



Illinois Environmental Protection Agency

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

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

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

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

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

I. Source Location Information

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

Project Name: FAP 341 (IL 72) Office Phone Number, if available: _____

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

1711-1719 Sussex Walk and 1587-1591 McCormack Drive (ISGS #3641V-1)

City: Hoffman Estates State: IL Zip Code: 60169

County: Cook Township: Schaumburg

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

Latitude: 42.05443 Longitude: - 88.12112

(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.): 99

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)]:

Locations 3641V-01-B01 and -B02 were sampled within the construction zone adjacent to ISGS #3641V-1 (Residential Buildings). Refer to PSI Report for ISGS #3641V-1 (Residential Buildings) including Table 4-3, and Figure 4-1.

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

See attached data summary table and associated laboratory data package J270096-1 .

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

I, Thomas C. Campbell, P.E. (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: 115 W Washington St. Suite 1270S
City: Indianapolis State: IN Zip Code: 46204
Phone: (317) 972-1706

Thomas C. Campbell, P.E.

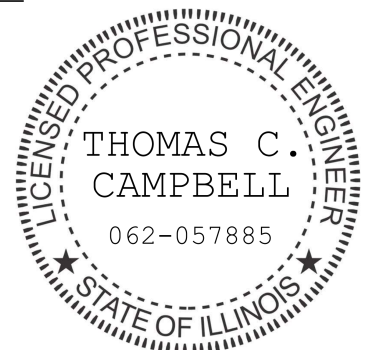
Printed Name:

Thomas C. Campbell

Licensed Professional Engineer or
Licensed Professional Geologist Signature:

12/01/2025

Date:



Expires **11/30/2027**

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

Analytical Data Summary
PTB #196-002; Work Order 57A - IDOT Job # D-91-147-23

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 57A - IDOT Job # D-91-147-23
CONTAMINANTS OF CONCERN

SITE	ISGS #3641V-1 (Huntington Blvd & Residential/Parking Area)			Comparison Criteria					
BORING	3641V-01-B01	3641V-01-B02		MACs			TACO		
SAMPLE	3641V-01-B01 (0-3)	3641V-01-B02 (0-7)	3641V-01-B02 (7-13)	Most Stringent	Within an MSA	Within Chicago	Residential	Construction Worker	SCGIER
MATRIX	Soil	Soil	Soil						
DEPTH (feet)	0-3	0-7	7-13						
pH	7.3	7.2	7.4						
PID (meter units)	--	--	--						
VOCs (mg/kg)									
2-Butanone (MEK)	ND U	ND U	0.0019 J	--	--	--	--	--	--
Acetone	ND U	ND U	0.016	25	--	--	70,000	100,000	--
Methylene Chloride	ND U	ND U	0.0022 J	0.02	--	--	13	34	--
SVOCs (mg/kg)									
Benzo(a)anthracene	0.013 J	0.0083 J	0.010 J	0.9	1.8	11	1.8	170	--
Chrysene	ND U	0.022 J	ND U	88	--	11	88	17,000	--
Fluoranthene	ND U	0.010 J	ND U	3,100	--	28	3,100	82,000	--
Phenanthrene	ND U	0.018 J	ND U	--	--	15	--	--	--
Pyrene	ND U	0.015 J	ND U	2,300	--	18	2,300	61,000	--
Inorganics (mg/kg)									
Antimony	ND U	ND U	0.21 J	5	--	--	31	82	--
Arsenic	10	7.9	11	11.3	13	--	13	61	--
Barium	50	51	48	1,500	--	--	5,500	14,000	--
Beryllium	0.79	0.69	0.67	22	--	--	160	410	--
Boron	19	22	17	40	--	--	16,000	41,000	--
Cadmium	0.11	0.14	0.10 J	5.2	--	--	78	200	--
Chromium	20	20	18	21	--	--	230	690	--
Cobalt	14	16	14	20	--	--	4,700	12,000	--
Copper	27	21	27	2,900	--	--	2,900	8,200	--
Iron	20,000 †m	19,000 †m	21,000 †m	15,000	15,900	--	--	--	--
Lead	18	24	18	107	--	--	400	700	--
Magnesium	22,000	22,000	31,000	325,000	--	--	--	730,000	--
Manganese	320	420	440	630	636	--	1,600	4,100	--
Mercury	0.020	0.018	0.019	0.89	--	--	10	0.1	--
Nickel	37	40	33	100	--	--	1,600	4,100	--
Selenium	0.37 J	ND U	ND U	1.3	--	--	390	1,000	--
Thallium	0.69	ND U	0.39 J	2.6	--	--	6.3	160	--
Vanadium	26	27	23	550	--	--	550	1,400	--
Zinc	71	63	60	5,100	--	--	23,000	61,000	--
TCLP Metals (mg/L)									
Barium	0.32	0.36	0.65	--	--	--	--	--	2
Boron	ND U	0.15 J	ND U	--	--	--	--	--	2
Cadmium	0.0016 J	0.0016 J	0.0016 J	--	--	--	--	--	0.005
Cobalt	ND U	0.0019 J	0.026	--	--	--	--	--	1
Copper	ND U	ND U	0.0054 J	--	--	--	--	--	0.65
Iron	ND U	ND U	ND U	--	--	--	--	--	5
Lead	ND U	ND U	0.0077 L	--	--	--	--	--	0.0075
Manganese	0.61 L	1.1 L	5.8 L	--	--	--	--	--	0.15
Nickel	ND U	0.0075 J	0.049	--	--	--	--	--	0.1
Zinc	ND U	ND U	0.024 J	--	--	--	--	--	5
SPLP Metals (mg/L)									
Lead	NA	NA	0.12 L	--	--	--	--	--	0.0075
Manganese	0.41 L	0.55 L	1.6 L	--	--	--	--	--	0.15

ANALYTICAL REPORT

PREPARED FOR

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

Generated 7/8/2025 5:29:22 PM Revision 1

JOB DESCRIPTION

IDOT - 196-002-WO57A IL 72 Hoffman Estates

JOB NUMBER

500-270096-1

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



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

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Revision 1

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Case Narrative

Client: WSP USA Inc
Project: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Job ID: 500-270096-1

Eurofins Chicago

Job Narrative 500-270096-1

Revision

The report being provided is a revision of the original report sent on 7/2/2025. The report (revision 1) is being revised to include more details on the narrative below for method 8260D..

Receipt

The samples were received on 6/16/2025 2:40 PM. 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 9.9° C, 10.4° C and 12.6° C.

GC/MS VOA

Method 8260D: Internal standard (1,4-Dichlorobenzene-d4) response was outside of acceptance limits for the following sample: 3641V-05-B01 (5-10) (500-270096-5), 3641V-05-B01 (10-15) (500-270096-6), 3641V-05-B02 (0-5) (500-270096-7), 3641V-05-B02 (0-5)D (500-270096-8), 3641V-05-B03 (0-5) (500-270096-10), 3641V-05-B03 (5-10) (500-270096-11), 3641V-05-B04 (0-2) (500-270096-12) and 3641V-09-B01 (0-2) (500-270096-13). The sample did not have detects of requested analytes using this internal standard. Surrogate 4-Bromofluorobenzene is also being quantitated with this internal standard.

Method 8260D: Surrogate recovery for the following samples were outside the upper control limit: 3641V-05-B01 (10-15) (500-270096-6), 3641V-05-B03 (0-5) (500-270096-10), 3641V-05-B03 (5-10) (500-270096-11) and 3641V-05-B04 (0-2) (500-270096-12). This sample did not contain any target analytes above the reporting limit; therefore, re-extraction and/or re-analysis was not performed.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 500-823459 was outside the method criteria for the following analyte(s): 2-hexanone,4-methyl-2-pentanone, acetone, 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 500-823459 recovered outside control limits for the following analytes: Chloromethane. These analytes were biased low in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: Surrogate recovery for the following sample was outside the upper control limit: 3641V-08-B01 (0-2) (500-270096-15). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 500-823604 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 laboratory control sample duplicate (LCSD) for analytical batch 500-823845 recovered outside control limits for the following analytes: Carbon tetrachloride. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.
(LCSD 500-823845/9)

Method 8260D: The following analyte(s) recovered outside control limits for the LCS associated with analytical batch 500-823222: Bromomethane. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.(LCS 500-823222/7)

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 500-823222 was outside the method criteria for the following analyte(s): carbon disulfide, bromomethane. 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.

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 500-823426 was outside the method criteria for the following analyte(s): 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.

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Case Narrative

Client: WSP USA Inc
Project: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Job ID: 500-270096-1 (Continued)

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Method 8270E: The continuing calibration verification (CCV) analyzed in 500-823426 was outside the method criteria for the following analyte(s): 2,2'-oxybis[1-chloropropane], 2-Nitroaniline, 4,6-Dinitro-2-methylphenol, Benzo[b]fluoranthene, Bis(2-chloroethyl)ether, Isophorone, Nitrobenzene, N-Nitrosodi-n-propylamine and Nitrobenzene-d5 (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 continuing calibration verification (CCV) analyzed in 500-823422 was outside the method criteria for the following analyte(s): 2,4-Dinitrophenol. 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 500-823337 and analytical batch 500-823620 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.

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

Metals

Method 6010D: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3641V-01-B02 (0-7) (500-270096-1), 3641V-01-B02 (7-13) (500-270096-2), 3641V-05-B01 (0-5) (500-270096-4), 3641V-05-B01 (5-10) (500-270096-5) and 3641V-05-B02 (0-5) (500-270096-7). Elevated reporting limits (RLs) are provided.

Method 6010D: The method blank for leach batch 822394 contained Ba, Cr, and Se 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 laboratory control sample (LCS) for preparation batch 500-822394 and 500-822646 and analytical batch 500-823557 recovered outside control limits for the following analytes: Zinc. These analytes were biased high in the LCS and were not detected above the reporting limit in the associated samples; therefore, the data have been reported.

Method 6010D: The continuing calibration verification (CCV) associated with batch 500-823557 recovered above the upper control limit for Zinc. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are: 3641V-06-B02 (0-2) (500-270096-16), 3641V-06-B01 (0-2) (500-270096-17), 3641V-04-B02 (0-2) (500-270096-18) and 3641V-04-B01 (0-2) (500-270096-19).

Methods 200.7 Rev 4.4, 6010D: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3641V-05-B02 (5-10) (500-270096-9), 3641V-05-B03 (0-5) (500-270096-10), 3641V-05-B03 (5-10) (500-270096-11), 3641V-05-B04 (0-2) (500-270096-12), 3641V-09-B01 (0-2) (500-270096-13) and 3641V-08-B01 (0-2) (500-270096-15). Elevated reporting limits (RLs) are provided.

Method 6010D: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3641V-05-B02 (5-10) (500-270096-9), 3641V-05-B03 (0-5) (500-270096-10), 3641V-05-B03 (5-10) (500-270096-11), 3641V-05-B04 (0-2) (500-270096-12), 3641V-09-B01 (0-2) (500-270096-13) and 3641V-08-B01 (0-2) (500-270096-15). Elevated reporting limits (RLs) are provided.

Method 6010D: The method blank for preparation batch 500-822697 and analytical batch 500-823785 contained 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: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3641V-01-B02 (0-7) (500-270096-1), 3641V-01-B02 (7-13) (500-270096-2), 3641V-01-B01 (0-3) (500-270096-3), 3641V-05-B01 (0-5) (500-270096-4), 3641V-05-B01 (5-10) (500-270096-5), 3641V-05-B01 (10-15) (500-270096-6), 3641V-06-B02 (0-2) (500-270096-16), 3641V-06-B01 (0-2) (500-270096-17), 3641V-04-B02 (0-2) (500-270096-18), 3641V-04-B01 (0-2) (500-270096-19), (500-270096-D-16-G DU ^5), (500-270096-D-16-H MS ^5), (500-270096-D-16-I MSD ^5) and (500-270096-D-16-F SD ^25). Elevated reporting limits (RLs) are provided.

Method 6010D: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3641V-05-B02 (0-5) (500-270096-7) and 3641V-05-B02 (0-5)D (500-270096-8). Elevated reporting limits (RLs) are provided.

Methods 200.7 Rev 4.4, 6010D: The following sample was diluted to bring the concentration of target analytes within the calibration range: 3641V-10-B01 (0-2) (500-270096-14). Elevated reporting limits (RLs) are provided.

Method 7470A: Lab blank came above reporting limit. Sample #12 of 270096 was a hit and not reported.

Eurofins Chicago

Case Narrative

Client: WSP USA Inc
Project: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Job ID: 500-270096-1 (Continued)

Eurofins Chicago

(LB 500-822250/1-C)

Method 7470A: The filtered lab blank for preparation batch 500-822394 and 500-823094 contained mercury 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 7470A: The method blank for preparation batch 500-822250 and 500-823485 contained Mercury 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.

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 500-822449 and analytical batch 500-822763 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.

Organic Prep

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

Eurofins Chicago

Detection Summary

Client: WSP USA Inc

Job ID: 500-270096-1

Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Client Sample ID: 3641V-01-B02 (0-7)

Lab Sample ID: 500-270096-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Benzo[a]anthracene	0.0083	J	0.036	0.0077	mg/Kg	1	✱		8270E	Total/NA
Chrysene	0.022	J	0.036	0.0096	mg/Kg	1	✱		8270E	Total/NA
Fluoranthene	0.010	J	0.036	0.0084	mg/Kg	1	✱		8270E	Total/NA
Phenanthrene	0.018	J	0.036	0.0079	mg/Kg	1	✱		8270E	Total/NA
Pyrene	0.015	J	0.036	0.0099	mg/Kg	1	✱		8270E	Total/NA
Arsenic	7.9		0.53	0.18	mg/Kg	1	✱		6010D	Total/NA
Barium	51		0.53	0.061	mg/Kg	1	✱		6010D	Total/NA
Beryllium	0.69		0.21	0.050	mg/Kg	1	✱		6010D	Total/NA
Boron	22		2.7	0.25	mg/Kg	1	✱		6010D	Total/NA
Cadmium	0.14		0.11	0.019	mg/Kg	1	✱		6010D	Total/NA
Chromium	20		0.53	0.26	mg/Kg	1	✱		6010D	Total/NA
Cobalt	16		0.27	0.070	mg/Kg	1	✱		6010D	Total/NA
Copper	21		0.53	0.15	mg/Kg	1	✱		6010D	Total/NA
Iron	19000		11	5.5	mg/Kg	1	✱		6010D	Total/NA
Lead	24		1.3	0.61	mg/Kg	5	✱		6010D	Total/NA
Magnesium	22000		5.3	2.6	mg/Kg	1	✱		6010D	Total/NA
Manganese	420		0.53	0.077	mg/Kg	1	✱		6010D	Total/NA
Nickel	40		0.53	0.15	mg/Kg	1	✱		6010D	Total/NA
Vanadium	27		0.27	0.063	mg/Kg	1	✱		6010D	Total/NA
Zinc	63	B	1.1	0.47	mg/Kg	1	✱		6010D	Total/NA
Barium	0.36	B	0.010	0.0012	mg/L	1			6010D	TCLP
Boron	0.15	J	2.5	0.028	mg/L	5			6010D	TCLP
Cadmium	0.0016	J	0.0050	0.00043	mg/L	1			6010D	TCLP
Cobalt	0.0019	J	0.0050	0.00078	mg/L	1			6010D	TCLP
Iron	0.21	J B	0.40	0.082	mg/L	1			6010D	TCLP
Manganese	1.1		0.010	0.0023	mg/L	1			6010D	TCLP
Nickel	0.0075	J	0.010	0.0048	mg/L	1			6010D	TCLP
Selenium	0.0076	J B	0.050	0.0053	mg/L	1			6010D	TCLP
Manganese	0.55		0.010	0.0023	mg/L	1			6010D	SPLP East
Mercury	0.018		0.018	0.0076	mg/Kg	1	✱		7471B	Total/NA
pH	7.2		0.2	0.2	SU	1			9045D	Total/NA

Client Sample ID: 3641V-01-B02 (7-13)

Lab Sample ID: 500-270096-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Acetone	0.016		0.015	0.0064	mg/Kg	1	✱		8260D	Total/NA
2-Butanone (MEK)	0.0019	J	0.0038	0.0017	mg/Kg	1	✱		8260D	Total/NA
Methylene Chloride	0.0022	J	0.0038	0.0016	mg/Kg	1	✱		8260D	Total/NA
Benzo[a]anthracene	0.010	J	0.037	0.0079	mg/Kg	1	✱		8270E	Total/NA
Antimony	0.21	J	1.1	0.21	mg/Kg	1	✱		6010D	Total/NA
Arsenic	11		0.54	0.18	mg/Kg	1	✱		6010D	Total/NA
Barium	48		0.54	0.062	mg/Kg	1	✱		6010D	Total/NA
Beryllium	0.67		0.22	0.050	mg/Kg	1	✱		6010D	Total/NA
Boron	17		2.7	0.25	mg/Kg	1	✱		6010D	Total/NA
Cadmium	0.10	J	0.11	0.019	mg/Kg	1	✱		6010D	Total/NA
Chromium	18	B	0.54	0.27	mg/Kg	1	✱		6010D	Total/NA
Cobalt	14		0.27	0.071	mg/Kg	1	✱		6010D	Total/NA
Copper	27		0.54	0.15	mg/Kg	1	✱		6010D	Total/NA
Iron	21000		11	5.6	mg/Kg	1	✱		6010D	Total/NA
Lead	18		1.3	0.62	mg/Kg	5	✱		6010D	Total/NA
Magnesium	31000		5.4	2.7	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: 500-270096-1

Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Client Sample ID: 3641V-01-B02 (7-13) (Continued)

Lab Sample ID: 500-270096-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Manganese	440		0.54	0.078	mg/Kg	1	✳		6010D	Total/NA
Nickel	33		0.54	0.16	mg/Kg	1	✳		6010D	Total/NA
Thallium	0.39	J	0.54	0.27	mg/Kg	1	✳		6010D	Total/NA
Vanadium	23		0.27	0.064	mg/Kg	1	✳		6010D	Total/NA
Zinc	60		1.1	0.47	mg/Kg	1	✳		6010D	Total/NA
Arsenic	0.0074	J B	0.010	0.0037	mg/L	1			6010D	TCLP
Barium	0.65	B	0.010	0.0012	mg/L	1			6010D	TCLP
Cadmium	0.0016	J	0.0050	0.00043	mg/L	1			6010D	TCLP
Cobalt	0.026		0.0050	0.00078	mg/L	1			6010D	TCLP
Copper	0.0054	J	0.010	0.0018	mg/L	1			6010D	TCLP
Iron	0.15	J B	0.40	0.082	mg/L	1			6010D	TCLP
Lead	0.0077		0.0075	0.0027	mg/L	1			6010D	TCLP
Manganese	5.8		0.010	0.0023	mg/L	1			6010D	TCLP
Nickel	0.049		0.010	0.0048	mg/L	1			6010D	TCLP
Selenium	0.0068	J B	0.050	0.0053	mg/L	1			6010D	TCLP
Zinc	0.024	J	0.50	0.0050	mg/L	1			6010D	TCLP
Lead	0.12		0.0075	0.0027	mg/L	1			6010D	SPLP East
Manganese	1.6		0.010	0.0023	mg/L	1			6010D	SPLP East
Mercury	0.019		0.018	0.0075	mg/Kg	1	✳		7471B	Total/NA
pH	7.4		0.2	0.2	SU	1			9045D	Total/NA

Client Sample ID: 3641V-01-B01 (0-3)

Lab Sample ID: 500-270096-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Benzo[a]anthracene	0.013	J	0.037	0.0079	mg/Kg	1	✳		8270E	Total/NA
Arsenic	10		0.54	0.19	mg/Kg	1	✳		6010D	Total/NA
Barium	50		0.54	0.062	mg/Kg	1	✳		6010D	Total/NA
Beryllium	0.79		0.22	0.051	mg/Kg	1	✳		6010D	Total/NA
Boron	19		2.7	0.25	mg/Kg	1	✳		6010D	Total/NA
Cadmium	0.11		0.11	0.020	mg/Kg	1	✳		6010D	Total/NA
Chromium	20	B	0.54	0.27	mg/Kg	1	✳		6010D	Total/NA
Cobalt	14		0.27	0.071	mg/Kg	1	✳		6010D	Total/NA
Copper	27		0.54	0.15	mg/Kg	1	✳		6010D	Total/NA
Iron	20000		11	5.7	mg/Kg	1	✳		6010D	Total/NA
Lead	18		1.4	0.63	mg/Kg	5	✳		6010D	Total/NA
Magnesium	22000		5.4	2.7	mg/Kg	1	✳		6010D	Total/NA
Manganese	320		0.54	0.079	mg/Kg	1	✳		6010D	Total/NA
Nickel	37		0.54	0.16	mg/Kg	1	✳		6010D	Total/NA
Selenium	0.37	J	0.54	0.32	mg/Kg	1	✳		6010D	Total/NA
Thallium	0.69		0.54	0.27	mg/Kg	1	✳		6010D	Total/NA
Vanadium	26		0.27	0.064	mg/Kg	1	✳		6010D	Total/NA
Zinc	71		1.1	0.48	mg/Kg	1	✳		6010D	Total/NA
Barium	0.32	B	0.010	0.0012	mg/L	1			6010D	TCLP
Cadmium	0.0016	J	0.0050	0.00043	mg/L	1			6010D	TCLP
Iron	0.14	J B	0.40	0.082	mg/L	1			6010D	TCLP
Manganese	0.61		0.010	0.0023	mg/L	1			6010D	TCLP
Selenium	0.0082	J B	0.050	0.0053	mg/L	1			6010D	TCLP
Manganese	0.41		0.010	0.0023	mg/L	1			6010D	SPLP East
Mercury	0.020		0.018	0.0076	mg/Kg	1	✳		7471B	Total/NA
pH	7.3		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: 500-270096-1

Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

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: 500-270096-1

Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-270096-1	3641V-01-B02 (0-7)	Solid	06/16/25 10:45	06/16/25 14:40
500-270096-2	3641V-01-B02 (7-13)	Solid	06/16/25 10:50	06/16/25 14:40
500-270096-3	3641V-01-B01 (0-3)	Solid	06/16/25 11:05	06/16/25 14:40

Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-01-B02 (0-7)

Lab Sample ID: 500-270096-1

Date Collected: 06/16/25 10:45

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.012		0.012	0.0052	mg/Kg	☆	06/16/25 15:43	06/25/25 14:36	1
Benzene	<0.0012		0.0012	0.00039	mg/Kg	☆	06/16/25 15:43	06/25/25 14:36	1
Bromodichloromethane	<0.0012		0.0012	0.00040	mg/Kg	☆	06/16/25 15:43	06/25/25 14:36	1
Bromoform	<0.0012		0.0012	0.00073	mg/Kg	☆	06/16/25 15:43	06/25/25 14:36	1
Bromomethane	<0.0031	*	0.0031	0.0015	mg/Kg	☆	06/16/25 15:43	06/25/25 14:36	1
2-Butanone (MEK)	<0.0031		0.0031	0.0014	mg/Kg	☆	06/16/25 15:43	06/25/25 14:36	1
Carbon disulfide	<0.0031		0.0031	0.00057	mg/Kg	☆	06/16/25 15:43	06/25/25 14:36	1
Carbon tetrachloride	<0.0012		0.0012	0.00042	mg/Kg	☆	06/16/25 15:43	06/25/25 14:36	1
Chlorobenzene	<0.0012		0.0012	0.00052	mg/Kg	☆	06/16/25 15:43	06/25/25 14:36	1
Chloroethane	<0.0031		0.0031	0.0010	mg/Kg	☆	06/16/25 15:43	06/25/25 14:36	1
Chloroform	<0.0012		0.0012	0.00089	mg/Kg	☆	06/16/25 15:43	06/25/25 14:36	1
Chloromethane	<0.0031		0.0031	0.00060	mg/Kg	☆	06/16/25 15:43	06/25/25 14:36	1
cis-1,2-Dichloroethene	<0.0012		0.0012	0.00050	mg/Kg	☆	06/16/25 15:43	06/25/25 14:36	1
cis-1,3-Dichloropropene	<0.0012		0.0012	0.00050	mg/Kg	☆	06/16/25 15:43	06/25/25 14:36	1
Dibromochloromethane	<0.0012		0.0012	0.00058	mg/Kg	☆	06/16/25 15:43	06/25/25 14:36	1
1,2-Dibromo-3-Chloropropane	<0.0031		0.0031	0.0022	mg/Kg	☆	06/16/25 15:43	06/25/25 14:36	1
1,1-Dichloroethane	<0.0012		0.0012	0.00047	mg/Kg	☆	06/16/25 15:43	06/25/25 14:36	1
1,2-Dichloroethane	<0.0031		0.0031	0.00081	mg/Kg	☆	06/16/25 15:43	06/25/25 14:36	1
1,1-Dichloroethene	<0.0012		0.0012	0.00051	mg/Kg	☆	06/16/25 15:43	06/25/25 14:36	1
1,2-Dichloropropane	<0.0012		0.0012	0.00032	mg/Kg	☆	06/16/25 15:43	06/25/25 14:36	1
1,3-Dichloropropene, Total	<0.0012		0.0012	0.00060	mg/Kg	☆	06/16/25 15:43	06/25/25 14:36	1
Ethylbenzene	<0.0012		0.0012	0.00065	mg/Kg	☆	06/16/25 15:43	06/25/25 14:36	1
2-Hexanone	<0.0031		0.0031	0.0019	mg/Kg	☆	06/16/25 15:43	06/25/25 14:36	1
Methylene Chloride	<0.0031		0.0031	0.0013	mg/Kg	☆	06/16/25 15:43	06/25/25 14:36	1
4-Methyl-2-pentanone (MIBK)	<0.0031		0.0031	0.0022	mg/Kg	☆	06/16/25 15:43	06/25/25 14:36	1
Methyl tert-butyl ether	<0.0012		0.0012	0.00040	mg/Kg	☆	06/16/25 15:43	06/25/25 14:36	1
Styrene	<0.0012		0.0012	0.00056	mg/Kg	☆	06/16/25 15:43	06/25/25 14:36	1
1,1,2,2-Tetrachloroethane	<0.0012		0.0012	0.00062	mg/Kg	☆	06/16/25 15:43	06/25/25 14:36	1
Tetrachloroethene	<0.0012		0.0012	0.00070	mg/Kg	☆	06/16/25 15:43	06/25/25 14:36	1
Toluene	<0.0012		0.0012	0.00025	mg/Kg	☆	06/16/25 15:43	06/25/25 14:36	1
trans-1,2-Dichloroethene	<0.0012		0.0012	0.00047	mg/Kg	☆	06/16/25 15:43	06/25/25 14:36	1
trans-1,3-Dichloropropene	<0.0012		0.0012	0.00060	mg/Kg	☆	06/16/25 15:43	06/25/25 14:36	1
1,1,1-Trichloroethane	<0.0012		0.0012	0.00050	mg/Kg	☆	06/16/25 15:43	06/25/25 14:36	1
1,1,2-Trichloroethane	<0.0012		0.0012	0.00047	mg/Kg	☆	06/16/25 15:43	06/25/25 14:36	1
Trichloroethene	<0.0012		0.0012	0.00034	mg/Kg	☆	06/16/25 15:43	06/25/25 14:36	1
Vinyl acetate	<0.0031		0.0031	0.00074	mg/Kg	☆	06/16/25 15:43	06/25/25 14:36	1
Vinyl chloride	<0.0012		0.0012	0.00051	mg/Kg	☆	06/16/25 15:43	06/25/25 14:36	1
Xylenes, Total	<0.0025		0.0025	0.00043	mg/Kg	☆	06/16/25 15:43	06/25/25 14:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		75 - 131	06/16/25 15:43	06/25/25 14:36	1
Dibromofluoromethane	103		75 - 126	06/16/25 15:43	06/25/25 14:36	1
1,2-Dichloroethane-d4 (Surr)	107		70 - 134	06/16/25 15:43	06/25/25 14:36	1
Toluene-d8 (Surr)	99		75 - 124	06/16/25 15:43	06/25/25 14:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.026	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1
1,2-Dichlorobenzene	<0.18		0.18	0.015	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1
1,3-Dichlorobenzene	<0.18		0.18	0.016	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-01-B02 (0-7)

Lab Sample ID: 500-270096-1

Date Collected: 06/16/25 10:45

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.3

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	☆	06/25/25 07:38	06/26/25 19:10	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.026	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1
2,4,5-Trichlorophenol	<0.36		0.36	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1
2,4,6-Trichlorophenol	<0.36		0.36	0.012	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1
2,4-Dichlorophenol	<0.36		0.36	0.013	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1
2,4-Dimethylphenol	<0.36		0.36	0.081	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1
2,4-Dinitrophenol	<0.73		0.73	0.21	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1
2,4-Dinitrotoluene	<0.18		0.18	0.021	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1
2,6-Dinitrotoluene	<0.18		0.18	0.025	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1
2-Chloronaphthalene	<0.18		0.18	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1
2-Chlorophenol	<0.18		0.18	0.012	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1
2-Methylnaphthalene	<0.073		0.073	0.0073	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1
2-Methylphenol	<0.18		0.18	0.019	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1
2-Nitroaniline	<0.18		0.18	0.019	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1
2-Nitrophenol	<0.36		0.36	0.025	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1
3 & 4 Methylphenol	<0.18		0.18	0.027	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.16	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1
3-Nitroaniline	<0.36		0.36	0.016	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1
4,6-Dinitro-2-methylphenol	<0.73		0.73	0.20	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.025	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1
4-Chloro-3-methylphenol	<0.36		0.36	0.030	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1
4-Chloroaniline	<0.73		0.73	0.38	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.047	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1
4-Nitroaniline	<0.36		0.36	0.027	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1
4-Nitrophenol	<0.73		0.73	0.39	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1
Acenaphthene	<0.036		0.036	0.0074	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1
Acenaphthylene	<0.036		0.036	0.0061	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1
Anthracene	<0.036		0.036	0.0074	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1
Benzo[a]anthracene	0.0083 J		0.036	0.0077	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1
Benzo[a]pyrene	<0.036		0.036	0.035	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1
Benzo[b]fluoranthene	<0.036		0.036	0.035	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1
Benzo[g,h,i]perylene	<0.036		0.036	0.016	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1
Benzo[k]fluoranthene	<0.036		0.036	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.14	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1
Butyl benzyl phthalate	<0.18		0.18	0.018	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1
Carbazole	<0.18		0.18	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1
Chrysene	0.022 J		0.036	0.0096	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1
Dibenz(a,h)anthracene	<0.036		0.036	0.036	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1
Dibenzofuran	<0.18		0.18	0.013	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1
Diethyl phthalate	<0.18		0.18	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1
Dimethyl phthalate	<0.18		0.18	0.0079	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1
Di-n-butyl phthalate	<0.18		0.18	0.011	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1
Di-n-octyl phthalate	<0.36		0.36	0.25	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1
Fluoranthene	0.010 J		0.036	0.0084	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1
Fluorene	<0.036		0.036	0.011	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1
Hexachlorobenzene	<0.073		0.073	0.0069	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1
Hexachlorobutadiene	<0.18		0.18	0.020	mg/Kg	☆	06/25/25 07:38	06/26/25 19:10	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-01-B02 (0-7)

Lab Sample ID: 500-270096-1

Date Collected: 06/16/25 10:45

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	<0.73		0.73	0.38	mg/Kg	✱	06/25/25 07:38	06/26/25 19:10	1
Hexachloroethane	<0.18		0.18	0.018	mg/Kg	✱	06/25/25 07:38	06/26/25 19:10	1
Indeno[1,2,3-cd]pyrene	<0.036		0.036	0.035	mg/Kg	✱	06/25/25 07:38	06/26/25 19:10	1
Isophorone	<0.18		0.18	0.019	mg/Kg	✱	06/25/25 07:38	06/26/25 19:10	1
Naphthalene	<0.036		0.036	0.0066	mg/Kg	✱	06/25/25 07:38	06/26/25 19:10	1
Nitrobenzene	<0.036		0.036	0.011	mg/Kg	✱	06/25/25 07:38	06/26/25 19:10	1
N-Nitrosodi-n-propylamine	<0.073		0.073	0.021	mg/Kg	✱	06/25/25 07:38	06/26/25 19:10	1
N-Nitrosodiphenylamine	<0.18		0.18	0.072	mg/Kg	✱	06/25/25 07:38	06/26/25 19:10	1
Pentachlorophenol	<0.73		0.73	0.41	mg/Kg	✱	06/25/25 07:38	06/26/25 19:10	1
Phenanthrene	0.018	J	0.036	0.0079	mg/Kg	✱	06/25/25 07:38	06/26/25 19:10	1
Phenol	<0.18		0.18	0.016	mg/Kg	✱	06/25/25 07:38	06/26/25 19:10	1
Pyrene	0.015	J	0.036	0.0099	mg/Kg	✱	06/25/25 07:38	06/26/25 19:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	76		31 - 166	06/25/25 07:38	06/26/25 19:10	1
Phenol-d5 (Surr)	80		30 - 153	06/25/25 07:38	06/26/25 19:10	1
Nitrobenzene-d5 (Surr)	89		37 - 147	06/25/25 07:38	06/26/25 19:10	1
2-Fluorobiphenyl (Surr)	82		43 - 145	06/25/25 07:38	06/26/25 19:10	1
2,4,6-Tribromophenol (Surr)	75		31 - 143	06/25/25 07:38	06/26/25 19:10	1
Terphenyl-d14 (Surr)	91		42 - 157	06/25/25 07:38	06/26/25 19:10	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.1		1.1	0.21	mg/Kg	✱	06/20/25 16:13	06/27/25 22:36	1
Arsenic	7.9		0.53	0.18	mg/Kg	✱	06/20/25 16:13	06/27/25 22:36	1
Barium	51		0.53	0.061	mg/Kg	✱	06/20/25 16:13	06/27/25 22:36	1
Beryllium	0.69		0.21	0.050	mg/Kg	✱	06/20/25 16:13	06/27/25 22:36	1
Boron	22		2.7	0.25	mg/Kg	✱	06/20/25 16:13	06/27/25 22:36	1
Cadmium	0.14		0.11	0.019	mg/Kg	✱	06/20/25 16:13	06/27/25 22:36	1
Chromium	20		0.53	0.26	mg/Kg	✱	06/20/25 16:13	06/27/25 22:36	1
Cobalt	16		0.27	0.070	mg/Kg	✱	06/20/25 16:13	06/27/25 22:36	1
Copper	21		0.53	0.15	mg/Kg	✱	06/20/25 16:13	06/27/25 22:36	1
Iron	19000		11	5.5	mg/Kg	✱	06/20/25 16:13	06/27/25 22:36	1
Lead	24		1.3	0.61	mg/Kg	✱	06/20/25 16:13	06/30/25 17:35	5
Magnesium	22000		5.3	2.6	mg/Kg	✱	06/20/25 16:13	06/27/25 22:36	1
Manganese	420		0.53	0.077	mg/Kg	✱	06/20/25 16:13	06/27/25 22:36	1
Nickel	40		0.53	0.15	mg/Kg	✱	06/20/25 16:13	06/27/25 22:36	1
Selenium	<0.53		0.53	0.31	mg/Kg	✱	06/20/25 16:13	06/30/25 17:31	1
Silver	<1.3		1.3	0.34	mg/Kg	✱	06/20/25 16:13	06/30/25 17:35	5
Thallium	<0.53		0.53	0.26	mg/Kg	✱	06/20/25 16:13	06/27/25 22:36	1
Vanadium	27		0.27	0.063	mg/Kg	✱	06/20/25 16:13	06/27/25 22:36	1
Zinc	63	B	1.1	0.47	mg/Kg	✱	06/20/25 16:13	06/27/25 22:36	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		06/19/25 15:35	06/20/25 17:10	1
Barium	0.36	B	0.010	0.0012	mg/L		06/19/25 15:35	06/20/25 17:10	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		06/19/25 15:35	06/20/25 17:10	1
Boron	0.15	J	2.5	0.028	mg/L		06/19/25 15:35	06/23/25 23:29	5
Cadmium	0.0016	J	0.0050	0.00043	mg/L		06/19/25 15:35	06/20/25 17:10	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-01-B02 (0-7)

Lab Sample ID: 500-270096-1

Date Collected: 06/16/25 10:45

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.3

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		06/19/25 15:35	06/20/25 17:10	1
Cobalt	0.0019	J	0.0050	0.00078	mg/L		06/19/25 15:35	06/20/25 17:10	1
Copper	<0.010		0.010	0.0018	mg/L		06/19/25 15:35	06/20/25 17:10	1
Iron	0.21	J B	0.40	0.082	mg/L		06/19/25 15:35	06/20/25 17:10	1
Lead	<0.0075		0.0075	0.0027	mg/L		06/19/25 15:35	06/20/25 17:10	1
Manganese	1.1		0.010	0.0023	mg/L		06/19/25 15:35	06/20/25 17:10	1
Nickel	0.0075	J	0.010	0.0048	mg/L		06/19/25 15:35	06/20/25 17:10	1
Selenium	0.0076	J B	0.050	0.0053	mg/L		06/19/25 15:35	06/20/25 17:10	1
Silver	<0.0050		0.0050	0.0015	mg/L		06/19/25 15:35	06/20/25 17:10	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		06/19/25 15:35	06/20/25 17:10	1
Zinc	<0.50		0.50	0.0050	mg/L		06/19/25 15:35	06/20/25 17:10	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		06/19/25 13:59	06/20/25 16:22	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		06/19/25 15:35	06/25/25 12:45	1
Thallium	<0.0020		0.0020	0.0020	mg/L		06/19/25 15:35	06/25/25 12:45	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		06/23/25 11:05	06/24/25 10:53	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.018		0.018	0.0076	mg/Kg	☆	06/27/25 14:00	06/30/25 08:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.25		0.25	0.12	mg/Kg	☆	06/19/25 13:17	06/19/25 16:41	1
pH (SW846 9045D)	7.2		0.2	0.2	SU			06/20/25 13:25	1

Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-01-B02 (7-13)

Lab Sample ID: 500-270096-2

Date Collected: 06/16/25 10:50

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.016		0.015	0.0064	mg/Kg	☆	06/16/25 15:43	06/25/25 15:02	1
Benzene	<0.0015		0.0015	0.00048	mg/Kg	☆	06/16/25 15:43	06/25/25 15:02	1
Bromodichloromethane	<0.0015		0.0015	0.00049	mg/Kg	☆	06/16/25 15:43	06/25/25 15:02	1
Bromoform	<0.0015		0.0015	0.00089	mg/Kg	☆	06/16/25 15:43	06/25/25 15:02	1
Bromomethane	<0.0038	*-	0.0038	0.0019	mg/Kg	☆	06/16/25 15:43	06/25/25 15:02	1
2-Butanone (MEK)	0.0019	J	0.0038	0.0017	mg/Kg	☆	06/16/25 15:43	06/25/25 15:02	1
Carbon disulfide	<0.0038		0.0038	0.00070	mg/Kg	☆	06/16/25 15:43	06/25/25 15:02	1
Carbon tetrachloride	<0.0015		0.0015	0.00052	mg/Kg	☆	06/16/25 15:43	06/25/25 15:02	1
Chlorobenzene	<0.0015		0.0015	0.00064	mg/Kg	☆	06/16/25 15:43	06/25/25 15:02	1
Chloroethane	<0.0038		0.0038	0.0013	mg/Kg	☆	06/16/25 15:43	06/25/25 15:02	1
Chloroform	<0.0015		0.0015	0.0011	mg/Kg	☆	06/16/25 15:43	06/25/25 15:02	1
Chloromethane	<0.0038		0.0038	0.00074	mg/Kg	☆	06/16/25 15:43	06/25/25 15:02	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00062	mg/Kg	☆	06/16/25 15:43	06/25/25 15:02	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00061	mg/Kg	☆	06/16/25 15:43	06/25/25 15:02	1
Dibromochloromethane	<0.0015		0.0015	0.00071	mg/Kg	☆	06/16/25 15:43	06/25/25 15:02	1
1,2-Dibromo-3-Chloropropane	<0.0038		0.0038	0.0027	mg/Kg	☆	06/16/25 15:43	06/25/25 15:02	1
1,1-Dichloroethane	<0.0015		0.0015	0.00057	mg/Kg	☆	06/16/25 15:43	06/25/25 15:02	1
1,2-Dichloroethane	<0.0038		0.0038	0.00099	mg/Kg	☆	06/16/25 15:43	06/25/25 15:02	1
1,1-Dichloroethene	<0.0015		0.0015	0.00063	mg/Kg	☆	06/16/25 15:43	06/25/25 15:02	1
1,2-Dichloropropane	<0.0015		0.0015	0.00039	mg/Kg	☆	06/16/25 15:43	06/25/25 15:02	1
1,3-Dichloropropene, Total	<0.0015		0.0015	0.00073	mg/Kg	☆	06/16/25 15:43	06/25/25 15:02	1
Ethylbenzene	<0.0015		0.0015	0.00080	mg/Kg	☆	06/16/25 15:43	06/25/25 15:02	1
2-Hexanone	<0.0038		0.0038	0.0023	mg/Kg	☆	06/16/25 15:43	06/25/25 15:02	1
Methylene Chloride	0.0022	J	0.0038	0.0016	mg/Kg	☆	06/16/25 15:43	06/25/25 15:02	1
4-Methyl-2-pentanone (MIBK)	<0.0038		0.0038	0.0027	mg/Kg	☆	06/16/25 15:43	06/25/25 15:02	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00049	mg/Kg	☆	06/16/25 15:43	06/25/25 15:02	1
Styrene	<0.0015		0.0015	0.00069	mg/Kg	☆	06/16/25 15:43	06/25/25 15:02	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00076	mg/Kg	☆	06/16/25 15:43	06/25/25 15:02	1
Tetrachloroethene	<0.0015		0.0015	0.00086	mg/Kg	☆	06/16/25 15:43	06/25/25 15:02	1
Toluene	<0.0015		0.0015	0.00031	mg/Kg	☆	06/16/25 15:43	06/25/25 15:02	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00058	mg/Kg	☆	06/16/25 15:43	06/25/25 15:02	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00073	mg/Kg	☆	06/16/25 15:43	06/25/25 15:02	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00062	mg/Kg	☆	06/16/25 15:43	06/25/25 15:02	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00057	mg/Kg	☆	06/16/25 15:43	06/25/25 15:02	1
Trichloroethene	<0.0015		0.0015	0.00041	mg/Kg	☆	06/16/25 15:43	06/25/25 15:02	1
Vinyl acetate	<0.0038		0.0038	0.00091	mg/Kg	☆	06/16/25 15:43	06/25/25 15:02	1
Vinyl chloride	<0.0015		0.0015	0.00062	mg/Kg	☆	06/16/25 15:43	06/25/25 15:02	1
Xylenes, Total	<0.0031		0.0031	0.00052	mg/Kg	☆	06/16/25 15:43	06/25/25 15:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		75 - 131	06/16/25 15:43	06/25/25 15:02	1
Dibromofluoromethane	103		75 - 126	06/16/25 15:43	06/25/25 15:02	1
1,2-Dichloroethane-d4 (Surr)	102		70 - 134	06/16/25 15:43	06/25/25 15:02	1
Toluene-d8 (Surr)	102		75 - 124	06/16/25 15:43	06/25/25 15:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.027	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1
1,2-Dichlorobenzene	<0.19		0.19	0.015	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-01-B02 (7-13)

