:40

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 83.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 20:46
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 15:30
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 22:43
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:54
Total/NA	Prep	9010C			824706	AC	EET CHI	07/07/25 14:55 - 07/07/25 15:25 ¹
Total/NA	Analysis	9012B		1	824754	AC	EET CHI	07/07/25 17:27

Client Sample ID: 3055V-193-B01 (0-2)

Lab Sample ID: 500-270891-20

Date Collected: 06/30/25 15:50

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			825016	RJ	EET CHI	07/09/25 15:53 - 07/10/25 09:53 ¹
SPLP East	Prep	3010A			825322	MS	EET CHI	07/10/25 14:46 - 07/10/25 20:46 ¹
SPLP East	Analysis	6010D		1	825582	S1Z	EET CHI	07/11/25 22:46
TCLP	Leach	1311			825006	RJ	EET CHI	07/09/25 16:42 - 07/10/25 10:42 ¹
TCLP	Prep	3010A			825298	MS	EET CHI	07/10/25 13:24 - 07/10/25 19:24 ¹
TCLP	Analysis	6010D		5	825794	S1Z	EET CHI	07/14/25 22:00
TCLP	Leach	1311			825006	RJ	EET CHI	07/09/25 16:42 - 07/10/25 10:42 ¹
TCLP	Prep	3010A			825298	MS	EET CHI	07/10/25 13:24 - 07/10/25 19:24 ¹
TCLP	Analysis	6010D		1	825584	S1Z	EET CHI	07/11/25 15:33

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-193-B01 (0-2)

Lab Sample ID: 500-270891-20

Date Collected: 06/30/25 15:50

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			825006	RJ	EET CHI	07/09/25 16:42 - 07/10/25 10:42 ¹
TCLP	Prep	3010A			825298	MS	EET CHI	07/10/25 13:24 - 07/10/25 19:24 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 17:30
TCLP	Leach	1311			825006	RJ	EET CHI	07/09/25 16:42 - 07/10/25 10:42 ¹
TCLP	Prep	7470A			825664	MJG	EET CHI	07/14/25 10:25 - 07/14/25 12:25 ¹
TCLP	Analysis	7470A		1	825842	MJG	EET CHI	07/15/25 09:03
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:39
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-193-B01 (0-2)

Lab Sample ID: 500-270891-20

Date Collected: 06/30/25 15:50

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 79.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 21:11
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 23:09
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 22:57
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 17:43
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:56
Total/NA	Prep	9010C			824706	AC	EET CHI	07/07/25 14:55 - 07/07/25 15:25 ¹
Total/NA	Analysis	9012B		1	824754	AC	EET CHI	07/07/25 17:28

¹ This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

Accreditation/Certification Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Laboratory: Eurofins Chicago

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	100201	05-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260D	5035	Solid	1,3-Dichloropropene, Total
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Chain of Custody Record 744810

Environment Testing
America

TAL-8210

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ OtherAddress _____

Client Contact		Project Manager: J. Hughes		Site Contact T. Trujillo		Date: 6-30-25		COC No 1	
Company Name WSP		Tel/Email:		Lab Contact:		Carrier:		1 of 2 COCs	
Address 30 N LaSalle St #4200		Analysis Turnaround Time						Sampler	
City/State/Zip Chicago, IL, 60602		☒ CALENDAR DAYS ☐ WORKING DAYS						For Lab Use Only:	
Phone		TAT if different from Below						Walk-in Client	
Fax		☒ 2 weeks						Lab Sampling	
Project Name ASP11 WOSSA - I-290		☐ 1 week						Job / SDG No	
Site 31403035, 8305		☐ 2 days						500-270891	
P O #		☐ 1 day							
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Sample Specific Notes
1	3055V-179-B01 (0-1)	6/30/25	1015	G	S	2		/	
2	3055V-181-B01 (0-2)		1040					/	
3	3055V-200-B01 (0-2)		1115					/	
4	3055V-200-B02 (0-1)		1130					/	
5	3055V-01-B01 (0-5)		1145					/	
6	3055V-01-B01 (5-10)		1150					/	
7	3055V-01-B01 (10-15)		1155					/	
8	3055V-01-B01 (15-19.5)		1200					/	
9	3055V-01-B01 (10-5)		1230					/	
10	3055V-01-B02 (5-10)		1235					/	
11	3055V-01-B02 (10-15)		1240					/	
12	3055V-01-B02 (10-15) DUP		1245					/	
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other							Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample							☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months		
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown									
Special Instructions/QC Requirements & Comments: * SPLP Analysis based on TCLP results									
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No		Cooler Temp (°C) Obs'd		Corr'd		Therm ID No	
Relinquished by [Signature]		Company WSP		Date/Time 7-1-25		Received by		Company	
Relinquished by		Company		Date/Time 1010		Received by		Company	
Relinquished by		Company		Date/Time		Received in Laboratory by [Signature]		Company EETA	
								Date/Time 07/01/25 1010	

**Environment Testing
America**

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

7/16/2025

Login Sample Receipt Checklist

Client: WSP USA Inc

Job Number: 500-270891-1

Login Number: 270891

List Source: Eurofins Chicago

List Number: 1

Creator: Hernandez, Stephanie

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.8,3.3,2.6
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



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 290 (Interstate 290) Office Phone Number, if available: _____

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

3603-3607 W. Harrison Street (ISGS #3055V-180)

City: Chicago State: IL Zip Code: 60624

County: Cook Township: NA

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

Latitude: 41.87342 Longitude: -87.71595
(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): _____ Approximate End Date (mm/dd/yyyy): _____

Estimated Volume of debris (cu. Yd.): 18

II. Owner/Operator Information for Source Site

Site Owner

Name: Illinois Department of Transportation

Street Address: 201 West Center Court

PO Box: _____

City: Schaumburg State: IL

Zip Code: 60196-1096 Phone: 847-705-4122

Contact: Jeffrey Williams

Email, if available: Jeffrey.Williams@Illinois.gov

Site Operator

Name: Illinois Department of Transportation

Street Address: 201 West Center Court

PO Box: _____

City: Schaumburg State: IL

Zip Code: 60196-1096 Phone: 847-705-4122

Contact: Jeffrey Williams

Email, if available: Jeffrey.Williams@Illinois.gov

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

Uncontaminated Soil Certification

III. Basis for Certification and Attachments

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

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

Location 3055V-179-B01 was sampled within the construction zone adjacent to ISGS #3055V-180 (Vacant Lot). Refer to PSI Report for ISGS #3055V-180 (Vacant Lot).

- 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

See attached data summary table and associated laboratory data package J270891-1.

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

I, Matt Weiss (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: WSP USA
Street Address: 30 N. LaSalle Suite 4200
City: Chicago State: IL Zip Code: 60602
Phone: 312-981-2044

Matt Weiss

Printed Name:


Licensed Professional Engineer or
Licensed Professional Geologist Signature:

10/16/25
Date:



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

Analytical Data Summary
PTB #196-002; Work Order 55A - IDOT Job # D-91-359-20

Key to Data Tables

- MAC = Maximum Allowable Concentration of Chemical Constituent in
Uncontaminated Soil Used as Fill Material At Regulated Fill Operations
- mg/kg = Milligrams per kilogram.
- mg/L = Milligrams per liter.
- MSA = Metropolitan Statistical Area
- TACO = Tiered Approach to Corrective Action Objectives
- TCLP = Toxicity Characteristic Leaching Procedure.
- SCGIER = Soil Component of the Groundwater Ingestion Exposure Route
- SPLP = Synthetic Precipitation Leaching Procedure.
- ND = Not detected.
- NA = Not analyzed or not applicable.
- J = Estimated value.
- U = Analyte was analyzed for but not detected.
- PID = Photoionization detector.
- = No PID readings detected above background (within instrument margin of error).

Criteria Qualifiers and Shading

- # = pH is less than 6.25 or greater than 9.0 standard units.
- † = Concentration exceeds the most stringent MAC.
- m = Concentration exceeds the MAC for an MSA.
- * = Concentration exceeds the MAC for Chicago corporate limits.
- c = Concentration exceeds a TACO Tier 1 RO for the Construction Worker Exposure Route.
- r = Concentration exceeds a TACO Tier 1 soil RO for residential properties.
- L = The detected TCLP/SPLP concentration exceeds the TACO Tier 1 RO for the SCGIER.
-  = Headspace reading exceeds background levels
-  = Concentration exceeds the most stringent MAC, but is below the MAC for an MSA.
-  = Concentration exceeds applicable comparison criteria.

CONTAMINANTS OF CONCERN

SITE	ISGS #3055V-180 (Vacant Lot)	Comparison Criteria					
BORING	3055V-179-B01	MACs			TACO		
SAMPLE	3055V-179-B01 (0-1)	Most Stringent	Within an MSA	Within Chicago	Residential	Construction Worker	SCGIER
MATRIX	Soil						
DEPTH (feet)	0-1						
pH	7.7						
PID (meter units)	--						
VOCs (mg/kg)							
Acetone	0.0071 J	25	--	--	70,000	100,000	--
SVOCs (mg/kg)							
2-Methylnaphthalene	0.030 J	--	--	--	--	--	--
Acenaphthene	0.075	570	--	0.94	4,700	120,000	--
Acenaphthylene	0.027 J	--	--	0.25	--	--	--
Anthracene	0.26	12,000	--	2.6	23,000	610,000	--
Benzo(a)anthracene	0.87	0.9	1.8	11	1.8	170	--
Benzo(a)pyrene	0.79 †	0.09	2.1	11	2.1	17	--
Benzo(b)fluoranthene	1.2 †	0.9	2.1	13	2.1	170	--
Benzo(g,h,i)perylene	0.54	--	--	4.4	--	--	--
Benzo(k)fluoranthene	0.42	9	--	8.1	9	1,700	--
Carbazole	0.11 J	0.6	--	--	32	6,200	--
Chrysene	0.96	88	--	11	88	17,000	--
Dibenz(a,h)anthracene	0.18 †	0.09	0.42	1	0.42	17	--
Dibenzofuran	0.052 J	--	--	--	--	--	--
Di-n-butyl phthalate	0.013 J	2,300	--	--	2,300	2,300	--
Fluoranthene	1.7	3,100	--	28	3,100	82,000	--
Fluorene	0.080	560	--	1.1	3,100	82,000	--
Indeno(1,2,3-cd)pyrene	0.47	0.9	1.6	5.8	1.6	170	--
Naphthalene	0.041	1.8	--	0.26	170	1.8	--
Phenanthrene	1.1	--	--	15	--	--	--
Pyrene	1.5	2,300	--	18	2,300	61,000	--
Inorganics (mg/kg)							
Arsenic	5.8 J	11.3	13	--	13	61	--
Barium	51	1,500	--	--	5,500	14,000	--
Beryllium	0.75	22	--	--	160	410	--
Boron	18	40	--	--	16,000	41,000	--
Cadmium	0.24 J	5.2	--	--	78	200	--
Chromium	24 J †	21	--	--	230	690	--
Cobalt	14	20	--	--	4,700	12,000	--
Copper	31 J	2,900	--	--	2,900	8,200	--
Iron	19,000 †m	15,000	15,900	--	--	--	--
Lead	47 J	107	--	--	400	700	--
Magnesium	9,400	325,000	--	--	--	730,000	--
Manganese	210	630	636	--	1,600	4,100	--
Mercury	0.025	0.89	--	--	10	0.1	--
Nickel	41	100	--	--	1,600	4,100	--
Thallium	0.81	2.6	--	--	6.3	160	--
Vanadium	28	550	--	--	550	1,400	--
Zinc	79 J	5,100	--	--	23,000	61,000	--
TCLP Metals (mg/L)							
Barium	0.34	--	--	--	--	--	2
Chromium	ND U	--	--	--	--	--	0.1
Iron	ND U	--	--	--	--	--	5
Lead	0.0059 J	--	--	--	--	--	0.0075
Manganese	1.8 L	--	--	--	--	--	0.15
Nickel	0.0054 J	--	--	--	--	--	0.1
Selenium	0.012 J	--	--	--	--	--	0.05
Zinc	0.0051 J	--	--	--	--	--	5
SPLP Metals (mg/L)							
Manganese	0.55 L	--	--	--	--	--	0.15

ANALYTICAL REPORT

PREPARED FOR

Attn: Dean Tiebout
WSP USA Inc
30 North LaSalle Street
Chicago, Illinois 60602

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JOB DESCRIPTION

IDOT - 196-002-WO55A I-290 Central Park

JOB NUMBER

500-270891-1

Eurofins Chicago

Job Notes

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

Authorization



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Case Narrative

Client: WSP USA Inc
Project: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Job ID: 500-270891-1

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Job Narrative 500-270891-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 7/1/2025 10:10 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 2.6°C, 3.3°C and 3.8°C.

Receipt Exceptions

The container label for the following sample(s) did not match the information listed on the Chain-of-Custody (COC): COC list 3055V-165-B1 (0-1) 1430 however container label 3055V-165-B02 (0-1). Sample date/time match. Logged per label pre client request

The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. COC list incomplete depth. Client states the depth to be (0-2).

Cyanide added per client request,

GC/MS VOA

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 500-824184 was outside the method criteria for the following analyte(s): Acetone, 2-Butanone (MEK), 2-Hexanone, 4-Methyl-2-pentanone (MIBK) and Vinyl acetate. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 500-824263 was outside the method criteria for the following analyte(s): Acetone. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D: Methylene chloride was detected in the following items: (MB 500-824263/7). Methylene chloride is a known lab contaminant; therefore all low level detects for this compound could be suspected as lab contamination.

Method 8260D: The method blank for preparation batch 500-824263 contained Chloroform above the reporting limit (RL). None of the samples associated with this method blank contained the target compound above the reporting limit; therefore, re-extraction and/or re-analysis of samples were not performed.

Method 8260D: The LCSD had 3 analytes fail low: Vinyl Chloride, Chloromethane and Chloroethane. Due to the samples not having any hits for these analytes, The LCS not having any failures, and the hold time for the samples affected being up soon the data has been reported.

(LCSD 500-824263/8)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA

Method 8270E: The continuing calibration verification (CCV) associated with batch 500-824407 recovered above the upper control limit for 2-Nitroaniline. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 500-824407/1).

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Case Narrative

Client: WSP USA Inc
Project: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Job ID: 500-270891-1 (Continued)

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Method 8270E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 500-824387 and analytical batch 500-824407 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8270E: The method blank for preparation batch 500-824905 and analytical batch 500-824983 contained Diethyl phthalate above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8270E: The continuing calibration verification (CCV) analyzed in 500-824983 was outside the method criteria for the following analyte(s): 2,4-Dinitrophenol and 2-Nitroaniline. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals

Method 6010D: The method blank for prep batch 824432 contained B-, Ba, and Fe above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6010D - TCLP: The method blank for preparation batch 500-824736 and 500-824919 and analytical batch 500-825222 contained Arsenic and Barium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6010D - TCLP: The method blank for preparation batch 500-824709 and 500-824919 and analytical batch 500-825222 contained Arsenic, Barium, Cadmium, Chromium, Cobalt and Copper above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6010D - TCLP: The method blank for preparation batch 500-824870 and 500-825103 and analytical batch 500-825353 contained Barium, Chromium and Selenium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6010D - TCLP: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3055V-179-B01 (0-1) (500-270891-1), 3055V-181-B01 (0-2) (500-270891-2), 3055V-01-B01 (5-10) (500-270891-6), 3055V-01-B01 (10-15) (500-270891-7), 3055V-01-B02 (0-5) (500-270891-9), 3055V-01-B02 (10-15) (500-270891-11), 3055V-01-B02 (10-15)D (500-270891-12), 3055V-01-B02 (15-20) (500-270891-13), 3055V-01-B04 (0-5) (500-270891-14), 3055V-01-B04 (5-10) (500-270891-15), (500-270891-E-1-J DU ^5), (500-270891-E-1-K MS ^5) and (500-270891-E-1-I SD ^25). Elevated reporting limits (RLs) are provided.

Method 6010D - TCLP: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3055V-200-B01 (0-2) (500-270891-3), 3055V-01-B01 (15-19.5) (500-270891-8) and 3055V-01-B02 (5-10) (500-270891-10). Elevated reporting limits (RLs) are provided.

Method 6010D - TCLP: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3055V-01-B04 (10-15) (500-270891-16), 3055V-01-B04 (15-20) (500-270891-17), 3055V-165-B02 (0-1) (500-270891-18) and 3055V-165-B01 (0-2) (500-270891-19). Elevated reporting limits (RLs) are provided.

Method 6010D - TCLP: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3055V-193-B01 (0-2) (500-270891-20), (500-270891-E-20-I DU ^5), (500-270891-E-20-J MS ^5) and (500-270891-E-20-H SD ^25). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

Method 9012B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 500-824575 and analytical batch 500-824731 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Case Narrative

Client: WSP USA Inc
Project: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Job ID: 500-270891-1 (Continued)

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Detection Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-179-B01 (0-1)

Lab Sample ID: 500-270891-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Acetone	0.0071	J	0.016	0.0067	mg/Kg	1	✱		8260D	Total/NA
2-Methylnaphthalene	0.030	J	0.082	0.0081	mg/Kg	1	✱		8270E	Total/NA
Acenaphthene	0.075		0.040	0.0083	mg/Kg	1	✱		8270E	Total/NA
Acenaphthylene	0.027	J	0.040	0.0069	mg/Kg	1	✱		8270E	Total/NA
Anthracene	0.26		0.040	0.0083	mg/Kg	1	✱		8270E	Total/NA
Benzo[a]anthracene	0.87		0.040	0.0086	mg/Kg	1	✱		8270E	Total/NA
Benzo[a]pyrene	0.79		0.040	0.039	mg/Kg	1	✱		8270E	Total/NA
Benzo[b]fluoranthene	1.2		0.040	0.039	mg/Kg	1	✱		8270E	Total/NA
Benzo[g,h,i]perylene	0.54		0.040	0.018	mg/Kg	1	✱		8270E	Total/NA
Benzo[k]fluoranthene	0.42		0.040	0.015	mg/Kg	1	✱		8270E	Total/NA
Carbazole	0.11	J	0.20	0.016	mg/Kg	1	✱		8270E	Total/NA
Chrysene	0.96		0.040	0.011	mg/Kg	1	✱		8270E	Total/NA
Dibenz(a,h)anthracene	0.18		0.040	0.040	mg/Kg	1	✱		8270E	Total/NA
Dibenzofuran	0.052	J	0.20	0.014	mg/Kg	1	✱		8270E	Total/NA
Di-n-butyl phthalate	0.013	J	0.20	0.013	mg/Kg	1	✱		8270E	Total/NA
Fluoranthene	1.7		0.040	0.0094	mg/Kg	1	✱		8270E	Total/NA
Fluorene	0.080		0.040	0.012	mg/Kg	1	✱		8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.47		0.040	0.040	mg/Kg	1	✱		8270E	Total/NA
Naphthalene	0.041		0.040	0.0073	mg/Kg	1	✱		8270E	Total/NA
Phenanthrene	1.1		0.040	0.0088	mg/Kg	1	✱		8270E	Total/NA
Pyrene	1.5		0.040	0.011	mg/Kg	1	✱		8270E	Total/NA
Arsenic	5.8		0.58	0.20	mg/Kg	1	✱		6010D	Total/NA
Barium	51	B	0.58	0.066	mg/Kg	1	✱		6010D	Total/NA
Beryllium	0.75		0.23	0.054	mg/Kg	1	✱		6010D	Total/NA
Boron	18	B	2.9	0.27	mg/Kg	1	✱		6010D	Total/NA
Cadmium	0.24	F1	0.12	0.021	mg/Kg	1	✱		6010D	Total/NA
Chromium	24	F1	0.58	0.29	mg/Kg	1	✱		6010D	Total/NA
Cobalt	14		0.29	0.076	mg/Kg	1	✱		6010D	Total/NA
Copper	31	F2 F1	0.58	0.16	mg/Kg	1	✱		6010D	Total/NA
Iron	19000	B	12	6.0	mg/Kg	1	✱		6010D	Total/NA
Lead	47	F2	0.29	0.13	mg/Kg	1	✱		6010D	Total/NA
Magnesium	9400		5.8	2.9	mg/Kg	1	✱		6010D	Total/NA
Manganese	210		0.58	0.084	mg/Kg	1	✱		6010D	Total/NA
Nickel	41		0.58	0.17	mg/Kg	1	✱		6010D	Total/NA
Thallium	0.81		0.58	0.29	mg/Kg	1	✱		6010D	Total/NA
Vanadium	28		0.29	0.068	mg/Kg	1	✱		6010D	Total/NA
Zinc	79	F1	1.2	0.51	mg/Kg	1	✱		6010D	Total/NA
Arsenic	0.017	B	0.010	0.0037	mg/L	1			6010D	TCPLP
Barium	0.34	B	0.010	0.0012	mg/L	1			6010D	TCPLP
Cadmium	0.0029	J B	0.0050	0.00043	mg/L	1			6010D	TCPLP
Chromium	0.0032	J B	0.010	0.0017	mg/L	1			6010D	TCPLP
Cobalt	0.0012	J B	0.0050	0.00078	mg/L	1			6010D	TCPLP
Lead	0.0059	J	0.0075	0.0027	mg/L	1			6010D	TCPLP
Manganese	1.8		0.010	0.0023	mg/L	1			6010D	TCPLP
Nickel	0.0054	J	0.010	0.0048	mg/L	1			6010D	TCPLP
Selenium	0.012	J	0.050	0.0053	mg/L	1			6010D	TCPLP
Zinc	0.0051	J	0.50	0.0050	mg/L	1			6010D	TCPLP
Manganese	0.55		0.010	0.0023	mg/L	1			6010D	SPLP East
Mercury	0.025		0.018	0.0075	mg/Kg	1	✱		7471B	Total/NA
pH	7.7		0.2	0.2	SU	1			9045D	Total/NA

This Detection Summary does not include radiochemical test results.

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Method Summary

Client: WSP USA Inc

Job ID: 500-270891-1

Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CHI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CHI
6010D	Metals (ICP)	SW846	EET CHI
6020B	Metals (ICP/MS)	SW846	EET CHI
7470A	Mercury	SW846	EET CHI
7471B	Mercury (CVAA)	SW846	EET CHI
9012B	Cyanide, Total and/or Amenable	SW846	EET CHI
9045D	pH	SW846	EET CHI
Moisture	Percent Moisture	EPA	EET CHI
1311	TCLP Extraction	SW846	EET CHI
1312	SPLP Extraction	SW846	EET CHI
3010A	Preparation, Total Metals	SW846	EET CHI
3050B	Preparation, Metals	SW846	EET CHI
3546	Microwave Extraction	SW846	EET CHI
5035	Closed System Purge and Trap	SW846	EET CHI
7470A	Preparation, Mercury	SW846	EET CHI
7471B	Preparation, Mercury	SW846	EET CHI
9010C	Cyanide, Distillation	SW846	EET CHI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

Sample Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-270891-1	3055V-179-B01 (0-1)	Solid	06/30/25 10:15	07/01/25 10:10

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

Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-179-B01 (0-1)

Lab Sample ID: 500-270891-1

Date Collected: 06/30/25 10:15

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 80.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0071	J	0.016	0.0067	mg/Kg	☆	07/01/25 19:06	07/02/25 17:55	1
Benzene	<0.0016		0.0016	0.00050	mg/Kg	☆	07/01/25 19:06	07/02/25 17:55	1
Bromodichloromethane	<0.0016		0.0016	0.00051	mg/Kg	☆	07/01/25 19:06	07/02/25 17:55	1
Bromoform	<0.0016		0.0016	0.00094	mg/Kg	☆	07/01/25 19:06	07/02/25 17:55	1
Bromomethane	<0.0040		0.0040	0.0020	mg/Kg	☆	07/01/25 19:06	07/02/25 17:55	1
2-Butanone (MEK)	<0.0040		0.0040	0.0018	mg/Kg	☆	07/01/25 19:06	07/02/25 17:55	1
Carbon disulfide	<0.0040		0.0040	0.00074	mg/Kg	☆	07/01/25 19:06	07/02/25 17:55	1
Carbon tetrachloride	<0.0016		0.0016	0.00055	mg/Kg	☆	07/01/25 19:06	07/02/25 17:55	1
Chlorobenzene	<0.0016		0.0016	0.00068	mg/Kg	☆	07/01/25 19:06	07/02/25 17:55	1
Chloroethane	<0.0040		0.0040	0.0013	mg/Kg	☆	07/01/25 19:06	07/02/25 17:55	1
Chloroform	<0.0016		0.0016	0.0012	mg/Kg	☆	07/01/25 19:06	07/02/25 17:55	1
Chloromethane	<0.0040		0.0040	0.00078	mg/Kg	☆	07/01/25 19:06	07/02/25 17:55	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00065	mg/Kg	☆	07/01/25 19:06	07/02/25 17:55	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00064	mg/Kg	☆	07/01/25 19:06	07/02/25 17:55	1
Dibromochloromethane	<0.0016		0.0016	0.00074	mg/Kg	☆	07/01/25 19:06	07/02/25 17:55	1
1,2-Dibromo-3-Chloropropane	<4.0		4.0	2.8	ug/Kg	☆	07/01/25 19:06	07/02/25 17:55	1
1,1-Dichloroethane	<0.0016		0.0016	0.00060	mg/Kg	☆	07/01/25 19:06	07/02/25 17:55	1
1,2-Dichloroethane	<0.0040		0.0040	0.0010	mg/Kg	☆	07/01/25 19:06	07/02/25 17:55	1
1,1-Dichloroethene	<0.0016		0.0016	0.00066	mg/Kg	☆	07/01/25 19:06	07/02/25 17:55	1
1,2-Dichloropropane	<0.0016		0.0016	0.00041	mg/Kg	☆	07/01/25 19:06	07/02/25 17:55	1
1,3-Dichloropropane, Total	<0.0016		0.0016	0.00077	mg/Kg	☆	07/01/25 19:06	07/02/25 17:55	1
Ethylbenzene	<0.0016		0.0016	0.00084	mg/Kg	☆	07/01/25 19:06	07/02/25 17:55	1
2-Hexanone	<0.0040		0.0040	0.0024	mg/Kg	☆	07/01/25 19:06	07/02/25 17:55	1
Methylene Chloride	<0.0040		0.0040	0.0017	mg/Kg	☆	07/01/25 19:06	07/02/25 17:55	1
4-Methyl-2-pentanone (MIBK)	<0.0040		0.0040	0.0028	mg/Kg	☆	07/01/25 19:06	07/02/25 17:55	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00052	mg/Kg	☆	07/01/25 19:06	07/02/25 17:55	1
Styrene	<0.0016		0.0016	0.00072	mg/Kg	☆	07/01/25 19:06	07/02/25 17:55	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00080	mg/Kg	☆	07/01/25 19:06	07/02/25 17:55	1
Tetrachloroethene	<0.0016		0.0016	0.00090	mg/Kg	☆	07/01/25 19:06	07/02/25 17:55	1
Toluene	<0.0016		0.0016	0.00032	mg/Kg	☆	07/01/25 19:06	07/02/25 17:55	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00061	mg/Kg	☆	07/01/25 19:06	07/02/25 17:55	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00077	mg/Kg	☆	07/01/25 19:06	07/02/25 17:55	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00065	mg/Kg	☆	07/01/25 19:06	07/02/25 17:55	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00060	mg/Kg	☆	07/01/25 19:06	07/02/25 17:55	1
Trichloroethene	<0.0016		0.0016	0.00044	mg/Kg	☆	07/01/25 19:06	07/02/25 17:55	1
Vinyl acetate	<0.0040		0.0040	0.00096	mg/Kg	☆	07/01/25 19:06	07/02/25 17:55	1
Vinyl chloride	<0.0016		0.0016	0.00065	mg/Kg	☆	07/01/25 19:06	07/02/25 17:55	1
Xylenes, Total	<0.0032		0.0032	0.00055	mg/Kg	☆	07/01/25 19:06	07/02/25 17:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		75 - 131	07/01/25 19:06	07/02/25 17:55	1
Dibromofluoromethane	99		75 - 126	07/01/25 19:06	07/02/25 17:55	1
1,2-Dichloroethane-d4 (Surr)	96		70 - 134	07/01/25 19:06	07/02/25 17:55	1
Toluene-d8 (Surr)	105		75 - 124	07/01/25 19:06	07/02/25 17:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.029	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
1,2-Dichlorobenzene	<0.20		0.20	0.017	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
1,3-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-179-B01 (0-1)