Lab Sample ID: 500-270096-2

Date Collected: 06/16/25 10:50

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	<0.19		0.19	0.018	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.027	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1
2,4,5-Trichlorophenol	<0.37		0.37	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1
2,4,6-Trichlorophenol	<0.37		0.37	0.013	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1
2,4-Dichlorophenol	<0.37		0.37	0.013	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1
2,4-Dimethylphenol	<0.37		0.37	0.084	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1
2,4-Dinitrophenol	<0.75		0.75	0.22	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1
2,4-Dinitrotoluene	<0.19		0.19	0.021	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1
2,6-Dinitrotoluene	<0.19		0.19	0.026	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1
2-Methylnaphthalene	<0.075		0.075	0.0075	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1
2-Methylphenol	<0.19		0.19	0.020	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1
2-Nitroaniline	<0.19		0.19	0.020	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1
2-Nitrophenol	<0.37		0.37	0.025	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1
3 & 4 Methylphenol	<0.19		0.19	0.027	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.16	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1
3-Nitroaniline	<0.37		0.37	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.21	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.026	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1
4-Chloro-3-methylphenol	<0.37		0.37	0.031	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1
4-Chloroaniline	<0.75		0.75	0.39	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1
4-Nitroaniline	<0.37		0.37	0.028	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1
4-Nitrophenol	<0.75		0.75	0.40	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1
Acenaphthene	<0.037		0.037	0.0076	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1
Acenaphthylene	<0.037		0.037	0.0063	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1
Anthracene	<0.037		0.037	0.0076	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1
Benzo[a]anthracene	0.010 J		0.037	0.0079	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1
Benzo[a]pyrene	<0.037		0.037	0.036	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1
Benzo[b]fluoranthene	<0.037		0.037	0.036	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1
Benzo[g,h,i]perylene	<0.037		0.037	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1
Benzo[k]fluoranthene	<0.037		0.037	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.15	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1
Butyl benzyl phthalate	<0.19		0.19	0.019	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1
Carbazole	<0.19		0.19	0.015	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1
Chrysene	<0.037		0.037	0.0098	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1
Dibenz(a,h)anthracene	<0.037		0.037	0.037	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1
Dibenzofuran	<0.19		0.19	0.013	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1
Diethyl phthalate	<0.19		0.19	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1
Dimethyl phthalate	<0.19		0.19	0.0081	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1
Di-n-octyl phthalate	<0.37		0.37	0.26	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1
Fluoranthene	<0.037		0.037	0.0087	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1
Fluorene	<0.037		0.037	0.011	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1
Hexachlorobenzene	<0.075		0.075	0.0071	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1
Hexachlorobutadiene	<0.19		0.19	0.021	mg/Kg	☆	06/25/25 07:38	06/26/25 12:36	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-01-B02 (7-13)

Lab Sample ID: 500-270096-2

Date Collected: 06/16/25 10:50

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.4

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	0.40	mg/Kg	✱	06/25/25 07:38	06/26/25 12:36	1
Hexachloroethane	<0.19		0.19	0.019	mg/Kg	✱	06/25/25 07:38	06/26/25 12:36	1
Indeno[1,2,3-cd]pyrene	<0.037		0.037	0.036	mg/Kg	✱	06/25/25 07:38	06/26/25 12:36	1
Isophorone	<0.19		0.19	0.019	mg/Kg	✱	06/25/25 07:38	06/26/25 12:36	1
Naphthalene	<0.037		0.037	0.0067	mg/Kg	✱	06/25/25 07:38	06/26/25 12:36	1
Nitrobenzene	<0.037		0.037	0.012	mg/Kg	✱	06/25/25 07:38	06/26/25 12:36	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.021	mg/Kg	✱	06/25/25 07:38	06/26/25 12:36	1
N-Nitrosodiphenylamine	<0.19		0.19	0.074	mg/Kg	✱	06/25/25 07:38	06/26/25 12:36	1
Pentachlorophenol	<0.75		0.75	0.42	mg/Kg	✱	06/25/25 07:38	06/26/25 12:36	1
Phenanthrene	<0.037		0.037	0.0081	mg/Kg	✱	06/25/25 07:38	06/26/25 12:36	1
Phenol	<0.19		0.19	0.016	mg/Kg	✱	06/25/25 07:38	06/26/25 12:36	1
Pyrene	<0.037		0.037	0.010	mg/Kg	✱	06/25/25 07:38	06/26/25 12:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	78		31 - 166	06/25/25 07:38	06/26/25 12:36	1
Phenol-d5 (Surr)	80		30 - 153	06/25/25 07:38	06/26/25 12:36	1
Nitrobenzene-d5 (Surr)	86		37 - 147	06/25/25 07:38	06/26/25 12:36	1
2-Fluorobiphenyl (Surr)	77		43 - 145	06/25/25 07:38	06/26/25 12:36	1
2,4,6-Tribromophenol (Surr)	72		31 - 143	06/25/25 07:38	06/26/25 12:36	1
Terphenyl-d14 (Surr)	77		42 - 157	06/25/25 07:38	06/26/25 12:36	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.21	J	1.1	0.21	mg/Kg	✱	06/23/25 08:59	06/28/25 01:36	1
Arsenic	11		0.54	0.18	mg/Kg	✱	06/23/25 08:59	06/28/25 01:36	1
Barium	48		0.54	0.062	mg/Kg	✱	06/23/25 08:59	06/28/25 01:36	1
Beryllium	0.67		0.22	0.050	mg/Kg	✱	06/23/25 08:59	06/28/25 01:36	1
Boron	17		2.7	0.25	mg/Kg	✱	06/23/25 08:59	06/28/25 01:36	1
Cadmium	0.10	J	0.11	0.019	mg/Kg	✱	06/23/25 08:59	06/28/25 01:36	1
Chromium	18	B	0.54	0.27	mg/Kg	✱	06/23/25 08:59	06/28/25 01:36	1
Cobalt	14		0.27	0.071	mg/Kg	✱	06/23/25 08:59	06/28/25 01:36	1
Copper	27		0.54	0.15	mg/Kg	✱	06/23/25 08:59	06/28/25 01:36	1
Iron	21000		11	5.6	mg/Kg	✱	06/23/25 08:59	06/28/25 01:36	1
Lead	18		1.3	0.62	mg/Kg	✱	06/23/25 08:59	06/30/25 21:20	5
Magnesium	31000		5.4	2.7	mg/Kg	✱	06/23/25 08:59	06/28/25 01:36	1
Manganese	440		0.54	0.078	mg/Kg	✱	06/23/25 08:59	06/28/25 01:36	1
Nickel	33		0.54	0.16	mg/Kg	✱	06/23/25 08:59	06/28/25 01:36	1
Selenium	<0.54		0.54	0.32	mg/Kg	✱	06/23/25 08:59	06/30/25 21:15	1
Silver	<1.3		1.3	0.35	mg/Kg	✱	06/23/25 08:59	06/30/25 21:20	5
Thallium	0.39	J	0.54	0.27	mg/Kg	✱	06/23/25 08:59	06/28/25 01:36	1
Vanadium	23		0.27	0.064	mg/Kg	✱	06/23/25 08:59	06/28/25 01:36	1
Zinc	60		1.1	0.47	mg/Kg	✱	06/23/25 08:59	06/28/25 01:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0074	J B	0.010	0.0037	mg/L		06/19/25 15:35	06/20/25 17:23	1
Barium	0.65	B	0.010	0.0012	mg/L		06/19/25 15:35	06/20/25 17:23	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		06/19/25 15:35	06/20/25 17:23	1
Boron	<2.5		2.5	0.028	mg/L		06/19/25 15:35	06/23/25 23:33	5
Cadmium	0.0016	J	0.0050	0.00043	mg/L		06/19/25 15:35	06/20/25 17:23	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-01-B02 (7-13)

Lab Sample ID: 500-270096-2

Date Collected: 06/16/25 10:50

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.4

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		06/19/25 15:35	06/20/25 17:23	1
Cobalt	0.026		0.0050	0.00078	mg/L		06/19/25 15:35	06/20/25 17:23	1
Copper	0.0054	J	0.010	0.0018	mg/L		06/19/25 15:35	06/20/25 17:23	1
Iron	0.15	J B	0.40	0.082	mg/L		06/19/25 15:35	06/20/25 17:23	1
Lead	0.0077		0.0075	0.0027	mg/L		06/19/25 15:35	06/20/25 17:23	1
Manganese	5.8		0.010	0.0023	mg/L		06/19/25 15:35	06/20/25 17:23	1
Nickel	0.049		0.010	0.0048	mg/L		06/19/25 15:35	06/20/25 17:23	1
Selenium	0.0068	J B	0.050	0.0053	mg/L		06/19/25 15:35	06/20/25 17:23	1
Silver	<0.0050		0.0050	0.0015	mg/L		06/19/25 15:35	06/20/25 17:23	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		06/19/25 15:35	06/20/25 17:23	1
Zinc	0.024	J	0.50	0.0050	mg/L		06/19/25 15:35	06/20/25 17:23	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		06/19/25 13:59	06/20/25 16:26	1
Manganese	1.6		0.010	0.0023	mg/L		06/19/25 13:59	06/20/25 16:26	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		06/19/25 15:35	06/25/25 12:49	1
Thallium	<0.0020		0.0020	0.0020	mg/L		06/19/25 15:35	06/25/25 12:49	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		06/23/25 11:05	06/24/25 10:55	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.019		0.018	0.0075	mg/Kg	☼	06/27/25 14:00	06/30/25 08:26	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	☼	06/19/25 13:17	06/19/25 16:43	1
pH (SW846 9045D)	7.4		0.2	0.2	SU			06/20/25 13:27	1

Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-01-B01 (0-3)

Lab Sample ID: 500-270096-3

Date Collected: 06/16/25 11:05

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 86.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.014		0.014	0.0057	mg/Kg	☆	06/16/25 15:43	06/30/25 12:15	1
Benzene	<0.0014		0.0014	0.00043	mg/Kg	☆	06/16/25 15:43	06/30/25 12:15	1
Bromodichloromethane	<0.0014		0.0014	0.00044	mg/Kg	☆	06/16/25 15:43	06/30/25 12:15	1
Bromoform	<0.0014		0.0014	0.00079	mg/Kg	☆	06/16/25 15:43	06/30/25 12:15	1
Bromomethane	<0.0034		0.0034	0.0017	mg/Kg	☆	06/16/25 15:43	06/30/25 12:15	1
2-Butanone (MEK)	<0.0034		0.0034	0.0015	mg/Kg	☆	06/16/25 15:43	06/30/25 12:15	1
Carbon disulfide	<0.0034		0.0034	0.00063	mg/Kg	☆	06/16/25 15:43	06/30/25 12:15	1
Carbon tetrachloride	<0.0014	*-	0.0014	0.00046	mg/Kg	☆	06/16/25 15:43	06/30/25 12:15	1
Chlorobenzene	<0.0014		0.0014	0.00057	mg/Kg	☆	06/16/25 15:43	06/30/25 12:15	1
Chloroethane	<0.0034		0.0034	0.0011	mg/Kg	☆	06/16/25 15:43	06/30/25 12:15	1
Chloroform	<0.0014		0.0014	0.00098	mg/Kg	☆	06/16/25 15:43	06/30/25 12:15	1
Chloromethane	<0.0034		0.0034	0.00066	mg/Kg	☆	06/16/25 15:43	06/30/25 12:15	1
cis-1,2-Dichloroethene	<0.0014		0.0014	0.00055	mg/Kg	☆	06/16/25 15:43	06/30/25 12:15	1
cis-1,3-Dichloropropene	<0.0014		0.0014	0.00054	mg/Kg	☆	06/16/25 15:43	06/30/25 12:15	1
Dibromochloromethane	<0.0014		0.0014	0.00063	mg/Kg	☆	06/16/25 15:43	06/30/25 12:15	1
1,2-Dibromo-3-Chloropropane	<0.0034		0.0034	0.0024	mg/Kg	☆	06/16/25 15:43	06/30/25 12:15	1
1,1-Dichloroethane	<0.0014		0.0014	0.00051	mg/Kg	☆	06/16/25 15:43	06/30/25 12:15	1
1,2-Dichloroethane	<0.0034		0.0034	0.00088	mg/Kg	☆	06/16/25 15:43	06/30/25 12:15	1
1,1-Dichloroethene	<0.0014		0.0014	0.00056	mg/Kg	☆	06/16/25 15:43	06/30/25 12:15	1
1,2-Dichloropropane	<0.0014		0.0014	0.00035	mg/Kg	☆	06/16/25 15:43	06/30/25 12:15	1
1,3-Dichloropropene, Total	<0.0014		0.0014	0.00065	mg/Kg	☆	06/16/25 15:43	06/30/25 12:15	1
Ethylbenzene	<0.0014		0.0014	0.00071	mg/Kg	☆	06/16/25 15:43	06/30/25 12:15	1
2-Hexanone	<0.0034		0.0034	0.0021	mg/Kg	☆	06/16/25 15:43	06/30/25 12:15	1
Methylene Chloride	<0.0034		0.0034	0.0015	mg/Kg	☆	06/16/25 15:43	06/30/25 12:15	1
4-Methyl-2-pentanone (MIBK)	<0.0034		0.0034	0.0024	mg/Kg	☆	06/16/25 15:43	06/30/25 12:15	1
Methyl tert-butyl ether	<0.0014		0.0014	0.00044	mg/Kg	☆	06/16/25 15:43	06/30/25 12:15	1
Styrene	<0.0014		0.0014	0.00061	mg/Kg	☆	06/16/25 15:43	06/30/25 12:15	1
1,1,2,2-Tetrachloroethane	<0.0014		0.0014	0.00067	mg/Kg	☆	06/16/25 15:43	06/30/25 12:15	1
Tetrachloroethene	<0.0014		0.0014	0.00076	mg/Kg	☆	06/16/25 15:43	06/30/25 12:15	1
Toluene	<0.0014		0.0014	0.00027	mg/Kg	☆	06/16/25 15:43	06/30/25 12:15	1
trans-1,2-Dichloroethene	<0.0014		0.0014	0.00051	mg/Kg	☆	06/16/25 15:43	06/30/25 12:15	1
trans-1,3-Dichloropropene	<0.0014		0.0014	0.00065	mg/Kg	☆	06/16/25 15:43	06/30/25 12:15	1
1,1,1-Trichloroethane	<0.0014		0.0014	0.00055	mg/Kg	☆	06/16/25 15:43	06/30/25 12:15	1
1,1,2-Trichloroethane	<0.0014		0.0014	0.00051	mg/Kg	☆	06/16/25 15:43	06/30/25 12:15	1
Trichloroethene	<0.0014		0.0014	0.00037	mg/Kg	☆	06/16/25 15:43	06/30/25 12:15	1
Vinyl acetate	<0.0034		0.0034	0.00081	mg/Kg	☆	06/16/25 15:43	06/30/25 12:15	1
Vinyl chloride	<0.0014		0.0014	0.00055	mg/Kg	☆	06/16/25 15:43	06/30/25 12:15	1
Xylenes, Total	<0.0027		0.0027	0.00047	mg/Kg	☆	06/16/25 15:43	06/30/25 12:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		75 - 131	06/16/25 15:43	06/30/25 12:15	1
Dibromofluoromethane	102		75 - 126	06/16/25 15:43	06/30/25 12:15	1
1,2-Dichloroethane-d4 (Surr)	105		70 - 134	06/16/25 15:43	06/30/25 12:15	1
Toluene-d8 (Surr)	105		75 - 124	06/16/25 15:43	06/30/25 12:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.027	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1
1,2-Dichlorobenzene	<0.19		0.19	0.015	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1

Eurofins Chicago

Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-01-B01 (0-3)

Lab Sample ID: 500-270096-3

Date Collected: 06/16/25 11:05

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 86.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	<0.19		0.19	0.018	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.027	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1
2,4,5-Trichlorophenol	<0.37		0.37	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1
2,4,6-Trichlorophenol	<0.37		0.37	0.013	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1
2,4-Dichlorophenol	<0.37		0.37	0.013	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1
2,4-Dimethylphenol	<0.37		0.37	0.083	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1
2,4-Dinitrophenol	<0.75		0.75	0.22	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1
2,4-Dinitrotoluene	<0.19		0.19	0.021	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1
2,6-Dinitrotoluene	<0.19		0.19	0.026	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1
2-Methylnaphthalene	<0.075		0.075	0.0075	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1
2-Methylphenol	<0.19		0.19	0.020	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1
2-Nitroaniline	<0.19		0.19	0.020	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1
2-Nitrophenol	<0.37		0.37	0.025	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1
3 & 4 Methylphenol	<0.19		0.19	0.027	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.16	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1
3-Nitroaniline	<0.37		0.37	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.21	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.026	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1
4-Chloro-3-methylphenol	<0.37		0.37	0.031	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1
4-Chloroaniline	<0.75		0.75	0.39	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1
4-Nitroaniline	<0.37		0.37	0.028	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1
4-Nitrophenol	<0.75		0.75	0.40	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1
Acenaphthene	<0.037		0.037	0.0076	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1
Acenaphthylene	<0.037		0.037	0.0063	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1
Anthracene	<0.037		0.037	0.0076	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1
Benzo[a]anthracene	0.013 J		0.037	0.0079	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1
Benzo[a]pyrene	<0.037		0.037	0.036	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1
Benzo[b]fluoranthene	<0.037		0.037	0.036	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1
Benzo[g,h,i]perylene	<0.037		0.037	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1
Benzo[k]fluoranthene	<0.037		0.037	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.15	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1
Butyl benzyl phthalate	<0.19		0.19	0.019	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1
Carbazole	<0.19		0.19	0.015	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1
Chrysene	<0.037		0.037	0.0098	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1
Dibenz(a,h)anthracene	<0.037		0.037	0.037	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1
Dibenzofuran	<0.19		0.19	0.013	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1
Diethyl phthalate	<0.19		0.19	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1
Dimethyl phthalate	<0.19		0.19	0.0081	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1
Di-n-octyl phthalate	<0.37		0.37	0.26	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1
Fluoranthene	<0.037		0.037	0.0087	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1
Fluorene	<0.037		0.037	0.011	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1
Hexachlorobenzene	<0.075		0.075	0.0071	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1
Hexachlorobutadiene	<0.19		0.19	0.021	mg/Kg	☆	06/25/25 07:38	06/26/25 17:32	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-01-B01 (0-3)

Lab Sample ID: 500-270096-3

Date Collected: 06/16/25 11:05

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 86.4

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	0.40	mg/Kg	✱	06/25/25 07:38	06/26/25 17:32	1
Hexachloroethane	<0.19		0.19	0.019	mg/Kg	✱	06/25/25 07:38	06/26/25 17:32	1
Indeno[1,2,3-cd]pyrene	<0.037		0.037	0.036	mg/Kg	✱	06/25/25 07:38	06/26/25 17:32	1
Isophorone	<0.19		0.19	0.019	mg/Kg	✱	06/25/25 07:38	06/26/25 17:32	1
Naphthalene	<0.037		0.037	0.0067	mg/Kg	✱	06/25/25 07:38	06/26/25 17:32	1
Nitrobenzene	<0.037		0.037	0.012	mg/Kg	✱	06/25/25 07:38	06/26/25 17:32	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.021	mg/Kg	✱	06/25/25 07:38	06/26/25 17:32	1
N-Nitrosodiphenylamine	<0.19		0.19	0.074	mg/Kg	✱	06/25/25 07:38	06/26/25 17:32	1
Pentachlorophenol	<0.75		0.75	0.42	mg/Kg	✱	06/25/25 07:38	06/26/25 17:32	1
Phenanthrene	<0.037		0.037	0.0081	mg/Kg	✱	06/25/25 07:38	06/26/25 17:32	1
Phenol	<0.19		0.19	0.016	mg/Kg	✱	06/25/25 07:38	06/26/25 17:32	1
Pyrene	<0.037		0.037	0.010	mg/Kg	✱	06/25/25 07:38	06/26/25 17:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	74		31 - 166	06/25/25 07:38	06/26/25 17:32	1
Phenol-d5 (Surr)	77		30 - 153	06/25/25 07:38	06/26/25 17:32	1
Nitrobenzene-d5 (Surr)	88		37 - 147	06/25/25 07:38	06/26/25 17:32	1
2-Fluorobiphenyl (Surr)	78		43 - 145	06/25/25 07:38	06/26/25 17:32	1
2,4,6-Tribromophenol (Surr)	73		31 - 143	06/25/25 07:38	06/26/25 17:32	1
Terphenyl-d14 (Surr)	88		42 - 157	06/25/25 07:38	06/26/25 17:32	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.1		1.1	0.21	mg/Kg	✱	06/23/25 08:59	06/28/25 01:40	1
Arsenic	10		0.54	0.19	mg/Kg	✱	06/23/25 08:59	06/28/25 01:40	1
Barium	50		0.54	0.062	mg/Kg	✱	06/23/25 08:59	06/28/25 01:40	1
Beryllium	0.79		0.22	0.051	mg/Kg	✱	06/23/25 08:59	06/28/25 01:40	1
Boron	19		2.7	0.25	mg/Kg	✱	06/23/25 08:59	06/28/25 01:40	1
Cadmium	0.11		0.11	0.020	mg/Kg	✱	06/23/25 08:59	06/28/25 01:40	1
Chromium	20	B	0.54	0.27	mg/Kg	✱	06/23/25 08:59	06/28/25 01:40	1
Cobalt	14		0.27	0.071	mg/Kg	✱	06/23/25 08:59	06/28/25 01:40	1
Copper	27		0.54	0.15	mg/Kg	✱	06/23/25 08:59	06/28/25 01:40	1
Iron	20000		11	5.7	mg/Kg	✱	06/23/25 08:59	06/28/25 01:40	1
Lead	18		1.4	0.63	mg/Kg	✱	06/23/25 08:59	06/30/25 21:28	5
Magnesium	22000		5.4	2.7	mg/Kg	✱	06/23/25 08:59	06/28/25 01:40	1
Manganese	320		0.54	0.079	mg/Kg	✱	06/23/25 08:59	06/28/25 01:40	1
Nickel	37		0.54	0.16	mg/Kg	✱	06/23/25 08:59	06/28/25 01:40	1
Selenium	0.37	J	0.54	0.32	mg/Kg	✱	06/23/25 08:59	06/30/25 21:24	1
Silver	<1.4		1.4	0.35	mg/Kg	✱	06/23/25 08:59	06/30/25 21:28	5
Thallium	0.69		0.54	0.27	mg/Kg	✱	06/23/25 08:59	06/28/25 01:40	1
Vanadium	26		0.27	0.064	mg/Kg	✱	06/23/25 08:59	06/28/25 01:40	1
Zinc	71		1.1	0.48	mg/Kg	✱	06/23/25 08:59	06/28/25 01:40	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		06/19/25 15:35	06/20/25 17:28	1
Barium	0.32	B	0.010	0.0012	mg/L		06/19/25 15:35	06/20/25 17:28	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		06/19/25 15:35	06/20/25 17:28	1
Boron	<0.50		0.50	0.0056	mg/L		06/19/25 15:35	06/20/25 17:28	1
Cadmium	0.0016	J	0.0050	0.00043	mg/L		06/19/25 15:35	06/20/25 17:28	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-01-B01 (0-3)