Lab Sample ID: 500-270891-1

Date Collected: 06/30/25 10:15

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 80.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	<0.20		0.20	0.019	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.029	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
2,4,5-Trichlorophenol	<0.40		0.40	0.015	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
2,4,6-Trichlorophenol	<0.40		0.40	0.014	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
2,4-Dichlorophenol	<0.40		0.40	0.014	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
2,4-Dimethylphenol	<0.40		0.40	0.091	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
2,4-Dinitrophenol	<0.82		0.82	0.23	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
2,4-Dinitrotoluene	<0.20		0.20	0.023	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
2,6-Dinitrotoluene	<0.20		0.20	0.028	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
2-Chloronaphthalene	<0.20		0.20	0.015	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
2-Chlorophenol	<0.20		0.20	0.013	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
2-Methylnaphthalene	0.030	J	0.082	0.0081	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
2-Methylphenol	<0.20		0.20	0.021	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
2-Nitroaniline	<0.20		0.20	0.022	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
2-Nitrophenol	<0.40		0.40	0.028	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
3 & 4 Methylphenol	<0.20		0.20	0.030	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.18	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
3-Nitroaniline	<0.40		0.40	0.018	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
4,6-Dinitro-2-methylphenol	<0.82		0.82	0.23	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.028	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
4-Chloro-3-methylphenol	<0.40		0.40	0.034	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
4-Chloroaniline	<0.82		0.82	0.43	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.053	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
4-Nitroaniline	<0.40		0.40	0.030	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
4-Nitrophenol	<0.82		0.82	0.44	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
Acenaphthene	0.075		0.040	0.0083	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
Acenaphthylene	0.027	J	0.040	0.0069	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
Anthracene	0.26		0.040	0.0083	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
Benzo[a]anthracene	0.87		0.040	0.0086	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
Benzo[a]pyrene	0.79		0.040	0.039	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
Benzo[b]fluoranthene	1.2		0.040	0.039	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
Benzo[g,h,i]perylene	0.54		0.040	0.018	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
Benzo[k]fluoranthene	0.42		0.040	0.015	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.019	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.16	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
Butyl benzyl phthalate	<0.20		0.20	0.020	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
Carbazole	0.11	J	0.20	0.016	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
Chrysene	0.96		0.040	0.011	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
Dibenz(a,h)anthracene	0.18		0.040	0.040	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
Dibenzofuran	0.052	J	0.20	0.014	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
Diethyl phthalate	<0.20		0.20	0.019	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
Dimethyl phthalate	<0.20		0.20	0.0088	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
Di-n-butyl phthalate	0.013	J	0.20	0.013	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
Di-n-octyl phthalate	<0.40		0.40	0.28	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
Fluoranthene	1.7		0.040	0.0094	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
Fluorene	0.080		0.040	0.012	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
Hexachlorobenzene	<0.082		0.082	0.0078	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1
Hexachlorobutadiene	<0.20		0.20	0.023	mg/Kg	☆	07/03/25 07:15	07/03/25 17:56	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-179-B01 (0-1)

Lab Sample ID: 500-270891-1

Date Collected: 06/30/25 10:15

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 80.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	<0.82		0.82	0.43	mg/Kg	✱	07/03/25 07:15	07/03/25 17:56	1
Hexachloroethane	<0.20		0.20	0.020	mg/Kg	✱	07/03/25 07:15	07/03/25 17:56	1
Indeno[1,2,3-cd]pyrene	0.47		0.040	0.040	mg/Kg	✱	07/03/25 07:15	07/03/25 17:56	1
Isophorone	<0.20		0.20	0.021	mg/Kg	✱	07/03/25 07:15	07/03/25 17:56	1
Naphthalene	0.041		0.040	0.0073	mg/Kg	✱	07/03/25 07:15	07/03/25 17:56	1
Nitrobenzene	<0.040		0.040	0.013	mg/Kg	✱	07/03/25 07:15	07/03/25 17:56	1
N-Nitrosodi-n-propylamine	<0.082		0.082	0.023	mg/Kg	✱	07/03/25 07:15	07/03/25 17:56	1
N-Nitrosodiphenylamine	<0.20		0.20	0.080	mg/Kg	✱	07/03/25 07:15	07/03/25 17:56	1
Pentachlorophenol	<0.82		0.82	0.45	mg/Kg	✱	07/03/25 07:15	07/03/25 17:56	1
Phenanthrene	1.1		0.040	0.0088	mg/Kg	✱	07/03/25 07:15	07/03/25 17:56	1
Phenol	<0.20		0.20	0.018	mg/Kg	✱	07/03/25 07:15	07/03/25 17:56	1
Pyrene	1.5		0.040	0.011	mg/Kg	✱	07/03/25 07:15	07/03/25 17:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	78		31 - 166	07/03/25 07:15	07/03/25 17:56	1
Phenol-d5 (Surr)	80		30 - 153	07/03/25 07:15	07/03/25 17:56	1
Nitrobenzene-d5 (Surr)	84		37 - 147	07/03/25 07:15	07/03/25 17:56	1
2-Fluorobiphenyl (Surr)	85		43 - 145	07/03/25 07:15	07/03/25 17:56	1
2,4,6-Tribromophenol (Surr)	75		31 - 143	07/03/25 07:15	07/03/25 17:56	1
Terphenyl-d14 (Surr)	96		42 - 157	07/03/25 07:15	07/03/25 17:56	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.2	F1	1.2	0.22	mg/Kg	✱	07/03/25 08:52	07/08/25 20:49	1
Arsenic	5.8		0.58	0.20	mg/Kg	✱	07/03/25 08:52	07/08/25 20:49	1
Barium	51	B	0.58	0.066	mg/Kg	✱	07/03/25 08:52	07/08/25 20:49	1
Beryllium	0.75		0.23	0.054	mg/Kg	✱	07/03/25 08:52	07/08/25 20:49	1
Boron	18	B	2.9	0.27	mg/Kg	✱	07/03/25 08:52	07/08/25 20:49	1
Cadmium	0.24	F1	0.12	0.021	mg/Kg	✱	07/03/25 08:52	07/08/25 20:49	1
Chromium	24	F1	0.58	0.29	mg/Kg	✱	07/03/25 08:52	07/08/25 20:49	1
Cobalt	14		0.29	0.076	mg/Kg	✱	07/03/25 08:52	07/08/25 20:49	1
Copper	31	F2 F1	0.58	0.16	mg/Kg	✱	07/03/25 08:52	07/08/25 20:49	1
Iron	19000	B	12	6.0	mg/Kg	✱	07/03/25 08:52	07/08/25 20:49	1
Lead	47	F2	0.29	0.13	mg/Kg	✱	07/03/25 08:52	07/08/25 20:49	1
Magnesium	9400		5.8	2.9	mg/Kg	✱	07/03/25 08:52	07/08/25 20:49	1
Manganese	210		0.58	0.084	mg/Kg	✱	07/03/25 08:52	07/08/25 20:49	1
Nickel	41		0.58	0.17	mg/Kg	✱	07/03/25 08:52	07/08/25 20:49	1
Selenium	<0.58	F1	0.58	0.34	mg/Kg	✱	07/03/25 08:52	07/08/25 20:49	1
Silver	<0.29	F1	0.29	0.075	mg/Kg	✱	07/03/25 08:52	07/08/25 20:49	1
Thallium	0.81		0.58	0.29	mg/Kg	✱	07/03/25 08:52	07/08/25 20:49	1
Vanadium	28		0.29	0.068	mg/Kg	✱	07/03/25 08:52	07/08/25 20:49	1
Zinc	79	F1	1.2	0.51	mg/Kg	✱	07/03/25 08:52	07/08/25 20:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.017	B	0.010	0.0037	mg/L		07/08/25 15:05	07/09/25 18:48	1
Barium	0.34	B	0.010	0.0012	mg/L		07/08/25 15:05	07/09/25 18:48	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		07/08/25 15:05	07/09/25 18:48	1
Boron	<2.5		2.5	0.028	mg/L		07/08/25 15:05	07/10/25 15:24	5
Cadmium	0.0029	J B	0.0050	0.00043	mg/L		07/08/25 15:05	07/09/25 18:48	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-179-B01 (0-1)

Lab Sample ID: 500-270891-1

Date Collected: 06/30/25 10:15

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 80.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.0032	J B	0.010	0.0017	mg/L		07/08/25 15:05	07/09/25 18:48	1
Cobalt	0.0012	J B	0.0050	0.00078	mg/L		07/08/25 15:05	07/09/25 18:48	1
Copper	<0.010		0.010	0.0018	mg/L		07/08/25 15:05	07/09/25 18:48	1
Iron	<0.40		0.40	0.082	mg/L		07/08/25 15:05	07/09/25 18:48	1
Lead	0.0059	J	0.0075	0.0027	mg/L		07/08/25 15:05	07/09/25 18:48	1
Manganese	1.8		0.010	0.0023	mg/L		07/08/25 15:05	07/09/25 18:48	1
Nickel	0.0054	J	0.010	0.0048	mg/L		07/08/25 15:05	07/09/25 18:48	1
Selenium	0.012	J	0.050	0.0053	mg/L		07/08/25 15:05	07/09/25 18:48	1
Silver	<0.0050		0.0050	0.0015	mg/L		07/08/25 15:05	07/09/25 18:48	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		07/08/25 15:05	07/09/25 18:48	1
Zinc	0.0051	J	0.50	0.0050	mg/L		07/08/25 15:05	07/09/25 18:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	0.55		0.010	0.0023	mg/L		07/08/25 15:25	07/09/25 20:50	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0060	mg/L		07/08/25 15:05	07/14/25 15:11	1
Thallium	<0.0020		0.0020	0.0020	mg/L		07/08/25 15:05	07/14/25 15:11	1

Method: SW846 7470A - Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/25 11:20	07/10/25 09:31	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.025		0.018	0.0075	mg/Kg	☆	07/10/25 15:15	07/11/25 11:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.27		0.27	0.13	mg/Kg	☆	07/06/25 12:53	07/07/25 11:17	1
pH (SW846 9045D)	7.7		0.2	0.2	SU			07/02/25 10:45	1

Definitions/Glossary

Client: WSP USA Inc

Job ID: 500-270891-1

Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

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

Metals

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

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.

Glossary

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

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Definitions/Glossary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

GC/MS VOA

Analysis Batch: 824184

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	Total/NA	Solid	8260D	824229
500-270891-2	3055V-181-B01 (0-2)	Total/NA	Solid	8260D	824229
500-270891-3	3055V-200-B01 (0-2)	Total/NA	Solid	8260D	824229
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	8260D	824229
500-270891-5	3055V-01-B01 (0-5)	Total/NA	Solid	8260D	824229
MB 500-824184/7	Method Blank	Total/NA	Solid	8260D	
LCS 500-824184/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 500-824184/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

Prep Batch: 824229

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	Total/NA	Solid	5035	
500-270891-2	3055V-181-B01 (0-2)	Total/NA	Solid	5035	
500-270891-3	3055V-200-B01 (0-2)	Total/NA	Solid	5035	
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	5035	
500-270891-5	3055V-01-B01 (0-5)	Total/NA	Solid	5035	
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	5035	
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	5035	
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	5035	
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	5035	
500-270891-10	3055V-01-B02 (5-10)	Total/NA	Solid	5035	
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	5035	
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	5035	
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	5035	
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	5035	
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	5035	
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	5035	
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	5035	
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	5035	
500-270891-19	3055V-165-B01 (0-2)	Total/NA	Solid	5035	
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	5035	

Analysis Batch: 824263

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	8260D	824229
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	8260D	824229
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	8260D	824229
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	8260D	824229
500-270891-10	3055V-01-B02 (5-10)	Total/NA	Solid	8260D	824229
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	8260D	824229
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	8260D	824229
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	8260D	824229
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	8260D	824229
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	8260D	824229
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	8260D	824229
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	8260D	824229
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	8260D	824229
500-270891-19	3055V-165-B01 (0-2)	Total/NA	Solid	8260D	824229
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	8260D	824229
MB 500-824263/7	Method Blank	Total/NA	Solid	8260D	
LCS 500-824263/5	Lab Control Sample	Total/NA	Solid	8260D	

Eurofins Chicago

QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

GC/MS VOA (Continued)

Analysis Batch: 824263 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 500-824263/8	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS Semi VOA

Prep Batch: 824387

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	Total/NA	Solid	3546	
500-270891-2	3055V-181-B01 (0-2)	Total/NA	Solid	3546	
500-270891-3	3055V-200-B01 (0-2)	Total/NA	Solid	3546	
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	3546	
500-270891-5	3055V-01-B01 (0-5)	Total/NA	Solid	3546	
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	3546	
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	3546	
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	3546	
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	3546	
500-270891-10	3055V-01-B02 (5-10)	Total/NA	Solid	3546	
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	3546	
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	3546	
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	3546	
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	3546	
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	3546	
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	3546	
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	3546	
500-270891-19	3055V-165-B01 (0-2)	Total/NA	Solid	3546	
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	3546	
MB 500-824387/1-A	Method Blank	Total/NA	Solid	3546	
LCS 500-824387/2-A	Lab Control Sample	Total/NA	Solid	3546	
500-270891-20 MS	3055V-193-B01 (0-2)	Total/NA	Solid	3546	
500-270891-20 MSD	3055V-193-B01 (0-2)	Total/NA	Solid	3546	

Analysis Batch: 824407

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	Total/NA	Solid	8270E	824387
500-270891-2	3055V-181-B01 (0-2)	Total/NA	Solid	8270E	824387
500-270891-3	3055V-200-B01 (0-2)	Total/NA	Solid	8270E	824387
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	8270E	824387
500-270891-5	3055V-01-B01 (0-5)	Total/NA	Solid	8270E	824387
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	8270E	824387
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	8270E	824387
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	8270E	824387
500-270891-10	3055V-01-B02 (5-10)	Total/NA	Solid	8270E	824387
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	8270E	824387
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	8270E	824387
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	8270E	824387
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	8270E	824387
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	8270E	824387
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	8270E	824387
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	8270E	824387
500-270891-19	3055V-165-B01 (0-2)	Total/NA	Solid	8270E	824387
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	8270E	824387
MB 500-824387/1-A	Method Blank	Total/NA	Solid	8270E	824387

Eurofins Chicago

QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

GC/MS Semi VOA (Continued)

Analysis Batch: 824407 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-824387/2-A	Lab Control Sample	Total/NA	Solid	8270E	824387
500-270891-20 MS	3055V-193-B01 (0-2)	Total/NA	Solid	8270E	824387
500-270891-20 MSD	3055V-193-B01 (0-2)	Total/NA	Solid	8270E	824387

Analysis Batch: 824795

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	8270E	824387

Prep Batch: 824905

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	3546	
MB 500-824905/1-A	Method Blank	Total/NA	Solid	3546	
LCS 500-824905/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 824983

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	8270E	824905
MB 500-824905/1-A	Method Blank	Total/NA	Solid	8270E	824905
LCS 500-824905/2-A	Lab Control Sample	Total/NA	Solid	8270E	824905

Metals

Prep Batch: 824432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	Total/NA	Solid	3050B	
500-270891-2	3055V-181-B01 (0-2)	Total/NA	Solid	3050B	
500-270891-3	3055V-200-B01 (0-2)	Total/NA	Solid	3050B	
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	3050B	
500-270891-5	3055V-01-B01 (0-5)	Total/NA	Solid	3050B	
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	3050B	
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	3050B	
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	3050B	
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	3050B	
500-270891-10	3055V-01-B02 (5-10)	Total/NA	Solid	3050B	
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	3050B	
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	3050B	
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	3050B	
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	3050B	
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	3050B	
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	3050B	
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	3050B	
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	3050B	
500-270891-19	3055V-165-B01 (0-2)	Total/NA	Solid	3050B	
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	3050B	
MB 500-824432/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-824432/2-A	Lab Control Sample	Total/NA	Solid	3050B	
500-270891-1 MS	3055V-179-B01 (0-1)	Total/NA	Solid	3050B	
500-270891-1 MSD	3055V-179-B01 (0-1)	Total/NA	Solid	3050B	
500-270891-1 DU	3055V-179-B01 (0-1)	Total/NA	Solid	3050B	

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Metals

Leach Batch: 824709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	TCLP	Solid	1311	
500-270891-2	3055V-181-B01 (0-2)	TCLP	Solid	1311	
500-270891-6	3055V-01-B01 (5-10)	TCLP	Solid	1311	
500-270891-7	3055V-01-B01 (10-15)	TCLP	Solid	1311	
500-270891-9	3055V-01-B02 (0-5)	TCLP	Solid	1311	
500-270891-11	3055V-01-B02 (10-15)	TCLP	Solid	1311	
500-270891-12	3055V-01-B02 (10-15)D	TCLP	Solid	1311	
500-270891-13	3055V-01-B02 (15-20)	TCLP	Solid	1311	
500-270891-14	3055V-01-B04 (0-5)	TCLP	Solid	1311	
500-270891-15	3055V-01-B04 (5-10)	TCLP	Solid	1311	
LB 500-824709/1-B	Method Blank	TCLP	Solid	1311	
LB 500-824709/1-C	Method Blank	TCLP	Solid	1311	
500-270891-1 MS	3055V-179-B01 (0-1)	TCLP	Solid	1311	
500-270891-1 DU	3055V-179-B01 (0-1)	TCLP	Solid	1311	

Leach Batch: 824710

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	SPLP East	Solid	1312	
500-270891-2	3055V-181-B01 (0-2)	SPLP East	Solid	1312	
500-270891-3	3055V-200-B01 (0-2)	SPLP East	Solid	1312	
500-270891-4	3055V-200-B02 (0-1)	SPLP East	Solid	1312	
500-270891-5	3055V-01-B01 (0-5)	SPLP East	Solid	1312	
500-270891-6	3055V-01-B01 (5-10)	SPLP East	Solid	1312	
500-270891-7	3055V-01-B01 (10-15)	SPLP East	Solid	1312	
500-270891-8	3055V-01-B01 (15-19.5)	SPLP East	Solid	1312	
500-270891-9	3055V-01-B02 (0-5)	SPLP East	Solid	1312	
500-270891-10	3055V-01-B02 (5-10)	SPLP East	Solid	1312	
500-270891-11	3055V-01-B02 (10-15)	SPLP East	Solid	1312	
500-270891-12	3055V-01-B02 (10-15)D	SPLP East	Solid	1312	
500-270891-13	3055V-01-B02 (15-20)	SPLP East	Solid	1312	
500-270891-14	3055V-01-B04 (0-5)	SPLP East	Solid	1312	
500-270891-15	3055V-01-B04 (5-10)	SPLP East	Solid	1312	
LB 500-824710/1-B	Method Blank	SPLP East	Solid	1312	
500-270891-1 MS	3055V-179-B01 (0-1)	SPLP East	Solid	1312	
500-270891-1 DU	3055V-179-B01 (0-1)	SPLP East	Solid	1312	

Leach Batch: 824736

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-3	3055V-200-B01 (0-2)	TCLP	Solid	1311	
500-270891-4	3055V-200-B02 (0-1)	TCLP	Solid	1311	
500-270891-5	3055V-01-B01 (0-5)	TCLP	Solid	1311	
500-270891-8	3055V-01-B01 (15-19.5)	TCLP	Solid	1311	
500-270891-10	3055V-01-B02 (5-10)	TCLP	Solid	1311	
LB2 500-824736/1-B	Method Blank	TCLP	Solid	1311	
LB2 500-824736/1-C	Method Blank	TCLP	Solid	1311	

Leach Batch: 824870

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-16	3055V-01-B04 (10-15)	TCLP	Solid	1311	
500-270891-17	3055V-01-B04 (15-20)	TCLP	Solid	1311	
500-270891-18	3055V-165-B02 (0-1)	TCLP	Solid	1311	

Eurofins Chicago

QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Metals (Continued)

Leach Batch: 824870 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-19	3055V-165-B01 (0-2)	TCLP	Solid	1311	
LB 500-824870/1-B	Method Blank	TCLP	Solid	1311	
LB 500-824870/1-C	Method Blank	TCLP	Solid	1311	

Leach Batch: 824871

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-16	3055V-01-B04 (10-15)	SPLP East	Solid	1312	
500-270891-17	3055V-01-B04 (15-20)	SPLP East	Solid	1312	
500-270891-18	3055V-165-B02 (0-1)	SPLP East	Solid	1312	
500-270891-19	3055V-165-B01 (0-2)	SPLP East	Solid	1312	
LB 500-824871/1-C	Method Blank	SPLP East	Solid	1312	

Prep Batch: 824919

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	TCLP	Solid	3010A	824709
500-270891-2	3055V-181-B01 (0-2)	TCLP	Solid	3010A	824709
500-270891-3	3055V-200-B01 (0-2)	TCLP	Solid	3010A	824736
500-270891-4	3055V-200-B02 (0-1)	TCLP	Solid	3010A	824736
500-270891-5	3055V-01-B01 (0-5)	TCLP	Solid	3010A	824736
500-270891-6	3055V-01-B01 (5-10)	TCLP	Solid	3010A	824709
500-270891-7	3055V-01-B01 (10-15)	TCLP	Solid	3010A	824709
500-270891-8	3055V-01-B01 (15-19.5)	TCLP	Solid	3010A	824736
500-270891-9	3055V-01-B02 (0-5)	TCLP	Solid	3010A	824709
500-270891-10	3055V-01-B02 (5-10)	TCLP	Solid	3010A	824736
500-270891-11	3055V-01-B02 (10-15)	TCLP	Solid	3010A	824709
500-270891-12	3055V-01-B02 (10-15)D	TCLP	Solid	3010A	824709
500-270891-13	3055V-01-B02 (15-20)	TCLP	Solid	3010A	824709
500-270891-14	3055V-01-B04 (0-5)	TCLP	Solid	3010A	824709
500-270891-15	3055V-01-B04 (5-10)	TCLP	Solid	3010A	824709
LB 500-824709/1-B	Method Blank	TCLP	Solid	3010A	824709
LB2 500-824736/1-B	Method Blank	TCLP	Solid	3010A	824736
LCS 500-824919/16-A	Lab Control Sample	Total/NA	Solid	3010A	
LCS 500-824919/2-A	Lab Control Sample	Total/NA	Solid	3010A	
500-270891-1 MS	3055V-179-B01 (0-1)	TCLP	Solid	3010A	824709
500-270891-1 DU	3055V-179-B01 (0-1)	TCLP	Solid	3010A	824709

Prep Batch: 824920

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	SPLP East	Solid	3010A	824710
500-270891-2	3055V-181-B01 (0-2)	SPLP East	Solid	3010A	824710
500-270891-3	3055V-200-B01 (0-2)	SPLP East	Solid	3010A	824710
500-270891-4	3055V-200-B02 (0-1)	SPLP East	Solid	3010A	824710
500-270891-5	3055V-01-B01 (0-5)	SPLP East	Solid	3010A	824710
500-270891-6	3055V-01-B01 (5-10)	SPLP East	Solid	3010A	824710
500-270891-7	3055V-01-B01 (10-15)	SPLP East	Solid	3010A	824710
500-270891-8	3055V-01-B01 (15-19.5)	SPLP East	Solid	3010A	824710
500-270891-9	3055V-01-B02 (0-5)	SPLP East	Solid	3010A	824710
500-270891-10	3055V-01-B02 (5-10)	SPLP East	Solid	3010A	824710
500-270891-11	3055V-01-B02 (10-15)	SPLP East	Solid	3010A	824710
500-270891-12	3055V-01-B02 (10-15)D	SPLP East	Solid	3010A	824710
500-270891-13	3055V-01-B02 (15-20)	SPLP East	Solid	3010A	824710

Eurofins Chicago

QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Metals (Continued)

Prep Batch: 824920 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-14	3055V-01-B04 (0-5)	SPLP East	Solid	3010A	824710
500-270891-15	3055V-01-B04 (5-10)	SPLP East	Solid	3010A	824710
LB 500-824710/1-B	Method Blank	SPLP East	Solid	3010A	824710
LCS 500-824920/2-A	Lab Control Sample	Total/NA	Solid	3010A	
500-270891-1 MS	3055V-179-B01 (0-1)	SPLP East	Solid	3010A	824710
500-270891-1 DU	3055V-179-B01 (0-1)	SPLP East	Solid	3010A	824710

Leach Batch: 825006

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-20	3055V-193-B01 (0-2)	TCLP	Solid	1311	
LB 500-825006/1-B	Method Blank	TCLP	Solid	1311	
LB 500-825006/1-C	Method Blank	TCLP	Solid	1311	
500-270891-20 MS	3055V-193-B01 (0-2)	TCLP	Solid	1311	
500-270891-20 DU	3055V-193-B01 (0-2)	TCLP	Solid	1311	

Leach Batch: 825016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-20	3055V-193-B01 (0-2)	SPLP East	Solid	1312	
LB 500-825016/1-B	Method Blank	SPLP East	Solid	1312	
500-270891-20 MS	3055V-193-B01 (0-2)	SPLP East	Solid	1312	
500-270891-20 DU	3055V-193-B01 (0-2)	SPLP East	Solid	1312	

Analysis Batch: 825017

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	Total/NA	Solid	6010D	824432
500-270891-2	3055V-181-B01 (0-2)	Total/NA	Solid	6010D	824432
500-270891-3	3055V-200-B01 (0-2)	Total/NA	Solid	6010D	824432
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	6010D	824432
500-270891-5	3055V-01-B01 (0-5)	Total/NA	Solid	6010D	824432
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	6010D	824432
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	6010D	824432
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	6010D	824432
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	6010D	824432
500-270891-10	3055V-01-B02 (5-10)	Total/NA	Solid	6010D	824432
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	6010D	824432
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	6010D	824432
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	6010D	824432
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	6010D	824432
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	6010D	824432
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	6010D	824432
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	6010D	824432
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	6010D	824432
500-270891-19	3055V-165-B01 (0-2)	Total/NA	Solid	6010D	824432
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	6010D	824432
MB 500-824432/1-A	Method Blank	Total/NA	Solid	6010D	824432
LCS 500-824432/2-A	Lab Control Sample	Total/NA	Solid	6010D	824432
500-270891-1 MS	3055V-179-B01 (0-1)	Total/NA	Solid	6010D	824432
500-270891-1 MSD	3055V-179-B01 (0-1)	Total/NA	Solid	6010D	824432
500-270891-1 DU	3055V-179-B01 (0-1)	Total/NA	Solid	6010D	824432

Eurofins Chicago

QC Association Summary

Client: WSP USA Inc

Job ID: 500-270891-1

Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Metals

Prep Batch: 825055

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	TCLP	Solid	7470A	824709
500-270891-2	3055V-181-B01 (0-2)	TCLP	Solid	7470A	824709
500-270891-3	3055V-200-B01 (0-2)	TCLP	Solid	7470A	824736
500-270891-4	3055V-200-B02 (0-1)	TCLP	Solid	7470A	824736
500-270891-5	3055V-01-B01 (0-5)	TCLP	Solid	7470A	824736
500-270891-6	3055V-01-B01 (5-10)	TCLP	Solid	7470A	824709
500-270891-7	3055V-01-B01 (10-15)	TCLP	Solid	7470A	824709
500-270891-8	3055V-01-B01 (15-19.5)	TCLP	Solid	7470A	824736
500-270891-9	3055V-01-B02 (0-5)	TCLP	Solid	7470A	824709
500-270891-10	3055V-01-B02 (5-10)	TCLP	Solid	7470A	824736
500-270891-11	3055V-01-B02 (10-15)	TCLP	Solid	7470A	824709
500-270891-12	3055V-01-B02 (10-15)D	TCLP	Solid	7470A	824709
500-270891-13	3055V-01-B02 (15-20)	TCLP	Solid	7470A	824709
500-270891-14	3055V-01-B04 (0-5)	TCLP	Solid	7470A	824709
500-270891-15	3055V-01-B04 (5-10)	TCLP	Solid	7470A	824709
LB 500-824709/1-C	Method Blank	TCLP	Solid	7470A	824709
LB2 500-824736/1-C	Method Blank	TCLP	Solid	7470A	824736
MB 500-825055/12-A	Method Blank	Total/NA	Solid	7470A	
LCS 500-825055/14-A	Lab Control Sample	Total/NA	Solid	7470A	
LCS 500-825055/30-A	Lab Control Sample	Total/NA	Solid	7470A	
500-270891-1 MS	3055V-179-B01 (0-1)	TCLP	Solid	7470A	824709
500-270891-1 DU	3055V-179-B01 (0-1)	TCLP	Solid	7470A	824709

Prep Batch: 825103

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-16	3055V-01-B04 (10-15)	TCLP	Solid	3010A	824870
500-270891-17	3055V-01-B04 (15-20)	TCLP	Solid	3010A	824870
500-270891-18	3055V-165-B02 (0-1)	TCLP	Solid	3010A	824870
500-270891-19	3055V-165-B01 (0-2)	TCLP	Solid	3010A	824870
LB 500-824870/1-B	Method Blank	TCLP	Solid	3010A	824870
LCS 500-825103/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Analysis Batch: 825222

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	SPLP East	Solid	6010D	824920
500-270891-1	3055V-179-B01 (0-1)	TCLP	Solid	6010D	824919
500-270891-2	3055V-181-B01 (0-2)	SPLP East	Solid	6010D	824920
500-270891-2	3055V-181-B01 (0-2)	TCLP	Solid	6010D	824919
500-270891-3	3055V-200-B01 (0-2)	SPLP East	Solid	6010D	824920
500-270891-3	3055V-200-B01 (0-2)	TCLP	Solid	6010D	824919
500-270891-4	3055V-200-B02 (0-1)	SPLP East	Solid	6010D	824920
500-270891-4	3055V-200-B02 (0-1)	TCLP	Solid	6010D	824919
500-270891-5	3055V-01-B01 (0-5)	SPLP East	Solid	6010D	824920
500-270891-5	3055V-01-B01 (0-5)	TCLP	Solid	6010D	824919
500-270891-6	3055V-01-B01 (5-10)	SPLP East	Solid	6010D	824920
500-270891-6	3055V-01-B01 (5-10)	TCLP	Solid	6010D	824919
500-270891-7	3055V-01-B01 (10-15)	SPLP East	Solid	6010D	824920
500-270891-7	3055V-01-B01 (10-15)	TCLP	Solid	6010D	824919
500-270891-8	3055V-01-B01 (15-19.5)	SPLP East	Solid	6010D	824920
500-270891-8	3055V-01-B01 (15-19.5)	TCLP	Solid	6010D	824919
500-270891-9	3055V-01-B02 (0-5)	SPLP East	Solid	6010D	824920

Eurofins Chicago

QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Metals (Continued)

Analysis Batch: 825222 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-9	3055V-01-B02 (0-5)	TCLP	Solid	6010D	824919
500-270891-10	3055V-01-B02 (5-10)	SPLP East	Solid	6010D	824920
500-270891-10	3055V-01-B02 (5-10)	TCLP	Solid	6010D	824919
500-270891-11	3055V-01-B02 (10-15)	SPLP East	Solid	6010D	824920
500-270891-11	3055V-01-B02 (10-15)	TCLP	Solid	6010D	824919
500-270891-12	3055V-01-B02 (10-15)D	SPLP East	Solid	6010D	824920
500-270891-12	3055V-01-B02 (10-15)D	TCLP	Solid	6010D	824919
500-270891-13	3055V-01-B02 (15-20)	SPLP East	Solid	6010D	824920
500-270891-13	3055V-01-B02 (15-20)	TCLP	Solid	6010D	824919
500-270891-14	3055V-01-B04 (0-5)	SPLP East	Solid	6010D	824920
500-270891-14	3055V-01-B04 (0-5)	TCLP	Solid	6010D	824919
500-270891-15	3055V-01-B04 (5-10)	SPLP East	Solid	6010D	824920
500-270891-15	3055V-01-B04 (5-10)	TCLP	Solid	6010D	824919
LB 500-824709/1-B	Method Blank	TCLP	Solid	6010D	824919
LB 500-824710/1-B	Method Blank	SPLP East	Solid	6010D	824920
LB2 500-824736/1-B	Method Blank	TCLP	Solid	6010D	824919
LCS 500-824919/16-A	Lab Control Sample	Total/NA	Solid	6010D	824919
LCS 500-824919/2-A	Lab Control Sample	Total/NA	Solid	6010D	824919
LCS 500-824920/2-A	Lab Control Sample	Total/NA	Solid	6010D	824920
500-270891-1 MS	3055V-179-B01 (0-1)	SPLP East	Solid	6010D	824920
500-270891-1 MS	3055V-179-B01 (0-1)	TCLP	Solid	6010D	824919
500-270891-1 DU	3055V-179-B01 (0-1)	SPLP East	Solid	6010D	824920
500-270891-1 DU	3055V-179-B01 (0-1)	TCLP	Solid	6010D	824919

Analysis Batch: 825242

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	6010D	824432
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	6010D	824432
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	6010D	824432
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	6010D	824432
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	6010D	824432
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	6010D	824432
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	6010D	824432
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	6010D	824432
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	6010D	824432
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	6010D	824432
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	6010D	824432
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	6010D	824432
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	6010D	824432
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	6010D	824432
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	6010D	824432
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	6010D	824432

Analysis Batch: 825265

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	TCLP	Solid	7470A	825055
500-270891-2	3055V-181-B01 (0-2)	TCLP	Solid	7470A	825055
500-270891-3	3055V-200-B01 (0-2)	TCLP	Solid	7470A	825055
500-270891-4	3055V-200-B02 (0-1)	TCLP	Solid	7470A	825055
500-270891-5	3055V-01-B01 (0-5)	TCLP	Solid	7470A	825055
500-270891-6	3055V-01-B01 (5-10)	TCLP	Solid	7470A	825055

Eurofins Chicago

QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Metals (Continued)

Analysis Batch: 825265 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-7	3055V-01-B01 (10-15)	TCLP	Solid	7470A	825055
500-270891-8	3055V-01-B01 (15-19.5)	TCLP	Solid	7470A	825055
500-270891-9	3055V-01-B02 (0-5)	TCLP	Solid	7470A	825055
500-270891-10	3055V-01-B02 (5-10)	TCLP	Solid	7470A	825055
500-270891-11	3055V-01-B02 (10-15)	TCLP	Solid	7470A	825055
500-270891-12	3055V-01-B02 (10-15)D	TCLP	Solid	7470A	825055
500-270891-13	3055V-01-B02 (15-20)	TCLP	Solid	7470A	825055
500-270891-14	3055V-01-B04 (0-5)	TCLP	Solid	7470A	825055
500-270891-15	3055V-01-B04 (5-10)	TCLP	Solid	7470A	825055
LB 500-824709/1-C	Method Blank	TCLP	Solid	7470A	825055
LB2 500-824736/1-C	Method Blank	TCLP	Solid	7470A	825055
MB 500-825055/12-A	Method Blank	Total/NA	Solid	7470A	825055
LCS 500-825055/14-A	Lab Control Sample	Total/NA	Solid	7470A	825055
LCS 500-825055/30-A	Lab Control Sample	Total/NA	Solid	7470A	825055
500-270891-1 MS	3055V-179-B01 (0-1)	TCLP	Solid	7470A	825055
500-270891-1 DU	3055V-179-B01 (0-1)	TCLP	Solid	7470A	825055

Prep Batch: 825271

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-16	3055V-01-B04 (10-15)	TCLP	Solid	7470A	824870
500-270891-17	3055V-01-B04 (15-20)	TCLP	Solid	7470A	824870
500-270891-18	3055V-165-B02 (0-1)	TCLP	Solid	7470A	824870
500-270891-19	3055V-165-B01 (0-2)	TCLP	Solid	7470A	824870
LB 500-824870/1-C	Method Blank	TCLP	Solid	7470A	824870
MB 500-825271/12-A	Method Blank	Total/NA	Solid	7470A	
LCS 500-825271/14-A	Lab Control Sample	Total/NA	Solid	7470A	

Prep Batch: 825298

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-20	3055V-193-B01 (0-2)	TCLP	Solid	3010A	825006
LB 500-825006/1-B	Method Blank	TCLP	Solid	3010A	825006
LCS 500-825298/2-A	Lab Control Sample	Total/NA	Solid	3010A	
500-270891-20 MS	3055V-193-B01 (0-2)	TCLP	Solid	3010A	825006
500-270891-20 DU	3055V-193-B01 (0-2)	TCLP	Solid	3010A	825006

Prep Batch: 825300

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-16	3055V-01-B04 (10-15)	SPLP East	Solid	3010A	824871
500-270891-17	3055V-01-B04 (15-20)	SPLP East	Solid	3010A	824871
500-270891-18	3055V-165-B02 (0-1)	SPLP East	Solid	3010A	824871
500-270891-19	3055V-165-B01 (0-2)	SPLP East	Solid	3010A	824871
LB 500-824871/1-C	Method Blank	SPLP East	Solid	3010A	824871
LCS 500-825300/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Prep Batch: 825301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	Total/NA	Solid	7471B	
500-270891-2	3055V-181-B01 (0-2)	Total/NA	Solid	7471B	
500-270891-3	3055V-200-B01 (0-2)	Total/NA	Solid	7471B	
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	7471B	
500-270891-5	3055V-01-B01 (0-5)	Total/NA	Solid	7471B	

Eurofins Chicago

QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Metals (Continued)

Prep Batch: 825301 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	7471B	
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	7471B	
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	7471B	
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	7471B	
500-270891-10	3055V-01-B02 (5-10)	Total/NA	Solid	7471B	
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	7471B	
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	7471B	
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	7471B	
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	7471B	
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	7471B	
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	7471B	
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	7471B	
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	7471B	
500-270891-19	3055V-165-B01 (0-2)	Total/NA	Solid	7471B	
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	7471B	
MB 500-825301/12-A	Method Blank	Total/NA	Solid	7471B	
LCS 500-825301/13-A	Lab Control Sample	Total/NA	Solid	7471B	
500-270891-11 MS	3055V-01-B02 (10-15)	Total/NA	Solid	7471B	
500-270891-11 MSD	3055V-01-B02 (10-15)	Total/NA	Solid	7471B	
500-270891-11 DU	3055V-01-B02 (10-15)	Total/NA	Solid	7471B	

Prep Batch: 825322

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-20	3055V-193-B01 (0-2)	SPLP East	Solid	3010A	825016
LB 500-825016/1-B	Method Blank	SPLP East	Solid	3010A	825016
LCS 500-825322/2-A	Lab Control Sample	Total/NA	Solid	3010A	
500-270891-20 MS	3055V-193-B01 (0-2)	SPLP East	Solid	3010A	825016
500-270891-20 DU	3055V-193-B01 (0-2)	SPLP East	Solid	3010A	825016

Analysis Batch: 825353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-16	3055V-01-B04 (10-15)	TCLP	Solid	6010D	825103
500-270891-17	3055V-01-B04 (15-20)	TCLP	Solid	6010D	825103
500-270891-18	3055V-165-B02 (0-1)	TCLP	Solid	6010D	825103
500-270891-19	3055V-165-B01 (0-2)	TCLP	Solid	6010D	825103
LB 500-824870/1-B	Method Blank	TCLP	Solid	6010D	825103
LCS 500-825103/2-A	Lab Control Sample	Total/NA	Solid	6010D	825103

Analysis Batch: 825354

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	TCLP	Solid	6010D	824919
500-270891-2	3055V-181-B01 (0-2)	TCLP	Solid	6010D	824919
500-270891-6	3055V-01-B01 (5-10)	TCLP	Solid	6010D	824919
500-270891-7	3055V-01-B01 (10-15)	TCLP	Solid	6010D	824919
500-270891-9	3055V-01-B02 (0-5)	TCLP	Solid	6010D	824919
500-270891-11	3055V-01-B02 (10-15)	TCLP	Solid	6010D	824919
500-270891-12	3055V-01-B02 (10-15)D	TCLP	Solid	6010D	824919
500-270891-13	3055V-01-B02 (15-20)	TCLP	Solid	6010D	824919
500-270891-14	3055V-01-B04 (0-5)	TCLP	Solid	6010D	824919
500-270891-15	3055V-01-B04 (5-10)	TCLP	Solid	6010D	824919
LB 500-824709/1-B	Method Blank	TCLP	Solid	6010D	824919

Eurofins Chicago

QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Metals (Continued)

Analysis Batch: 825354 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-824919/2-A	Lab Control Sample	Total/NA	Solid	6010D	824919
500-270891-1 MS	3055V-179-B01 (0-1)	TCLP	Solid	6010D	824919
500-270891-1 DU	3055V-179-B01 (0-1)	TCLP	Solid	6010D	824919

Analysis Batch: 825416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-3	3055V-200-B01 (0-2)	TCLP	Solid	6010D	824919
500-270891-8	3055V-01-B01 (15-19.5)	TCLP	Solid	6010D	824919
500-270891-10	3055V-01-B02 (5-10)	TCLP	Solid	6010D	824919

Analysis Batch: 825455

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-16	3055V-01-B04 (10-15)	TCLP	Solid	7470A	825271
500-270891-17	3055V-01-B04 (15-20)	TCLP	Solid	7470A	825271
500-270891-18	3055V-165-B02 (0-1)	TCLP	Solid	7470A	825271
500-270891-19	3055V-165-B01 (0-2)	TCLP	Solid	7470A	825271
LB 500-824870/1-C	Method Blank	TCLP	Solid	7470A	825271
MB 500-825271/12-A	Method Blank	Total/NA	Solid	7470A	825271
LCS 500-825271/14-A	Lab Control Sample	Total/NA	Solid	7470A	825271

Analysis Batch: 825473

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	Total/NA	Solid	7471B	825301
500-270891-2	3055V-181-B01 (0-2)	Total/NA	Solid	7471B	825301
500-270891-3	3055V-200-B01 (0-2)	Total/NA	Solid	7471B	825301
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	7471B	825301
500-270891-5	3055V-01-B01 (0-5)	Total/NA	Solid	7471B	825301
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	7471B	825301
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	7471B	825301
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	7471B	825301
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	7471B	825301
500-270891-10	3055V-01-B02 (5-10)	Total/NA	Solid	7471B	825301
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	7471B	825301
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	7471B	825301
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	7471B	825301
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	7471B	825301
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	7471B	825301
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	7471B	825301
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	7471B	825301
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	7471B	825301
500-270891-19	3055V-165-B01 (0-2)	Total/NA	Solid	7471B	825301
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	7471B	825301
MB 500-825301/12-A	Method Blank	Total/NA	Solid	7471B	825301
LCS 500-825301/13-A	Lab Control Sample	Total/NA	Solid	7471B	825301
500-270891-11 MS	3055V-01-B02 (10-15)	Total/NA	Solid	7471B	825301
500-270891-11 MSD	3055V-01-B02 (10-15)	Total/NA	Solid	7471B	825301
500-270891-11 DU	3055V-01-B02 (10-15)	Total/NA	Solid	7471B	825301

Analysis Batch: 825582

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-16	3055V-01-B04 (10-15)	SPLP East	Solid	6010D	825300

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QC Association Summary

Client: WSP USA Inc

Job ID: 500-270891-1

Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Metals (Continued)

Analysis Batch: 825582 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-17	3055V-01-B04 (15-20)	SPLP East	Solid	6010D	825300
500-270891-18	3055V-165-B02 (0-1)	SPLP East	Solid	6010D	825300
500-270891-19	3055V-165-B01 (0-2)	SPLP East	Solid	6010D	825300
500-270891-20	3055V-193-B01 (0-2)	SPLP East	Solid	6010D	825322
LB 500-824871/1-C	Method Blank	SPLP East	Solid	6010D	825300
LB 500-825016/1-B	Method Blank	SPLP East	Solid	6010D	825322
LCS 500-825300/2-A	Lab Control Sample	Total/NA	Solid	6010D	825300
LCS 500-825322/2-A	Lab Control Sample	Total/NA	Solid	6010D	825322
500-270891-20 MS	3055V-193-B01 (0-2)	SPLP East	Solid	6010D	825322
500-270891-20 DU	3055V-193-B01 (0-2)	SPLP East	Solid	6010D	825322

Analysis Batch: 825584

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-16	3055V-01-B04 (10-15)	TCLP	Solid	6010D	825103
500-270891-17	3055V-01-B04 (15-20)	TCLP	Solid	6010D	825103
500-270891-18	3055V-165-B02 (0-1)	TCLP	Solid	6010D	825103
500-270891-19	3055V-165-B01 (0-2)	TCLP	Solid	6010D	825103
500-270891-20	3055V-193-B01 (0-2)	TCLP	Solid	6010D	825298
LB 500-825006/1-B	Method Blank	TCLP	Solid	6010D	825298
LCS 500-825298/2-A	Lab Control Sample	Total/NA	Solid	6010D	825298
500-270891-20 MS	3055V-193-B01 (0-2)	TCLP	Solid	6010D	825298
500-270891-20 DU	3055V-193-B01 (0-2)	TCLP	Solid	6010D	825298

Prep Batch: 825664

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-20	3055V-193-B01 (0-2)	TCLP	Solid	7470A	825006
LB 500-825006/1-C	Method Blank	TCLP	Solid	7470A	825006
MB 500-825664/12-A	Method Blank	Total/NA	Solid	7470A	
LCS 500-825664/14-A	Lab Control Sample	Total/NA	Solid	7470A	
500-270891-20 MS	3055V-193-B01 (0-2)	TCLP	Solid	7470A	825006
500-270891-20 DU	3055V-193-B01 (0-2)	TCLP	Solid	7470A	825006

Analysis Batch: 825793

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	TCLP	Solid	6020B	824919
500-270891-2	3055V-181-B01 (0-2)	TCLP	Solid	6020B	824919
500-270891-3	3055V-200-B01 (0-2)	TCLP	Solid	6020B	824919
500-270891-4	3055V-200-B02 (0-1)	TCLP	Solid	6020B	824919
500-270891-5	3055V-01-B01 (0-5)	TCLP	Solid	6020B	824919
500-270891-6	3055V-01-B01 (5-10)	TCLP	Solid	6020B	824919
500-270891-7	3055V-01-B01 (10-15)	TCLP	Solid	6020B	824919
500-270891-8	3055V-01-B01 (15-19.5)	TCLP	Solid	6020B	824919
500-270891-9	3055V-01-B02 (0-5)	TCLP	Solid	6020B	824919
500-270891-10	3055V-01-B02 (5-10)	TCLP	Solid	6020B	824919
500-270891-11	3055V-01-B02 (10-15)	TCLP	Solid	6020B	824919
500-270891-12	3055V-01-B02 (10-15)D	TCLP	Solid	6020B	824919
500-270891-13	3055V-01-B02 (15-20)	TCLP	Solid	6020B	824919
500-270891-14	3055V-01-B04 (0-5)	TCLP	Solid	6020B	824919
500-270891-15	3055V-01-B04 (5-10)	TCLP	Solid	6020B	824919
500-270891-16	3055V-01-B04 (10-15)	TCLP	Solid	6020B	825103
500-270891-17	3055V-01-B04 (15-20)	TCLP	Solid	6020B	825103

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Metals (Continued)

Analysis Batch: 825793 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-18	3055V-165-B02 (0-1)	TCLP	Solid	6020B	825103
500-270891-19	3055V-165-B01 (0-2)	TCLP	Solid	6020B	825103
500-270891-20	3055V-193-B01 (0-2)	TCLP	Solid	6020B	825298
LB 500-824709/1-B	Method Blank	TCLP	Solid	6020B	824919
LB 500-824870/1-B	Method Blank	TCLP	Solid	6020B	825103
LB 500-825006/1-B	Method Blank	TCLP	Solid	6020B	825298
LB2 500-824736/1-B	Method Blank	TCLP	Solid	6020B	824919
LCS 500-824919/16-A	Lab Control Sample	Total/NA	Solid	6020B	824919
LCS 500-824919/2-A	Lab Control Sample	Total/NA	Solid	6020B	824919
LCS 500-825103/2-A	Lab Control Sample	Total/NA	Solid	6020B	825103
LCS 500-825298/2-A	Lab Control Sample	Total/NA	Solid	6020B	825298
500-270891-1 MS	3055V-179-B01 (0-1)	TCLP	Solid	6020B	824919
500-270891-20 MS	3055V-193-B01 (0-2)	TCLP	Solid	6020B	825298
500-270891-1 DU	3055V-179-B01 (0-1)	TCLP	Solid	6020B	824919
500-270891-20 DU	3055V-193-B01 (0-2)	TCLP	Solid	6020B	825298

Analysis Batch: 825794

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-20	3055V-193-B01 (0-2)	TCLP	Solid	6010D	825298
500-270891-20 MS	3055V-193-B01 (0-2)	TCLP	Solid	6010D	825298
500-270891-20 DU	3055V-193-B01 (0-2)	TCLP	Solid	6010D	825298

Analysis Batch: 825842

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-20	3055V-193-B01 (0-2)	TCLP	Solid	7470A	825664
LB 500-825006/1-C	Method Blank	TCLP	Solid	7470A	825664
MB 500-825664/12-A	Method Blank	Total/NA	Solid	7470A	825664
LCS 500-825664/14-A	Lab Control Sample	Total/NA	Solid	7470A	825664
500-270891-20 MS	3055V-193-B01 (0-2)	TCLP	Solid	7470A	825664
500-270891-20 DU	3055V-193-B01 (0-2)	TCLP	Solid	7470A	825664

General Chemistry

Analysis Batch: 824244

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	Total/NA	Solid	Moisture	
500-270891-2	3055V-181-B01 (0-2)	Total/NA	Solid	Moisture	
500-270891-3	3055V-200-B01 (0-2)	Total/NA	Solid	Moisture	
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	Moisture	
500-270891-5	3055V-01-B01 (0-5)	Total/NA	Solid	Moisture	
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	Moisture	
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	Moisture	
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	Moisture	
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	Moisture	
500-270891-10	3055V-01-B02 (5-10)	Total/NA	Solid	Moisture	
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	Moisture	
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	Moisture	
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	Moisture	
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	Moisture	
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	Moisture	
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	Moisture	

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

General Chemistry (Continued)

Analysis Batch: 824244 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	Moisture	
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	Moisture	
500-270891-19	3055V-165-B01 (0-2)	Total/NA	Solid	Moisture	
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	Moisture	
500-270891-1 DU	3055V-179-B01 (0-1)	Total/NA	Solid	Moisture	