Lab Sample ID: 500-270096-3

Date Collected: 06/16/25 11:05

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 86.4

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		06/19/25 15:35	06/20/25 17:28	1
Cobalt	<0.0050		0.0050	0.00078	mg/L		06/19/25 15:35	06/20/25 17:28	1
Copper	<0.010		0.010	0.0018	mg/L		06/19/25 15:35	06/20/25 17:28	1
Iron	0.14	J B	0.40	0.082	mg/L		06/19/25 15:35	06/20/25 17:28	1
Lead	<0.0075		0.0075	0.0027	mg/L		06/19/25 15:35	06/20/25 17:28	1
Manganese	0.61		0.010	0.0023	mg/L		06/19/25 15:35	06/20/25 17:28	1
Nickel	<0.010		0.010	0.0048	mg/L		06/19/25 15:35	06/20/25 17:28	1
Selenium	0.0082	J B	0.050	0.0053	mg/L		06/19/25 15:35	06/20/25 17:28	1
Silver	<0.0050		0.0050	0.0015	mg/L		06/19/25 15:35	06/20/25 17:28	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		06/19/25 15:35	06/20/25 17:28	1
Zinc	<0.50		0.50	0.0050	mg/L		06/19/25 15:35	06/20/25 17:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	0.41		0.010	0.0023	mg/L		06/19/25 13:59	06/20/25 16:31	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		06/19/25 15:35	06/25/25 12:53	1
Thallium	<0.0020		0.0020	0.0020	mg/L		06/19/25 15:35	06/25/25 12:53	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		06/23/25 11:05	06/24/25 10:57	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.020		0.018	0.0076	mg/Kg	☆	06/27/25 14:00	06/30/25 08:28	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	☆	06/19/25 13:17	06/19/25 16:44	1
pH (SW846 9045D)	7.3		0.2	0.2	SU			06/20/25 13:30	1

Definitions/Glossary

Client: WSP USA Inc

Job ID: 500-270096-1

Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

Metals

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
F3	Duplicate RPD exceeds the control limit
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
L	A negative instrument reading had an absolute value greater than the reporting limit

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD 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

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Definitions/Glossary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Glossary (Continued)

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

QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

GC/MS VOA

Prep Batch: 823131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	5035	
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	5035	
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	5035	
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	5035	
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	5035	
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	5035	
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	5035	
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	5035	
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	5035	
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	5035	
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	5035	
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	5035	
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	5035	
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	5035	
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	5035	
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	5035	
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	5035	
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	5035	
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	5035	

Analysis Batch: 823222

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	8260D	823131
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	8260D	823131
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	8260D	823131
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	8260D	823131
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	8260D	823131
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	8260D	823131
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	8260D	823131
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	8260D	823131
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	8260D	823131
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	8260D	823131
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	8260D	823131
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	8260D	823131
MB 500-823222/5	Method Blank	Total/NA	Solid	8260D	
LCS 500-823222/7	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 500-823222/8	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 823459

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	8260D	823131
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	8260D	823131
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	8260D	823131
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	8260D	823131
MB 500-823459/6	Method Blank	Total/NA	Solid	8260D	
LCS 500-823459/2	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 500-823459/3	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 823604

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	8260D	823131

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

GC/MS VOA (Continued)

Analysis Batch: 823604 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	8260D	823131
MB 500-823604/7	Method Blank	Total/NA	Solid	8260D	
LCS 500-823604/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 500-823604/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 823845

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	8260D	823131
MB 500-823845/8	Method Blank	Total/NA	Solid	8260D	
LCS 500-823845/6	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 500-823845/9	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS Semi VOA

Prep Batch: 823218

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	3546	
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	3546	
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	3546	
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	3546	
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	3546	
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	3546	
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	3546	
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	3546	
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	3546	
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	3546	
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	3546	
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	3546	
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	3546	
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	3546	
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	3546	
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	3546	
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	3546	
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	3546	
MB 500-823218/1-A	Method Blank	Total/NA	Solid	3546	
LCS 500-823218/2-A	Lab Control Sample	Total/NA	Solid	3546	

Prep Batch: 823337

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	3546	
MB 500-823337/1-A	Method Blank	Total/NA	Solid	3546	
LCS 500-823337/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 823422

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	8270E	823337
LCS 500-823337/2-A	Lab Control Sample	Total/NA	Solid	8270E	823337

Analysis Batch: 823426

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	8270E	823218

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QC Association Summary

Client: WSP USA Inc

Job ID: 500-270096-1

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GC/MS Semi VOA (Continued)

Analysis Batch: 823426 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	8270E	823218
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	8270E	823218
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	8270E	823218
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	8270E	823218
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	8270E	823218
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	8270E	823218
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	8270E	823218
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	8270E	823218
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	8270E	823218
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	8270E	823218
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	8270E	823218
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	8270E	823218
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	8270E	823218
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	8270E	823218
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	8270E	823218
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	8270E	823218
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	8270E	823218
MB 500-823218/1-A	Method Blank	Total/NA	Solid	8270E	823218
LCS 500-823218/2-A	Lab Control Sample	Total/NA	Solid	8270E	823218

Analysis Batch: 823620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-823337/1-A	Method Blank	Total/NA	Solid	8270E	823337

Metals

Leach Batch: 822250

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	TCLP	Solid	1311	
500-270096-2	3641V-01-B02 (7-13)	TCLP	Solid	1311	
500-270096-3	3641V-01-B01 (0-3)	TCLP	Solid	1311	
500-270096-4	3641V-05-B01 (0-5)	TCLP	Solid	1311	
500-270096-5	3641V-05-B01 (5-10)	TCLP	Solid	1311	
500-270096-6	3641V-05-B01 (10-15)	TCLP	Solid	1311	
500-270096-7	3641V-05-B02 (0-5)	TCLP	Solid	1311	
500-270096-8	3641V-05-B02 (0-5)D	TCLP	Solid	1311	
500-270096-9	3641V-05-B02 (5-10)	TCLP	Solid	1311	
500-270096-10	3641V-05-B03 (0-5)	TCLP	Solid	1311	
500-270096-11	3641V-05-B03 (5-10)	TCLP	Solid	1311	
500-270096-12	3641V-05-B04 (0-2)	TCLP	Solid	1311	
500-270096-13	3641V-09-B01 (0-2)	TCLP	Solid	1311	
500-270096-14	3641V-10-B01 (0-2)	TCLP	Solid	1311	
LB 500-822250/1-B	Method Blank	TCLP	Solid	1311	
LB 500-822250/1-C	Method Blank	TCLP	Solid	1311	
LB 500-822250/1-D	Method Blank	TCLP	Solid	1311	

Leach Batch: 822251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	SPLP East	Solid	1312	
500-270096-2	3641V-01-B02 (7-13)	SPLP East	Solid	1312	
500-270096-3	3641V-01-B01 (0-3)	SPLP East	Solid	1312	

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QC Association Summary

Client: WSP USA Inc
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Job ID: 500-270096-1

Metals (Continued)

Leach Batch: 822251 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-4	3641V-05-B01 (0-5)	SPLP East	Solid	1312	
500-270096-5	3641V-05-B01 (5-10)	SPLP East	Solid	1312	
500-270096-6	3641V-05-B01 (10-15)	SPLP East	Solid	1312	
500-270096-7	3641V-05-B02 (0-5)	SPLP East	Solid	1312	
500-270096-8	3641V-05-B02 (0-5)D	SPLP East	Solid	1312	
500-270096-9	3641V-05-B02 (5-10)	SPLP East	Solid	1312	
500-270096-10	3641V-05-B03 (0-5)	SPLP East	Solid	1312	
500-270096-11	3641V-05-B03 (5-10)	SPLP East	Solid	1312	
500-270096-12	3641V-05-B04 (0-2)	SPLP East	Solid	1312	
500-270096-13	3641V-09-B01 (0-2)	SPLP East	Solid	1312	
500-270096-14	3641V-10-B01 (0-2)	SPLP East	Solid	1312	
LB 500-822251/1-B	Method Blank	SPLP East	Solid	1312	

Leach Batch: 822394

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	TCLP	Solid	1311	
500-270096-16	3641V-06-B02 (0-2)	TCLP	Solid	1311	
500-270096-17	3641V-06-B01 (0-2)	TCLP	Solid	1311	
500-270096-18	3641V-04-B02 (0-2)	TCLP	Solid	1311	
500-270096-19	3641V-04-B01 (0-2)	TCLP	Solid	1311	
LB 500-822394/1-B	Method Blank	TCLP	Solid	1311	
LB 500-822394/1-C	Method Blank	TCLP	Solid	1311	

Leach Batch: 822412

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	SPLP East	Solid	1312	
500-270096-16	3641V-06-B02 (0-2)	SPLP East	Solid	1312	
500-270096-17	3641V-06-B01 (0-2)	SPLP East	Solid	1312	
500-270096-18	3641V-04-B02 (0-2)	SPLP East	Solid	1312	
500-270096-19	3641V-04-B01 (0-2)	SPLP East	Solid	1312	
LB 500-822412/1-B	Method Blank	SPLP East	Solid	1312	
500-270096-15 MS	3641V-08-B01 (0-2)	SPLP East	Solid	1312	
500-270096-15 DU	3641V-08-B01 (0-2)	SPLP East	Solid	1312	

Prep Batch: 822485

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	SPLP East	Solid	3010A	822251
500-270096-2	3641V-01-B02 (7-13)	SPLP East	Solid	3010A	822251
500-270096-3	3641V-01-B01 (0-3)	SPLP East	Solid	3010A	822251
500-270096-4	3641V-05-B01 (0-5)	SPLP East	Solid	3010A	822251
500-270096-5	3641V-05-B01 (5-10)	SPLP East	Solid	3010A	822251
500-270096-6	3641V-05-B01 (10-15)	SPLP East	Solid	3010A	822251
500-270096-7	3641V-05-B02 (0-5)	SPLP East	Solid	3010A	822251
500-270096-8	3641V-05-B02 (0-5)D	SPLP East	Solid	3010A	822251
500-270096-9	3641V-05-B02 (5-10)	SPLP East	Solid	3010A	822251
500-270096-10	3641V-05-B03 (0-5)	SPLP East	Solid	3010A	822251
500-270096-11	3641V-05-B03 (5-10)	SPLP East	Solid	3010A	822251
500-270096-12	3641V-05-B04 (0-2)	SPLP East	Solid	3010A	822251
500-270096-13	3641V-09-B01 (0-2)	SPLP East	Solid	3010A	822251
500-270096-14	3641V-10-B01 (0-2)	SPLP East	Solid	3010A	822251
LB 500-822251/1-B	Method Blank	SPLP East	Solid	3010A	822251

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QC Association Summary

Client: WSP USA Inc

Job ID: 500-270096-1

Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Metals (Continued)

Prep Batch: 822485 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-822485/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Prep Batch: 822509

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	TCLP	Solid	3010A	822250
500-270096-2	3641V-01-B02 (7-13)	TCLP	Solid	3010A	822250
500-270096-3	3641V-01-B01 (0-3)	TCLP	Solid	3010A	822250
500-270096-4	3641V-05-B01 (0-5)	TCLP	Solid	3010A	822250
500-270096-5	3641V-05-B01 (5-10)	TCLP	Solid	3010A	822250
500-270096-6	3641V-05-B01 (10-15)	TCLP	Solid	3010A	822250
500-270096-7	3641V-05-B02 (0-5)	TCLP	Solid	3010A	822250
500-270096-8	3641V-05-B02 (0-5)D	TCLP	Solid	3010A	822250
500-270096-9	3641V-05-B02 (5-10)	TCLP	Solid	3010A	822250
500-270096-10	3641V-05-B03 (0-5)	TCLP	Solid	3010A	822250
500-270096-11	3641V-05-B03 (5-10)	TCLP	Solid	3010A	822250
500-270096-12	3641V-05-B04 (0-2)	TCLP	Solid	3010A	822250
500-270096-13	3641V-09-B01 (0-2)	TCLP	Solid	3010A	822250
500-270096-14	3641V-10-B01 (0-2)	TCLP	Solid	3010A	822250
LB 500-822250/1-B	Method Blank	TCLP	Solid	3010A	822250
LCS 500-822509/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Prep Batch: 822645

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	SPLP East	Solid	3010A	822412
500-270096-16	3641V-06-B02 (0-2)	SPLP East	Solid	3010A	822412
500-270096-17	3641V-06-B01 (0-2)	SPLP East	Solid	3010A	822412
500-270096-18	3641V-04-B02 (0-2)	SPLP East	Solid	3010A	822412
500-270096-19	3641V-04-B01 (0-2)	SPLP East	Solid	3010A	822412
LB 500-822412/1-B	Method Blank	SPLP East	Solid	3010A	822412
LCS 500-822645/2-A	Lab Control Sample	Total/NA	Solid	3010A	
500-270096-15 MS	3641V-08-B01 (0-2)	SPLP East	Solid	3010A	822412
500-270096-15 DU	3641V-08-B01 (0-2)	SPLP East	Solid	3010A	822412

Prep Batch: 822646

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	TCLP	Solid	3010A	822394
500-270096-16	3641V-06-B02 (0-2)	TCLP	Solid	3010A	822394
500-270096-17	3641V-06-B01 (0-2)	TCLP	Solid	3010A	822394
500-270096-18	3641V-04-B02 (0-2)	TCLP	Solid	3010A	822394
500-270096-19	3641V-04-B01 (0-2)	TCLP	Solid	3010A	822394
LB 500-822394/1-B	Method Blank	TCLP	Solid	3010A	822394
LCS 500-822646/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Prep Batch: 822696

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	3050B	
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	3050B	
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	3050B	
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	3050B	
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	3050B	
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	3050B	

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QC Association Summary

Client: WSP USA Inc
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Job ID: 500-270096-1

Metals (Continued)

Prep Batch: 822696 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	3050B	
MB 500-822696/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-822696/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 822697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	3050B	
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	3050B	
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	3050B	
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	3050B	
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	3050B	
MB 500-822697/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-822697/2-A	Lab Control Sample	Total/NA	Solid	3050B	
500-270096-16 MS	3641V-06-B02 (0-2)	Total/NA	Solid	3050B	
500-270096-16 MSD	3641V-06-B02 (0-2)	Total/NA	Solid	3050B	
500-270096-16 DU	3641V-06-B02 (0-2)	Total/NA	Solid	3050B	

Analysis Batch: 822771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	TCLP	Solid	6010D	822509
500-270096-2	3641V-01-B02 (7-13)	TCLP	Solid	6010D	822509
500-270096-3	3641V-01-B01 (0-3)	TCLP	Solid	6010D	822509
500-270096-4	3641V-05-B01 (0-5)	TCLP	Solid	6010D	822509
500-270096-5	3641V-05-B01 (5-10)	TCLP	Solid	6010D	822509
500-270096-6	3641V-05-B01 (10-15)	TCLP	Solid	6010D	822509
500-270096-7	3641V-05-B02 (0-5)	TCLP	Solid	6010D	822509
500-270096-8	3641V-05-B02 (0-5)D	TCLP	Solid	6010D	822509
500-270096-9	3641V-05-B02 (5-10)	TCLP	Solid	6010D	822509
500-270096-10	3641V-05-B03 (0-5)	TCLP	Solid	6010D	822509
500-270096-11	3641V-05-B03 (5-10)	TCLP	Solid	6010D	822509
500-270096-12	3641V-05-B04 (0-2)	TCLP	Solid	6010D	822509
500-270096-13	3641V-09-B01 (0-2)	TCLP	Solid	6010D	822509
500-270096-14	3641V-10-B01 (0-2)	TCLP	Solid	6010D	822509
LB 500-822250/1-B	Method Blank	TCLP	Solid	6010D	822509
LCS 500-822509/2-A	Lab Control Sample	Total/NA	Solid	6010D	822509

Analysis Batch: 822772

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	SPLP East	Solid	6010D	822485
500-270096-2	3641V-01-B02 (7-13)	SPLP East	Solid	6010D	822485
500-270096-3	3641V-01-B01 (0-3)	SPLP East	Solid	6010D	822485
500-270096-4	3641V-05-B01 (0-5)	SPLP East	Solid	6010D	822485
500-270096-5	3641V-05-B01 (5-10)	SPLP East	Solid	6010D	822485
500-270096-6	3641V-05-B01 (10-15)	SPLP East	Solid	6010D	822485
500-270096-7	3641V-05-B02 (0-5)	SPLP East	Solid	6010D	822485
500-270096-8	3641V-05-B02 (0-5)D	SPLP East	Solid	6010D	822485
500-270096-9	3641V-05-B02 (5-10)	SPLP East	Solid	6010D	822485
500-270096-10	3641V-05-B03 (0-5)	SPLP East	Solid	6010D	822485
500-270096-11	3641V-05-B03 (5-10)	SPLP East	Solid	6010D	822485
500-270096-12	3641V-05-B04 (0-2)	SPLP East	Solid	6010D	822485
500-270096-13	3641V-09-B01 (0-2)	SPLP East	Solid	6010D	822485

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Client: WSP USA Inc

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Metals (Continued)

Analysis Batch: 822772 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-14	3641V-10-B01 (0-2)	SPLP East	Solid	6010D	822485
LB 500-822251/1-B	Method Blank	SPLP East	Solid	6010D	822485
LCS 500-822485/2-A	Lab Control Sample	Total/NA	Solid	6010D	822485

Prep Batch: 822848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	3050B	
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	3050B	
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	3050B	
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	3050B	
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	3050B	
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	3050B	
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	3050B	
MB 500-822848/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-822848/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 822891

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	TCLP	Solid	7470A	822250
500-270096-2	3641V-01-B02 (7-13)	TCLP	Solid	7470A	822250
500-270096-3	3641V-01-B01 (0-3)	TCLP	Solid	7470A	822250
500-270096-4	3641V-05-B01 (0-5)	TCLP	Solid	7470A	822250
500-270096-5	3641V-05-B01 (5-10)	TCLP	Solid	7470A	822250
500-270096-6	3641V-05-B01 (10-15)	TCLP	Solid	7470A	822250
500-270096-7	3641V-05-B02 (0-5)	TCLP	Solid	7470A	822250
500-270096-8	3641V-05-B02 (0-5)D	TCLP	Solid	7470A	822250
500-270096-9	3641V-05-B02 (5-10)	TCLP	Solid	7470A	822250
500-270096-10	3641V-05-B03 (0-5)	TCLP	Solid	7470A	822250
500-270096-11	3641V-05-B03 (5-10)	TCLP	Solid	7470A	822250
500-270096-13	3641V-09-B01 (0-2)	TCLP	Solid	7470A	822250
500-270096-14	3641V-10-B01 (0-2)	TCLP	Solid	7470A	822250
LB 500-822250/1-C	Method Blank	TCLP	Solid	7470A	822250
MB 500-822891/12-A	Method Blank	Total/NA	Solid	7470A	
LCS 500-822891/14-A	Lab Control Sample	Total/NA	Solid	7470A	

Analysis Batch: 823048

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	TCLP	Solid	6010D	822509
500-270096-2	3641V-01-B02 (7-13)	TCLP	Solid	6010D	822509
500-270096-4	3641V-05-B01 (0-5)	TCLP	Solid	6010D	822509
500-270096-5	3641V-05-B01 (5-10)	TCLP	Solid	6010D	822509
500-270096-7	3641V-05-B02 (0-5)	TCLP	Solid	6010D	822509
LB 500-822412/1-B	Method Blank	SPLP East	Solid	6010D	822645
LCS 500-822645/2-A	Lab Control Sample	Total/NA	Solid	6010D	822645
500-270096-15 MS	3641V-08-B01 (0-2)	SPLP East	Solid	6010D	822645
500-270096-15 DU	3641V-08-B01 (0-2)	SPLP East	Solid	6010D	822645

Prep Batch: 823094

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	TCLP	Solid	7470A	822394
500-270096-16	3641V-06-B02 (0-2)	TCLP	Solid	7470A	822394

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QC Association Summary

Client: WSP USA Inc
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Job ID: 500-270096-1

Metals (Continued)

Prep Batch: 823094 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-17	3641V-06-B01 (0-2)	TCLP	Solid	7470A	822394
500-270096-18	3641V-04-B02 (0-2)	TCLP	Solid	7470A	822394
500-270096-19	3641V-04-B01 (0-2)	TCLP	Solid	7470A	822394
LB 500-822394/1-C	Method Blank	TCLP	Solid	7470A	822394
MB 500-823094/12-A	Method Blank	Total/NA	Solid	7470A	
LCS 500-823094/14-A	Lab Control Sample	Total/NA	Solid	7470A	