Analysis Batch: 824296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	Total/NA	Solid	9045D	
500-270891-2	3055V-181-B01 (0-2)	Total/NA	Solid	9045D	
500-270891-3	3055V-200-B01 (0-2)	Total/NA	Solid	9045D	
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	9045D	
500-270891-5	3055V-01-B01 (0-5)	Total/NA	Solid	9045D	
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	9045D	
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	9045D	
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	9045D	
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	9045D	
500-270891-10	3055V-01-B02 (5-10)	Total/NA	Solid	9045D	
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	9045D	
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	9045D	
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	9045D	
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	9045D	
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	9045D	
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	9045D	
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	9045D	
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	9045D	
500-270891-19	3055V-165-B01 (0-2)	Total/NA	Solid	9045D	
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	9045D	
LCS 500-824296/2	Lab Control Sample	Total/NA	Solid	9045D	
LCSD 500-824296/3	Lab Control Sample Dup	Total/NA	Solid	9045D	
500-270891-10 DU	3055V-01-B02 (5-10)	Total/NA	Solid	9045D	

Prep Batch: 824575

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	Total/NA	Solid	9010C	
500-270891-2	3055V-181-B01 (0-2)	Total/NA	Solid	9010C	
500-270891-3	3055V-200-B01 (0-2)	Total/NA	Solid	9010C	
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	9010C	
500-270891-5	3055V-01-B01 (0-5)	Total/NA	Solid	9010C	
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	9010C	
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	9010C	
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	9010C	
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	9010C	
500-270891-10	3055V-01-B02 (5-10)	Total/NA	Solid	9010C	
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	9010C	
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	9010C	
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	9010C	
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	9010C	
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	9010C	
MB 500-824575/1-A	Method Blank	Total/NA	Solid	9010C	
LCS 500-824575/2-A	Lab Control Sample	Total/NA	Solid	9010C	

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

General Chemistry (Continued)

Prep Batch: 824575 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-5 MS	3055V-01-B01 (0-5)	Total/NA	Solid	9010C	
500-270891-5 MSD	3055V-01-B01 (0-5)	Total/NA	Solid	9010C	
500-270891-12 MS	3055V-01-B02 (10-15)D	Total/NA	Solid	9010C	
500-270891-12 MSD	3055V-01-B02 (10-15)D	Total/NA	Solid	9010C	

Prep Batch: 824706

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	9010C	
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	9010C	
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	9010C	
500-270891-19	3055V-165-B01 (0-2)	Total/NA	Solid	9010C	
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	9010C	
MB 500-824706/1-A	Method Blank	Total/NA	Solid	9010C	
LCS 500-824706/2-A	Lab Control Sample	Total/NA	Solid	9010C	

Analysis Batch: 824731

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-1	3055V-179-B01 (0-1)	Total/NA	Solid	9012B	824575
500-270891-2	3055V-181-B01 (0-2)	Total/NA	Solid	9012B	824575
500-270891-3	3055V-200-B01 (0-2)	Total/NA	Solid	9012B	824575
500-270891-4	3055V-200-B02 (0-1)	Total/NA	Solid	9012B	824575
500-270891-5	3055V-01-B01 (0-5)	Total/NA	Solid	9012B	824575
500-270891-6	3055V-01-B01 (5-10)	Total/NA	Solid	9012B	824575
500-270891-7	3055V-01-B01 (10-15)	Total/NA	Solid	9012B	824575
500-270891-8	3055V-01-B01 (15-19.5)	Total/NA	Solid	9012B	824575
500-270891-9	3055V-01-B02 (0-5)	Total/NA	Solid	9012B	824575
500-270891-10	3055V-01-B02 (5-10)	Total/NA	Solid	9012B	824575
500-270891-11	3055V-01-B02 (10-15)	Total/NA	Solid	9012B	824575
500-270891-12	3055V-01-B02 (10-15)D	Total/NA	Solid	9012B	824575
500-270891-13	3055V-01-B02 (15-20)	Total/NA	Solid	9012B	824575
500-270891-14	3055V-01-B04 (0-5)	Total/NA	Solid	9012B	824575
500-270891-15	3055V-01-B04 (5-10)	Total/NA	Solid	9012B	824575
MB 500-824575/1-A	Method Blank	Total/NA	Solid	9012B	824575
LCS 500-824575/2-A	Lab Control Sample	Total/NA	Solid	9012B	824575
500-270891-5 MS	3055V-01-B01 (0-5)	Total/NA	Solid	9012B	824575
500-270891-5 MSD	3055V-01-B01 (0-5)	Total/NA	Solid	9012B	824575
500-270891-12 MS	3055V-01-B02 (10-15)D	Total/NA	Solid	9012B	824575
500-270891-12 MSD	3055V-01-B02 (10-15)D	Total/NA	Solid	9012B	824575

Analysis Batch: 824754

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270891-16	3055V-01-B04 (10-15)	Total/NA	Solid	9012B	824706
500-270891-17	3055V-01-B04 (15-20)	Total/NA	Solid	9012B	824706
500-270891-18	3055V-165-B02 (0-1)	Total/NA	Solid	9012B	824706
500-270891-19	3055V-165-B01 (0-2)	Total/NA	Solid	9012B	824706
500-270891-20	3055V-193-B01 (0-2)	Total/NA	Solid	9012B	824706
MB 500-824706/1-A	Method Blank	Total/NA	Solid	9012B	824706
LCS 500-824706/2-A	Lab Control Sample	Total/NA	Solid	9012B	824706

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Surrogate Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (75-131)	DBFM (75-126)	DCA (70-134)	TOL (75-124)
500-270891-1	3055V-179-B01 (0-1)	113	99	96	105
500-270891-2	3055V-181-B01 (0-2)	112	96	99	103
500-270891-3	3055V-200-B01 (0-2)	113	97	97	104
500-270891-4	3055V-200-B02 (0-1)	115	98	97	105
500-270891-5	3055V-01-B01 (0-5)	112	100	101	101
500-270891-6	3055V-01-B01 (5-10)	103	101	99	103
500-270891-7	3055V-01-B01 (10-15)	103	103	100	106
500-270891-8	3055V-01-B01 (15-19.5)	103	105	95	107
500-270891-9	3055V-01-B02 (0-5)	104	101	98	104
500-270891-10	3055V-01-B02 (5-10)	105	102	98	105
500-270891-11	3055V-01-B02 (10-15)	99	102	99	107
500-270891-12	3055V-01-B02 (10-15)D	103	103	99	107
500-270891-13	3055V-01-B02 (15-20)	106	102	98	111
500-270891-14	3055V-01-B04 (0-5)	97	103	101	101
500-270891-15	3055V-01-B04 (5-10)	100	104	105	100
500-270891-16	3055V-01-B04 (10-15)	101	105	101	105
500-270891-17	3055V-01-B04 (15-20)	110	105	100	110
500-270891-18	3055V-165-B02 (0-1)	99	102	100	102
500-270891-19	3055V-165-B01 (0-2)	98	103	103	100
500-270891-20	3055V-193-B01 (0-2)	108	103	105	105
LCS 500-824184/4	Lab Control Sample	112	92	86	105
LCS 500-824263/5	Lab Control Sample	99	103	96	103
LCSD 500-824184/5	Lab Control Sample Dup	111	96	88	105
LCSD 500-824263/8	Lab Control Sample Dup	99	101	96	103
MB 500-824184/7	Method Blank	112	91	90	106
MB 500-824263/7	Method Blank	99	101	95	99

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		2FP (31-166)	PHL (30-153)	NBZ (37-147)	FBP (43-145)	TBP (31-143)	TPHL (42-157)
500-270891-1	3055V-179-B01 (0-1)	78	80	84	85	75	96
500-270891-2	3055V-181-B01 (0-2)	66	72	75	77	48	88
500-270891-3	3055V-200-B01 (0-2)	84	83	88	89	71	98
500-270891-4	3055V-200-B02 (0-1)	78	80	84	84	77	94
500-270891-5	3055V-01-B01 (0-5)	82	79	89	88	71	97
500-270891-6	3055V-01-B01 (5-10)	80	79	87	85	66	92
500-270891-7	3055V-01-B01 (10-15)	82	81	88	89	53	93
500-270891-8	3055V-01-B01 (15-19.5)	70	71	75	86	36	94
500-270891-9	3055V-01-B02 (0-5)	54	53	50	63	72	69
500-270891-10	3055V-01-B02 (5-10)	79	79	83	80	66	82
500-270891-11	3055V-01-B02 (10-15)	62	66	62	74	51	92

Eurofins Chicago

Surrogate Summary

Client: WSP USA Inc

Job ID: 500-270891-1

Project/Site: IDOT - 196-002-WO55A I-290 Central Park

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		2FP (31-166)	PHL (30-153)	NBZ (37-147)	FBP (43-145)	TBP (31-143)	TPHL (42-157)
500-270891-12	3055V-01-B02 (10-15)D	62	65	66	72	48	92
500-270891-13	3055V-01-B02 (15-20)	63	68	68	71	44	89
500-270891-14	3055V-01-B04 (0-5)	61	60	65	62	62	73
500-270891-15	3055V-01-B04 (5-10)	68	70	77	81	46	91
500-270891-16	3055V-01-B04 (10-15)	64	67	69	73	54	85
500-270891-17	3055V-01-B04 (15-20)	73	75	81	83	48	97
500-270891-18	3055V-165-B02 (0-1)	71	78	81	85	77	98
500-270891-19	3055V-165-B01 (0-2)	76	74	79	75	68	79
500-270891-20	3055V-193-B01 (0-2)	77	73	85	85	60	93
500-270891-20 MS	3055V-193-B01 (0-2)	71	71	77	79	68	89
500-270891-20 MSD	3055V-193-B01 (0-2)	80	79	87	87	70	94
LCS 500-824387/2-A	Lab Control Sample	75	77	80	78	75	82
LCS 500-824905/2-A	Lab Control Sample	79	80	85	83	81	90
MB 500-824387/1-A	Method Blank	49	50	54	50	47	54
MB 500-824905/1-A	Method Blank	81	82	89	86	82	91

Surrogate Legend

2FP = 2-Fluorophenol (Surr)

PHL = Phenol-d5 (Surr)

NBZ = Nitrobenzene-d5 (Surr)

FBP = 2-Fluorobiphenyl (Surr)

TBP = 2,4,6-Tribromophenol (Surr)

TPHL = Terphenyl-d14 (Surr)

QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: MB 500-824184/7

Matrix: Solid

Analysis Batch: 824184

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.020		0.020	0.0084	mg/Kg			07/02/25 11:30	1
Benzene	<0.0020		0.0020	0.00063	mg/Kg			07/02/25 11:30	1
Bromodichloromethane	<0.0020		0.0020	0.00064	mg/Kg			07/02/25 11:30	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg			07/02/25 11:30	1
Bromomethane	<0.0050		0.0050	0.0025	mg/Kg			07/02/25 11:30	1
2-Butanone (MEK)	<0.0050		0.0050	0.0022	mg/Kg			07/02/25 11:30	1
Carbon disulfide	<0.0050		0.0050	0.00092	mg/Kg			07/02/25 11:30	1
Carbon tetrachloride	<0.0020		0.0020	0.00068	mg/Kg			07/02/25 11:30	1
Chlorobenzene	<0.0020		0.0020	0.00084	mg/Kg			07/02/25 11:30	1
Chloroethane	<0.0050		0.0050	0.0016	mg/Kg			07/02/25 11:30	1
Chloroform	<0.0020		0.0020	0.0014	mg/Kg			07/02/25 11:30	1
Chloromethane	<0.0050		0.0050	0.00097	mg/Kg			07/02/25 11:30	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00081	mg/Kg			07/02/25 11:30	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00080	mg/Kg			07/02/25 11:30	1
Dibromochloromethane	<0.0020		0.0020	0.00093	mg/Kg			07/02/25 11:30	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	3.5	ug/Kg			07/02/25 11:30	1
1,1-Dichloroethane	<0.0020		0.0020	0.00075	mg/Kg			07/02/25 11:30	1
1,2-Dichloroethane	<0.0050		0.0050	0.0013	mg/Kg			07/02/25 11:30	1
1,1-Dichloroethene	<0.0020		0.0020	0.00082	mg/Kg			07/02/25 11:30	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg			07/02/25 11:30	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00096	mg/Kg			07/02/25 11:30	1
Ethylbenzene	<0.0020		0.0020	0.0011	mg/Kg			07/02/25 11:30	1
2-Hexanone	<0.0050		0.0050	0.0030	mg/Kg			07/02/25 11:30	1
Methylene Chloride	<0.0050		0.0050	0.0021	mg/Kg			07/02/25 11:30	1
4-Methyl-2-pentanone (MIBK)	<0.0050		0.0050	0.0036	mg/Kg			07/02/25 11:30	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00065	mg/Kg			07/02/25 11:30	1
Styrene	<0.0020		0.0020	0.00090	mg/Kg			07/02/25 11:30	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00099	mg/Kg			07/02/25 11:30	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg			07/02/25 11:30	1
Toluene	<0.0020		0.0020	0.00040	mg/Kg			07/02/25 11:30	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00076	mg/Kg			07/02/25 11:30	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00096	mg/Kg			07/02/25 11:30	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00081	mg/Kg			07/02/25 11:30	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00075	mg/Kg			07/02/25 11:30	1
Trichloroethene	<0.0020		0.0020	0.00054	mg/Kg			07/02/25 11:30	1
Vinyl acetate	<0.0050		0.0050	0.0012	mg/Kg			07/02/25 11:30	1
Vinyl chloride	<0.0020		0.0020	0.00082	mg/Kg			07/02/25 11:30	1
Xylenes, Total	<0.0040		0.0040	0.00069	mg/Kg			07/02/25 11:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		75 - 131		07/02/25 11:30	1
Dibromofluoromethane	91		75 - 126		07/02/25 11:30	1
1,2-Dichloroethane-d4 (Surr)	90		70 - 134		07/02/25 11:30	1
Toluene-d8 (Surr)	106		75 - 124		07/02/25 11:30	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: LCS 500-824184/4

Matrix: Solid

Analysis Batch: 824184

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	0.0500	0.0338		mg/Kg		68	40 - 150
Benzene	0.0500	0.0530		mg/Kg		106	70 - 125
Bromodichloromethane	0.0500	0.0478		mg/Kg		96	67 - 129
Bromoform	0.0500	0.0408		mg/Kg		82	68 - 136
Bromomethane	0.0500	0.0500		mg/Kg		100	70 - 130
2-Butanone (MEK)	0.0500	0.0353		mg/Kg		71	47 - 138
Carbon disulfide	0.0500	0.0499		mg/Kg		100	70 - 129
Carbon tetrachloride	0.0500	0.0495		mg/Kg		99	75 - 125
Chlorobenzene	0.0500	0.0518		mg/Kg		104	50 - 150
Chloroethane	0.0500	0.0488		mg/Kg		98	75 - 125
Chloroform	0.0500	0.0487		mg/Kg		97	57 - 135
Chloromethane	0.0500	0.0436		mg/Kg		87	70 - 125
cis-1,2-Dichloroethene	0.0500	0.0530		mg/Kg		106	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0504		mg/Kg		101	70 - 125
Dibromochloromethane	0.0500	0.0457		mg/Kg		91	69 - 125
1,2-Dibromo-3-Chloropropane	50.0	47.4		ug/Kg		95	60 - 136
1,1-Dichloroethane	0.0500	0.0494		mg/Kg		99	70 - 125
1,2-Dichloroethane	0.0500	0.0450		mg/Kg		90	70 - 130
1,1-Dichloroethene	0.0500	0.0492		mg/Kg		98	70 - 120
1,2-Dichloropropane	0.0500	0.0491		mg/Kg		98	70 - 125
Ethylbenzene	0.0500	0.0509		mg/Kg		102	61 - 136
2-Hexanone	0.0500	0.0323		mg/Kg		65	48 - 146
Methylene Chloride	0.0500	0.0513		mg/Kg		103	70 - 126
4-Methyl-2-pentanone (MIBK)	0.0500	0.0338		mg/Kg		68	50 - 148
Methyl tert-butyl ether	0.0500	0.0515		mg/Kg		103	50 - 140
Styrene	0.0500	0.0493		mg/Kg		99	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0495		mg/Kg		99	70 - 122
Tetrachloroethene	0.0500	0.0490		mg/Kg		98	70 - 124
Toluene	0.0500	0.0520		mg/Kg		104	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0551		mg/Kg		110	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0484		mg/Kg		97	70 - 125
1,1,1-Trichloroethane	0.0500	0.0497		mg/Kg		99	70 - 128
1,1,2-Trichloroethane	0.0500	0.0493		mg/Kg		99	70 - 125
Trichloroethene	0.0500	0.0526		mg/Kg		105	70 - 125
Vinyl acetate	0.0500	0.0361		mg/Kg		72	40 - 153
Vinyl chloride	0.0500	0.0530		mg/Kg		106	70 - 125
Xylenes, Total	0.100	0.101		mg/Kg		101	53 - 147

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	112		75 - 131
Dibromofluoromethane	92		75 - 126
1,2-Dichloroethane-d4 (Surr)	86		70 - 134
Toluene-d8 (Surr)	105		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: LCSD 500-824184/5

Matrix: Solid

Analysis Batch: 824184

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	0.0500	0.0339		mg/Kg		68	40 - 150	0	30
Benzene	0.0500	0.0553		mg/Kg		111	70 - 125	4	30
Bromodichloromethane	0.0500	0.0499		mg/Kg		100	67 - 129	4	30
Bromoform	0.0500	0.0416		mg/Kg		83	68 - 136	2	30
Bromomethane	0.0500	0.0528		mg/Kg		106	70 - 130	6	30
2-Butanone (MEK)	0.0500	0.0371		mg/Kg		74	47 - 138	5	30
Carbon disulfide	0.0500	0.0519		mg/Kg		104	70 - 129	4	30
Carbon tetrachloride	0.0500	0.0519		mg/Kg		104	75 - 125	5	30
Chlorobenzene	0.0500	0.0535		mg/Kg		107	50 - 150	3	30
Chloroethane	0.0500	0.0517		mg/Kg		103	75 - 125	6	30
Chloroform	0.0500	0.0516		mg/Kg		103	57 - 135	6	30
Chloromethane	0.0500	0.0468		mg/Kg		94	70 - 125	7	30
cis-1,2-Dichloroethene	0.0500	0.0553		mg/Kg		111	70 - 125	4	30
cis-1,3-Dichloropropene	0.0500	0.0526		mg/Kg		105	70 - 125	4	30
Dibromochloromethane	0.0500	0.0472		mg/Kg		94	69 - 125	3	30
1,2-Dibromo-3-Chloropropane	50.0	49.5		ug/Kg		99	60 - 136	4	30
1,1-Dichloroethane	0.0500	0.0518		mg/Kg		104	70 - 125	5	30
1,2-Dichloroethane	0.0500	0.0477		mg/Kg		95	70 - 130	6	30
1,1-Dichloroethene	0.0500	0.0513		mg/Kg		103	70 - 120	4	30
1,2-Dichloropropane	0.0500	0.0525		mg/Kg		105	70 - 125	7	30
Ethylbenzene	0.0500	0.0532		mg/Kg		106	61 - 136	5	30
2-Hexanone	0.0500	0.0340		mg/Kg		68	48 - 146	5	30
Methylene Chloride	0.0500	0.0537		mg/Kg		107	70 - 126	5	30
4-Methyl-2-pentanone (MIBK)	0.0500	0.0351		mg/Kg		70	50 - 148	4	30
Methyl tert-butyl ether	0.0500	0.0523		mg/Kg		105	50 - 140	2	30
Styrene	0.0500	0.0513		mg/Kg		103	70 - 125	4	30
1,1,2,2-Tetrachloroethane	0.0500	0.0499		mg/Kg		100	70 - 122	1	30
Tetrachloroethene	0.0500	0.0513		mg/Kg		103	70 - 124	5	30
Toluene	0.0500	0.0547		mg/Kg		109	70 - 125	5	30
trans-1,2-Dichloroethene	0.0500	0.0579		mg/Kg		116	70 - 125	5	30
trans-1,3-Dichloropropene	0.0500	0.0507		mg/Kg		101	70 - 125	5	30
1,1,1-Trichloroethane	0.0500	0.0530		mg/Kg		106	70 - 128	6	30
1,1,2-Trichloroethane	0.0500	0.0511		mg/Kg		102	70 - 125	4	30
Trichloroethene	0.0500	0.0562		mg/Kg		112	70 - 125	6	30
Vinyl acetate	0.0500	0.0387		mg/Kg		77	40 - 153	7	30
Vinyl chloride	0.0500	0.0563		mg/Kg		113	70 - 125	6	30
Xylenes, Total	0.100	0.106		mg/Kg		106	53 - 147	5	30

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	111		75 - 131
Dibromofluoromethane	96		75 - 126
1,2-Dichloroethane-d4 (Surr)	88		70 - 134
Toluene-d8 (Surr)	105		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: MB 500-824263/7

Matrix: Solid

Analysis Batch: 824263

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.020		0.020	0.0084	mg/Kg			07/02/25 14:30	1
Benzene	<0.0020		0.0020	0.00063	mg/Kg			07/02/25 14:30	1
Bromodichloromethane	<0.0020		0.0020	0.00064	mg/Kg			07/02/25 14:30	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg			07/02/25 14:30	1
Bromomethane	<0.0050		0.0050	0.0025	mg/Kg			07/02/25 14:30	1
2-Butanone (MEK)	<0.0050		0.0050	0.0022	mg/Kg			07/02/25 14:30	1
Carbon disulfide	<0.0050		0.0050	0.00092	mg/Kg			07/02/25 14:30	1
Carbon tetrachloride	<0.0020		0.0020	0.00068	mg/Kg			07/02/25 14:30	1
Chlorobenzene	<0.0020		0.0020	0.00084	mg/Kg			07/02/25 14:30	1
Chloroethane	<0.0050		0.0050	0.0016	mg/Kg			07/02/25 14:30	1
Chloroform	0.00221		0.0020	0.0014	mg/Kg			07/02/25 14:30	1
Chloromethane	<0.0050		0.0050	0.00097	mg/Kg			07/02/25 14:30	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00081	mg/Kg			07/02/25 14:30	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00080	mg/Kg			07/02/25 14:30	1
Dibromochloromethane	<0.0020		0.0020	0.00093	mg/Kg			07/02/25 14:30	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	3.5	ug/Kg			07/02/25 14:30	1
1,1-Dichloroethane	<0.0020		0.0020	0.00075	mg/Kg			07/02/25 14:30	1
1,2-Dichloroethane	<0.0050		0.0050	0.0013	mg/Kg			07/02/25 14:30	1
1,1,1-Dichloroethene	<0.0020		0.0020	0.00082	mg/Kg			07/02/25 14:30	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg			07/02/25 14:30	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00096	mg/Kg			07/02/25 14:30	1
Ethylbenzene	<0.0020		0.0020	0.0011	mg/Kg			07/02/25 14:30	1
2-Hexanone	<0.0050		0.0050	0.0030	mg/Kg			07/02/25 14:30	1
Methylene Chloride	0.00431	J	0.0050	0.0021	mg/Kg			07/02/25 14:30	1
4-Methyl-2-pentanone (MIBK)	<0.0050		0.0050	0.0036	mg/Kg			07/02/25 14:30	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00065	mg/Kg			07/02/25 14:30	1
Styrene	<0.0020		0.0020	0.00090	mg/Kg			07/02/25 14:30	1
1,1,1,2-Tetrachloroethane	<0.0020		0.0020	0.00099	mg/Kg			07/02/25 14:30	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg			07/02/25 14:30	1
Toluene	<0.0020		0.0020	0.00040	mg/Kg			07/02/25 14:30	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00076	mg/Kg			07/02/25 14:30	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00096	mg/Kg			07/02/25 14:30	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00081	mg/Kg			07/02/25 14:30	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00075	mg/Kg			07/02/25 14:30	1
Trichloroethene	<0.0020		0.0020	0.00054	mg/Kg			07/02/25 14:30	1
Vinyl acetate	<0.0050		0.0050	0.0012	mg/Kg			07/02/25 14:30	1
Vinyl chloride	<0.0020		0.0020	0.00082	mg/Kg			07/02/25 14:30	1
Xylenes, Total	<0.0040		0.0040	0.00069	mg/Kg			07/02/25 14:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		75 - 131		07/02/25 14:30	1
Dibromofluoromethane	101		75 - 126		07/02/25 14:30	1
1,2-Dichloroethane-d4 (Surr)	95		70 - 134		07/02/25 14:30	1
Toluene-d8 (Surr)	99		75 - 124		07/02/25 14:30	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: LCS 500-824263/5

Matrix: Solid

Analysis Batch: 824263

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	0.0500	0.0397		mg/Kg		79	40 - 150
Benzene	0.0500	0.0489		mg/Kg		98	70 - 125
Bromodichloromethane	0.0500	0.0447		mg/Kg		89	67 - 129
Bromoform	0.0500	0.0430		mg/Kg		86	68 - 136
Bromomethane	0.0500	0.0474		mg/Kg		95	70 - 130
2-Butanone (MEK)	0.0500	0.0431		mg/Kg		86	47 - 138
Carbon disulfide	0.0500	0.0485		mg/Kg		97	70 - 129
Carbon tetrachloride	0.0500	0.0415		mg/Kg		83	75 - 125
Chlorobenzene	0.0500	0.0458		mg/Kg		92	50 - 150
Chloroethane	0.0500	0.0438		mg/Kg		88	75 - 125
Chloroform	0.0500	0.0445		mg/Kg		89	57 - 135
Chloromethane	0.0500	0.0437		mg/Kg		87	70 - 125
cis-1,2-Dichloroethene	0.0500	0.0469		mg/Kg		94	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0485		mg/Kg		97	70 - 125
Dibromochloromethane	0.0500	0.0455		mg/Kg		91	69 - 125
1,2-Dibromo-3-Chloropropane	50.0	45.7		ug/Kg		91	60 - 136
1,1-Dichloroethane	0.0500	0.0451		mg/Kg		90	70 - 125
1,2-Dichloroethane	0.0500	0.0420		mg/Kg		84	70 - 130
1,1-Dichloroethene	0.0500	0.0467		mg/Kg		93	70 - 120
1,2-Dichloropropane	0.0500	0.0463		mg/Kg		93	70 - 125
Ethylbenzene	0.0500	0.0497		mg/Kg		99	61 - 136
2-Hexanone	0.0500	0.0451		mg/Kg		90	48 - 146
Methylene Chloride	0.0500	0.0502		mg/Kg		100	70 - 126
4-Methyl-2-pentanone (MIBK)	0.0500	0.0474		mg/Kg		95	50 - 148
Methyl tert-butyl ether	0.0500	0.0440		mg/Kg		88	50 - 140
Styrene	0.0500	0.0483		mg/Kg		97	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0526		mg/Kg		105	70 - 122
Tetrachloroethene	0.0500	0.0455		mg/Kg		91	70 - 124
Toluene	0.0500	0.0434		mg/Kg		87	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0468		mg/Kg		94	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0455		mg/Kg		91	70 - 125
1,1,1-Trichloroethane	0.0500	0.0429		mg/Kg		86	70 - 128
1,1,2-Trichloroethane	0.0500	0.0467		mg/Kg		93	70 - 125
Trichloroethene	0.0500	0.0453		mg/Kg		91	70 - 125
Vinyl acetate	0.0500	0.0514		mg/Kg		103	40 - 153
Vinyl chloride	0.0500	0.0432		mg/Kg		86	70 - 125
Xylenes, Total	0.100	0.0896		mg/Kg		90	53 - 147

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	99		75 - 131
Dibromofluoromethane	103		75 - 126
1,2-Dichloroethane-d4 (Surr)	96		70 - 134
Toluene-d8 (Surr)	103		75 - 124

QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: LCSD 500-824263/8

Matrix: Solid

Analysis Batch: 824263

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	0.0500	0.0339		mg/Kg		68	40 - 150	16	30
Benzene	0.0500	0.0459		mg/Kg		92	70 - 125	6	30
Bromodichloromethane	0.0500	0.0428		mg/Kg		86	67 - 129	4	30
Bromoform	0.0500	0.0399		mg/Kg		80	68 - 136	7	30
Bromomethane	0.0500	0.0370		mg/Kg		74	70 - 130	25	30
2-Butanone (MEK)	0.0500	0.0381		mg/Kg		76	47 - 138	12	30
Carbon disulfide	0.0500	0.0453		mg/Kg		91	70 - 129	7	30
Carbon tetrachloride	0.0500	0.0381		mg/Kg		76	75 - 125	8	30
Chlorobenzene	0.0500	0.0429		mg/Kg		86	50 - 150	6	30
Chloroethane	0.0500	0.0332	*-	mg/Kg		66	75 - 125	28	30
Chloroform	0.0500	0.0412		mg/Kg		82	57 - 135	8	30
Chloromethane	0.0500	0.0322	*-	mg/Kg		64	70 - 125	30	30
cis-1,2-Dichloroethene	0.0500	0.0441		mg/Kg		88	70 - 125	6	30
cis-1,3-Dichloropropene	0.0500	0.0449		mg/Kg		90	70 - 125	8	30
Dibromochloromethane	0.0500	0.0431		mg/Kg		86	69 - 125	5	30
1,2-Dibromo-3-Chloropropane	50.0	39.1		ug/Kg		78	60 - 136	15	30
1,1-Dichloroethane	0.0500	0.0423		mg/Kg		85	70 - 125	6	30
1,2-Dichloroethane	0.0500	0.0384		mg/Kg		77	70 - 130	9	30
1,1-Dichloroethene	0.0500	0.0435		mg/Kg		87	70 - 120	7	30
1,2-Dichloropropane	0.0500	0.0439		mg/Kg		88	70 - 125	5	30
Ethylbenzene	0.0500	0.0459		mg/Kg		92	61 - 136	8	30
2-Hexanone	0.0500	0.0420		mg/Kg		84	48 - 146	7	30
Methylene Chloride	0.0500	0.0464		mg/Kg		93	70 - 126	8	30
4-Methyl-2-pentanone (MIBK)	0.0500	0.0426		mg/Kg		85	50 - 148	11	30
Methyl tert-butyl ether	0.0500	0.0408		mg/Kg		82	50 - 140	7	30
Styrene	0.0500	0.0462		mg/Kg		92	70 - 125	4	30
1,1,1,2-Tetrachloroethane	0.0500	0.0484		mg/Kg		97	70 - 122	8	30
Tetrachloroethene	0.0500	0.0428		mg/Kg		86	70 - 124	6	30
Toluene	0.0500	0.0407		mg/Kg		81	70 - 125	7	30
trans-1,2-Dichloroethene	0.0500	0.0448		mg/Kg		90	70 - 125	5	30
trans-1,3-Dichloropropene	0.0500	0.0429		mg/Kg		86	70 - 125	6	30
1,1,1-Trichloroethane	0.0500	0.0412		mg/Kg		82	70 - 128	4	30
1,1,2-Trichloroethane	0.0500	0.0437		mg/Kg		87	70 - 125	7	30
Trichloroethene	0.0500	0.0426		mg/Kg		85	70 - 125	6	30
Vinyl acetate	0.0500	0.0467		mg/Kg		93	40 - 153	10	30
Vinyl chloride	0.0500	0.0326	*-	mg/Kg		65	70 - 125	28	30
Xylenes, Total	0.100	0.0850		mg/Kg		85	53 - 147	5	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		75 - 131
Dibromofluoromethane	101		75 - 126
1,2-Dichloroethane-d4 (Surr)	96		70 - 134
Toluene-d8 (Surr)	103		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: MB 500-824387/1-A

Matrix: Solid

Analysis Batch: 824407

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 824387

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.17		0.17	0.024	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
1,2-Dichlorobenzene	<0.17		0.17	0.014	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
1,3-Dichlorobenzene	<0.17		0.17	0.015	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
1,4-Dichlorobenzene	<0.17		0.17	0.016	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2,2'-oxybis[1-chloropropane]	<0.17		0.17	0.024	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2,4,5-Trichlorophenol	<0.33		0.33	0.013	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2,4,6-Trichlorophenol	<0.33		0.33	0.011	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2,4-Dichlorophenol	<0.33		0.33	0.012	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2,4-Dimethylphenol	<0.33		0.33	0.074	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2,4-Dinitrophenol	<0.67		0.67	0.19	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2,4-Dinitrotoluene	<0.17		0.17	0.019	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2,6-Dinitrotoluene	<0.17		0.17	0.023	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2-Chloronaphthalene	<0.17		0.17	0.012	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2-Chlorophenol	<0.17		0.17	0.011	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2-Methylnaphthalene	<0.067		0.067	0.0067	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2-Methylphenol	<0.17		0.17	0.018	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2-Nitroaniline	<0.17		0.17	0.018	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
2-Nitrophenol	<0.33		0.33	0.023	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
3 & 4 Methylphenol	<0.17		0.17	0.024	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
3,3'-Dichlorobenzidine	<0.17		0.17	0.15	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
3-Nitroaniline	<0.33		0.33	0.015	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
4,6-Dinitro-2-methylphenol	<0.67		0.67	0.19	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
4-Bromophenyl phenyl ether	<0.17		0.17	0.023	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
4-Chloro-3-methylphenol	<0.33		0.33	0.028	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
4-Chloroaniline	<0.67		0.67	0.35	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
4-Chlorophenyl phenyl ether	<0.17		0.17	0.044	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
4-Nitroaniline	<0.33		0.33	0.025	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
4-Nitrophenol	<0.67		0.67	0.36	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Acenaphthene	<0.033		0.033	0.0068	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Acenaphthylene	<0.033		0.033	0.0056	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Anthracene	<0.033		0.033	0.0068	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Benzo[a]anthracene	<0.033		0.033	0.0070	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Benzo[a]pyrene	<0.033		0.033	0.032	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Benzo[b]fluoranthene	<0.033		0.033	0.032	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Benzo[g,h,i]perylene	<0.033		0.033	0.015	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Benzo[k]fluoranthene	<0.033		0.033	0.013	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Bis(2-chloroethoxy)methane	<0.17		0.17	0.012	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Bis(2-chloroethyl)ether	<0.17		0.17	0.015	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Bis(2-ethylhexyl) phthalate	<0.17		0.17	0.13	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Butyl benzyl phthalate	<0.17		0.17	0.017	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Carbazole	<0.17		0.17	0.013	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Chrysene	<0.033		0.033	0.0088	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Dibenz(a,h)anthracene	<0.033		0.033	0.033	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Dibenzofuran	<0.17		0.17	0.012	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Diethyl phthalate	<0.17		0.17	0.015	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Dimethyl phthalate	<0.17		0.17	0.0072	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Di-n-butyl phthalate	<0.17		0.17	0.011	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Di-n-octyl phthalate	<0.33		0.33	0.23	mg/Kg		07/03/25 07:15	07/03/25 14:41	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: MB 500-824387/1-A

Matrix: Solid

Analysis Batch: 824407

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 824387

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	<0.033		0.033	0.0077	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Fluorene	<0.033		0.033	0.0098	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Hexachlorobenzene	<0.067		0.067	0.0064	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Hexachlorobutadiene	<0.17		0.17	0.019	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Hexachlorocyclopentadiene	<0.67		0.67	0.35	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Hexachloroethane	<0.17		0.17	0.017	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Indeno[1,2,3-cd]pyrene	<0.033		0.033	0.032	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Isophorone	<0.17		0.17	0.017	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Naphthalene	<0.033		0.033	0.0060	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Nitrobenzene	<0.033		0.033	0.011	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
N-Nitrosodi-n-propylamine	<0.067		0.067	0.019	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
N-Nitrosodiphenylamine	<0.17		0.17	0.066	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Pentachlorophenol	<0.67		0.67	0.37	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Phenanthrene	<0.033		0.033	0.0072	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Phenol	<0.17		0.17	0.014	mg/Kg		07/03/25 07:15	07/03/25 14:41	1
Pyrene	<0.033		0.033	0.0091	mg/Kg		07/03/25 07:15	07/03/25 14:41	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	49		31 - 166	07/03/25 07:15	07/03/25 14:41	1
Phenol-d5 (Surr)	50		30 - 153	07/03/25 07:15	07/03/25 14:41	1
Nitrobenzene-d5 (Surr)	54		37 - 147	07/03/25 07:15	07/03/25 14:41	1
2-Fluorobiphenyl (Surr)	50		43 - 145	07/03/25 07:15	07/03/25 14:41	1
2,4,6-Tribromophenol (Surr)	47		31 - 143	07/03/25 07:15	07/03/25 14:41	1
Terphenyl-d14 (Surr)	54		42 - 157	07/03/25 07:15	07/03/25 14:41	1

Lab Sample ID: LCS 500-824387/2-A

Matrix: Solid

Analysis Batch: 824407

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824387

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	3.33	2.33		mg/Kg		70	49 - 100
1,2-Dichlorobenzene	3.33	2.34		mg/Kg		70	47 - 94
1,3-Dichlorobenzene	3.33	2.32		mg/Kg		69	47 - 92
1,4-Dichlorobenzene	3.33	2.32		mg/Kg		69	46 - 92
2,2'-oxybis[1-chloropropane]	3.33	2.57		mg/Kg		77	43 - 111
2,4,5-Trichlorophenol	3.33	2.62		mg/Kg		79	48 - 121
2,4,6-Trichlorophenol	3.33	2.60		mg/Kg		78	50 - 121
2,4-Dichlorophenol	3.33	2.55		mg/Kg		77	51 - 109
2,4-Dimethylphenol	3.33	2.59		mg/Kg		78	48 - 93
2,4-Dinitrophenol	6.67	5.72		mg/Kg		86	10 - 130
2,4-Dinitrotoluene	3.33	2.77		mg/Kg		83	65 - 120
2,6-Dinitrotoluene	3.33	2.66		mg/Kg		80	66 - 117
2-Chloronaphthalene	3.33	2.58		mg/Kg		77	60 - 107
2-Chlorophenol	3.33	2.51		mg/Kg		75	50 - 102
2-Methylnaphthalene	3.33	2.92		mg/Kg		88	58 - 103
2-Methylphenol	3.33	2.57		mg/Kg		77	50 - 104
2-Nitroaniline	3.33	3.06		mg/Kg		92	61 - 126
2-Nitrophenol	3.33	2.54		mg/Kg		76	41 - 114

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: LCS 500-824387/2-A

Matrix: Solid

Analysis Batch: 824407

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824387

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
3 & 4 Methylphenol	3.33	2.58		mg/Kg		78	49 - 109
3,3'-Dichlorobenzidine	3.33	2.24		mg/Kg		67	36 - 131
3-Nitroaniline	3.33	2.41		mg/Kg		72	44 - 124
4,6-Dinitro-2-methylphenol	6.67	5.76		mg/Kg		86	36 - 138
4-Bromophenyl phenyl ether	3.33	2.71		mg/Kg		81	57 - 124
4-Chloro-3-methylphenol	3.33	2.72		mg/Kg		82	57 - 113
4-Chloroaniline	3.33	2.31		mg/Kg		69	22 - 110
4-Chlorophenyl phenyl ether	3.33	2.51		mg/Kg		75	60 - 112
4-Nitroaniline	3.33	2.71		mg/Kg		81	60 - 115
4-Nitrophenol	6.67	4.37		mg/Kg		66	45 - 126
Acenaphthene	3.33	2.55		mg/Kg		76	63 - 109
Acenaphthylene	3.33	2.65		mg/Kg		79	61 - 115
Anthracene	3.33	2.84		mg/Kg		85	68 - 120
Benzo[a]anthracene	3.33	2.57		mg/Kg		77	70 - 121
Benzo[a]pyrene	3.33	2.72		mg/Kg		82	73 - 132
Benzo[b]fluoranthene	3.33	2.84		mg/Kg		85	68 - 123
Benzo[g,h,i]perylene	3.33	2.51		mg/Kg		75	65 - 126
Benzo[k]fluoranthene	3.33	2.62		mg/Kg		79	64 - 128
Bis(2-chloroethoxy)methane	3.33	2.62		mg/Kg		79	54 - 102
Bis(2-chloroethyl)ether	3.33	2.53		mg/Kg		76	49 - 99
Bis(2-ethylhexyl) phthalate	3.33	2.80		mg/Kg		84	70 - 139
Butyl benzyl phthalate	3.33	2.80		mg/Kg		84	65 - 140
Carbazole	3.33	2.87		mg/Kg		86	68 - 120
Chrysene	3.33	2.68		mg/Kg		80	70 - 123
Dibenz(a,h)anthracene	3.33	2.70		mg/Kg		81	66 - 125
Dibenzofuran	3.33	2.60		mg/Kg		78	64 - 112
Diethyl phthalate	3.33	2.73		mg/Kg		82	66 - 115
Dimethyl phthalate	3.33	2.67		mg/Kg		80	65 - 114
Di-n-butyl phthalate	3.33	2.91		mg/Kg		87	69 - 125
Di-n-octyl phthalate	3.33	2.84		mg/Kg		85	61 - 131
Fluoranthene	3.33	2.71		mg/Kg		81	66 - 123
Fluorene	3.33	2.58		mg/Kg		77	62 - 113
Hexachlorobenzene	3.33	2.72		mg/Kg		82	52 - 126
Hexachlorobutadiene	3.33	2.30		mg/Kg		69	42 - 103
Hexachlorocyclopentadiene	3.33	2.89		mg/Kg		87	10 - 100
Hexachloroethane	3.33	2.45		mg/Kg		73	45 - 95
Indeno[1,2,3-cd]pyrene	3.33	2.69		mg/Kg		81	66 - 131
Isophorone	3.33	2.63		mg/Kg		79	47 - 108
Naphthalene	3.33	2.37		mg/Kg		71	54 - 98
Nitrobenzene	3.33	2.66		mg/Kg		80	52 - 105
N-Nitrosodi-n-propylamine	3.33	2.71		mg/Kg		81	48 - 110
N-Nitrosodiphenylamine	3.33	2.82		mg/Kg		85	67 - 112
Pentachlorophenol	6.67	4.32		mg/Kg		65	32 - 128
Phenanthrene	3.33	2.74		mg/Kg		82	65 - 115
Phenol	3.33	2.56		mg/Kg		77	52 - 110
Pyrene	3.33	2.66		mg/Kg		80	71 - 128

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: LCS 500-824387/2-A

Matrix: Solid

Analysis Batch: 824407

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824387

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
2-Fluorophenol (Surr)	75		31 - 166
Phenol-d5 (Surr)	77		30 - 153
Nitrobenzene-d5 (Surr)	80		37 - 147
2-Fluorobiphenyl (Surr)	78		43 - 145
2,4,6-Tribromophenol (Surr)	75		31 - 143
Terphenyl-d14 (Surr)	82		42 - 157

Lab Sample ID: 500-270891-20 MS

Matrix: Solid

Analysis Batch: 824407

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: Total/NA

Prep Batch: 824387

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	<0.20	F1	3.99	2.58	F1	mg/Kg	☼	65	66 - 117
1,2-Dichlorobenzene	<0.20	F1	3.99	2.44	F1	mg/Kg	☼	61	62 - 110
1,3-Dichlorobenzene	<0.20		3.99	2.39		mg/Kg	☼	60	60 - 110
1,4-Dichlorobenzene	<0.20		3.99	2.47		mg/Kg	☼	62	61 - 110
2,2'-oxybis[1-chloropropane]	<0.20		3.99	2.85		mg/Kg	☼	71	40 - 124
2,4,5-Trichlorophenol	<0.39		3.99	3.09		mg/Kg	☼	77	50 - 120
2,4,6-Trichlorophenol	<0.39		3.99	3.00		mg/Kg	☼	75	57 - 120
2,4-Dichlorophenol	<0.39		3.99	2.85		mg/Kg	☼	71	58 - 120
2,4-Dimethylphenol	<0.39		3.99	3.02		mg/Kg	☼	76	60 - 110
2,4-Dinitrophenol	<0.80	F2	7.98	1.26		mg/Kg	☼	16	10 - 100
2,4-Dinitrotoluene	<0.20		3.99	3.20		mg/Kg	☼	80	69 - 124
2,6-Dinitrotoluene	<0.20		3.99	3.10		mg/Kg	☼	78	70 - 123
2-Chloronaphthalene	<0.20		3.99	3.09		mg/Kg	☼	77	69 - 114
2-Chlorophenol	<0.20		3.99	2.74		mg/Kg	☼	69	64 - 110
2-Methylnaphthalene	<0.080		3.99	3.57		mg/Kg	☼	89	69 - 112
2-Methylphenol	<0.20		3.99	2.79		mg/Kg	☼	70	60 - 120
2-Nitroaniline	<0.20		3.99	3.71		mg/Kg	☼	93	57 - 124
2-Nitrophenol	<0.39		3.99	2.85		mg/Kg	☼	71	60 - 120
3 & 4 Methylphenol	<0.20		3.99	2.85		mg/Kg	☼	71	57 - 120
3,3'-Dichlorobenzidine	<0.20		3.99	2.73		mg/Kg	☼	69	35 - 128
3-Nitroaniline	<0.39		3.99	3.19		mg/Kg	☼	80	40 - 122
4,6-Dinitro-2-methylphenol	<0.80	F2	7.98	3.35		mg/Kg	☼	42	10 - 110
4-Bromophenyl phenyl ether	<0.20		3.99	3.49		mg/Kg	☼	87	68 - 118
4-Chloro-3-methylphenol	<0.39		3.99	3.13		mg/Kg	☼	79	65 - 122
4-Chloroaniline	<0.80		3.99	2.57		mg/Kg	☼	64	30 - 150
4-Chlorophenyl phenyl ether	<0.20		3.99	2.96		mg/Kg	☼	74	62 - 119
4-Nitroaniline	<0.39		3.99	2.87		mg/Kg	☼	72	60 - 160
4-Nitrophenol	<0.80		7.98	4.64		mg/Kg	☼	58	30 - 122
Acenaphthene	<0.039		3.99	3.06		mg/Kg	☼	77	65 - 124
Acenaphthylene	<0.039		3.99	3.14		mg/Kg	☼	79	68 - 120
Anthracene	<0.039		3.99	3.47		mg/Kg	☼	87	70 - 114
Benzo[a]anthracene	0.036	J	3.99	3.21		mg/Kg	☼	79	67 - 122
Benzo[a]pyrene	<0.039		3.99	3.39		mg/Kg	☼	85	65 - 133
Benzo[b]fluoranthene	0.040		3.99	3.29		mg/Kg	☼	81	69 - 129
Benzo[g,h,i]perylene	0.025	J	3.99	2.98		mg/Kg	☼	74	72 - 131
Benzo[k]fluoranthene	<0.039		3.99	3.42		mg/Kg	☼	86	68 - 127

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: 500-270891-20 MS

Matrix: Solid

Analysis Batch: 824407

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: Total/NA

Prep Batch: 824387

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-chloroethoxy)methane	<0.20		3.99	2.98		mg/Kg	☼	75	60 - 112
Bis(2-chloroethyl)ether	<0.20		3.99	2.80		mg/Kg	☼	70	55 - 111
Bis(2-ethylhexyl) phthalate	<0.20		3.99	3.63		mg/Kg	☼	91	72 - 131
Butyl benzyl phthalate	<0.20		3.99	3.66		mg/Kg	☼	92	71 - 129
Carbazole	<0.20		3.99	3.44		mg/Kg	☼	86	65 - 142
Chrysene	0.048		3.99	3.38		mg/Kg	☼	84	63 - 120
Dibenz(a,h)anthracene	<0.039		3.99	3.36		mg/Kg	☼	84	64 - 131
Dibenzofuran	<0.20		3.99	3.14		mg/Kg	☼	79	66 - 115
Diethyl phthalate	<0.20		3.99	3.27		mg/Kg	☼	82	58 - 120
Dimethyl phthalate	<0.20		3.99	3.23		mg/Kg	☼	81	69 - 116
Di-n-butyl phthalate	<0.20		3.99	3.68		mg/Kg	☼	92	65 - 120
Di-n-octyl phthalate	<0.39		3.99	3.29		mg/Kg	☼	82	68 - 134
Fluoranthene	0.053		3.99	3.15		mg/Kg	☼	78	62 - 120
Fluorene	<0.039		3.99	3.07		mg/Kg	☼	77	62 - 120
Hexachlorobenzene	<0.080		3.99	3.39		mg/Kg	☼	85	63 - 124
Hexachlorobutadiene	<0.20		3.99	2.49		mg/Kg	☼	62	56 - 120
Hexachlorocyclopentadiene	<0.80	F2	3.99	0.625	J	mg/Kg	☼	16	10 - 133
Hexachloroethane	<0.20	F1	3.99	2.34	F1	mg/Kg	☼	59	60 - 114
Indeno[1,2,3-cd]pyrene	<0.039		3.99	3.27		mg/Kg	☼	82	68 - 130
Isophorone	<0.20		3.99	3.01		mg/Kg	☼	76	55 - 110
Naphthalene	<0.039		3.99	2.66		mg/Kg	☼	67	63 - 110
Nitrobenzene	<0.039		3.99	3.01		mg/Kg	☼	75	60 - 116
N-Nitrosodi-n-propylamine	<0.080		3.99	2.98		mg/Kg	☼	75	56 - 118
N-Nitrosodiphenylamine	<0.20		3.99	3.62		mg/Kg	☼	91	65 - 112
Pentachlorophenol	<0.80		7.98	3.93		mg/Kg	☼	49	13 - 112
Phenanthrene	0.039		3.99	3.42		mg/Kg	☼	85	62 - 120
Phenol	<0.20		3.99	2.86		mg/Kg	☼	72	56 - 122
Pyrene	0.060		3.99	3.50		mg/Kg	☼	86	61 - 128

Surrogate	MS %Recovery	MS Qualifier	Limits
2-Fluorophenol (Surr)	71		31 - 166
Phenol-d5 (Surr)	71		30 - 153
Nitrobenzene-d5 (Surr)	77		37 - 147
2-Fluorobiphenyl (Surr)	79		43 - 145
2,4,6-Tribromophenol (Surr)	68		31 - 143
Terphenyl-d14 (Surr)	89		42 - 157

Lab Sample ID: 500-270891-20 MSD

Matrix: Solid

Analysis Batch: 824407

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: Total/NA

Prep Batch: 824387

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	<0.20	F1	4.04	3.04		mg/Kg	☼	75	66 - 117	16	30
1,2-Dichlorobenzene	<0.20	F1	4.04	2.96		mg/Kg	☼	73	62 - 110	19	30
1,3-Dichlorobenzene	<0.20		4.04	2.92		mg/Kg	☼	72	60 - 110	20	30
1,4-Dichlorobenzene	<0.20		4.04	2.94		mg/Kg	☼	73	61 - 110	18	30
2,2'-oxybis[1-chloropropane]	<0.20		4.04	3.38		mg/Kg	☼	84	40 - 124	17	30
2,4,5-Trichlorophenol	<0.39		4.04	3.26		mg/Kg	☼	81	50 - 120	5	30