Analysis Batch: 823110

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	TCLP	Solid	7470A	822891
500-270096-2	3641V-01-B02 (7-13)	TCLP	Solid	7470A	822891
500-270096-3	3641V-01-B01 (0-3)	TCLP	Solid	7470A	822891
500-270096-4	3641V-05-B01 (0-5)	TCLP	Solid	7470A	822891
500-270096-5	3641V-05-B01 (5-10)	TCLP	Solid	7470A	822891
500-270096-6	3641V-05-B01 (10-15)	TCLP	Solid	7470A	822891
500-270096-7	3641V-05-B02 (0-5)	TCLP	Solid	7470A	822891
500-270096-8	3641V-05-B02 (0-5)D	TCLP	Solid	7470A	822891
500-270096-9	3641V-05-B02 (5-10)	TCLP	Solid	7470A	822891
500-270096-10	3641V-05-B03 (0-5)	TCLP	Solid	7470A	822891
500-270096-11	3641V-05-B03 (5-10)	TCLP	Solid	7470A	822891
500-270096-13	3641V-09-B01 (0-2)	TCLP	Solid	7470A	822891
500-270096-14	3641V-10-B01 (0-2)	TCLP	Solid	7470A	822891
LB 500-822250/1-C	Method Blank	TCLP	Solid	7470A	822891
MB 500-822891/12-A	Method Blank	Total/NA	Solid	7470A	822891
LCS 500-822891/14-A	Lab Control Sample	Total/NA	Solid	7470A	822891

Analysis Batch: 823301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	TCLP	Solid	7470A	823094
500-270096-16	3641V-06-B02 (0-2)	TCLP	Solid	7470A	823094
500-270096-17	3641V-06-B01 (0-2)	TCLP	Solid	7470A	823094
500-270096-18	3641V-04-B02 (0-2)	TCLP	Solid	7470A	823094
500-270096-19	3641V-04-B01 (0-2)	TCLP	Solid	7470A	823094
LB 500-822394/1-C	Method Blank	TCLP	Solid	7470A	823094
MB 500-823094/12-A	Method Blank	Total/NA	Solid	7470A	823094
LCS 500-823094/14-A	Lab Control Sample	Total/NA	Solid	7470A	823094

Analysis Batch: 823349

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	TCLP	Solid	6020B	822509
500-270096-2	3641V-01-B02 (7-13)	TCLP	Solid	6020B	822509
500-270096-3	3641V-01-B01 (0-3)	TCLP	Solid	6020B	822509
500-270096-4	3641V-05-B01 (0-5)	TCLP	Solid	6020B	822509
500-270096-5	3641V-05-B01 (5-10)	TCLP	Solid	6020B	822509
500-270096-6	3641V-05-B01 (10-15)	TCLP	Solid	6020B	822509
500-270096-7	3641V-05-B02 (0-5)	TCLP	Solid	6020B	822509
500-270096-8	3641V-05-B02 (0-5)D	TCLP	Solid	6020B	822509
500-270096-9	3641V-05-B02 (5-10)	TCLP	Solid	6020B	822509
500-270096-10	3641V-05-B03 (0-5)	TCLP	Solid	6020B	822509
500-270096-11	3641V-05-B03 (5-10)	TCLP	Solid	6020B	822509
500-270096-12	3641V-05-B04 (0-2)	TCLP	Solid	6020B	822509

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QC Association Summary

Client: WSP USA Inc
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Job ID: 500-270096-1

Metals (Continued)

Analysis Batch: 823349 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-13	3641V-09-B01 (0-2)	TCLP	Solid	6020B	822509
500-270096-14	3641V-10-B01 (0-2)	TCLP	Solid	6020B	822509
500-270096-15	3641V-08-B01 (0-2)	TCLP	Solid	6020B	822646
500-270096-16	3641V-06-B02 (0-2)	TCLP	Solid	6020B	822646
500-270096-17	3641V-06-B01 (0-2)	TCLP	Solid	6020B	822646
500-270096-18	3641V-04-B02 (0-2)	TCLP	Solid	6020B	822646
500-270096-19	3641V-04-B01 (0-2)	TCLP	Solid	6020B	822646
LB 500-822250/1-B	Method Blank	TCLP	Solid	6020B	822509
LB 500-822394/1-B	Method Blank	TCLP	Solid	6020B	822646
LCS 500-822509/2-A	Lab Control Sample	Total/NA	Solid	6020B	822509
LCS 500-822646/2-A	Lab Control Sample	Total/NA	Solid	6020B	822646

Analysis Batch: 823443

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	6010D	822696
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	6010D	822696
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	6010D	822696
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	6010D	822696
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	6010D	822696
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	6010D	822696
500-270096-15	3641V-08-B01 (0-2)	TCLP	Solid	6010D	822646
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	6010D	822696
500-270096-16	3641V-06-B02 (0-2)	TCLP	Solid	6010D	822646
500-270096-17	3641V-06-B01 (0-2)	TCLP	Solid	6010D	822646
500-270096-18	3641V-04-B02 (0-2)	TCLP	Solid	6010D	822646
500-270096-19	3641V-04-B01 (0-2)	TCLP	Solid	6010D	822646
LB 500-822394/1-B	Method Blank	TCLP	Solid	6010D	822646
MB 500-822696/1-A	Method Blank	Total/NA	Solid	6010D	822696
LCS 500-822646/2-A	Lab Control Sample	Total/NA	Solid	6010D	822646
LCS 500-822696/2-A	Lab Control Sample	Total/NA	Solid	6010D	822696

Prep Batch: 823485

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-12	3641V-05-B04 (0-2)	TCLP	Solid	7470A	822250
LB 500-822250/1-D	Method Blank	TCLP	Solid	7470A	822250
MB 500-823485/12-A	Method Blank	Total/NA	Solid	7470A	
LCS 500-823485/14-A	Lab Control Sample	Total/NA	Solid	7470A	

Analysis Batch: 823557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	TCLP	Solid	6010D	822646
500-270096-16	3641V-06-B02 (0-2)	TCLP	Solid	6010D	822646
500-270096-17	3641V-06-B01 (0-2)	TCLP	Solid	6010D	822646
500-270096-18	3641V-04-B02 (0-2)	TCLP	Solid	6010D	822646
500-270096-19	3641V-04-B01 (0-2)	TCLP	Solid	6010D	822646
LB 500-822394/1-B	Method Blank	TCLP	Solid	6010D	822646
LCS 500-822646/2-A	Lab Control Sample	Total/NA	Solid	6010D	822646

Prep Batch: 823672

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	7471B	

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Client: WSP USA Inc
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Job ID: 500-270096-1

Metals (Continued)

Prep Batch: 823672 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	7471B	
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	7471B	
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	7471B	
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	7471B	
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	7471B	
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	7471B	
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	7471B	
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	7471B	
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	7471B	
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	7471B	
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	7471B	
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	7471B	
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	7471B	
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	7471B	
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	7471B	
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	7471B	
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	7471B	
MB 500-823672/12-A	Method Blank	Total/NA	Solid	7471B	
LCS 500-823672/13-A	Lab Control Sample	Total/NA	Solid	7471B	
500-270096-9 MS	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	
500-270096-9 MSD	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	
500-270096-9 DU	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	

Analysis Batch: 823684

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-12	3641V-05-B04 (0-2)	TCLP	Solid	7470A	823485
LB 500-822250/1-D	Method Blank	TCLP	Solid	7470A	823485
MB 500-823485/12-A	Method Blank	Total/NA	Solid	7470A	823485
LCS 500-823485/14-A	Lab Control Sample	Total/NA	Solid	7470A	823485

Analysis Batch: 823757

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	6010D	822696
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	6010D	822696
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	6010D	822696
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	6010D	822696
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	6010D	822696
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	6010D	822696
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	6010D	822696
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	6010D	822696
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	6010D	822696
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	6010D	822696
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	6010D	822696
MB 500-822696/1-A	Method Blank	Total/NA	Solid	6010D	822696
LCS 500-822696/2-A	Lab Control Sample	Total/NA	Solid	6010D	822696

Analysis Batch: 823767

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	6010D	822696
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	6010D	822696

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Client: WSP USA Inc
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Job ID: 500-270096-1

Metals (Continued)

Analysis Batch: 823767 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	6010D	822696
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	6010D	822696
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	6010D	822696
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	6010D	822696
MB 500-822696/1-A	Method Blank	Total/NA	Solid	6010D	822696
LCS 500-822696/2-A	Lab Control Sample	Total/NA	Solid	6010D	822696

Analysis Batch: 823785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	6010D	822697
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	6010D	822848
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	6010D	822848
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	6010D	822848
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	6010D	822848
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	6010D	822848
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	6010D	822848
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	6010D	822848
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	6010D	822697
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	6010D	822697
MB 500-822697/1-A	Method Blank	Total/NA	Solid	6010D	822697
LCS 500-822697/2-A	Lab Control Sample	Total/NA	Solid	6010D	822697
500-270096-16 MS	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16 MSD	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16 DU	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697

Analysis Batch: 823885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	7471B	823672
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	7471B	823672
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	7471B	823672
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	7471B	823672
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	7471B	823672
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	7471B	823672
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	7471B	823672
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	7471B	823672
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	823672
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	7471B	823672
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	7471B	823672
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	7471B	823672
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	7471B	823672
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	7471B	823672
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	7471B	823672
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	7471B	823672
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	7471B	823672
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	7471B	823672
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	7471B	823672
MB 500-823672/12-A	Method Blank	Total/NA	Solid	7471B	823672
LCS 500-823672/13-A	Lab Control Sample	Total/NA	Solid	7471B	823672
500-270096-9 MS	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	823672

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QC Association Summary

Client: WSP USA Inc

Job ID: 500-270096-1

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Metals (Continued)

Analysis Batch: 823885 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-9 MSD	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	823672
500-270096-9 DU	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	823672

Analysis Batch: 823996

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	6010D	822697
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	6010D	822697
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	6010D	822848
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	6010D	822848
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	6010D	822848
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	6010D	822848
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	6010D	822848
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	6010D	822848
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	6010D	822848
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	6010D	822848
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	6010D	822848
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	6010D	822848
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	6010D	822848
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	6010D	822848
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	6010D	822697
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	6010D	822697
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	6010D	822697
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	6010D	822697
MB 500-822697/1-A	Method Blank	Total/NA	Solid	6010D	822697
MB 500-822848/1-A	Method Blank	Total/NA	Solid	6010D	822848
LCS 500-822697/2-A	Lab Control Sample	Total/NA	Solid	6010D	822697
LCS 500-822848/2-A	Lab Control Sample	Total/NA	Solid	6010D	822848
500-270096-16 MS	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16 MS	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16 MSD	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16 MSD	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16 DU	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16 DU	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697

Analysis Batch: 823997

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	SPLP East	Solid	6010D	822645
500-270096-16	3641V-06-B02 (0-2)	SPLP East	Solid	6010D	822645
500-270096-17	3641V-06-B01 (0-2)	SPLP East	Solid	6010D	822645
500-270096-18	3641V-04-B02 (0-2)	SPLP East	Solid	6010D	822645
500-270096-19	3641V-04-B01 (0-2)	SPLP East	Solid	6010D	822645
LB 500-822412/1-B	Method Blank	SPLP East	Solid	6010D	822645
LCS 500-822645/2-A	Lab Control Sample	Total/NA	Solid	6010D	822645
500-270096-15 MS	3641V-08-B01 (0-2)	SPLP East	Solid	6010D	822645
500-270096-15 DU	3641V-08-B01 (0-2)	SPLP East	Solid	6010D	822645

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Metals

Analysis Batch: 824132

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	6010D	822848
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	6010D	822848

Analysis Batch: 824227

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	6010D	822696

General Chemistry

Analysis Batch: 822216

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	Moisture	
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	Moisture	
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	Moisture	
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	Moisture	
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	Moisture	
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	Moisture	
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	Moisture	
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	Moisture	
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	Moisture	
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	Moisture	
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	Moisture	
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	Moisture	
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	Moisture	
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	Moisture	
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	Moisture	
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	Moisture	
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	Moisture	

Analysis Batch: 822310

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	Moisture	
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	Moisture	
500-270096-13 DU	3641V-09-B01 (0-2)	Total/NA	Solid	Moisture	

Prep Batch: 822449

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	9010C	
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	9010C	
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	9010C	
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	9010C	
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	9010C	
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	9010C	
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	9010C	
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	9010C	
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	9010C	
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	9010C	
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	9010C	
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	9010C	
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	9010C	
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	9010C	

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

General Chemistry (Continued)

Prep Batch: 822449 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	9010C	
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	9010C	
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	9010C	
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	9010C	
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	9010C	
MB 500-822449/1-A	Method Blank	Total/NA	Solid	9010C	
LCS 500-822449/2-A	Lab Control Sample	Total/NA	Solid	9010C	
500-270096-1 MS	3641V-01-B02 (0-7)	Total/NA	Solid	9010C	
500-270096-1 MSD	3641V-01-B02 (0-7)	Total/NA	Solid	9010C	
500-270096-15 MS	3641V-08-B01 (0-2)	Total/NA	Solid	9010C	
500-270096-15 MSD	3641V-08-B01 (0-2)	Total/NA	Solid	9010C	

Analysis Batch: 822679

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	9045D	
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	9045D	
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	9045D	
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	9045D	
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	9045D	
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	9045D	
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	9045D	
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	9045D	
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	9045D	
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	9045D	
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	9045D	
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	9045D	
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	9045D	
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	9045D	
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	9045D	
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	9045D	
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	9045D	
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	9045D	
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	9045D	
LCS 500-822679/2	Lab Control Sample	Total/NA	Solid	9045D	
LCSD 500-822679/3	Lab Control Sample Dup	Total/NA	Solid	9045D	
500-270096-14 DU	3641V-10-B01 (0-2)	Total/NA	Solid	9045D	

Analysis Batch: 822763

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	9012B	822449
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	9012B	822449
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	9012B	822449
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	9012B	822449
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	9012B	822449
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	9012B	822449
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	9012B	822449
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	9012B	822449
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	9012B	822449
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	9012B	822449
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	9012B	822449
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	9012B	822449

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

General Chemistry (Continued)

Analysis Batch: 822763 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	9012B	822449
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	9012B	822449
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	9012B	822449
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	9012B	822449
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	9012B	822449
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	9012B	822449
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	9012B	822449
MB 500-822449/1-A	Method Blank	Total/NA	Solid	9012B	822449
LCS 500-822449/2-A	Lab Control Sample	Total/NA	Solid	9012B	822449
500-270096-1 MS	3641V-01-B02 (0-7)	Total/NA	Solid	9012B	822449
500-270096-1 MSD	3641V-01-B02 (0-7)	Total/NA	Solid	9012B	822449
500-270096-15 MS	3641V-08-B01 (0-2)	Total/NA	Solid	9012B	822449
500-270096-15 MSD	3641V-08-B01 (0-2)	Total/NA	Solid	9012B	822449

Analysis Batch: 822833

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-822833/2	Lab Control Sample	Total/NA	Solid	9045D	
LCSD 500-822833/3	Lab Control Sample Dup	Total/NA	Solid	9045D	
500-270096-14 DU	3641V-10-B01 (0-2)	Total/NA	Solid	9045D	

Surrogate Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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)
500-270096-1	3641V-01-B02 (0-7)	103	103	107	99
500-270096-2	3641V-01-B02 (7-13)	104	103	102	102
500-270096-3	3641V-01-B01 (0-3)	107	102	105	105
500-270096-4	3641V-05-B01 (0-5)	108	106	103	105
500-270096-5	3641V-05-B01 (5-10)	128 *3	108	107	111
500-270096-6	3641V-05-B01 (10-15)	129 *3	107	99	126 S1+ *3
500-270096-7	3641V-05-B02 (0-5)	113 *3	106	110	105
500-270096-8	3641V-05-B02 (0-5)D	120 *3	108	111	106
500-270096-9	3641V-05-B02 (5-10)	127	98	93	111
500-270096-10	3641V-05-B03 (0-5)	141 S1+ *3	108	109	128 S1+ *3
500-270096-11	3641V-05-B03 (5-10)	143 S1+ *3	105	100	135 S1+ *3
500-270096-12	3641V-05-B04 (0-2)	141 S1+ *3	114	115	129 S1+ *3
500-270096-13	3641V-09-B01 (0-2)	131 *3	103	107	118
500-270096-14	3641V-10-B01 (0-2)	114	101	102	107
500-270096-15	3641V-08-B01 (0-2)	153 S1+	99	98	118
500-270096-16	3641V-06-B02 (0-2)	114	98	102	106
500-270096-17	3641V-06-B01 (0-2)	113	95	99	107
500-270096-18	3641V-04-B02 (0-2)	119	98	98	107
500-270096-19	3641V-04-B01 (0-2)	115	97	99	108
LCS 500-823222/7	Lab Control Sample	98	99	98	98
LCS 500-823459/2	Lab Control Sample	111	95	89	107
LCS 500-823604/4	Lab Control Sample	114	95	92	106
LCS 500-823845/6	Lab Control Sample	98	98	99	102
LCSD 500-823222/8	Lab Control Sample Dup	99	98	96	101
LCSD 500-823459/3	Lab Control Sample Dup	113	96	90	108
LCSD 500-823604/5	Lab Control Sample Dup	114	95	90	108
LCSD 500-823845/9	Lab Control Sample Dup	102	99	101	107
MB 500-823222/5	Method Blank	100	107	107	99
MB 500-823459/6	Method Blank	113	95	90	107
MB 500-823604/7	Method Blank	114	93	92	106
MB 500-823845/8	Method Blank	100	100	100	103

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)
500-270096-1	3641V-01-B02 (0-7)	76	80	89	82	75	91
500-270096-2	3641V-01-B02 (7-13)	78	80	86	77	72	77
500-270096-3	3641V-01-B01 (0-3)	74	77	88	78	73	88

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Surrogate Summary

Client: WSP USA Inc

Job ID: 500-270096-1

Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

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)
500-270096-4	3641V-05-B01 (0-5)	64	63	65	67	64	82
500-270096-5	3641V-05-B01 (5-10)	80	85	95	82	81	99
500-270096-6	3641V-05-B01 (10-15)	76	77	88	79	71	98
500-270096-7	3641V-05-B02 (0-5)	79	84	93	84	84	97
500-270096-8	3641V-05-B02 (0-5)D	79	84	91	82	81	98
500-270096-9	3641V-05-B02 (5-10)	81	85	97	86	54	86
500-270096-10	3641V-05-B03 (0-5)	79	86	94	88	85	97
500-270096-11	3641V-05-B03 (5-10)	66	71	78	69	55	85
500-270096-12	3641V-05-B04 (0-2)	74	80	88	82	80	93
500-270096-13	3641V-09-B01 (0-2)	80	84	94	84	79	94
500-270096-14	3641V-10-B01 (0-2)	91	94	108	95	87	102
500-270096-15	3641V-08-B01 (0-2)	81	85	96	87	75	96
500-270096-16	3641V-06-B02 (0-2)	83	88	99	90	87	98
500-270096-17	3641V-06-B01 (0-2)	82	86	94	88	84	95
500-270096-18	3641V-04-B02 (0-2)	68	77	82	78	86	98
500-270096-19	3641V-04-B01 (0-2)	68	74	79	73	85	101
LCS 500-823218/2-A	Lab Control Sample	79	80	94	83	91	95
LCS 500-823337/2-A	Lab Control Sample	76	75	76	84	83	91
MB 500-823218/1-A	Method Blank	86	89	101	86	86	96
MB 500-823337/1-A	Method Blank	83	80	80	86	76	100

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-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-823222/5

Matrix: Solid

Analysis Batch: 823222

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			06/25/25 09:32	1
Benzene	<0.0020		0.0020	0.00063	mg/Kg			06/25/25 09:32	1
Bromodichloromethane	<0.0020		0.0020	0.00064	mg/Kg			06/25/25 09:32	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg			06/25/25 09:32	1
Bromomethane	<0.0050		0.0050	0.0025	mg/Kg			06/25/25 09:32	1
2-Butanone (MEK)	<0.0050		0.0050	0.0022	mg/Kg			06/25/25 09:32	1
Carbon disulfide	<0.0050		0.0050	0.00092	mg/Kg			06/25/25 09:32	1
Carbon tetrachloride	<0.0020		0.0020	0.00068	mg/Kg			06/25/25 09:32	1
Chlorobenzene	<0.0020		0.0020	0.00084	mg/Kg			06/25/25 09:32	1
Chloroethane	<0.0050		0.0050	0.0016	mg/Kg			06/25/25 09:32	1
Chloroform	<0.0020		0.0020	0.0014	mg/Kg			06/25/25 09:32	1
Chloromethane	<0.0050		0.0050	0.00097	mg/Kg			06/25/25 09:32	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00081	mg/Kg			06/25/25 09:32	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00080	mg/Kg			06/25/25 09:32	1
Dibromochloromethane	<0.0020		0.0020	0.00093	mg/Kg			06/25/25 09:32	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0035	mg/Kg			06/25/25 09:32	1
1,1-Dichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/25/25 09:32	1
1,2-Dichloroethane	<0.0050		0.0050	0.0013	mg/Kg			06/25/25 09:32	1
1,1-Dichloroethene	<0.0020		0.0020	0.00082	mg/Kg			06/25/25 09:32	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg			06/25/25 09:32	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00096	mg/Kg			06/25/25 09:32	1
Ethylbenzene	<0.0020		0.0020	0.0011	mg/Kg			06/25/25 09:32	1
2-Hexanone	<0.0050		0.0050	0.0030	mg/Kg			06/25/25 09:32	1
Methylene Chloride	<0.0050		0.0050	0.0021	mg/Kg			06/25/25 09:32	1
4-Methyl-2-pentanone (MIBK)	<0.0050		0.0050	0.0036	mg/Kg			06/25/25 09:32	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00065	mg/Kg			06/25/25 09:32	1
Styrene	<0.0020		0.0020	0.00090	mg/Kg			06/25/25 09:32	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00099	mg/Kg			06/25/25 09:32	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg			06/25/25 09:32	1
Toluene	<0.0020		0.0020	0.00040	mg/Kg			06/25/25 09:32	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00076	mg/Kg			06/25/25 09:32	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00096	mg/Kg			06/25/25 09:32	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00081	mg/Kg			06/25/25 09:32	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/25/25 09:32	1
Trichloroethene	<0.0020		0.0020	0.00054	mg/Kg			06/25/25 09:32	1
Vinyl acetate	<0.0050		0.0050	0.0012	mg/Kg			06/25/25 09:32	1
Vinyl chloride	<0.0020		0.0020	0.00082	mg/Kg			06/25/25 09:32	1
Xylenes, Total	<0.0040		0.0040	0.00069	mg/Kg			06/25/25 09:32	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		75 - 131		06/25/25 09:32	1
Dibromofluoromethane	107		75 - 126		06/25/25 09:32	1
1,2-Dichloroethane-d4 (Surr)	107		70 - 134		06/25/25 09:32	1
Toluene-d8 (Surr)	99		75 - 124		06/25/25 09:32	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823222/7

Matrix: Solid

Analysis Batch: 823222

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	0.0428		mg/Kg		86	40 - 150
Benzene	0.0500	0.0483		mg/Kg		97	70 - 125
Bromodichloromethane	0.0500	0.0487		mg/Kg		97	67 - 129
Bromoform	0.0500	0.0454		mg/Kg		91	68 - 136
Bromomethane	0.0500	0.0347	*-	mg/Kg		69	70 - 130
2-Butanone (MEK)	0.0500	0.0411		mg/Kg		82	47 - 138
Carbon disulfide	0.0500	0.0557		mg/Kg		111	70 - 129
Carbon tetrachloride	0.0500	0.0523		mg/Kg		105	75 - 125
Chlorobenzene	0.0500	0.0465		mg/Kg		93	50 - 150
Chloroethane	0.0500	0.0470		mg/Kg		94	75 - 125
Chloroform	0.0500	0.0463		mg/Kg		93	57 - 135
Chloromethane	0.0500	0.0518		mg/Kg		104	70 - 125
cis-1,2-Dichloroethene	0.0500	0.0484		mg/Kg		97	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0484		mg/Kg		97	70 - 125
Dibromochloromethane	0.0500	0.0420		mg/Kg		84	69 - 125
1,2-Dibromo-3-Chloropropane	0.0500	0.0449		mg/Kg		90	60 - 136
1,1-Dichloroethane	0.0500	0.0488		mg/Kg		98	70 - 125
1,2-Dichloroethane	0.0500	0.0466		mg/Kg		93	70 - 130
1,1-Dichloroethene	0.0500	0.0524		mg/Kg		105	70 - 120
1,2-Dichloropropane	0.0500	0.0465		mg/Kg		93	70 - 125
Ethylbenzene	0.0500	0.0473		mg/Kg		95	61 - 136
2-Hexanone	0.0500	0.0394		mg/Kg		79	48 - 146
Methylene Chloride	0.0500	0.0456		mg/Kg		91	70 - 126
4-Methyl-2-pentanone (MIBK)	0.0500	0.0400		mg/Kg		80	50 - 148
Methyl tert-butyl ether	0.0500	0.0472		mg/Kg		94	50 - 140
Styrene	0.0500	0.0479		mg/Kg		96	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0456		mg/Kg		91	70 - 122
Tetrachloroethene	0.0500	0.0494		mg/Kg		99	70 - 124
Toluene	0.0500	0.0472		mg/Kg		94	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0502		mg/Kg		100	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0486		mg/Kg		97	70 - 125
1,1,1-Trichloroethane	0.0500	0.0495		mg/Kg		99	70 - 128
1,1,2-Trichloroethane	0.0500	0.0467		mg/Kg		93	70 - 125
Trichloroethene	0.0500	0.0499		mg/Kg		100	70 - 125
Vinyl acetate	0.0500	0.0506		mg/Kg		101	40 - 153
Vinyl chloride	0.0500	0.0582		mg/Kg		116	70 - 125
Xylenes, Total	0.100	0.0917		mg/Kg		92	53 - 147

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	98		75 - 131
Dibromofluoromethane	99		75 - 126
1,2-Dichloroethane-d4 (Surr)	98		70 - 134
Toluene-d8 (Surr)	98		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCSD 500-823222/8

Matrix: Solid

Analysis Batch: 823222

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	0.0438		mg/Kg		88	40 - 150	2	30
Benzene	0.0500	0.0493		mg/Kg		99	70 - 125	2	30
Bromodichloromethane	0.0500	0.0502		mg/Kg		100	67 - 129	3	30
Bromoform	0.0500	0.0507		mg/Kg		101	68 - 136	11	30
Bromomethane	0.0500	0.0348		mg/Kg		70	70 - 130	0	30
2-Butanone (MEK)	0.0500	0.0410		mg/Kg		82	47 - 138	0	30
Carbon disulfide	0.0500	0.0563		mg/Kg		113	70 - 129	1	30
Carbon tetrachloride	0.0500	0.0540		mg/Kg		108	75 - 125	3	30
Chlorobenzene	0.0500	0.0484		mg/Kg		97	50 - 150	4	30
Chloroethane	0.0500	0.0415		mg/Kg		83	75 - 125	12	30
Chloroform	0.0500	0.0475		mg/Kg		95	57 - 135	2	30
Chloromethane	0.0500	0.0515		mg/Kg		103	70 - 125	1	30
cis-1,2-Dichloroethene	0.0500	0.0503		mg/Kg		101	70 - 125	4	30
cis-1,3-Dichloropropene	0.0500	0.0512		mg/Kg		102	70 - 125	6	30
Dibromochloromethane	0.0500	0.0444		mg/Kg		89	69 - 125	6	30
1,2-Dibromo-3-Chloropropane	0.0500	0.0475		mg/Kg		95	60 - 136	6	30
1,1-Dichloroethane	0.0500	0.0493		mg/Kg		99	70 - 125	1	30
1,2-Dichloroethane	0.0500	0.0481		mg/Kg		96	70 - 130	3	30
1,1-Dichloroethene	0.0500	0.0522		mg/Kg		104	70 - 120	0	30
1,2-Dichloropropane	0.0500	0.0482		mg/Kg		96	70 - 125	3	30
Ethylbenzene	0.0500	0.0485		mg/Kg		97	61 - 136	2	30
2-Hexanone	0.0500	0.0421		mg/Kg		84	48 - 146	7	30
Methylene Chloride	0.0500	0.0451		mg/Kg		90	70 - 126	1	30
4-Methyl-2-pentanone (MIBK)	0.0500	0.0425		mg/Kg		85	50 - 148	6	30
Methyl tert-butyl ether	0.0500	0.0495		mg/Kg		99	50 - 140	5	30
Styrene	0.0500	0.0504		mg/Kg		101	70 - 125	5	30
1,1,2,2-Tetrachloroethane	0.0500	0.0481		mg/Kg		96	70 - 122	5	30
Tetrachloroethene	0.0500	0.0519		mg/Kg		104	70 - 124	5	30
Toluene	0.0500	0.0490		mg/Kg		98	70 - 125	4	30
trans-1,2-Dichloroethene	0.0500	0.0504		mg/Kg		101	70 - 125	0	30
trans-1,3-Dichloropropene	0.0500	0.0524		mg/Kg		105	70 - 125	7	30
1,1,1-Trichloroethane	0.0500	0.0506		mg/Kg		101	70 - 128	2	30
1,1,2-Trichloroethane	0.0500	0.0503		mg/Kg		101	70 - 125	7	30
Trichloroethene	0.0500	0.0516		mg/Kg		103	70 - 125	3	30
Vinyl acetate	0.0500	0.0545		mg/Kg		109	40 - 153	7	30
Vinyl chloride	0.0500	0.0587		mg/Kg		117	70 - 125	1	30
Xylenes, Total	0.100	0.0949		mg/Kg		95	53 - 147	3	30

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	99		75 - 131
Dibromofluoromethane	98		75 - 126
1,2-Dichloroethane-d4 (Surr)	96		70 - 134
Toluene-d8 (Surr)	101		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-823459/6

Matrix: Solid

Analysis Batch: 823459

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			06/26/25 12:15	1
Benzene	<0.0020		0.0020	0.00063	mg/Kg			06/26/25 12:15	1
Bromodichloromethane	<0.0020		0.0020	0.00064	mg/Kg			06/26/25 12:15	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg			06/26/25 12:15	1
Bromomethane	<0.0050		0.0050	0.0025	mg/Kg			06/26/25 12:15	1
2-Butanone (MEK)	<0.0050		0.0050	0.0022	mg/Kg			06/26/25 12:15	1
Carbon disulfide	<0.0050		0.0050	0.00092	mg/Kg			06/26/25 12:15	1
Carbon tetrachloride	<0.0020		0.0020	0.00068	mg/Kg			06/26/25 12:15	1
Chlorobenzene	<0.0020		0.0020	0.00084	mg/Kg			06/26/25 12:15	1
Chloroethane	<0.0050		0.0050	0.0016	mg/Kg			06/26/25 12:15	1
Chloroform	<0.0020		0.0020	0.0014	mg/Kg			06/26/25 12:15	1
Chloromethane	<0.0050		0.0050	0.00097	mg/Kg			06/26/25 12:15	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00081	mg/Kg			06/26/25 12:15	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00080	mg/Kg			06/26/25 12:15	1
Dibromochloromethane	<0.0020		0.0020	0.00093	mg/Kg			06/26/25 12:15	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0035	mg/Kg			06/26/25 12:15	1
1,1-Dichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/26/25 12:15	1
1,2-Dichloroethane	<0.0050		0.0050	0.0013	mg/Kg			06/26/25 12:15	1
1,1-Dichloroethene	<0.0020		0.0020	0.00082	mg/Kg			06/26/25 12:15	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg			06/26/25 12:15	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00096	mg/Kg			06/26/25 12:15	1
Ethylbenzene	<0.0020		0.0020	0.0011	mg/Kg			06/26/25 12:15	1
2-Hexanone	<0.0050		0.0050	0.0030	mg/Kg			06/26/25 12:15	1
Methylene Chloride	<0.0050		0.0050	0.0021	mg/Kg			06/26/25 12:15	1
4-Methyl-2-pentanone (MIBK)	<0.0050		0.0050	0.0036	mg/Kg			06/26/25 12:15	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00065	mg/Kg			06/26/25 12:15	1
Styrene	<0.0020		0.0020	0.00090	mg/Kg			06/26/25 12:15	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00099	mg/Kg			06/26/25 12:15	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg			06/26/25 12:15	1
Toluene	<0.0020		0.0020	0.00040	mg/Kg			06/26/25 12:15	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00076	mg/Kg			06/26/25 12:15	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00096	mg/Kg			06/26/25 12:15	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00081	mg/Kg			06/26/25 12:15	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/26/25 12:15	1
Trichloroethene	<0.0020		0.0020	0.00054	mg/Kg			06/26/25 12:15	1
Vinyl acetate	<0.0050		0.0050	0.0012	mg/Kg			06/26/25 12:15	1
Vinyl chloride	<0.0020		0.0020	0.00082	mg/Kg			06/26/25 12:15	1
Xylenes, Total	<0.0040		0.0040	0.00069	mg/Kg			06/26/25 12:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		75 - 131		06/26/25 12:15	1
Dibromofluoromethane	95		75 - 126		06/26/25 12:15	1
1,2-Dichloroethane-d4 (Surr)	90		70 - 134		06/26/25 12:15	1
Toluene-d8 (Surr)	107		75 - 124		06/26/25 12:15	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823459/2

Matrix: Solid

Analysis Batch: 823459

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	0.0355		mg/Kg		71	40 - 150
Benzene	0.0500	0.0591		mg/Kg		118	70 - 125
Bromodichloromethane	0.0500	0.0538		mg/Kg		108	67 - 129
Bromoform	0.0500	0.0491		mg/Kg		98	68 - 136
Bromomethane	0.0500	0.0422		mg/Kg		84	70 - 130
2-Butanone (MEK)	0.0500	0.0392		mg/Kg		78	47 - 138
Carbon disulfide	0.0500	0.0529		mg/Kg		106	70 - 129
Carbon tetrachloride	0.0500	0.0541		mg/Kg		108	75 - 125
Chlorobenzene	0.0500	0.0593		mg/Kg		119	50 - 150
Chloroethane	0.0500	0.0433		mg/Kg		87	75 - 125
Chloroform	0.0500	0.0563		mg/Kg		113	57 - 135
Chloromethane	0.0500	0.0344	*-	mg/Kg		69	70 - 125
cis-1,2-Dichloroethene	0.0500	0.0590		mg/Kg		118	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0600		mg/Kg		120	70 - 125
Dibromochloromethane	0.0500	0.0532		mg/Kg		106	69 - 125
1,2-Dibromo-3-Chloropropane	0.0500	0.0577		mg/Kg		115	60 - 136
1,1-Dichloroethane	0.0500	0.0546		mg/Kg		109	70 - 125
1,2-Dichloroethane	0.0500	0.0520		mg/Kg		104	70 - 130
1,1-Dichloroethene	0.0500	0.0524		mg/Kg		105	70 - 120
1,2-Dichloropropane	0.0500	0.0556		mg/Kg		111	70 - 125
Ethylbenzene	0.0500	0.0579		mg/Kg		116	61 - 136
2-Hexanone	0.0500	0.0410		mg/Kg		82	48 - 146
Methylene Chloride	0.0500	0.0496		mg/Kg		99	70 - 126
4-Methyl-2-pentanone (MIBK)	0.0500	0.0421		mg/Kg		84	50 - 148
Methyl tert-butyl ether	0.0500	0.0563		mg/Kg		113	50 - 140
Styrene	0.0500	0.0571		mg/Kg		114	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0597		mg/Kg		119	70 - 122
Tetrachloroethene	0.0500	0.0557		mg/Kg		111	70 - 124
Toluene	0.0500	0.0607		mg/Kg		121	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0597		mg/Kg		119	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0565		mg/Kg		113	70 - 125
1,1,1-Trichloroethane	0.0500	0.0543		mg/Kg		109	70 - 128
1,1,2-Trichloroethane	0.0500	0.0580		mg/Kg		116	70 - 125
Trichloroethene	0.0500	0.0585		mg/Kg		117	70 - 125
Vinyl acetate	0.0500	0.0441		mg/Kg		88	40 - 153
Vinyl chloride	0.0500	0.0435		mg/Kg		87	70 - 125
Xylenes, Total	0.100	0.116		mg/Kg		116	53 - 147

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		75 - 131
Dibromofluoromethane	95		75 - 126
1,2-Dichloroethane-d4 (Surr)	89		70 - 134
Toluene-d8 (Surr)	107		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCSD 500-823459/3

Matrix: Solid

Analysis Batch: 823459

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	0.0330		mg/Kg		66	40 - 150	7	30
Benzene	0.0500	0.0503		mg/Kg		101	70 - 125	16	30
Bromodichloromethane	0.0500	0.0467		mg/Kg		93	67 - 129	14	30
Bromoform	0.0500	0.0429		mg/Kg		86	68 - 136	13	30
Bromomethane	0.0500	0.0420		mg/Kg		84	70 - 130	0	30
2-Butanone (MEK)	0.0500	0.0374		mg/Kg		75	47 - 138	5	30
Carbon disulfide	0.0500	0.0460		mg/Kg		92	70 - 129	14	30
Carbon tetrachloride	0.0500	0.0461		mg/Kg		92	75 - 125	16	30
Chlorobenzene	0.0500	0.0511		mg/Kg		102	50 - 150	15	30
Chloroethane	0.0500	0.0449		mg/Kg		90	75 - 125	4	30
Chloroform	0.0500	0.0473		mg/Kg		95	57 - 135	17	30
Chloromethane	0.0500	0.0354		mg/Kg		71	70 - 125	3	30
cis-1,2-Dichloroethene	0.0500	0.0505		mg/Kg		101	70 - 125	16	30
cis-1,3-Dichloropropene	0.0500	0.0512		mg/Kg		102	70 - 125	16	30
Dibromochloromethane	0.0500	0.0474		mg/Kg		95	69 - 125	12	30
1,2-Dibromo-3-Chloropropane	0.0500	0.0517		mg/Kg		103	60 - 136	11	30
1,1-Dichloroethane	0.0500	0.0474		mg/Kg		95	70 - 125	14	30
1,2-Dichloroethane	0.0500	0.0457		mg/Kg		91	70 - 130	13	30
1,1-Dichloroethene	0.0500	0.0456		mg/Kg		91	70 - 120	14	30
1,2-Dichloropropane	0.0500	0.0487		mg/Kg		97	70 - 125	13	30
Ethylbenzene	0.0500	0.0500		mg/Kg		100	61 - 136	14	30
2-Hexanone	0.0500	0.0372		mg/Kg		74	48 - 146	10	30
Methylene Chloride	0.0500	0.0426		mg/Kg		85	70 - 126	15	30
4-Methyl-2-pentanone (MIBK)	0.0500	0.0376		mg/Kg		75	50 - 148	11	30
Methyl tert-butyl ether	0.0500	0.0503		mg/Kg		101	50 - 140	11	30
Styrene	0.0500	0.0493		mg/Kg		99	70 - 125	15	30
1,1,2,2-Tetrachloroethane	0.0500	0.0537		mg/Kg		107	70 - 122	11	30
Tetrachloroethene	0.0500	0.0482		mg/Kg		96	70 - 124	14	30
Toluene	0.0500	0.0521		mg/Kg		104	70 - 125	15	30
trans-1,2-Dichloroethene	0.0500	0.0511		mg/Kg		102	70 - 125	15	30
trans-1,3-Dichloropropene	0.0500	0.0503		mg/Kg		101	70 - 125	12	30
1,1,1-Trichloroethane	0.0500	0.0470		mg/Kg		94	70 - 128	14	30
1,1,2-Trichloroethane	0.0500	0.0523		mg/Kg		105	70 - 125	10	30
Trichloroethene	0.0500	0.0493		mg/Kg		99	70 - 125	17	30
Vinyl acetate	0.0500	0.0390		mg/Kg		78	40 - 153	12	30
Vinyl chloride	0.0500	0.0440		mg/Kg		88	70 - 125	1	30
Xylenes, Total	0.100	0.100		mg/Kg		100	53 - 147	15	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		75 - 131
Dibromofluoromethane	96		75 - 126
1,2-Dichloroethane-d4 (Surr)	90		70 - 134
Toluene-d8 (Surr)	108		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-823604/7

Matrix: Solid

Analysis Batch: 823604

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			06/27/25 11:11	1
Benzene	<0.0020		0.0020	0.00063	mg/Kg			06/27/25 11:11	1
Bromodichloromethane	<0.0020		0.0020	0.00064	mg/Kg			06/27/25 11:11	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg			06/27/25 11:11	1
Bromomethane	<0.0050		0.0050	0.0025	mg/Kg			06/27/25 11:11	1
2-Butanone (MEK)	<0.0050		0.0050	0.0022	mg/Kg			06/27/25 11:11	1
Carbon disulfide	<0.0050		0.0050	0.00092	mg/Kg			06/27/25 11:11	1
Carbon tetrachloride	<0.0020		0.0020	0.00068	mg/Kg			06/27/25 11:11	1
Chlorobenzene	<0.0020		0.0020	0.00084	mg/Kg			06/27/25 11:11	1
Chloroethane	<0.0050		0.0050	0.0016	mg/Kg			06/27/25 11:11	1
Chloroform	<0.0020		0.0020	0.0014	mg/Kg			06/27/25 11:11	1
Chloromethane	<0.0050		0.0050	0.00097	mg/Kg			06/27/25 11:11	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00081	mg/Kg			06/27/25 11:11	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00080	mg/Kg			06/27/25 11:11	1
Dibromochloromethane	<0.0020		0.0020	0.00093	mg/Kg			06/27/25 11:11	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0035	mg/Kg			06/27/25 11:11	1
1,1-Dichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/27/25 11:11	1
1,2-Dichloroethane	<0.0050		0.0050	0.0013	mg/Kg			06/27/25 11:11	1
1,1-Dichloroethene	<0.0020		0.0020	0.00082	mg/Kg			06/27/25 11:11	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg			06/27/25 11:11	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00096	mg/Kg			06/27/25 11:11	1
Ethylbenzene	<0.0020		0.0020	0.0011	mg/Kg			06/27/25 11:11	1
2-Hexanone	<0.0050		0.0050	0.0030	mg/Kg			06/27/25 11:11	1
Methylene Chloride	<0.0050		0.0050	0.0021	mg/Kg			06/27/25 11:11	1
4-Methyl-2-pentanone (MIBK)	<0.0050		0.0050	0.0036	mg/Kg			06/27/25 11:11	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00065	mg/Kg			06/27/25 11:11	1
Styrene	<0.0020		0.0020	0.00090	mg/Kg			06/27/25 11:11	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00099	mg/Kg			06/27/25 11:11	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg			06/27/25 11:11	1
Toluene	<0.0020		0.0020	0.00040	mg/Kg			06/27/25 11:11	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00076	mg/Kg			06/27/25 11:11	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00096	mg/Kg			06/27/25 11:11	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00081	mg/Kg			06/27/25 11:11	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/27/25 11:11	1
Trichloroethene	<0.0020		0.0020	0.00054	mg/Kg			06/27/25 11:11	1
Vinyl acetate	<0.0050		0.0050	0.0012	mg/Kg			06/27/25 11:11	1
Vinyl chloride	<0.0020		0.0020	0.00082	mg/Kg			06/27/25 11:11	1
Xylenes, Total	<0.0040		0.0040	0.00069	mg/Kg			06/27/25 11:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		75 - 131		06/27/25 11:11	1
Dibromofluoromethane	93		75 - 126		06/27/25 11:11	1
1,2-Dichloroethane-d4 (Surr)	92		70 - 134		06/27/25 11:11	1
Toluene-d8 (Surr)	106		75 - 124		06/27/25 11:11	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823604/4