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: 500-270891-20 MSD

Matrix: Solid

Analysis Batch: 824407

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: Total/NA

Prep Batch: 824387

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,6-Trichlorophenol	<0.39		4.04	3.20		mg/Kg	✱	79	57 - 120	6	30
2,4-Dichlorophenol	<0.39		4.04	3.16		mg/Kg	✱	78	58 - 120	10	30
2,4-Dimethylphenol	<0.39		4.04	3.22		mg/Kg	✱	80	60 - 110	6	30
2,4-Dinitrophenol	<0.80	F2	8.09	3.51	F2	mg/Kg	✱	43	10 - 100	95	30
2,4-Dinitrotoluene	<0.20		4.04	3.27		mg/Kg	✱	81	69 - 124	2	30
2,6-Dinitrotoluene	<0.20		4.04	3.34		mg/Kg	✱	82	70 - 123	7	30
2-Chloronaphthalene	<0.20		4.04	3.38		mg/Kg	✱	84	69 - 114	9	30
2-Chlorophenol	<0.20		4.04	3.19		mg/Kg	✱	79	64 - 110	15	30
2-Methylnaphthalene	<0.080		4.04	4.34		mg/Kg	✱	107	69 - 112	20	30
2-Methylphenol	<0.20		4.04	3.16		mg/Kg	✱	78	60 - 120	13	30
2-Nitroaniline	<0.20		4.04	4.03		mg/Kg	✱	100	57 - 124	8	30
2-Nitrophenol	<0.39		4.04	3.27		mg/Kg	✱	81	60 - 120	14	30
3 & 4 Methylphenol	<0.20		4.04	3.15		mg/Kg	✱	78	57 - 120	10	30
3,3'-Dichlorobenzidine	<0.20		4.04	3.04		mg/Kg	✱	75	35 - 128	11	30
3-Nitroaniline	<0.39		4.04	3.19		mg/Kg	✱	79	40 - 122	0	30
4,6-Dinitro-2-methylphenol	<0.80	F2	8.09	4.77	F2	mg/Kg	✱	59	10 - 110	35	30
4-Bromophenyl phenyl ether	<0.20		4.04	3.73		mg/Kg	✱	92	68 - 118	7	30
4-Chloro-3-methylphenol	<0.39		4.04	3.34		mg/Kg	✱	83	65 - 122	6	30
4-Chloroaniline	<0.80		4.04	2.72		mg/Kg	✱	67	30 - 150	6	30
4-Chlorophenyl phenyl ether	<0.20		4.04	3.12		mg/Kg	✱	77	62 - 119	5	30
4-Nitroaniline	<0.39		4.04	2.96		mg/Kg	✱	73	60 - 160	3	30
4-Nitrophenol	<0.80		8.09	4.17		mg/Kg	✱	52	30 - 122	11	30
Acenaphthene	<0.039		4.04	3.26		mg/Kg	✱	81	65 - 124	6	30
Acenaphthylene	<0.039		4.04	3.43		mg/Kg	✱	85	68 - 120	9	30
Anthracene	<0.039		4.04	3.65		mg/Kg	✱	90	70 - 114	5	30
Benzo[a]anthracene	0.036	J	4.04	3.31		mg/Kg	✱	81	67 - 122	3	30
Benzo[a]pyrene	<0.039		4.04	3.55		mg/Kg	✱	88	65 - 133	5	30
Benzo[b]fluoranthene	0.040		4.04	3.41		mg/Kg	✱	83	69 - 129	3	30
Benzo[g,h,i]perylene	0.025	J	4.04	3.15		mg/Kg	✱	77	72 - 131	6	30
Benzo[k]fluoranthene	<0.039		4.04	3.56		mg/Kg	✱	88	68 - 127	4	30
Bis(2-chloroethoxy)methane	<0.20		4.04	3.31		mg/Kg	✱	82	60 - 112	10	30
Bis(2-chloroethyl)ether	<0.20		4.04	3.25		mg/Kg	✱	80	55 - 111	15	30
Bis(2-ethylhexyl) phthalate	<0.20		4.04	3.81		mg/Kg	✱	94	72 - 131	5	30
Butyl benzyl phthalate	<0.20		4.04	3.85		mg/Kg	✱	95	71 - 129	5	30
Carbazole	<0.20		4.04	3.56		mg/Kg	✱	88	65 - 142	3	30
Chrysene	0.048		4.04	3.45		mg/Kg	✱	84	63 - 120	2	30
Dibenz(a,h)anthracene	<0.039		4.04	3.45		mg/Kg	✱	85	64 - 131	3	30
Dibenzofuran	<0.20		4.04	3.32		mg/Kg	✱	82	66 - 115	6	30
Diethyl phthalate	<0.20		4.04	3.41		mg/Kg	✱	84	58 - 120	4	30
Dimethyl phthalate	<0.20		4.04	3.41		mg/Kg	✱	84	69 - 116	6	30
Di-n-butyl phthalate	<0.20		4.04	3.84		mg/Kg	✱	95	65 - 120	4	30
Di-n-octyl phthalate	<0.39		4.04	3.33		mg/Kg	✱	82	68 - 134	1	30
Fluoranthene	0.053		4.04	3.30		mg/Kg	✱	80	62 - 120	5	30
Fluorene	<0.039		4.04	3.22		mg/Kg	✱	80	62 - 120	5	30
Hexachlorobenzene	<0.080		4.04	3.65		mg/Kg	✱	90	63 - 124	7	30
Hexachlorobutadiene	<0.20		4.04	2.99		mg/Kg	✱	74	56 - 120	18	30
Hexachlorocyclopentadiene	<0.80	F2	4.04	1.26	F2	mg/Kg	✱	31	10 - 133	67	30
Hexachloroethane	<0.20	F1	4.04	2.94		mg/Kg	✱	73	60 - 114	23	30
Indeno[1,2,3-cd]pyrene	<0.039		4.04	3.40		mg/Kg	✱	84	68 - 130	4	30

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: 500-270891-20 MSD

Matrix: Solid

Analysis Batch: 824407

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: Total/NA

Prep Batch: 824387

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Isophorone	<0.20		4.04	3.39		mg/Kg	☼	84	55 - 110	12	30
Naphthalene	<0.039		4.04	3.08		mg/Kg	☼	76	63 - 110	14	30
Nitrobenzene	<0.039		4.04	3.54		mg/Kg	☼	87	60 - 116	16	30
N-Nitrosodi-n-propylamine	<0.080		4.04	3.43		mg/Kg	☼	85	56 - 118	14	30
N-Nitrosodiphenylamine	<0.20		4.04	3.85		mg/Kg	☼	95	65 - 112	6	30
Pentachlorophenol	<0.80		8.09	4.17		mg/Kg	☼	52	13 - 112	6	30
Phenanthrene	0.039		4.04	3.57		mg/Kg	☼	87	62 - 120	4	30
Phenol	<0.20		4.04	3.30		mg/Kg	☼	81	56 - 122	14	30
Pyrene	0.060		4.04	3.62		mg/Kg	☼	88	61 - 128	3	30

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
2-Fluorophenol (Surr)	80		31 - 166
Phenol-d5 (Surr)	79		30 - 153
Nitrobenzene-d5 (Surr)	87		37 - 147
2-Fluorobiphenyl (Surr)	87		43 - 145
2,4,6-Tribromophenol (Surr)	70		31 - 143
Terphenyl-d14 (Surr)	94		42 - 157

Lab Sample ID: MB 500-824905/1-A

Matrix: Solid

Analysis Batch: 824983

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 824905

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.17		0.17	0.024	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
1,2-Dichlorobenzene	<0.17		0.17	0.014	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
1,3-Dichlorobenzene	<0.17		0.17	0.015	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
1,4-Dichlorobenzene	<0.17		0.17	0.016	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2,2'-oxybis[1-chloropropane]	<0.17		0.17	0.024	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2,4,5-Trichlorophenol	<0.33		0.33	0.013	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2,4,6-Trichlorophenol	<0.33		0.33	0.011	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2,4-Dichlorophenol	<0.33		0.33	0.012	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2,4-Dimethylphenol	<0.33		0.33	0.074	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2,4-Dinitrophenol	<0.67		0.67	0.19	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2,4-Dinitrotoluene	<0.17		0.17	0.019	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2,6-Dinitrotoluene	<0.17		0.17	0.023	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2-Chloronaphthalene	<0.17		0.17	0.012	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2-Chlorophenol	<0.17		0.17	0.011	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2-Methylnaphthalene	<0.067		0.067	0.0067	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2-Methylphenol	<0.17		0.17	0.018	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2-Nitroaniline	<0.17		0.17	0.018	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
2-Nitrophenol	<0.33		0.33	0.023	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
3 & 4 Methylphenol	<0.17		0.17	0.024	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
3,3'-Dichlorobenzidine	<0.17		0.17	0.15	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
3-Nitroaniline	<0.33		0.33	0.015	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
4,6-Dinitro-2-methylphenol	<0.67		0.67	0.19	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
4-Bromophenyl phenyl ether	<0.17		0.17	0.023	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
4-Chloro-3-methylphenol	<0.33		0.33	0.028	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
4-Chloroaniline	<0.67		0.67	0.35	mg/Kg		07/08/25 14:13	07/09/25 11:48	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: MB 500-824905/1-A

Matrix: Solid

Analysis Batch: 824983

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 824905

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	<0.17		0.17	0.044	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
4-Nitroaniline	<0.33		0.33	0.025	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
4-Nitrophenol	<0.67		0.67	0.36	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Acenaphthene	<0.033		0.033	0.0068	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Acenaphthylene	<0.033		0.033	0.0056	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Anthracene	<0.033		0.033	0.0068	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Benzo[a]anthracene	<0.033		0.033	0.0070	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Benzo[a]pyrene	<0.033		0.033	0.032	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Benzo[b]fluoranthene	<0.033		0.033	0.032	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Benzo[g,h,i]perylene	<0.033		0.033	0.015	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Benzo[k]fluoranthene	<0.033		0.033	0.013	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Bis(2-chloroethoxy)methane	<0.17		0.17	0.012	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Bis(2-chloroethyl)ether	<0.17		0.17	0.015	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Bis(2-ethylhexyl) phthalate	<0.17		0.17	0.13	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Butyl benzyl phthalate	<0.17		0.17	0.017	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Carbazole	<0.17		0.17	0.013	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Chrysene	<0.033		0.033	0.0088	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Dibenz(a,h)anthracene	<0.033		0.033	0.033	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Dibenzofuran	<0.17		0.17	0.012	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Diethyl phthalate	0.0341	J	0.17	0.015	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Dimethyl phthalate	<0.17		0.17	0.0072	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Di-n-butyl phthalate	<0.17		0.17	0.011	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Di-n-octyl phthalate	<0.33		0.33	0.23	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Fluoranthene	<0.033		0.033	0.0077	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Fluorene	<0.033		0.033	0.0098	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Hexachlorobenzene	<0.067		0.067	0.0064	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Hexachlorobutadiene	<0.17		0.17	0.019	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Hexachlorocyclopentadiene	<0.67		0.67	0.35	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Hexachloroethane	<0.17		0.17	0.017	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Indeno[1,2,3-cd]pyrene	<0.033		0.033	0.032	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Isophorone	<0.17		0.17	0.017	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Naphthalene	<0.033		0.033	0.0060	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Nitrobenzene	<0.033		0.033	0.011	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
N-Nitrosodi-n-propylamine	<0.067		0.067	0.019	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
N-Nitrosodiphenylamine	<0.17		0.17	0.066	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Pentachlorophenol	<0.67		0.67	0.37	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Phenanthrene	<0.033		0.033	0.0072	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Phenol	<0.17		0.17	0.014	mg/Kg		07/08/25 14:13	07/09/25 11:48	1
Pyrene	<0.033		0.033	0.0091	mg/Kg		07/08/25 14:13	07/09/25 11:48	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	81		31 - 166	07/08/25 14:13	07/09/25 11:48	1
Phenol-d5 (Surr)	82		30 - 153	07/08/25 14:13	07/09/25 11:48	1
Nitrobenzene-d5 (Surr)	89		37 - 147	07/08/25 14:13	07/09/25 11:48	1
2-Fluorobiphenyl (Surr)	86		43 - 145	07/08/25 14:13	07/09/25 11:48	1
2,4,6-Tribromophenol (Surr)	82		31 - 143	07/08/25 14:13	07/09/25 11:48	1
Terphenyl-d14 (Surr)	91		42 - 157	07/08/25 14:13	07/09/25 11:48	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: LCS 500-824905/2-A

Matrix: Solid

Analysis Batch: 824983

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824905

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	3.33	2.49		mg/Kg		75	49 - 100
1,2-Dichlorobenzene	3.33	2.49		mg/Kg		75	47 - 94
1,3-Dichlorobenzene	3.33	2.44		mg/Kg		73	47 - 92
1,4-Dichlorobenzene	3.33	2.42		mg/Kg		73	46 - 92
2,2'-oxybis[1-chloropropane]	3.33	2.72		mg/Kg		82	43 - 111
2,4,5-Trichlorophenol	3.33	2.83		mg/Kg		85	48 - 121
2,4,6-Trichlorophenol	3.33	2.66		mg/Kg		80	50 - 121
2,4-Dichlorophenol	3.33	2.74		mg/Kg		82	51 - 109
2,4-Dimethylphenol	3.33	2.80		mg/Kg		84	48 - 93
2,4-Dinitrophenol	6.67	6.41		mg/Kg		96	10 - 130
2,4-Dinitrotoluene	3.33	3.03		mg/Kg		91	65 - 120
2,6-Dinitrotoluene	3.33	2.88		mg/Kg		86	66 - 117
2-Chloronaphthalene	3.33	2.74		mg/Kg		82	60 - 107
2-Chlorophenol	3.33	2.69		mg/Kg		81	50 - 102
2-Methylnaphthalene	3.33	3.38		mg/Kg		102	58 - 103
2-Methylphenol	3.33	2.69		mg/Kg		81	50 - 104
2-Nitroaniline	3.33	3.38		mg/Kg		101	61 - 126
2-Nitrophenol	3.33	2.70		mg/Kg		81	41 - 114
3 & 4 Methylphenol	3.33	2.70		mg/Kg		81	49 - 109
3,3'-Dichlorobenzidine	3.33	2.49		mg/Kg		75	36 - 131
3-Nitroaniline	3.33	2.73		mg/Kg		82	44 - 124
4,6-Dinitro-2-methylphenol	6.67	6.35		mg/Kg		95	36 - 138
4-Bromophenyl phenyl ether	3.33	2.99		mg/Kg		90	57 - 124
4-Chloro-3-methylphenol	3.33	2.96		mg/Kg		89	57 - 113
4-Chloroaniline	3.33	2.50		mg/Kg		75	22 - 110
4-Chlorophenyl phenyl ether	3.33	2.71		mg/Kg		81	60 - 112
4-Nitroaniline	3.33	2.93		mg/Kg		88	60 - 115
4-Nitrophenol	6.67	4.46		mg/Kg		67	45 - 126
Acenaphthene	3.33	2.74		mg/Kg		82	63 - 109
Acenaphthylene	3.33	2.82		mg/Kg		84	61 - 115
Anthracene	3.33	3.12		mg/Kg		94	68 - 120
Benzo[a]anthracene	3.33	2.82		mg/Kg		85	70 - 121
Benzo[a]pyrene	3.33	2.97		mg/Kg		89	73 - 132
Benzo[b]fluoranthene	3.33	3.08		mg/Kg		92	68 - 123
Benzo[g,h,i]perylene	3.33	2.78		mg/Kg		83	65 - 126
Benzo[k]fluoranthene	3.33	2.93		mg/Kg		88	64 - 128
Bis(2-chloroethoxy)methane	3.33	2.76		mg/Kg		83	54 - 102
Bis(2-chloroethyl)ether	3.33	2.65		mg/Kg		80	49 - 99
Bis(2-ethylhexyl) phthalate	3.33	3.01		mg/Kg		90	70 - 139
Butyl benzyl phthalate	3.33	2.98		mg/Kg		89	65 - 140
Carbazole	3.33	3.14		mg/Kg		94	68 - 120
Chrysene	3.33	2.86		mg/Kg		86	70 - 123
Dibenz(a,h)anthracene	3.33	2.99		mg/Kg		90	66 - 125
Dibenzofuran	3.33	2.84		mg/Kg		85	64 - 112
Diethyl phthalate	3.33	3.00		mg/Kg		90	66 - 115
Dimethyl phthalate	3.33	2.93		mg/Kg		88	65 - 114
Di-n-butyl phthalate	3.33	3.18		mg/Kg		96	69 - 125
Di-n-octyl phthalate	3.33	3.14		mg/Kg		94	61 - 131

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: LCS 500-824905/2-A

Matrix: Solid

Analysis Batch: 824983

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824905

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoranthene	3.33	3.00		mg/Kg		90	66 - 123
Fluorene	3.33	2.82		mg/Kg		84	62 - 113
Hexachlorobenzene	3.33	3.03		mg/Kg		91	52 - 126
Hexachlorobutadiene	3.33	2.45		mg/Kg		74	42 - 103
Hexachlorocyclopentadiene	3.33	2.73		mg/Kg		82	10 - 100
Hexachloroethane	3.33	2.56		mg/Kg		77	45 - 95
Indeno[1,2,3-cd]pyrene	3.33	2.94		mg/Kg		88	66 - 131
Isophorone	3.33	2.78		mg/Kg		83	47 - 108
Naphthalene	3.33	2.53		mg/Kg		76	54 - 98
Nitrobenzene	3.33	2.85		mg/Kg		85	52 - 105
N-Nitrosodi-n-propylamine	3.33	2.91		mg/Kg		87	48 - 110
N-Nitrosodiphenylamine	3.33	3.15		mg/Kg		94	67 - 112
Pentachlorophenol	6.67	4.51		mg/Kg		68	32 - 128
Phenanthrene	3.33	3.03		mg/Kg		91	65 - 115
Phenol	3.33	2.80		mg/Kg		84	52 - 110
Pyrene	3.33	2.89		mg/Kg		87	71 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorophenol (Surr)	79		31 - 166
Phenol-d5 (Surr)	80		30 - 153
Nitrobenzene-d5 (Surr)	85		37 - 147
2-Fluorobiphenyl (Surr)	83		43 - 145
2,4,6-Tribromophenol (Surr)	81		31 - 143
Terphenyl-d14 (Surr)	90		42 - 157

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 500-824432/1-A

Matrix: Solid

Analysis Batch: 825017

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 824432

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.0		2.0	0.39	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Arsenic	<1.0		1.0	0.34	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Barium	0.269	J	1.0	0.11	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Beryllium	<0.40		0.40	0.093	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Boron	1.01	J	5.0	0.47	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Cadmium	<0.20		0.20	0.036	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Chromium	<1.0		1.0	0.50	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Cobalt	<0.50		0.50	0.13	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Copper	<1.0		1.0	0.28	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Iron	18.7	J	20	10	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Lead	<0.50		0.50	0.23	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Magnesium	<10		10	5.0	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Manganese	<1.0		1.0	0.15	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Nickel	<1.0		1.0	0.29	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Selenium	<1.0		1.0	0.59	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Silver	<0.50		0.50	0.13	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Thallium	<1.0		1.0	0.50	mg/Kg		07/03/25 08:52	07/08/25 20:40	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: MB 500-824432/1-A
Matrix: Solid
Analysis Batch: 825017

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 824432

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	<0.50		0.50	0.12	mg/Kg		07/03/25 08:52	07/08/25 20:40	1
Zinc	<2.0		2.0	0.88	mg/Kg		07/03/25 08:52	07/08/25 20:40	1

Lab Sample ID: LCS 500-824432/2-A
Matrix: Solid
Analysis Batch: 825017

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 824432

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	50.0	49.2		mg/Kg		98	80 - 120
Arsenic	10.0	9.62		mg/Kg		96	80 - 120
Barium	200	214		mg/Kg		107	80 - 120
Beryllium	5.00	4.87		mg/Kg		97	80 - 120
Boron	100	92.1		mg/Kg		92	80 - 120
Cadmium	5.00	4.85		mg/Kg		97	80 - 120
Chromium	20.0	21.1		mg/Kg		106	80 - 120
Cobalt	50.0	49.5		mg/Kg		99	80 - 120
Copper	25.0	25.4		mg/Kg		102	80 - 120
Iron	100	102		mg/Kg		102	80 - 120
Lead	10.0	10.4		mg/Kg		104	80 - 120
Magnesium	1000	970		mg/Kg		97	80 - 120
Manganese	50.0	45.1		mg/Kg		90	80 - 120
Nickel	50.0	51.2		mg/Kg		102	80 - 120
Selenium	10.0	9.09		mg/Kg		91	80 - 120
Silver	5.00	4.44		mg/Kg		89	80 - 120
Thallium	10.0	10.3		mg/Kg		103	80 - 120
Vanadium	50.0	51.1		mg/Kg		102	80 - 120
Zinc	50.0	52.1		mg/Kg		104	80 - 120

Lab Sample ID: 500-270891-1 MS
Matrix: Solid
Analysis Batch: 825017

Client Sample ID: 3055V-179-B01 (0-1)
Prep Type: Total/NA
Prep Batch: 824432

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<1.2	F1	30.7	7.28	F1	mg/Kg	☼	24	75 - 125
Arsenic	5.8		6.15	11.4		mg/Kg	☼	92	75 - 125
Barium	51	B	123	168		mg/Kg	☼	95	75 - 125
Beryllium	0.75		3.07	3.32		mg/Kg	☼	84	75 - 125
Boron	18	B	61.5	66.8		mg/Kg	☼	80	75 - 125
Cadmium	0.24	F1	3.07	2.49	F1	mg/Kg	☼	73	75 - 125
Chromium	24	F1	12.3	40.0	F1	mg/Kg	☼	127	75 - 125
Cobalt	14		30.7	44.9		mg/Kg	☼	102	75 - 125
Copper	31	F2 F1	15.4	45.1		mg/Kg	☼	89	75 - 125
Iron	19000	B	61.5	22300	4	mg/Kg	☼	4799	75 - 125
Lead	47	F2	6.15	41.5	4	mg/Kg	☼	-85	75 - 125
Magnesium	9400		615	9640	4	mg/Kg	☼	38	75 - 125
Manganese	210		30.7	195	4	mg/Kg	☼	-60	75 - 125
Nickel	41		30.7	75.0		mg/Kg	☼	111	75 - 125
Selenium	<0.58	F1	6.15	4.28	F1	mg/Kg	☼	70	75 - 125
Silver	<0.29	F1	3.07	1.87	F1	mg/Kg	☼	61	75 - 125

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: 500-270891-1 MS

Matrix: Solid

Analysis Batch: 825017

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: Total/NA

Prep Batch: 824432

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Thallium	0.81		6.15	6.78		mg/Kg	⊛	97	75 - 125
Vanadium	28		30.7	61.6		mg/Kg	⊛	111	75 - 125
Zinc	79	F1	30.7	117		mg/Kg	⊛	123	75 - 125

Lab Sample ID: 500-270891-1 MSD

Matrix: Solid

Analysis Batch: 825017

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: Total/NA

Prep Batch: 824432

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<1.2	F1	29.9	7.32	F1	mg/Kg	⊛	24	75 - 125	1	20
Arsenic	5.8		5.98	10.9		mg/Kg	⊛	85	75 - 125	5	20
Barium	51	B	120	166		mg/Kg	⊛	96	75 - 125	1	20
Beryllium	0.75		2.99	3.32		mg/Kg	⊛	86	75 - 125	0	20
Boron	18	B	59.8	67.0		mg/Kg	⊛	82	75 - 125	0	20
Cadmium	0.24	F1	2.99	2.49		mg/Kg	⊛	75	75 - 125	0	20
Chromium	24	F1	12.0	39.3		mg/Kg	⊛	124	75 - 125	2	20
Cobalt	14		29.9	43.9		mg/Kg	⊛	101	75 - 125	2	20
Copper	31	F2 F1	15.0	56.4	F1 F2	mg/Kg	⊛	167	75 - 125	22	20
Iron	19000	B	59.8	21500	4	mg/Kg	⊛	3622	75 - 125	4	20
Lead	47	F2	5.98	111	4 F2	mg/Kg	⊛	1068	75 - 125	91	20
Magnesium	9400		598	9150	4	mg/Kg	⊛	-42	75 - 125	5	20
Manganese	210		29.9	186	4	mg/Kg	⊛	-90	75 - 125	5	20
Nickel	41		29.9	72.3		mg/Kg	⊛	105	75 - 125	4	20
Selenium	<0.58	F1	5.98	4.11	F1	mg/Kg	⊛	69	75 - 125	4	20
Silver	<0.29	F1	2.99	1.91	F1	mg/Kg	⊛	64	75 - 125	2	20
Thallium	0.81		5.98	6.35		mg/Kg	⊛	93	75 - 125	7	20
Vanadium	28		29.9	59.0		mg/Kg	⊛	105	75 - 125	4	20
Zinc	79	F1	29.9	135	F1	mg/Kg	⊛	186	75 - 125	14	20

Lab Sample ID: 500-270891-1 DU

Matrix: Solid

Analysis Batch: 825017

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: Total/NA

Prep Batch: 824432

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<1.2	F1	<1.2		mg/Kg	⊛	NC	20
Arsenic	5.8		4.54	F3	mg/Kg	⊛	24	20
Barium	51	B	55.4		mg/Kg	⊛	8	20
Beryllium	0.75		0.677		mg/Kg	⊛	10	20
Boron	18	B	19.0		mg/Kg	⊛	6	20
Cadmium	0.24	F1	0.137	F5	mg/Kg	⊛	55	20
Chromium	24	F1	26.6		mg/Kg	⊛	9	20
Cobalt	14		14.0		mg/Kg	⊛	2	20
Copper	31	F2 F1	25.3	F3	mg/Kg	⊛	22	20
Iron	19000	B	20000		mg/Kg	⊛	3	20
Lead	47	F2	14.6	F3	mg/Kg	⊛	105	20
Magnesium	9400		9360		mg/Kg	⊛	0.5	20
Manganese	210		178		mg/Kg	⊛	18	20
Nickel	41		42.3		mg/Kg	⊛	3	20
Selenium	<0.58	F1	<0.58		mg/Kg	⊛	NC	20

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: 500-270891-1 DU

Matrix: Solid

Analysis Batch: 825017

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: Total/NA

Prep Batch: 824432

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Silver	<0.29	F1	<0.29		mg/Kg	✖	NC	20
Thallium	0.81		0.854		mg/Kg	✖	6	20
Vanadium	28		27.6		mg/Kg	✖	0.4	20
Zinc	79	F1	75.8		mg/Kg	✖	5	20

Lab Sample ID: LCS 500-824919/16-A

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824919

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.0900		mg/L		90	80 - 120
Barium	0.500	0.482		mg/L		96	80 - 120
Beryllium	0.0500	0.0476		mg/L		95	80 - 120
Boron	1.00	0.894		mg/L		89	80 - 120
Cadmium	0.0500	0.0478		mg/L		96	80 - 120
Chromium	0.200	0.185		mg/L		93	80 - 120
Cobalt	0.500	0.490		mg/L		98	80 - 120
Copper	0.250	0.228		mg/L		91	80 - 120
Iron	1.00	0.970		mg/L		97	80 - 120
Lead	0.100	0.101		mg/L		101	80 - 120
Manganese	0.500	0.476		mg/L		95	80 - 120
Nickel	0.500	0.495		mg/L		99	80 - 120
Selenium	0.100	0.0962		mg/L		96	80 - 120
Silver	0.0500	0.0462		mg/L		92	80 - 120
Vanadium	0.500	0.445		mg/L		89	80 - 120
Zinc	0.500	0.470	J	mg/L		94	80 - 120