Matrix: Solid

Analysis Batch: 823604

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	0.0365		mg/Kg		73	40 - 150
Benzene	0.0500	0.0558		mg/Kg		112	70 - 125
Bromodichloromethane	0.0500	0.0507		mg/Kg		101	67 - 129
Bromoform	0.0500	0.0452		mg/Kg		90	68 - 136
Bromomethane	0.0500	0.0478		mg/Kg		96	70 - 130
2-Butanone (MEK)	0.0500	0.0402		mg/Kg		80	47 - 138
Carbon disulfide	0.0500	0.0503		mg/Kg		101	70 - 129
Carbon tetrachloride	0.0500	0.0513		mg/Kg		103	75 - 125
Chlorobenzene	0.0500	0.0550		mg/Kg		110	50 - 150
Chloroethane	0.0500	0.0481		mg/Kg		96	75 - 125
Chloroform	0.0500	0.0519		mg/Kg		104	57 - 135
Chloromethane	0.0500	0.0437		mg/Kg		87	70 - 125
cis-1,2-Dichloroethene	0.0500	0.0553		mg/Kg		111	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0543		mg/Kg		109	70 - 125
Dibromochloromethane	0.0500	0.0498		mg/Kg		100	69 - 125
1,2-Dibromo-3-Chloropropane	0.0500	0.0560		mg/Kg		112	60 - 136
1,1-Dichloroethane	0.0500	0.0519		mg/Kg		104	70 - 125
1,2-Dichloroethane	0.0500	0.0491		mg/Kg		98	70 - 130
1,1-Dichloroethene	0.0500	0.0501		mg/Kg		100	70 - 120
1,2-Dichloropropane	0.0500	0.0526		mg/Kg		105	70 - 125
Ethylbenzene	0.0500	0.0549		mg/Kg		110	61 - 136
2-Hexanone	0.0500	0.0373		mg/Kg		75	48 - 146
Methylene Chloride	0.0500	0.0491		mg/Kg		98	70 - 126
4-Methyl-2-pentanone (MIBK)	0.0500	0.0393		mg/Kg		79	50 - 148
Methyl tert-butyl ether	0.0500	0.0541		mg/Kg		108	50 - 140
Styrene	0.0500	0.0536		mg/Kg		107	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0551		mg/Kg		110	70 - 122
Tetrachloroethene	0.0500	0.0524		mg/Kg		105	70 - 124
Toluene	0.0500	0.0561		mg/Kg		112	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0566		mg/Kg		113	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0526		mg/Kg		105	70 - 125
1,1,1-Trichloroethane	0.0500	0.0522		mg/Kg		104	70 - 128
1,1,2-Trichloroethane	0.0500	0.0553		mg/Kg		111	70 - 125
Trichloroethene	0.0500	0.0566		mg/Kg		113	70 - 125
Vinyl acetate	0.0500	0.0389		mg/Kg		78	40 - 153
Vinyl chloride	0.0500	0.0512		mg/Kg		102	70 - 125
Xylenes, Total	0.100	0.109		mg/Kg		109	53 - 147

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	114		75 - 131
Dibromofluoromethane	95		75 - 126
1,2-Dichloroethane-d4 (Surr)	92		70 - 134
Toluene-d8 (Surr)	106		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCSD 500-823604/5

Matrix: Solid

Analysis Batch: 823604

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	0.0354		mg/Kg		71	40 - 150	3	30
Benzene	0.0500	0.0533		mg/Kg		107	70 - 125	5	30
Bromodichloromethane	0.0500	0.0484		mg/Kg		97	67 - 129	4	30
Bromoform	0.0500	0.0435		mg/Kg		87	68 - 136	4	30
Bromomethane	0.0500	0.0461		mg/Kg		92	70 - 130	4	30
2-Butanone (MEK)	0.0500	0.0365		mg/Kg		73	47 - 138	10	30
Carbon disulfide	0.0500	0.0495		mg/Kg		99	70 - 129	1	30
Carbon tetrachloride	0.0500	0.0504		mg/Kg		101	75 - 125	2	30
Chlorobenzene	0.0500	0.0543		mg/Kg		109	50 - 150	1	30
Chloroethane	0.0500	0.0479		mg/Kg		96	75 - 125	1	30
Chloroform	0.0500	0.0506		mg/Kg		101	57 - 135	2	30
Chloromethane	0.0500	0.0421		mg/Kg		84	70 - 125	4	30
cis-1,2-Dichloroethene	0.0500	0.0539		mg/Kg		108	70 - 125	3	30
cis-1,3-Dichloropropene	0.0500	0.0537		mg/Kg		107	70 - 125	1	30
Dibromochloromethane	0.0500	0.0482		mg/Kg		96	69 - 125	3	30
1,2-Dibromo-3-Chloropropane	0.0500	0.0511		mg/Kg		102	60 - 136	9	30
1,1-Dichloroethane	0.0500	0.0502		mg/Kg		100	70 - 125	3	30
1,2-Dichloroethane	0.0500	0.0472		mg/Kg		94	70 - 130	4	30
1,1-Dichloroethene	0.0500	0.0483		mg/Kg		97	70 - 120	4	30
1,2-Dichloropropane	0.0500	0.0509		mg/Kg		102	70 - 125	3	30
Ethylbenzene	0.0500	0.0527		mg/Kg		105	61 - 136	4	30
2-Hexanone	0.0500	0.0353		mg/Kg		71	48 - 146	5	30
Methylene Chloride	0.0500	0.0494		mg/Kg		99	70 - 126	1	30
4-Methyl-2-pentanone (MIBK)	0.0500	0.0371		mg/Kg		74	50 - 148	6	30
Methyl tert-butyl ether	0.0500	0.0521		mg/Kg		104	50 - 140	4	30
Styrene	0.0500	0.0513		mg/Kg		103	70 - 125	4	30
1,1,2,2-Tetrachloroethane	0.0500	0.0518		mg/Kg		104	70 - 122	6	30
Tetrachloroethene	0.0500	0.0514		mg/Kg		103	70 - 124	2	30
Toluene	0.0500	0.0555		mg/Kg		111	70 - 125	1	30
trans-1,2-Dichloroethene	0.0500	0.0555		mg/Kg		111	70 - 125	2	30
trans-1,3-Dichloropropene	0.0500	0.0513		mg/Kg		103	70 - 125	2	30
1,1,1-Trichloroethane	0.0500	0.0506		mg/Kg		101	70 - 128	3	30
1,1,2-Trichloroethane	0.0500	0.0527		mg/Kg		105	70 - 125	5	30
Trichloroethene	0.0500	0.0544		mg/Kg		109	70 - 125	4	30
Vinyl acetate	0.0500	0.0363		mg/Kg		73	40 - 153	7	30
Vinyl chloride	0.0500	0.0488		mg/Kg		98	70 - 125	5	30
Xylenes, Total	0.100	0.105		mg/Kg		105	53 - 147	3	30

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	114		75 - 131
Dibromofluoromethane	95		75 - 126
1,2-Dichloroethane-d4 (Surr)	90		70 - 134
Toluene-d8 (Surr)	108		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-823845/8

Matrix: Solid

Analysis Batch: 823845

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			06/30/25 11:25	1
Benzene	<0.0020		0.0020	0.00063	mg/Kg			06/30/25 11:25	1
Bromodichloromethane	<0.0020		0.0020	0.00064	mg/Kg			06/30/25 11:25	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg			06/30/25 11:25	1
Bromomethane	<0.0050		0.0050	0.0025	mg/Kg			06/30/25 11:25	1
2-Butanone (MEK)	<0.0050		0.0050	0.0022	mg/Kg			06/30/25 11:25	1
Carbon disulfide	<0.0050		0.0050	0.00092	mg/Kg			06/30/25 11:25	1
Carbon tetrachloride	<0.0020		0.0020	0.00068	mg/Kg			06/30/25 11:25	1
Chlorobenzene	<0.0020		0.0020	0.00084	mg/Kg			06/30/25 11:25	1
Chloroethane	<0.0050		0.0050	0.0016	mg/Kg			06/30/25 11:25	1
Chloroform	<0.0020		0.0020	0.0014	mg/Kg			06/30/25 11:25	1
Chloromethane	<0.0050		0.0050	0.00097	mg/Kg			06/30/25 11:25	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00081	mg/Kg			06/30/25 11:25	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00080	mg/Kg			06/30/25 11:25	1
Dibromochloromethane	<0.0020		0.0020	0.00093	mg/Kg			06/30/25 11:25	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0035	mg/Kg			06/30/25 11:25	1
1,1-Dichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/30/25 11:25	1
1,2-Dichloroethane	<0.0050		0.0050	0.0013	mg/Kg			06/30/25 11:25	1
1,1-Dichloroethene	<0.0020		0.0020	0.00082	mg/Kg			06/30/25 11:25	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg			06/30/25 11:25	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00096	mg/Kg			06/30/25 11:25	1
Ethylbenzene	<0.0020		0.0020	0.0011	mg/Kg			06/30/25 11:25	1
2-Hexanone	<0.0050		0.0050	0.0030	mg/Kg			06/30/25 11:25	1
Methylene Chloride	<0.0050		0.0050	0.0021	mg/Kg			06/30/25 11:25	1
4-Methyl-2-pentanone (MIBK)	<0.0050		0.0050	0.0036	mg/Kg			06/30/25 11:25	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00065	mg/Kg			06/30/25 11:25	1
Styrene	<0.0020		0.0020	0.00090	mg/Kg			06/30/25 11:25	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00099	mg/Kg			06/30/25 11:25	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg			06/30/25 11:25	1
Toluene	<0.0020		0.0020	0.00040	mg/Kg			06/30/25 11:25	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00076	mg/Kg			06/30/25 11:25	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00096	mg/Kg			06/30/25 11:25	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00081	mg/Kg			06/30/25 11:25	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/30/25 11:25	1
Trichloroethene	<0.0020		0.0020	0.00054	mg/Kg			06/30/25 11:25	1
Vinyl acetate	<0.0050		0.0050	0.0012	mg/Kg			06/30/25 11:25	1
Vinyl chloride	<0.0020		0.0020	0.00082	mg/Kg			06/30/25 11:25	1
Xylenes, Total	<0.0040		0.0040	0.00069	mg/Kg			06/30/25 11:25	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		75 - 131		06/30/25 11:25	1
Dibromofluoromethane	100		75 - 126		06/30/25 11:25	1
1,2-Dichloroethane-d4 (Surr)	100		70 - 134		06/30/25 11:25	1
Toluene-d8 (Surr)	103		75 - 124		06/30/25 11:25	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823845/6

Matrix: Solid

Analysis Batch: 823845

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	0.0429		mg/Kg		86	40 - 150
Benzene	0.0500	0.0519		mg/Kg		104	70 - 125
Bromodichloromethane	0.0500	0.0491		mg/Kg		98	67 - 129
Bromoform	0.0500	0.0489		mg/Kg		98	68 - 136
Bromomethane	0.0500	0.0576		mg/Kg		115	70 - 130
2-Butanone (MEK)	0.0500	0.0469		mg/Kg		94	47 - 138
Carbon disulfide	0.0500	0.0497		mg/Kg		99	70 - 129
Carbon tetrachloride	0.0500	0.0441		mg/Kg		88	75 - 125
Chlorobenzene	0.0500	0.0484		mg/Kg		97	50 - 150
Chloroethane	0.0500	0.0490		mg/Kg		98	75 - 125
Chloroform	0.0500	0.0458		mg/Kg		92	57 - 135
Chloromethane	0.0500	0.0522		mg/Kg		104	70 - 125
cis-1,2-Dichloroethene	0.0500	0.0495		mg/Kg		99	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0525		mg/Kg		105	70 - 125
Dibromochloromethane	0.0500	0.0497		mg/Kg		99	69 - 125
1,2-Dibromo-3-Chloropropane	0.0500	0.0506		mg/Kg		101	60 - 136
1,1-Dichloroethane	0.0500	0.0491		mg/Kg		98	70 - 125
1,2-Dichloroethane	0.0500	0.0475		mg/Kg		95	70 - 130
1,1-Dichloroethene	0.0500	0.0492		mg/Kg		98	70 - 120
1,2-Dichloropropane	0.0500	0.0508		mg/Kg		102	70 - 125
Ethylbenzene	0.0500	0.0548		mg/Kg		110	61 - 136
2-Hexanone	0.0500	0.0520		mg/Kg		104	48 - 146
Methylene Chloride	0.0500	0.0516		mg/Kg		103	70 - 126
4-Methyl-2-pentanone (MIBK)	0.0500	0.0538		mg/Kg		108	50 - 148
Methyl tert-butyl ether	0.0500	0.0477		mg/Kg		95	50 - 140
Styrene	0.0500	0.0539		mg/Kg		108	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0575		mg/Kg		115	70 - 122
Tetrachloroethene	0.0500	0.0490		mg/Kg		98	70 - 124
Toluene	0.0500	0.0465		mg/Kg		93	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0487		mg/Kg		97	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0501		mg/Kg		100	70 - 125
1,1,1-Trichloroethane	0.0500	0.0465		mg/Kg		93	70 - 128
1,1,2-Trichloroethane	0.0500	0.0512		mg/Kg		102	70 - 125
Trichloroethene	0.0500	0.0469		mg/Kg		94	70 - 125
Vinyl acetate	0.0500	0.0545		mg/Kg		109	40 - 153
Vinyl chloride	0.0500	0.0526		mg/Kg		105	70 - 125
Xylenes, Total	0.100	0.0988		mg/Kg		99	53 - 147

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	98		75 - 131
Dibromofluoromethane	98		75 - 126
1,2-Dichloroethane-d4 (Surr)	99		70 - 134
Toluene-d8 (Surr)	102		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCSD 500-823845/9

Matrix: Solid

Analysis Batch: 823845

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	0.0334		mg/Kg		67	40 - 150	25	30
Benzene	0.0500	0.0429		mg/Kg		86	70 - 125	19	30
Bromodichloromethane	0.0500	0.0411		mg/Kg		82	67 - 129	18	30
Bromoform	0.0500	0.0385		mg/Kg		77	68 - 136	24	30
Bromomethane	0.0500	0.0441		mg/Kg		88	70 - 130	27	30
2-Butanone (MEK)	0.0500	0.0376		mg/Kg		75	47 - 138	22	30
Carbon disulfide	0.0500	0.0421		mg/Kg		84	70 - 129	17	30
Carbon tetrachloride	0.0500	0.0372	*-	mg/Kg		74	75 - 125	17	30
Chlorobenzene	0.0500	0.0402		mg/Kg		80	50 - 150	18	30
Chloroethane	0.0500	0.0389		mg/Kg		78	75 - 125	23	30
Chloroform	0.0500	0.0378		mg/Kg		76	57 - 135	19	30
Chloromethane	0.0500	0.0409		mg/Kg		82	70 - 125	24	30
cis-1,2-Dichloroethene	0.0500	0.0418		mg/Kg		84	70 - 125	17	30
cis-1,3-Dichloropropene	0.0500	0.0446		mg/Kg		89	70 - 125	16	30
Dibromochloromethane	0.0500	0.0408		mg/Kg		82	69 - 125	20	30
1,2-Dibromo-3-Chloropropane	0.0500	0.0396		mg/Kg		79	60 - 136	24	30
1,1-Dichloroethane	0.0500	0.0405		mg/Kg		81	70 - 125	19	30
1,2-Dichloroethane	0.0500	0.0387		mg/Kg		77	70 - 130	20	30
1,1-Dichloroethene	0.0500	0.0409		mg/Kg		82	70 - 120	18	30
1,2-Dichloropropane	0.0500	0.0429		mg/Kg		86	70 - 125	17	30
Ethylbenzene	0.0500	0.0449		mg/Kg		90	61 - 136	20	30
2-Hexanone	0.0500	0.0430		mg/Kg		86	48 - 146	19	30
Methylene Chloride	0.0500	0.0437		mg/Kg		87	70 - 126	17	30
4-Methyl-2-pentanone (MIBK)	0.0500	0.0439		mg/Kg		88	50 - 148	20	30
Methyl tert-butyl ether	0.0500	0.0390		mg/Kg		78	50 - 140	20	30
Styrene	0.0500	0.0444		mg/Kg		89	70 - 125	19	30
1,1,2,2-Tetrachloroethane	0.0500	0.0479		mg/Kg		96	70 - 122	18	30
Tetrachloroethene	0.0500	0.0404		mg/Kg		81	70 - 124	19	30
Toluene	0.0500	0.0392		mg/Kg		78	70 - 125	17	30
trans-1,2-Dichloroethene	0.0500	0.0417		mg/Kg		83	70 - 125	15	30
trans-1,3-Dichloropropene	0.0500	0.0414		mg/Kg		83	70 - 125	19	30
1,1,1-Trichloroethane	0.0500	0.0383		mg/Kg		77	70 - 128	19	30
1,1,2-Trichloroethane	0.0500	0.0424		mg/Kg		85	70 - 125	19	30
Trichloroethene	0.0500	0.0391		mg/Kg		78	70 - 125	18	30
Vinyl acetate	0.0500	0.0449		mg/Kg		90	40 - 153	19	30
Vinyl chloride	0.0500	0.0426		mg/Kg		85	70 - 125	21	30
Xylenes, Total	0.100	0.0823		mg/Kg		82	53 - 147	18	30

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	102		75 - 131
Dibromofluoromethane	99		75 - 126
1,2-Dichloroethane-d4 (Surr)	101		70 - 134
Toluene-d8 (Surr)	107		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-823218/1-A

Matrix: Solid

Analysis Batch: 823426

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 823218

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		06/25/25 07:38	06/26/25 11:47	1
1,2-Dichlorobenzene	<0.17		0.17	0.014	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
1,3-Dichlorobenzene	<0.17		0.17	0.015	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
1,4-Dichlorobenzene	<0.17		0.17	0.016	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,2'-oxybis[1-chloropropane]	<0.17		0.17	0.024	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,4,5-Trichlorophenol	<0.33		0.33	0.013	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,4,6-Trichlorophenol	<0.33		0.33	0.011	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,4-Dichlorophenol	<0.33		0.33	0.012	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,4-Dimethylphenol	<0.33		0.33	0.074	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,4-Dinitrophenol	<0.67		0.67	0.19	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,4-Dinitrotoluene	<0.17		0.17	0.019	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,6-Dinitrotoluene	<0.17		0.17	0.023	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2-Chloronaphthalene	<0.17		0.17	0.012	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2-Chlorophenol	<0.17		0.17	0.011	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2-Methylnaphthalene	<0.067		0.067	0.0067	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2-Methylphenol	<0.17		0.17	0.018	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2-Nitroaniline	<0.17		0.17	0.018	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2-Nitrophenol	<0.33		0.33	0.023	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
3 & 4 Methylphenol	<0.17		0.17	0.024	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
3,3'-Dichlorobenzidine	<0.17		0.17	0.15	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
3-Nitroaniline	<0.33		0.33	0.015	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
4,6-Dinitro-2-methylphenol	<0.67		0.67	0.19	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
4-Bromophenyl phenyl ether	<0.17		0.17	0.023	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
4-Chloro-3-methylphenol	<0.33		0.33	0.028	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
4-Chloroaniline	<0.67		0.67	0.35	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
4-Chlorophenyl phenyl ether	<0.17		0.17	0.044	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
4-Nitroaniline	<0.33		0.33	0.025	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
4-Nitrophenol	<0.67		0.67	0.36	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Acenaphthene	<0.033		0.033	0.0068	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Acenaphthylene	<0.033		0.033	0.0056	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Anthracene	<0.033		0.033	0.0068	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Benzo[a]anthracene	<0.033		0.033	0.0070	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Benzo[a]pyrene	<0.033		0.033	0.032	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Benzo[b]fluoranthene	<0.033		0.033	0.032	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Benzo[g,h,i]perylene	<0.033		0.033	0.015	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Benzo[k]fluoranthene	<0.033		0.033	0.013	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Bis(2-chloroethoxy)methane	<0.17		0.17	0.012	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Bis(2-chloroethyl)ether	<0.17		0.17	0.015	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Bis(2-ethylhexyl) phthalate	<0.17		0.17	0.13	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Butyl benzyl phthalate	<0.17		0.17	0.017	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Carbazole	<0.17		0.17	0.013	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Chrysene	<0.033		0.033	0.0088	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Dibenz(a,h)anthracene	<0.033		0.033	0.033	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Dibenzofuran	<0.17		0.17	0.012	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Diethyl phthalate	<0.17		0.17	0.015	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Dimethyl phthalate	<0.17		0.17	0.0072	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Di-n-butyl phthalate	<0.17		0.17	0.011	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Di-n-octyl phthalate	<0.33		0.33	0.23	mg/Kg		06/25/25 07:38	06/26/25 11:47	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-823218/1-A

Matrix: Solid

Analysis Batch: 823426

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 823218

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	<0.033		0.033	0.0077	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Fluorene	<0.033		0.033	0.0098	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Hexachlorobenzene	<0.067		0.067	0.0064	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Hexachlorobutadiene	<0.17		0.17	0.019	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Hexachlorocyclopentadiene	<0.67		0.67	0.35	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Hexachloroethane	<0.17		0.17	0.017	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Indeno[1,2,3-cd]pyrene	<0.033		0.033	0.032	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Isophorone	<0.17		0.17	0.017	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Naphthalene	<0.033		0.033	0.0060	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Nitrobenzene	<0.033		0.033	0.011	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
N-Nitrosodi-n-propylamine	<0.067		0.067	0.019	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
N-Nitrosodiphenylamine	<0.17		0.17	0.066	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Pentachlorophenol	<0.67		0.67	0.37	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Phenanthrene	<0.033		0.033	0.0072	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Phenol	<0.17		0.17	0.014	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Pyrene	<0.033		0.033	0.0091	mg/Kg		06/25/25 07:38	06/26/25 11:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	86		31 - 166	06/25/25 07:38	06/26/25 11:47	1
Phenol-d5 (Surr)	89		30 - 153	06/25/25 07:38	06/26/25 11:47	1
Nitrobenzene-d5 (Surr)	101		37 - 147	06/25/25 07:38	06/26/25 11:47	1
2-Fluorobiphenyl (Surr)	86		43 - 145	06/25/25 07:38	06/26/25 11:47	1
2,4,6-Tribromophenol (Surr)	86		31 - 143	06/25/25 07:38	06/26/25 11:47	1
Terphenyl-d14 (Surr)	96		42 - 157	06/25/25 07:38	06/26/25 11:47	1