Lab Sample ID: LCS 500-824919/2-A

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824919

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.0935		mg/L		94	80 - 120
Barium	0.500	0.481		mg/L		96	80 - 120
Beryllium	0.0500	0.0482		mg/L		96	80 - 120
Cadmium	0.0500	0.0506		mg/L		101	80 - 120
Chromium	0.200	0.200		mg/L		100	80 - 120
Cobalt	0.500	0.518		mg/L		104	80 - 120
Copper	0.250	0.275		mg/L		110	80 - 120
Iron	1.00	0.952		mg/L		95	80 - 120
Lead	0.100	0.100		mg/L		100	80 - 120
Manganese	0.500	0.474		mg/L		95	80 - 120
Nickel	0.500	0.519		mg/L		104	80 - 120
Selenium	0.100	0.106		mg/L		106	80 - 120
Silver	0.0500	0.0528		mg/L		106	80 - 120
Vanadium	0.500	0.546		mg/L		109	80 - 120
Zinc	0.500	0.539		mg/L		108	80 - 120

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: LCS 500-824919/2-A

Matrix: Solid

Analysis Batch: 825354

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824919

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.991		mg/L		99	80 - 120

Lab Sample ID: LCS 500-824920/2-A

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824920

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	0.0500	0.0485		mg/L		97	80 - 120
Iron	1.00	0.944		mg/L		94	80 - 120
Lead	0.100	0.103		mg/L		103	80 - 120
Manganese	0.500	0.480		mg/L		96	80 - 120
Nickel	0.500	0.504		mg/L		101	80 - 120

Lab Sample ID: LCS 500-825103/2-A

Matrix: Solid

Analysis Batch: 825353

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 825103

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.103		mg/L		103	80 - 120
Barium	0.500	0.505		mg/L		101	80 - 120
Beryllium	0.0500	0.0531		mg/L		106	80 - 120
Boron	1.00	0.997		mg/L		100	80 - 120
Cadmium	0.0500	0.0496		mg/L		99	80 - 120
Chromium	0.200	0.203		mg/L		102	80 - 120
Cobalt	0.500	0.527		mg/L		105	80 - 120
Copper	0.250	0.246		mg/L		98	80 - 120
Iron	1.00	1.01		mg/L		101	80 - 120
Lead	0.100	0.109		mg/L		109	80 - 120
Manganese	0.500	0.503		mg/L		101	80 - 120
Nickel	0.500	0.524		mg/L		105	80 - 120
Selenium	0.100	0.0914		mg/L		91	80 - 120
Silver	0.0500	0.0496		mg/L		99	80 - 120
Vanadium	0.500	0.501		mg/L		100	80 - 120
Zinc	0.500	0.498	J	mg/L		100	80 - 120

Lab Sample ID: LCS 500-825298/2-A

Matrix: Solid

Analysis Batch: 825584

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 825298

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.104		mg/L		104	80 - 120
Barium	0.500	0.492		mg/L		98	80 - 120
Beryllium	0.0500	0.0499		mg/L		100	80 - 120
Boron	1.00	0.934		mg/L		93	80 - 120
Cadmium	0.0500	0.0493		mg/L		99	80 - 120
Chromium	0.200	0.199		mg/L		100	80 - 120
Cobalt	0.500	0.534		mg/L		107	80 - 120
Copper	0.250	0.245		mg/L		98	80 - 120
Iron	1.00	1.04		mg/L		104	80 - 120

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: LCS 500-825298/2-A

Matrix: Solid

Analysis Batch: 825584

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 825298

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	
Lead	0.100	0.108		mg/L		108	80 - 120	
Manganese	0.500	0.477		mg/L		95	80 - 120	
Nickel	0.500	0.515		mg/L		103	80 - 120	
Selenium	0.100	0.107		mg/L		107	80 - 120	
Silver	0.0500	0.0516		mg/L		103	80 - 120	
Vanadium	0.500	0.506		mg/L		101	80 - 120	
Zinc	0.500	0.550		mg/L		110	80 - 120	

Lab Sample ID: LCS 500-825300/2-A

Matrix: Solid

Analysis Batch: 825582

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 825300

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	
Cadmium	0.0500	0.0470		mg/L		94	80 - 120	
Iron	1.00	0.939		mg/L		94	80 - 120	
Lead	0.100	0.101		mg/L		101	80 - 120	
Manganese	0.500	0.542		mg/L		108	80 - 120	
Nickel	0.500	0.476		mg/L		95	80 - 120	

Lab Sample ID: LCS 500-825322/2-A

Matrix: Solid

Analysis Batch: 825582

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 825322

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	
Cadmium	0.0500	0.0474		mg/L		95	80 - 120	
Iron	1.00	0.915		mg/L		91	80 - 120	
Lead	0.100	0.101		mg/L		101	80 - 120	
Manganese	0.500	0.469		mg/L		94	80 - 120	
Nickel	0.500	0.466		mg/L		93	80 - 120	

Lab Sample ID: LB 500-824709/1-B

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 824919

Analyte	LB LB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Arsenic	0.00661	J	0.010	0.0037	mg/L		07/08/25 15:05	07/09/25 18:39	1
Barium	0.00147	J	0.010	0.0012	mg/L		07/08/25 15:05	07/09/25 18:39	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		07/08/25 15:05	07/09/25 18:39	1
Cadmium	0.000658	J	0.0050	0.00043	mg/L		07/08/25 15:05	07/09/25 18:39	1
Chromium	0.00287	J	0.010	0.0017	mg/L		07/08/25 15:05	07/09/25 18:39	1
Cobalt	0.00103	J	0.0050	0.00078	mg/L		07/08/25 15:05	07/09/25 18:39	1
Copper	0.00196	J	0.010	0.0018	mg/L		07/08/25 15:05	07/09/25 18:39	1
Iron	<0.40		0.40	0.082	mg/L		07/08/25 15:05	07/09/25 18:39	1
Lead	<0.0075		0.0075	0.0027	mg/L		07/08/25 15:05	07/09/25 18:39	1
Manganese	<0.010		0.010	0.0023	mg/L		07/08/25 15:05	07/09/25 18:39	1
Nickel	<0.010		0.010	0.0048	mg/L		07/08/25 15:05	07/09/25 18:39	1
Selenium	<0.050		0.050	0.0053	mg/L		07/08/25 15:05	07/09/25 18:39	1
Silver	<0.0050		0.0050	0.0015	mg/L		07/08/25 15:05	07/09/25 18:39	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		07/08/25 15:05	07/09/25 18:39	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: LB 500-824709/1-B

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 824919

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	<0.50		0.50	0.0050	mg/L		07/08/25 15:05	07/09/25 18:39	1

Lab Sample ID: LB 500-824709/1-B

Matrix: Solid

Analysis Batch: 825354

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 824919

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.50		0.50	0.0056	mg/L		07/08/25 15:05	07/10/25 15:03	1

Lab Sample ID: LB2 500-824736/1-B

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 824919

Analyte	LB2 Result	LB2 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00509	J	0.010	0.0037	mg/L		07/08/25 15:05	07/09/25 19:59	1
Barium	<0.010		0.010	0.0012	mg/L		07/08/25 15:05	07/09/25 19:59	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		07/08/25 15:05	07/09/25 19:59	1
Boron	0.0216	J	0.50	0.0056	mg/L		07/08/25 15:05	07/09/25 19:59	1
Cadmium	<0.0050		0.0050	0.00043	mg/L		07/08/25 15:05	07/09/25 19:59	1
Chromium	<0.010		0.010	0.0017	mg/L		07/08/25 15:05	07/09/25 19:59	1
Cobalt	<0.0050		0.0050	0.00078	mg/L		07/08/25 15:05	07/09/25 19:59	1
Copper	<0.010		0.010	0.0018	mg/L		07/08/25 15:05	07/09/25 19:59	1
Iron	<0.40		0.40	0.082	mg/L		07/08/25 15:05	07/09/25 19:59	1
Lead	<0.0075		0.0075	0.0027	mg/L		07/08/25 15:05	07/09/25 19:59	1
Manganese	<0.010		0.010	0.0023	mg/L		07/08/25 15:05	07/09/25 19:59	1
Nickel	<0.010		0.010	0.0048	mg/L		07/08/25 15:05	07/09/25 19:59	1
Selenium	<0.050		0.050	0.0053	mg/L		07/08/25 15:05	07/09/25 19:59	1
Silver	<0.0050		0.0050	0.0015	mg/L		07/08/25 15:05	07/09/25 19:59	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		07/08/25 15:05	07/09/25 19:59	1
Zinc	<0.50		0.50	0.0050	mg/L		07/08/25 15:05	07/09/25 19:59	1

Lab Sample ID: 500-270891-1 MS

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: TCLP

Prep Batch: 824919

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.017	B	0.100	0.106		mg/L		89	75 - 125
Barium	0.34	B	0.500	0.818		mg/L		95	75 - 125
Beryllium	<0.0040		0.0500	0.0474		mg/L		95	75 - 125
Cadmium	0.0029	J B	0.0500	0.0515		mg/L		97	75 - 125
Chromium	0.0032	J B	0.200	0.177		mg/L		87	75 - 125
Cobalt	0.0012	J B	0.500	0.493		mg/L		98	75 - 125
Copper	<0.010		0.250	0.227		mg/L		91	75 - 125
Iron	<0.40		1.00	0.985		mg/L		99	75 - 125
Lead	0.0059	J	0.100	0.109		mg/L		103	75 - 125
Manganese	1.8		0.500	2.25		mg/L		96	75 - 125
Nickel	0.0054	J	0.500	0.494		mg/L		98	75 - 125
Selenium	0.012	J	0.100	0.104		mg/L		93	75 - 125
Silver	<0.0050		0.0500	0.0513		mg/L		103	75 - 125

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: 500-270891-1 MS

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: TCLP

Prep Batch: 824919

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Vanadium	<0.0050		0.500	0.438		mg/L		88	75 - 125
Zinc	0.0051	J	0.500	0.495	J	mg/L		98	75 - 125

Lab Sample ID: 500-270891-1 MS

Matrix: Solid

Analysis Batch: 825354

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: TCLP

Prep Batch: 824919

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	<2.5		1.00	1.12	J	mg/L		112	75 - 125

Lab Sample ID: 500-270891-1 DU

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: TCLP

Prep Batch: 824919

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Arsenic	0.017	B	0.00754	J F5	mg/L		76	20
Barium	0.34	B	0.340		mg/L		1	20
Beryllium	<0.0040		<0.0040		mg/L		NC	20
Cadmium	0.0029	J B	0.00257	J	mg/L		11	20
Chromium	0.0032	J B	0.00358	J	mg/L		10	20
Cobalt	0.0012	J B	0.00223	J F5	mg/L		57	20
Copper	<0.010		0.00183	J	mg/L		NC	20
Iron	<0.40		<0.40		mg/L		NC	20
Lead	0.0059	J	0.00415	J F5	mg/L		34	20
Manganese	1.8		1.75		mg/L		1	20
Nickel	0.0054	J	0.00776	J F5	mg/L		35	20
Selenium	0.012	J	0.0138	J	mg/L		16	20
Silver	<0.0050		<0.0050		mg/L		NC	20
Vanadium	<0.0050		0.00161	J	mg/L		NC	20
Zinc	0.0051	J	0.00547	J	mg/L		8	20

Lab Sample ID: 500-270891-1 DU

Matrix: Solid

Analysis Batch: 825354

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: TCLP

Prep Batch: 824919

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Boron	<2.5		<2.5		mg/L		NC	20

Lab Sample ID: LB 500-824870/1-B

Matrix: Solid

Analysis Batch: 825353

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 825103

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.010	0.0037	mg/L		07/09/25 13:42	07/10/25 12:49	1
Barium	0.00202	J	0.010	0.0012	mg/L		07/09/25 13:42	07/10/25 12:49	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		07/09/25 13:42	07/10/25 12:49	1
Boron	<0.50		0.50	0.0056	mg/L		07/09/25 13:42	07/10/25 12:49	1
Cadmium	<0.0050		0.0050	0.00043	mg/L		07/09/25 13:42	07/10/25 12:49	1
Chromium	0.00256	J	0.010	0.0017	mg/L		07/09/25 13:42	07/10/25 12:49	1
Cobalt	<0.0050		0.0050	0.00078	mg/L		07/09/25 13:42	07/10/25 12:49	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: LB 500-824870/1-B

Matrix: Solid

Analysis Batch: 825353

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 825103

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	<0.010		0.010	0.0018	mg/L		07/09/25 13:42	07/10/25 12:49	1
Iron	<0.40		0.40	0.082	mg/L		07/09/25 13:42	07/10/25 12:49	1
Lead	<0.0075		0.0075	0.0027	mg/L		07/09/25 13:42	07/10/25 12:49	1
Manganese	<0.010		0.010	0.0023	mg/L		07/09/25 13:42	07/10/25 12:49	1
Nickel	<0.010		0.010	0.0048	mg/L		07/09/25 13:42	07/10/25 12:49	1
Selenium	0.0143	J	0.050	0.0053	mg/L		07/09/25 13:42	07/10/25 12:49	1
Silver	<0.0050		0.0050	0.0015	mg/L		07/09/25 13:42	07/10/25 12:49	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		07/09/25 13:42	07/10/25 12:49	1
Zinc	<0.50		0.50	0.0050	mg/L		07/09/25 13:42	07/10/25 12:49	1

Lab Sample ID: LB 500-825006/1-B

Matrix: Solid

Analysis Batch: 825584

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 825298

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.010	0.0037	mg/L		07/10/25 13:24	07/11/25 15:29	1
Barium	0.00264	J	0.010	0.0012	mg/L		07/10/25 13:24	07/11/25 15:29	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		07/10/25 13:24	07/11/25 15:29	1
Boron	<0.50		0.50	0.0056	mg/L		07/10/25 13:24	07/11/25 15:29	1
Cadmium	<0.0050		0.0050	0.00043	mg/L		07/10/25 13:24	07/11/25 15:29	1
Chromium	0.00224	J	0.010	0.0017	mg/L		07/10/25 13:24	07/11/25 15:29	1
Cobalt	<0.0050		0.0050	0.00078	mg/L		07/10/25 13:24	07/11/25 15:29	1
Copper	<0.010		0.010	0.0018	mg/L		07/10/25 13:24	07/11/25 15:29	1
Iron	<0.40		0.40	0.082	mg/L		07/10/25 13:24	07/11/25 15:29	1
Lead	<0.0075		0.0075	0.0027	mg/L		07/10/25 13:24	07/11/25 15:29	1
Manganese	<0.010		0.010	0.0023	mg/L		07/10/25 13:24	07/11/25 15:29	1
Nickel	<0.010		0.010	0.0048	mg/L		07/10/25 13:24	07/11/25 15:29	1
Selenium	<0.050		0.050	0.0053	mg/L		07/10/25 13:24	07/11/25 15:29	1
Silver	<0.0050		0.0050	0.0015	mg/L		07/10/25 13:24	07/11/25 15:29	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		07/10/25 13:24	07/11/25 15:29	1
Zinc	0.00556	J	0.50	0.0050	mg/L		07/10/25 13:24	07/11/25 15:29	1

Lab Sample ID: 500-270891-20 MS

Matrix: Solid

Analysis Batch: 825584

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: TCLP

Prep Batch: 825298

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.0047	J	0.100	0.109		mg/L		104	75 - 125
Barium	0.58	B	0.500	1.10		mg/L		104	75 - 125
Beryllium	<0.0040		0.0500	0.0504		mg/L		101	75 - 125
Cadmium	0.0022	J	0.0500	0.0525		mg/L		101	75 - 125
Chromium	<0.010		0.200	0.190		mg/L		95	75 - 125
Cobalt	0.011		0.500	0.544		mg/L		107	75 - 125
Copper	0.0023	J	0.250	0.245		mg/L		97	75 - 125
Iron	<0.40		1.00	1.12		mg/L		112	75 - 125
Lead	0.041		0.100	0.147		mg/L		107	75 - 125
Manganese	1.7		0.500	2.24		mg/L		115	75 - 125
Nickel	0.012		0.500	0.521		mg/L		102	75 - 125
Selenium	<0.050		0.100	0.0983		mg/L		98	75 - 125

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: 500-270891-20 MS

Matrix: Solid

Analysis Batch: 825584

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: TCLP

Prep Batch: 825298

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	<0.0050		0.0500	0.0513		mg/L		103	75 - 125
Vanadium	0.0021	J	0.500	0.496		mg/L		99	75 - 125
Zinc	0.090	J B	0.500	0.604		mg/L		103	75 - 125

Lab Sample ID: 500-270891-20 MS

Matrix: Solid

Analysis Batch: 825794

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: TCLP

Prep Batch: 825298

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.042	J	1.00	1.17	J	mg/L		112	75 - 125

Lab Sample ID: 500-270891-20 DU

Matrix: Solid

Analysis Batch: 825584

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: TCLP

Prep Batch: 825298

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Arsenic	0.0047	J	0.00372	J F5	mg/L		23	20
Barium	0.58	B	0.582		mg/L		0.7	20
Beryllium	<0.0040		<0.0040		mg/L		NC	20
Cadmium	0.0022	J	0.00233	J	mg/L		4	20
Chromium	<0.010		<0.010		mg/L		NC	20
Cobalt	0.011		0.0112		mg/L		2	20
Copper	0.0023	J	0.00232	J	mg/L		3	20
Iron	<0.40		0.141	J	mg/L		NC	20
Lead	0.041		0.0413		mg/L		2	20
Manganese	1.7		1.69		mg/L		1	20
Nickel	0.012		0.0115		mg/L		3	20
Selenium	<0.050		<0.050		mg/L		NC	20
Silver	<0.0050		<0.0050		mg/L		NC	20
Vanadium	0.0021	J	0.00198	J	mg/L		7	20
Zinc	0.090	J B	0.0911	J	mg/L		2	20

Lab Sample ID: 500-270891-20 DU

Matrix: Solid

Analysis Batch: 825794

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: TCLP

Prep Batch: 825298

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Boron	0.042	J	0.0386	J	mg/L		9	20

Lab Sample ID: LB 500-824710/1-B

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: Method Blank

Prep Type: SPLP East

Prep Batch: 824920

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	<0.0020		0.0020	0.00043	mg/L		07/08/25 15:25	07/09/25 20:41	1
Iron	<0.20		0.20	0.082	mg/L		07/08/25 15:25	07/09/25 20:41	1
Lead	<0.0075		0.0075	0.0027	mg/L		07/08/25 15:25	07/09/25 20:41	1
Manganese	<0.010		0.010	0.0023	mg/L		07/08/25 15:25	07/09/25 20:41	1
Nickel	<0.010		0.010	0.0048	mg/L		07/08/25 15:25	07/09/25 20:41	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: 500-270891-1 MS

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: SPLP East

Prep Batch: 824920

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	200		1.00	201	4	mg/L		577	75 - 125
Lead	0.17		0.100	0.276		mg/L		103	75 - 125
Manganese	0.55		0.500	0.988		mg/L		88	75 - 125

Lab Sample ID: 500-270891-1 DU

Matrix: Solid

Analysis Batch: 825222

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: SPLP East

Prep Batch: 824920

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Iron	200		198		mg/L		1	20
Lead	0.17		0.173		mg/L		0.07	20
Manganese	0.55		0.561		mg/L		2	20

Lab Sample ID: LB 500-824871/1-C

Matrix: Solid

Analysis Batch: 825582

Client Sample ID: Method Blank

Prep Type: SPLP East

Prep Batch: 825300

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	<0.0020		0.0020	0.00043	mg/L		07/10/25 13:29	07/11/25 12:12	1
Iron	<0.20		0.20	0.082	mg/L		07/10/25 13:29	07/11/25 12:12	1
Lead	<0.0075		0.0075	0.0027	mg/L		07/10/25 13:29	07/11/25 12:12	1
Manganese	<0.010		0.010	0.0023	mg/L		07/10/25 13:29	07/11/25 12:12	1
Nickel	<0.010		0.010	0.0048	mg/L		07/10/25 13:29	07/11/25 12:12	1

Lab Sample ID: LB 500-825016/1-B

Matrix: Solid

Analysis Batch: 825582

Client Sample ID: Method Blank

Prep Type: SPLP East

Prep Batch: 825322

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	<0.0020		0.0020	0.00043	mg/L		07/10/25 14:46	07/11/25 22:37	1
Iron	<0.20		0.20	0.082	mg/L		07/10/25 14:46	07/11/25 22:37	1
Lead	<0.0075		0.0075	0.0027	mg/L		07/10/25 14:46	07/11/25 22:37	1
Manganese	0.00662	J	0.010	0.0023	mg/L		07/10/25 14:46	07/11/25 22:37	1
Nickel	<0.010		0.010	0.0048	mg/L		07/10/25 14:46	07/11/25 22:37	1

Lab Sample ID: 500-270891-20 MS

Matrix: Solid

Analysis Batch: 825582

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: SPLP East

Prep Batch: 825322

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	220		1.00	243	4	mg/L		2121	75 - 125
Lead	0.49		0.100	0.627	4	mg/L		137	75 - 125
Manganese	0.73	B	0.500	1.23	B	mg/L		100	75 - 125

Lab Sample ID: 500-270891-20 DU

Matrix: Solid

Analysis Batch: 825582

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: SPLP East

Prep Batch: 825322

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Cadmium	0.0010	J	0.000909	J	mg/L		11	20

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

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

Lab Sample ID: 500-270891-20 DU

Matrix: Solid

Analysis Batch: 825582

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: SPLP East

Prep Batch: 825322

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Iron	220		226		mg/L		2	20
Lead	0.49		0.492		mg/L		0.5	20
Manganese	0.73	B	0.739	B	mg/L		2	20
Nickel	0.29		0.289		mg/L		1	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: LCS 500-824919/16-A

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824919

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.514		mg/L		103	80 - 120
Thallium	0.100	0.104		mg/L		104	80 - 120

Lab Sample ID: LCS 500-824919/2-A

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824919

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.532		mg/L		106	80 - 120
Thallium	0.100	0.107		mg/L		107	80 - 120

Lab Sample ID: LCS 500-825103/2-A

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 825103

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.523		mg/L		105	80 - 120
Thallium	0.100	0.106		mg/L		106	80 - 120

Lab Sample ID: LCS 500-825298/2-A

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 825298

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.574		mg/L		115	80 - 120
Thallium	0.100	0.110		mg/L		110	80 - 120

Lab Sample ID: LB 500-824709/1-B

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 824919

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0060	mg/L		07/08/25 15:05	07/14/25 14:55	1
Thallium	<0.0020		0.0020	0.0020	mg/L		07/08/25 15:05	07/14/25 14:55	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LB2 500-824736/1-B

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 824919

Analyte	LB2 Result	LB2 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0060	mg/L		07/08/25 15:05	07/14/25 16:12	1
Thallium	<0.0020		0.0020	0.0020	mg/L		07/08/25 15:05	07/14/25 16:12	1

Lab Sample ID: 500-270891-1 MS

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: TCLP

Prep Batch: 824919

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0060		0.500	0.539		mg/L		108	75 - 125
Thallium	<0.0020		0.100	0.105		mg/L		105	75 - 125

Lab Sample ID: 500-270891-1 DU

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: TCLP

Prep Batch: 824919

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<0.0060		<0.0060		mg/L		NC	20
Thallium	<0.0020		<0.0020		mg/L		NC	20

Lab Sample ID: LB 500-824870/1-B

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 825103

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0060	mg/L		07/09/25 13:42	07/14/25 16:49	1
Thallium	<0.0020		0.0020	0.0020	mg/L		07/09/25 13:42	07/14/25 16:49	1

Lab Sample ID: LB 500-825006/1-B

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 825298

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0060	mg/L		07/10/25 13:24	07/14/25 17:13	1
Thallium	<0.0020		0.0020	0.0020	mg/L		07/10/25 13:24	07/14/25 17:13	1

Lab Sample ID: 500-270891-20 MS

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: TCLP

Prep Batch: 825298

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0060		0.500	0.556		mg/L		111	75 - 125
Thallium	<0.0020		0.100	0.106		mg/L		106	75 - 125

Lab Sample ID: 500-270891-20 DU

Matrix: Solid

Analysis Batch: 825793

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: TCLP

Prep Batch: 825298

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<0.0060		<0.0060		mg/L		NC	20
Thallium	<0.0020		<0.0020		mg/L		NC	20

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Method: 7470A - Mercury

Lab Sample ID: MB 500-825055/12-A
Matrix: Solid
Analysis Batch: 825265

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 825055

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/25 11:20	07/10/25 09:20	1

Lab Sample ID: LCS 500-825055/14-A
Matrix: Solid
Analysis Batch: 825265

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 825055

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00202		mg/L		101	80 - 120

Lab Sample ID: LCS 500-825055/30-A
Matrix: Solid
Analysis Batch: 825265

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 825055

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00197		mg/L		99	80 - 120

Lab Sample ID: MB 500-825271/12-A
Matrix: Solid
Analysis Batch: 825455

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 825271

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/10/25 10:35	07/11/25 10:22	1

Lab Sample ID: LCS 500-825271/14-A
Matrix: Solid
Analysis Batch: 825455

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 825271

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00202		mg/L		101	80 - 120

Lab Sample ID: MB 500-825664/12-A
Matrix: Solid
Analysis Batch: 825842

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 825664

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/14/25 10:25	07/15/25 08:56	1

Lab Sample ID: LCS 500-825664/14-A
Matrix: Solid
Analysis Batch: 825842

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 825664

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00186		mg/L		93	80 - 120

Lab Sample ID: LB 500-824709/1-C
Matrix: Solid
Analysis Batch: 825265

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 825055

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/25 11:20	07/10/25 09:22	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Method: 7470A - Mercury

Lab Sample ID: LB2 500-824736/1-C

Matrix: Solid

Analysis Batch: 825265

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 825055

Analyte	LB2 Result	LB2 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/09/25 11:20	07/10/25 10:01	1

Lab Sample ID: 500-270891-1 MS

Matrix: Solid

Analysis Batch: 825265

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: TCLP

Prep Batch: 825055

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00020		0.000999	0.000971		mg/L		97	75 - 125

Lab Sample ID: 500-270891-1 DU

Matrix: Solid

Analysis Batch: 825265

Client Sample ID: 3055V-179-B01 (0-1)

Prep Type: TCLP

Prep Batch: 825055

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	<0.00020		<0.00020		mg/L		NC	20

Lab Sample ID: LB 500-824870/1-C

Matrix: Solid

Analysis Batch: 825455

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 825271

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/10/25 10:35	07/11/25 10:39	1

Lab Sample ID: LB 500-825006/1-C

Matrix: Solid

Analysis Batch: 825842

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 825664

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/14/25 10:25	07/15/25 08:58	1

Lab Sample ID: 500-270891-20 MS

Matrix: Solid

Analysis Batch: 825842

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: TCLP

Prep Batch: 825664

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00020		0.000999	0.000969		mg/L		97	75 - 125

Lab Sample ID: 500-270891-20 DU

Matrix: Solid

Analysis Batch: 825842

Client Sample ID: 3055V-193-B01 (0-2)

Prep Type: TCLP

Prep Batch: 825664

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	<0.00020		<0.00020		mg/L		NC	20

QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 500-825301/12-A
Matrix: Solid
Analysis Batch: 825473

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 825301

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.017		0.017	0.0069	mg/Kg		07/10/25 15:15	07/11/25 11:02	1

Lab Sample ID: LCS 500-825301/13-A
Matrix: Solid
Analysis Batch: 825473

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 825301

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.167	0.155		mg/Kg		93	80 - 120

Lab Sample ID: 500-270891-11 MS
Matrix: Solid
Analysis Batch: 825473

Client Sample ID: 3055V-01-B02 (10-15)
Prep Type: Total/NA
Prep Batch: 825301

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.021		0.0929	0.120		mg/Kg	✱	107	75 - 125

Lab Sample ID: 500-270891-11 MSD
Matrix: Solid
Analysis Batch: 825473

Client Sample ID: 3055V-01-B02 (10-15)
Prep Type: Total/NA
Prep Batch: 825301

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.021		0.0916	0.119		mg/Kg	✱	107	75 - 125	1	20

Lab Sample ID: 500-270891-11 DU
Matrix: Solid
Analysis Batch: 825473

Client Sample ID: 3055V-01-B02 (10-15)
Prep Type: Total/NA
Prep Batch: 825301

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.021		0.0216		mg/Kg	✱	3	20

Method: 9012B - Cyanide, Total and/or Amenable

Lab Sample ID: MB 500-824575/1-A
Matrix: Solid
Analysis Batch: 824731

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 824575

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.24		0.24	0.12	mg/Kg		07/06/25 12:53	07/07/25 11:17	1

Lab Sample ID: LCS 500-824575/2-A
Matrix: Solid
Analysis Batch: 824731

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 824575

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	2.40	2.50		mg/Kg		104	85 - 115

QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Method: 9012B - Cyanide, Total and/or Amenable (Continued)

Lab Sample ID: 500-270891-5 MS

Matrix: Solid

Analysis Batch: 824731

Client Sample ID: 3055V-01-B01 (0-5)

Prep Type: Total/NA

Prep Batch: 824575

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total	<0.27		2.89	2.80		mg/Kg	✱	97	75 - 125		

Lab Sample ID: 500-270891-5 MSD

Matrix: Solid

Analysis Batch: 824731

Client Sample ID: 3055V-01-B01 (0-5)

Prep Type: Total/NA

Prep Batch: 824575

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	<0.27		2.79	2.82		mg/Kg	✱	101	75 - 125	1	20

Lab Sample ID: 500-270891-12 MS

Matrix: Solid

Analysis Batch: 824731

Client Sample ID: 3055V-01-B02 (10-15)D

Prep Type: Total/NA

Prep Batch: 824575

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total	<0.26	F1	2.58	2.06		mg/Kg	✱	80	75 - 125		

Lab Sample ID: 500-270891-12 MSD

Matrix: Solid

Analysis Batch: 824731

Client Sample ID: 3055V-01-B02 (10-15)D

Prep Type: Total/NA

Prep Batch: 824575

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	<0.26	F1	2.59	1.74	F1	mg/Kg	✱	67	75 - 125	17	20

Lab Sample ID: MB 500-824706/1-A

Matrix: Solid

Analysis Batch: 824754

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 824706

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Cyanide, Total	<0.24		0.24	0.12	mg/Kg		07/07/25 14:55	07/07/25 17:16		1

Lab Sample ID: LCS 500-824706/2-A

Matrix: Solid

Analysis Batch: 824754

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 824706

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total	2.40	2.50		mg/Kg		104	85 - 115		

Method: 9045D - pH

Lab Sample ID: 500-270891-10 DU

Matrix: Solid

Analysis Batch: 824296

Client Sample ID: 3055V-01-B02 (5-10)

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	9.1		9.2		SU		0.7	5

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-179-B01 (0-1)

Lab Sample ID: 500-270891-1

Date Collected: 06/30/25 10:15

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 20:50
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825354	S1Z	EET CHI	07/10/25 15:24
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 18:48
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 15:11
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 09:31
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 10:45
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-179-B01 (0-1)

Lab Sample ID: 500-270891-1

Date Collected: 06/30/25 10:15

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 80.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824184	MM	EET CHI	07/02/25 17:55
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 17:56
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 20:49
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:05
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:17

Client Sample ID: 3055V-181-B01 (0-2)

Lab Sample ID: 500-270891-2

Date Collected: 06/30/25 10:40

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 21:16
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825354	S1Z	EET CHI	07/10/25 15:41

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Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-181-B01 (0-2)

Lab Sample ID: 500-270891-2

Date Collected: 06/30/25 10:40

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 19:07
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 15:28
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 09:37
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 10:47
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-181-B01 (0-2)

Lab Sample ID: 500-270891-2

Date Collected: 06/30/25 10:40

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 80.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824184	MM	EET CHI	07/02/25 18:21
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 16:43
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 21:20
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:08
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:19

Client Sample ID: 3055V-200-B01 (0-2)

Lab Sample ID: 500-270891-3

Date Collected: 06/30/25 11:15

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 21:21
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825416	S1Z	EET CHI	07/10/25 20:59
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 20:08
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 16:20

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-200-B01 (0-2)

Lab Sample ID: 500-270891-3

Date Collected: 06/30/25 11:15

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 10:06
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 10:50
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-200-B01 (0-2)

Lab Sample ID: 500-270891-3

Date Collected: 06/30/25 11:15

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 81.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824184	MM	EET CHI	07/02/25 18:46
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 18:20
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 21:24
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:10
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:19

Client Sample ID: 3055V-200-B02 (0-1)

Lab Sample ID: 500-270891-4

Date Collected: 06/30/25 11:30

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 21:25
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 20:22
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 16:25
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 10:08
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 10:52
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-200-B02 (0-1)

Lab Sample ID: 500-270891-4

Date Collected: 06/30/25 11:30

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 81.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824184	MM	EET CHI	07/02/25 19:12
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 17:07
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 21:28
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825242	SJ	EET CHI	07/09/25 16:23
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 16:28
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:12
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:20

Client Sample ID: 3055V-01-B01 (0-5)

Lab Sample ID: 500-270891-5

Date Collected: 06/30/25 11:45

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 21:30
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 20:26
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 16:29
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 10:10
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 10:55
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-01-B01 (0-5)

Lab Sample ID: 500-270891-5

Date Collected: 06/30/25 11:45

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 82.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824184	MM	EET CHI	07/02/25 19:37
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 19:08

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B01 (0-5)

Lab Sample ID: 500-270891-5

Date Collected: 06/30/25 11:45

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 82.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 21:33
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:13
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:21

Client Sample ID: 3055V-01-B01 (5-10)

Lab Sample ID: 500-270891-6

Date Collected: 06/30/25 11:50

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 21:34
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825354	S1Z	EET CHI	07/10/25 15:46
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 19:11
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 15:32
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 09:38
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 10:57
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-01-B01 (5-10)

Lab Sample ID: 500-270891-6

Date Collected: 06/30/25 11:50

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 80.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 15:20
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 19:33
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 21:37
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 16:36
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:15

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B01 (5-10)

Lab Sample ID: 500-270891-6

Date Collected: 06/30/25 11:50

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 80.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:24

Client Sample ID: 3055V-01-B01 (10-15)

Lab Sample ID: 500-270891-7

Date Collected: 06/30/25 11:55

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 21:38
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825354	S1Z	EET CHI	07/10/25 15:50
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 19:25
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 15:36
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 09:40
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:00
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-01-B01 (10-15)

Lab Sample ID: 500-270891-7

Date Collected: 06/30/25 11:55

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 81.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 15:45
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 18:44
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 21:41
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 16:41
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:17
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:26

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B01 (15-19.5)

Lab Sample ID: 500-270891-8

Date Collected: 06/30/25 12:00

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 21:43
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825416	S1Z	EET CHI	07/10/25 21:04
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 20:31
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 16:33
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 10:33
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:02
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-01-B01 (15-19.5)

Lab Sample ID: 500-270891-8

Date Collected: 06/30/25 12:00

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 82.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 16:10
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 21:33
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 21:46
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 16:45
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:24
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:27

Client Sample ID: 3055V-01-B02 (0-5)

Lab Sample ID: 500-270891-9

Date Collected: 06/30/25 12:30

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 21:47

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Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B02 (0-5)

Lab Sample ID: 500-270891-9

Date Collected: 06/30/25 12:30

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825354	S1Z	EET CHI	07/10/25 16:04
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 19:30
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 15:40
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 09:42
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:04
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-01-B02 (0-5)

Lab Sample ID: 500-270891-9

Date Collected: 06/30/25 12:30

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 88.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 16:35
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824795	W1T	EET CHI	07/08/25 18:48
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 21:50
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 16:50
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:25
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:27

Client Sample ID: 3055V-01-B02 (5-10)

Lab Sample ID: 500-270891-10

Date Collected: 06/30/25 12:35

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 21:52
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825416	S1Z	EET CHI	07/10/25 21:08

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Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B02 (5-10)

Lab Sample ID: 500-270891-10

Date Collected: 06/30/25 12:35

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 20:35
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 16:37
TCLP	Leach	1311			824736	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 10:35
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:09
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-01-B02 (5-10)

Lab Sample ID: 500-270891-10

Date Collected: 06/30/25 12:35

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 74.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 17:00
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 16:19
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 22:04
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:27
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:29

Client Sample ID: 3055V-01-B02 (10-15)

Lab Sample ID: 500-270891-11

Date Collected: 06/30/25 12:40

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 21:56
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825354	S1Z	EET CHI	07/10/25 16:08
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 19:35
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 15:44

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Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B02 (10-15)

Lab Sample ID: 500-270891-11

Date Collected: 06/30/25 12:40

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 09:44
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:14
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-01-B02 (10-15)

Lab Sample ID: 500-270891-11

Date Collected: 06/30/25 12:40

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 80.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 17:25
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 19:57
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 22:08
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 16:54
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:29
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:29

Client Sample ID: 3055V-01-B02 (10-15)D

Lab Sample ID: 500-270891-12

Date Collected: 06/30/25 12:45

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 22:10
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825354	S1Z	EET CHI	07/10/25 16:13
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 19:39
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 15:48
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 09:46
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:17

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B02 (10-15)D

Lab Sample ID: 500-270891-12

Date Collected: 06/30/25 12:45

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-01-B02 (10-15)D

Lab Sample ID: 500-270891-12

Date Collected: 06/30/25 12:45

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 84.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 17:50
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 20:21
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 22:12
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 16:59
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:37
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:29

Client Sample ID: 3055V-01-B02 (15-20)

Lab Sample ID: 500-270891-13

Date Collected: 06/30/25 12:50

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 22:14
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825354	S1Z	EET CHI	07/10/25 16:17
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 19:44
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 16:00
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 09:52
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:19
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B02 (15-20)

Lab Sample ID: 500-270891-13

Date Collected: 06/30/25 12:50

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 86.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 18:15
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 20:45
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 22:17
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 17:03
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:39
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:32

Client Sample ID: 3055V-01-B04 (0-5)

Lab Sample ID: 500-270891-14

Date Collected: 06/30/25 13:30

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 22:19
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825354	S1Z	EET CHI	07/10/25 16:21
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 19:49
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 16:04
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 09:53
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:22
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-01-B04 (0-5)

Lab Sample ID: 500-270891-14

Date Collected: 06/30/25 13:30

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 95.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 18:41
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 15:54

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Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B04 (0-5)

Lab Sample ID: 500-270891-14

Date Collected: 06/30/25 13:30

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 95.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 22:21
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 17:16
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		10	825242	SJ	EET CHI	07/09/25 17:21
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:41
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:33

Client Sample ID: 3055V-01-B04 (5-10)

Lab Sample ID: 500-270891-15

Date Collected: 06/30/25 13:35

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824710	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
SPLP East	Prep	3010A			824920	MS	EET CHI	07/08/25 15:25 - 07/08/25 21:25 ¹
SPLP East	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 22:23
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		5	825354	S1Z	EET CHI	07/10/25 16:26
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6010D		1	825222	S1Z	EET CHI	07/09/25 19:53
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	3010A			824919	MS	EET CHI	07/08/25 15:05 - 07/08/25 21:05 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 16:08
TCLP	Leach	1311			824709	TJ	EET CHI	07/07/25 16:05 - 07/08/25 10:05 ¹
TCLP	Prep	7470A			825055	MJG	EET CHI	07/09/25 11:20 - 07/09/25 13:20 ¹
TCLP	Analysis	7470A		1	825265	MJG	EET CHI	07/10/25 09:55
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:24
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-01-B04 (5-10)

Lab Sample ID: 500-270891-15

Date Collected: 06/30/25 13:35

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 81.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 19:06
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 21:57
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 22:26

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B04 (5-10)

Lab Sample ID: 500-270891-15

Date Collected: 06/30/25 13:35

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 81.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 17:25
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:46
Total/NA	Prep	9010C			824575	AC	EET CHI	07/06/25 12:53 - 07/06/25 13:23 ¹
Total/NA	Analysis	9012B		1	824731	AC	EET CHI	07/07/25 11:36

Client Sample ID: 3055V-01-B04 (10-15)

Lab Sample ID: 500-270891-16

Date Collected: 06/30/25 13:40

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824871	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
SPLP East	Prep	3010A			825300	MS	EET CHI	07/10/25 13:29 - 07/10/25 19:29 ¹
SPLP East	Analysis	6010D		1	825582	S1Z	EET CHI	07/11/25 13:04
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	3010A			825103	MS	EET CHI	07/09/25 13:42 - 07/09/25 19:42 ¹
TCLP	Analysis	6010D		1	825353	SJ	EET CHI	07/10/25 13:25
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	3010A			825103	MS	EET CHI	07/09/25 13:42 - 07/09/25 19:42 ¹
TCLP	Analysis	6010D		5	825584	S1Z	EET CHI	07/11/25 21:37
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	3010A			825103	MS	EET CHI	07/09/25 13:42 - 07/09/25 19:42 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 16:57
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	7470A			825271	MJG	EET CHI	07/10/25 10:35 - 07/10/25 12:35 ¹
TCLP	Analysis	7470A		1	825455	MJG	EET CHI	07/11/25 11:08
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:26
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-01-B04 (10-15)

Lab Sample ID: 500-270891-16

Date Collected: 06/30/25 13:40

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 81.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 19:31
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 17:31
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 22:30
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 17:29
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:48

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Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-01-B04 (10-15)

Lab Sample ID: 500-270891-16

Date Collected: 06/30/25 13:40

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 81.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9010C			824706	AC	EET CHI	07/07/25 14:55 - 07/07/25 15:25 ¹
Total/NA	Analysis	9012B		1	824754	AC	EET CHI	07/07/25 17:24

Client Sample ID: 3055V-01-B04 (15-20)

Lab Sample ID: 500-270891-17

Date Collected: 06/30/25 13:45

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824871	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
SPLP East	Prep	3010A			825300	MS	EET CHI	07/10/25 13:29 - 07/10/25 19:29 ¹
SPLP East	Analysis	6010D		1	825582	S1Z	EET CHI	07/11/25 13:08
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	3010A			825103	MS	EET CHI	07/09/25 13:42 - 07/09/25 19:42 ¹
TCLP	Analysis	6010D		1	825353	SJ	EET CHI	07/10/25 13:29
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	3010A			825103	MS	EET CHI	07/09/25 13:42 - 07/09/25 19:42 ¹
TCLP	Analysis	6010D		5	825584	S1Z	EET CHI	07/11/25 21:51
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	3010A			825103	MS	EET CHI	07/09/25 13:42 - 07/09/25 19:42 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 17:01
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	7470A			825271	MJG	EET CHI	07/10/25 10:35 - 07/10/25 12:35 ¹
TCLP	Analysis	7470A		1	825455	MJG	EET CHI	07/11/25 11:10
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:29
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-01-B04 (15-20)

Lab Sample ID: 500-270891-17

Date Collected: 06/30/25 13:45

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 80.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 19:56
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 21:09
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 22:35
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 17:34
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:50
Total/NA	Prep	9010C			824706	AC	EET CHI	07/07/25 14:55 - 07/07/25 15:25 ¹
Total/NA	Analysis	9012B		1	824754	AC	EET CHI	07/07/25 17:26

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-165-B02 (0-1)

Lab Sample ID: 500-270891-18

Date Collected: 06/30/25 14:30

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824871	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
SPLP East	Prep	3010A			825300	MS	EET CHI	07/10/25 13:29 - 07/10/25 19:29 ¹
SPLP East	Analysis	6010D		1	825582	S1Z	EET CHI	07/11/25 13:13
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	3010A			825103	MS	EET CHI	07/09/25 13:42 - 07/09/25 19:42 ¹
TCLP	Analysis	6010D		1	825353	SJ	EET CHI	07/10/25 13:34
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	3010A			825103	MS	EET CHI	07/09/25 13:42 - 07/09/25 19:42 ¹
TCLP	Analysis	6010D		5	825584	S1Z	EET CHI	07/11/25 21:55
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	3010A			825103	MS	EET CHI	07/09/25 13:42 - 07/09/25 19:42 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 17:05
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	7470A			825271	MJG	EET CHI	07/10/25 10:35 - 07/10/25 12:35 ¹
TCLP	Analysis	7470A		1	825455	MJG	EET CHI	07/11/25 11:12
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:31
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-165-B02 (0-1)

Lab Sample ID: 500-270891-18

Date Collected: 06/30/25 14:30

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 87.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 20:21
Total/NA	Prep	3546			824905	LH	EET CHI	07/08/25 14:13
Total/NA	Analysis	8270E		1	824983	MM	EET CHI	07/09/25 17:26
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 22:39
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 17:38
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:52
Total/NA	Prep	9010C			824706	AC	EET CHI	07/07/25 14:55 - 07/07/25 15:25 ¹
Total/NA	Analysis	9012B		1	824754	AC	EET CHI	07/07/25 17:26

Client Sample ID: 3055V-165-B01 (0-2)

Lab Sample ID: 500-270891-19

Date Collected: 06/30/25 14:40

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			824871	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
SPLP East	Prep	3010A			825300	MS	EET CHI	07/10/25 13:29 - 07/10/25 19:29 ¹
SPLP East	Analysis	6010D		1	825582	S1Z	EET CHI	07/11/25 13:17

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-165-B01 (0-2)

Lab Sample ID: 500-270891-19

Date Collected: 06/30/25 14:40

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	3010A			825103	MS	EET CHI	07/09/25 13:42 - 07/09/25 19:42 ¹
TCLP	Analysis	6010D		1	825353	SJ	EET CHI	07/10/25 13:39
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	3010A			825103	MS	EET CHI	07/09/25 13:42 - 07/09/25 19:42 ¹
TCLP	Analysis	6010D		5	825584	S1Z	EET CHI	07/11/25 22:00
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	3010A			825103	MS	EET CHI	07/09/25 13:42 - 07/09/25 19:42 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 17:09
TCLP	Leach	1311			824870	PA	EET CHI	07/08/25 16:24 - 07/09/25 10:24 ¹
TCLP	Prep	7470A			825271	MJG	EET CHI	07/10/25 10:35 - 07/10/25 12:35 ¹
TCLP	Analysis	7470A		1	825455	MJG	EET CHI	07/11/25 11:14
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:36
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-165-B01 (0-2)

Lab Sample ID: 500-270891-19

Date Collected: 06/30/25 14:40

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 83.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 20:46
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 15:30
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 22:43
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:54
Total/NA	Prep	9010C			824706	AC	EET CHI	07/07/25 14:55 - 07/07/25 15:25 ¹
Total/NA	Analysis	9012B		1	824754	AC	EET CHI	07/07/25 17:27

Client Sample ID: 3055V-193-B01 (0-2)

Lab Sample ID: 500-270891-20

Date Collected: 06/30/25 15:50

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			825016	RJ	EET CHI	07/09/25 15:53 - 07/10/25 09:53 ¹
SPLP East	Prep	3010A			825322	MS	EET CHI	07/10/25 14:46 - 07/10/25 20:46 ¹
SPLP East	Analysis	6010D		1	825582	S1Z	EET CHI	07/11/25 22:46
TCLP	Leach	1311			825006	RJ	EET CHI	07/09/25 16:42 - 07/10/25 10:42 ¹
TCLP	Prep	3010A			825298	MS	EET CHI	07/10/25 13:24 - 07/10/25 19:24 ¹
TCLP	Analysis	6010D		5	825794	S1Z	EET CHI	07/14/25 22:00
TCLP	Leach	1311			825006	RJ	EET CHI	07/09/25 16:42 - 07/10/25 10:42 ¹
TCLP	Prep	3010A			825298	MS	EET CHI	07/10/25 13:24 - 07/10/25 19:24 ¹
TCLP	Analysis	6010D		1	825584	S1Z	EET CHI	07/11/25 15:33

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Client Sample ID: 3055V-193-B01 (0-2)

Lab Sample ID: 500-270891-20

Date Collected: 06/30/25 15:50

Matrix: Solid

Date Received: 07/01/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			825006	RJ	EET CHI	07/09/25 16:42 - 07/10/25 10:42 ¹
TCLP	Prep	3010A			825298	MS	EET CHI	07/10/25 13:24 - 07/10/25 19:24 ¹
TCLP	Analysis	6020B		1	825793	RN	EET CHI	07/14/25 17:30
TCLP	Leach	1311			825006	RJ	EET CHI	07/09/25 16:42 - 07/10/25 10:42 ¹
TCLP	Prep	7470A			825664	MJG	EET CHI	07/14/25 10:25 - 07/14/25 12:25 ¹
TCLP	Analysis	7470A		1	825842	MJG	EET CHI	07/15/25 09:03
Total/NA	Analysis	9045D		1	824296	RB	EET CHI	07/02/25 11:39
Total/NA	Analysis	Moisture		1	824244	RB	EET CHI	07/02/25 10:14

Client Sample ID: 3055V-193-B01 (0-2)

Lab Sample ID: 500-270891-20

Date Collected: 06/30/25 15:50

Matrix: Solid

Date Received: 07/01/25 10:10

Percent Solids: 79.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			824229	OP	EET CHI	07/01/25 19:06
Total/NA	Analysis	8260D		1	824263	MM	EET CHI	07/02/25 21:11
Total/NA	Prep	3546			824387	SC	EET CHI	07/03/25 07:15
Total/NA	Analysis	8270E		1	824407	H7CM	EET CHI	07/03/25 23:09
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		1	825017	S1Z	EET CHI	07/08/25 22:57
Total/NA	Prep	3050B			824432	BDE	EET CHI	07/03/25 08:52 - 07/03/25 14:52 ¹
Total/NA	Analysis	6010D		5	825242	SJ	EET CHI	07/09/25 17:43
Total/NA	Prep	7471B			825301	MJG	EET CHI	07/10/25 15:15
Total/NA	Analysis	7471B		1	825473	MJG	EET CHI	07/11/25 11:56
Total/NA	Prep	9010C			824706	AC	EET CHI	07/07/25 14:55 - 07/07/25 15:25 ¹
Total/NA	Analysis	9012B		1	824754	AC	EET CHI	07/07/25 17:28

¹ This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

Accreditation/Certification Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO55A I-290 Central Park

Job ID: 500-270891-1

Laboratory: Eurofins Chicago

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	100201	05-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260D	5035	Solid	1,3-Dichloropropene, Total
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Chain of Custody Record 744810

Environment Testing
America

TAL-8210

Address _____

_____Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

Client Contact		Project Manager: J. Hughes		Site Contact T. Trojnar		Date: 6-30-25		COC No 1	
Company Name WSP		Tel/Email:		Lab Contact:		Carrier:		1 of 2 COCs	
Address 30 N LaSalle St #4200		Analysis Turnaround Time						Sampler	
City/State/Zip Chicago, IL 60602		☒ CALENDAR DAYS ☐ WORKING DAYS						For Lab Use Only:	
Phone		TAT if different from Below						Walk-in Client	
Fax		☒ 2 weeks						Lab Sampling	
Project Name ASP11 WOSSA - I-290		☐ 1 week						Job / SDG No	
Site 31403035, 8305		☐ 2 days						500-270891	
P O #		☐ 1 day							
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Sample Specific Notes
1	3065V-179-B01 (0-1)	6/30/25	1015	G	S	2		/	
2	3065V-181-B01 (0-2)		1040					/	
3	3065V-200-B01 (0-2)		1115					/	
4	3065V-200-B02 (0-1)		1130					/	
5	3065V-01-B01 (0-5)		1145					/	
6	3065V-01-B01 (5-10)		1150					/	
7	3065V-01-B01 (10-15)		1155					/	
8	3065V-01-B01 (15-19.5)		1200					/	
9	3065V-01-B01 (10-5)		1230					/	
10	3065V-01-B02 (5-10)		1235					/	
11	3065V-01-B02 (10-15)		1240					/	
12	3065V-01-B02 (10-15) DUP		1245					/	
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other							Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample							☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months		
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown									
Special Instructions/QC Requirements & Comments: * SPLP Analysis based on TCLP results									
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No		Cooler Temp (°C) Obs'd		Corr'd		Therm ID No	
Relinquished by [Signature]		Company WSP		Date/Time 7-1-25		Received by		Company	
Relinquished by		Company		Date/Time 1010		Received by		Company	
Relinquished by		Company		Date/Time		Received in Laboratory by [Signature]		Company EETA	
								Date/Time 07/01/25 1010	

**Environment Testing
America**

TAL-8210

7/16/2025

Login Sample Receipt Checklist

Client: WSP USA Inc

Job Number: 500-270891-1

Login Number: 270891

List Source: Eurofins Chicago

List Number: 1

Creator: Hernandez, Stephanie

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.8,3.3,2.6
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	