Lab Sample ID: LCS 500-823218/2-A

Matrix: Solid

Analysis Batch: 823426

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823218

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	3.33	2.28		mg/Kg		68	49 - 100
1,2-Dichlorobenzene	3.33	2.15		mg/Kg		64	47 - 94
1,3-Dichlorobenzene	3.33	2.17		mg/Kg		65	47 - 92
1,4-Dichlorobenzene	3.33	2.18		mg/Kg		65	46 - 92
2,2'-oxybis[1-chloropropane]	3.33	2.94		mg/Kg		88	43 - 111
2,4,5-Trichlorophenol	3.33	2.93		mg/Kg		88	48 - 121
2,4,6-Trichlorophenol	3.33	2.82		mg/Kg		85	50 - 121
2,4-Dichlorophenol	3.33	2.49		mg/Kg		75	51 - 109
2,4-Dimethylphenol	3.33	2.54		mg/Kg		76	48 - 93
2,4-Dinitrophenol	6.67	5.79		mg/Kg		87	10 - 130
2,4-Dinitrotoluene	3.33	2.97		mg/Kg		89	65 - 120
2,6-Dinitrotoluene	3.33	3.05		mg/Kg		91	66 - 117
2-Chloronaphthalene	3.33	2.61		mg/Kg		78	60 - 107
2-Chlorophenol	3.33	2.58		mg/Kg		77	50 - 102
2-Methylnaphthalene	3.33	2.57		mg/Kg		77	58 - 103
2-Methylphenol	3.33	2.34		mg/Kg		70	50 - 104
2-Nitroaniline	3.33	3.53		mg/Kg		106	61 - 126
2-Nitrophenol	3.33	2.70		mg/Kg		81	41 - 114

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823218/2-A

Matrix: Solid

Analysis Batch: 823426

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823218

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
3 & 4 Methylphenol	3.33	2.42		mg/Kg		73	49 - 109
3,3'-Dichlorobenzidine	3.33	2.74		mg/Kg		82	36 - 131
3-Nitroaniline	3.33	2.84		mg/Kg		85	44 - 124
4,6-Dinitro-2-methylphenol	6.67	7.01		mg/Kg		105	36 - 138
4-Bromophenyl phenyl ether	3.33	3.07		mg/Kg		92	57 - 124
4-Chloro-3-methylphenol	3.33	2.67		mg/Kg		80	57 - 113
4-Chloroaniline	3.33	2.20		mg/Kg		66	22 - 110
4-Chlorophenyl phenyl ether	3.33	2.48		mg/Kg		75	60 - 112
4-Nitroaniline	3.33	3.02		mg/Kg		91	60 - 115
4-Nitrophenol	6.67	4.48		mg/Kg		67	45 - 126
Acenaphthene	3.33	2.61		mg/Kg		78	63 - 109
Acenaphthylene	3.33	2.81		mg/Kg		84	61 - 115
Anthracene	3.33	3.09		mg/Kg		93	68 - 120
Benzo[a]anthracene	3.33	2.82		mg/Kg		85	70 - 121
Benzo[a]pyrene	3.33	3.32		mg/Kg		100	73 - 132
Benzo[b]fluoranthene	3.33	3.53		mg/Kg		106	68 - 123
Benzo[g,h,i]perylene	3.33	3.14		mg/Kg		94	65 - 126
Benzo[k]fluoranthene	3.33	3.04		mg/Kg		91	64 - 128
Bis(2-chloroethoxy)methane	3.33	2.68		mg/Kg		80	54 - 102
Bis(2-chloroethyl)ether	3.33	2.70		mg/Kg		81	49 - 99
Bis(2-ethylhexyl) phthalate	3.33	3.22		mg/Kg		97	70 - 139
Butyl benzyl phthalate	3.33	3.12		mg/Kg		94	65 - 140
Carbazole	3.33	3.09		mg/Kg		93	68 - 120
Chrysene	3.33	2.91		mg/Kg		87	70 - 123
Dibenz(a,h)anthracene	3.33	2.75		mg/Kg		82	66 - 125
Dibenzofuran	3.33	2.60		mg/Kg		78	64 - 112
Diethyl phthalate	3.33	2.94		mg/Kg		88	66 - 115
Dimethyl phthalate	3.33	2.89		mg/Kg		87	65 - 114
Di-n-butyl phthalate	3.33	3.19		mg/Kg		96	69 - 125
Di-n-octyl phthalate	3.33	3.30		mg/Kg		99	61 - 131
Fluoranthene	3.33	3.09		mg/Kg		93	66 - 123
Fluorene	3.33	2.62		mg/Kg		79	62 - 113
Hexachlorobenzene	3.33	3.11		mg/Kg		93	52 - 126
Hexachlorobutadiene	3.33	2.32		mg/Kg		70	42 - 103
Hexachlorocyclopentadiene	3.33	1.80		mg/Kg		54	10 - 100
Hexachloroethane	3.33	2.23		mg/Kg		67	45 - 95
Indeno[1,2,3-cd]pyrene	3.33	3.51		mg/Kg		105	66 - 131
Isophorone	3.33	2.93		mg/Kg		88	47 - 108
Naphthalene	3.33	2.40		mg/Kg		72	54 - 98
Nitrobenzene	3.33	3.14		mg/Kg		94	52 - 105
N-Nitrosodi-n-propylamine	3.33	2.77		mg/Kg		83	48 - 110
N-Nitrosodiphenylamine	3.33	3.04		mg/Kg		91	67 - 112
Pentachlorophenol	6.67	4.81		mg/Kg		72	32 - 128
Phenanthrene	3.33	3.03		mg/Kg		91	65 - 115
Phenol	3.33	2.52		mg/Kg		76	52 - 110
Pyrene	3.33	3.07		mg/Kg		92	71 - 128

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823218/2-A

Matrix: Solid

Analysis Batch: 823426

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823218

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
2-Fluorophenol (Surr)	79		31 - 166
Phenol-d5 (Surr)	80		30 - 153
Nitrobenzene-d5 (Surr)	94		37 - 147
2-Fluorobiphenyl (Surr)	83		43 - 145
2,4,6-Tribromophenol (Surr)	91		31 - 143
Terphenyl-d14 (Surr)	95		42 - 157

Lab Sample ID: MB 500-823337/1-A

Matrix: Solid

Analysis Batch: 823620

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 823337

Analyte	MB	MB							
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.17		0.17	0.024	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
1,2-Dichlorobenzene	<0.17		0.17	0.014	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
1,3-Dichlorobenzene	<0.17		0.17	0.015	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
1,4-Dichlorobenzene	<0.17		0.17	0.016	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,2'-oxybis[1-chloropropane]	<0.17		0.17	0.024	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,4,5-Trichlorophenol	<0.33		0.33	0.013	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,4,6-Trichlorophenol	<0.33		0.33	0.011	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,4-Dichlorophenol	<0.33		0.33	0.012	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,4-Dimethylphenol	<0.33		0.33	0.074	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,4-Dinitrophenol	<0.67		0.67	0.19	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,4-Dinitrotoluene	<0.17		0.17	0.019	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,6-Dinitrotoluene	<0.17		0.17	0.023	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2-Chloronaphthalene	<0.17		0.17	0.012	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2-Chlorophenol	<0.17		0.17	0.011	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2-Methylnaphthalene	<0.067		0.067	0.0067	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2-Methylphenol	<0.17		0.17	0.018	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2-Nitroaniline	<0.17		0.17	0.018	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2-Nitrophenol	<0.33		0.33	0.023	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
3 & 4 Methylphenol	<0.17		0.17	0.024	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
3,3'-Dichlorobenzidine	<0.17		0.17	0.15	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
3-Nitroaniline	<0.33		0.33	0.015	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
4,6-Dinitro-2-methylphenol	<0.67		0.67	0.19	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
4-Bromophenyl phenyl ether	<0.17		0.17	0.023	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
4-Chloro-3-methylphenol	<0.33		0.33	0.028	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
4-Chloroaniline	<0.67		0.67	0.35	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
4-Chlorophenyl phenyl ether	<0.17		0.17	0.044	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
4-Nitroaniline	<0.33		0.33	0.025	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
4-Nitrophenol	<0.67		0.67	0.36	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Acenaphthene	<0.033		0.033	0.0068	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Acenaphthylene	<0.033		0.033	0.0056	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Anthracene	<0.033		0.033	0.0068	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Benzo[a]anthracene	<0.033		0.033	0.0070	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Benzo[a]pyrene	<0.033		0.033	0.032	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Benzo[b]fluoranthene	<0.033		0.033	0.032	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Benzo[g,h,i]perylene	<0.033		0.033	0.015	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Benzo[k]fluoranthene	<0.033		0.033	0.013	mg/Kg		06/25/25 14:04	06/27/25 11:53	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-823337/1-A

Matrix: Solid

Analysis Batch: 823620

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 823337

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	<0.17		0.17	0.012	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Bis(2-chloroethyl)ether	<0.17		0.17	0.015	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Bis(2-ethylhexyl) phthalate	<0.17		0.17	0.13	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Butyl benzyl phthalate	<0.17		0.17	0.017	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Carbazole	<0.17		0.17	0.013	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Chrysene	<0.033		0.033	0.0088	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Dibenz(a,h)anthracene	<0.033		0.033	0.033	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Dibenzofuran	<0.17		0.17	0.012	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Diethyl phthalate	0.0239	J	0.17	0.015	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Dimethyl phthalate	<0.17		0.17	0.0072	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Di-n-butyl phthalate	<0.17		0.17	0.011	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Di-n-octyl phthalate	<0.33		0.33	0.23	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Fluoranthene	<0.033		0.033	0.0077	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Fluorene	<0.033		0.033	0.0098	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Hexachlorobenzene	<0.067		0.067	0.0064	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Hexachlorobutadiene	<0.17		0.17	0.019	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Hexachlorocyclopentadiene	<0.67		0.67	0.35	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Hexachloroethane	<0.17		0.17	0.017	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Indeno[1,2,3-cd]pyrene	<0.033		0.033	0.032	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Isophorone	<0.17		0.17	0.017	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Naphthalene	<0.033		0.033	0.0060	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Nitrobenzene	<0.033		0.033	0.011	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
N-Nitrosodi-n-propylamine	<0.067		0.067	0.019	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
N-Nitrosodiphenylamine	<0.17		0.17	0.066	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Pentachlorophenol	<0.67		0.67	0.37	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Phenanthrene	<0.033		0.033	0.0072	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Phenol	<0.17		0.17	0.014	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Pyrene	<0.033		0.033	0.0091	mg/Kg		06/25/25 14:04	06/27/25 11:53	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	83		31 - 166	06/25/25 14:04	06/27/25 11:53	1
Phenol-d5 (Surr)	80		30 - 153	06/25/25 14:04	06/27/25 11:53	1
Nitrobenzene-d5 (Surr)	80		37 - 147	06/25/25 14:04	06/27/25 11:53	1
2-Fluorobiphenyl (Surr)	86		43 - 145	06/25/25 14:04	06/27/25 11:53	1
2,4,6-Tribromophenol (Surr)	76		31 - 143	06/25/25 14:04	06/27/25 11:53	1
Terphenyl-d14 (Surr)	100		42 - 157	06/25/25 14:04	06/27/25 11:53	1

Lab Sample ID: LCS 500-823337/2-A

Matrix: Solid

Analysis Batch: 823422

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823337

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	3.33	2.38		mg/Kg		71	49 - 100
1,2-Dichlorobenzene	3.33	2.36		mg/Kg		71	47 - 94
1,3-Dichlorobenzene	3.33	2.27		mg/Kg		68	47 - 92
1,4-Dichlorobenzene	3.33	2.30		mg/Kg		69	46 - 92
2,2'-oxybis[1-chloropropane]	3.33	2.42		mg/Kg		73	43 - 111
2,4,5-Trichlorophenol	3.33	2.76		mg/Kg		83	48 - 121

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823337/2-A

Matrix: Solid

Analysis Batch: 823422

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823337

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,6-Trichlorophenol	3.33	2.85		mg/Kg		85	50 - 121
2,4-Dichlorophenol	3.33	2.56		mg/Kg		77	51 - 109
2,4-Dimethylphenol	3.33	2.63		mg/Kg		79	48 - 93
2,4-Dinitrophenol	6.67	6.83		mg/Kg		103	10 - 130
2,4-Dinitrotoluene	3.33	3.13		mg/Kg		94	65 - 120
2,6-Dinitrotoluene	3.33	2.90		mg/Kg		87	66 - 117
2-Chloronaphthalene	3.33	2.72		mg/Kg		82	60 - 107
2-Chlorophenol	3.33	2.44		mg/Kg		73	50 - 102
2-Methylnaphthalene	3.33	2.89		mg/Kg		87	58 - 103
2-Methylphenol	3.33	2.52		mg/Kg		76	50 - 104
2-Nitroaniline	3.33	3.09		mg/Kg		93	61 - 126
2-Nitrophenol	3.33	2.62		mg/Kg		79	41 - 114
3 & 4 Methylphenol	3.33	2.50		mg/Kg		75	49 - 109
3,3'-Dichlorobenzidine	3.33	2.51		mg/Kg		75	36 - 131
3-Nitroaniline	3.33	2.83		mg/Kg		85	44 - 124
4,6-Dinitro-2-methylphenol	6.67	6.55		mg/Kg		98	36 - 138
4-Bromophenyl phenyl ether	3.33	2.86		mg/Kg		86	57 - 124
4-Chloro-3-methylphenol	3.33	2.77		mg/Kg		83	57 - 113
4-Chloroaniline	3.33	2.38		mg/Kg		71	22 - 110
4-Chlorophenyl phenyl ether	3.33	2.79		mg/Kg		84	60 - 112
4-Nitroaniline	3.33	3.00		mg/Kg		90	60 - 115
4-Nitrophenol	6.67	4.72		mg/Kg		71	45 - 126
Acenaphthene	3.33	2.73		mg/Kg		82	63 - 109
Acenaphthylene	3.33	2.87		mg/Kg		86	61 - 115
Anthracene	3.33	3.10		mg/Kg		93	68 - 120
Benzo[a]anthracene	3.33	2.79		mg/Kg		84	70 - 121
Benzo[a]pyrene	3.33	3.01		mg/Kg		90	73 - 132
Benzo[b]fluoranthene	3.33	3.14		mg/Kg		94	68 - 123
Benzo[g,h,i]perylene	3.33	2.87		mg/Kg		86	65 - 126
Benzo[k]fluoranthene	3.33	2.90		mg/Kg		87	64 - 128
Bis(2-chloroethoxy)methane	3.33	2.54		mg/Kg		76	54 - 102
Bis(2-chloroethyl)ether	3.33	2.45		mg/Kg		74	49 - 99
Bis(2-ethylhexyl) phthalate	3.33	2.97		mg/Kg		89	70 - 139
Butyl benzyl phthalate	3.33	2.96		mg/Kg		89	65 - 140
Carbazole	3.33	3.14		mg/Kg		94	68 - 120
Chrysene	3.33	2.90		mg/Kg		87	70 - 123
Dibenz(a,h)anthracene	3.33	3.08		mg/Kg		92	66 - 125
Dibenzofuran	3.33	2.89		mg/Kg		87	64 - 112
Diethyl phthalate	3.33	3.00		mg/Kg		90	66 - 115
Dimethyl phthalate	3.33	2.90		mg/Kg		87	65 - 114
Di-n-butyl phthalate	3.33	3.16		mg/Kg		95	69 - 125
Di-n-octyl phthalate	3.33	3.16		mg/Kg		95	61 - 131
Fluoranthene	3.33	2.97		mg/Kg		89	66 - 123
Fluorene	3.33	2.84		mg/Kg		85	62 - 113
Hexachlorobenzene	3.33	2.95		mg/Kg		88	52 - 126
Hexachlorobutadiene	3.33	2.31		mg/Kg		69	42 - 103
Hexachlorocyclopentadiene	3.33	2.81		mg/Kg		84	10 - 100
Hexachloroethane	3.33	2.33		mg/Kg		70	45 - 95
Indeno[1,2,3-cd]pyrene	3.33	3.03		mg/Kg		91	66 - 131

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823337/2-A

Matrix: Solid

Analysis Batch: 823422

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823337

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Isophorone	3.33	2.60		mg/Kg		78	47 - 108
Naphthalene	3.33	2.41		mg/Kg		72	54 - 98
Nitrobenzene	3.33	2.42		mg/Kg		72	52 - 105
N-Nitrosodi-n-propylamine	3.33	2.62		mg/Kg		79	48 - 110
N-Nitrosodiphenylamine	3.33	3.05		mg/Kg		92	67 - 112
Pentachlorophenol	6.67	4.94		mg/Kg		74	32 - 128
Phenanthrene	3.33	2.99		mg/Kg		90	65 - 115
Phenol	3.33	2.49		mg/Kg		75	52 - 110
Pyrene	3.33	2.90		mg/Kg		87	71 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorophenol (Surr)	76		31 - 166
Phenol-d5 (Surr)	75		30 - 153
Nitrobenzene-d5 (Surr)	76		37 - 147
2-Fluorobiphenyl (Surr)	84		43 - 145
2,4,6-Tribromophenol (Surr)	83		31 - 143
Terphenyl-d14 (Surr)	91		42 - 157

Method: 6010D - Metals (ICP)

Lab Sample ID: LCS 500-822485/2-A

Matrix: Solid

Analysis Batch: 822772

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822485

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.100	0.0995		mg/L		99	80 - 120
Manganese	0.500	0.475		mg/L		95	80 - 120
Nickel	0.500	0.485		mg/L		97	80 - 120

Lab Sample ID: LCS 500-822509/2-A

Matrix: Solid

Analysis Batch: 822771

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822509

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.108		mg/L		108	80 - 120
Barium	0.500	0.499		mg/L		100	80 - 120
Beryllium	0.0500	0.0508		mg/L		102	80 - 120
Boron	1.00	0.959		mg/L		96	80 - 120
Cadmium	0.0500	0.0489		mg/L		98	80 - 120
Chromium	0.200	0.191		mg/L		95	80 - 120
Cobalt	0.500	0.520		mg/L		104	80 - 120
Copper	0.250	0.239		mg/L		96	80 - 120
Iron	1.00	1.05		mg/L		105	80 - 120
Lead	0.100	0.104		mg/L		104	80 - 120
Manganese	0.500	0.476		mg/L		95	80 - 120
Nickel	0.500	0.521		mg/L		104	80 - 120
Selenium	0.100	0.0986		mg/L		99	80 - 120
Silver	0.0500	0.0501		mg/L		100	80 - 120
Vanadium	0.500	0.481		mg/L		96	80 - 120

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-822509/2-A

Matrix: Solid

Analysis Batch: 822771

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822509

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	0.500	0.511		mg/L		102	80 - 120

Lab Sample ID: LCS 500-822645/2-A

Matrix: Solid

Analysis Batch: 823048

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822645

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.100	0.0982		mg/L		98	80 - 120

Lab Sample ID: LCS 500-822645/2-A

Matrix: Solid

Analysis Batch: 823997

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822645

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	0.500	0.465		mg/L		93	80 - 120
Nickel	0.500	0.518		mg/L		104	80 - 120

Lab Sample ID: LCS 500-822646/2-A

Matrix: Solid

Analysis Batch: 823443

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822646

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.110		mg/L		110	80 - 120
Barium	0.500	0.507		mg/L		101	80 - 120
Beryllium	0.0500	0.0481		mg/L		96	80 - 120
Cadmium	0.0500	0.0529		mg/L		106	80 - 120
Chromium	0.200	0.207		mg/L		103	80 - 120
Cobalt	0.500	0.530		mg/L		106	80 - 120
Copper	0.250	0.269		mg/L		108	80 - 120
Iron	1.00	0.980		mg/L		98	80 - 120
Lead	0.100	0.107		mg/L		107	80 - 120
Manganese	0.500	0.479		mg/L		96	80 - 120
Nickel	0.500	0.523		mg/L		105	80 - 120
Selenium	0.100	0.114		mg/L		114	80 - 120
Silver	0.0500	0.0573		mg/L		115	80 - 120
Vanadium	0.500	0.519		mg/L		104	80 - 120

Lab Sample ID: LCS 500-822646/2-A

Matrix: Solid

Analysis Batch: 823557

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822646

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.904		mg/L		90	80 - 120
Zinc	0.500	0.614	*+	mg/L		123	80 - 120

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-822696/1-A

Matrix: Solid

Analysis Batch: 823443

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 822696

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.0		2.0	0.39	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Arsenic	<1.0		1.0	0.34	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Barium	<1.0		1.0	0.11	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Beryllium	<0.40		0.40	0.093	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Boron	0.478	J	5.0	0.47	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Cadmium	<0.20		0.20	0.036	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Chromium	<1.0		1.0	0.50	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Copper	<1.0		1.0	0.28	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Iron	<20		20	10	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Magnesium	<10		10	5.0	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Nickel	<1.0		1.0	0.29	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Selenium	<1.0		1.0	0.59	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Silver	<0.50		0.50	0.13	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Thallium	<1.0		1.0	0.50	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Vanadium	<0.50		0.50	0.12	mg/Kg		06/20/25 16:12	06/26/25 02:20	1

Lab Sample ID: MB 500-822696/1-A

Matrix: Solid

Analysis Batch: 823757

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 822696

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	<0.50		0.50	0.13	mg/Kg		06/20/25 16:12	06/27/25 12:59	1
Lead	<0.50		0.50	0.23	mg/Kg		06/20/25 16:12	06/27/25 12:59	1
Manganese	<1.0		1.0	0.15	mg/Kg		06/20/25 16:12	06/27/25 12:59	1
Zinc	0.977	J	2.0	0.88	mg/Kg		06/20/25 16:12	06/27/25 12:59	1

Lab Sample ID: LCS 500-822696/2-A

Matrix: Solid

Analysis Batch: 823443

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822696

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	50.0	46.7		mg/Kg		93	80 - 120
Arsenic	10.0	9.43		mg/Kg		94	80 - 120
Barium	200	201		mg/Kg		100	80 - 120
Beryllium	5.00	4.48		mg/Kg		90	80 - 120
Boron	100	97.9		mg/Kg		98	80 - 120
Cadmium	5.00	5.02		mg/Kg		100	80 - 120
Chromium	20.0	20.6		mg/Kg		103	80 - 120
Copper	25.0	23.9		mg/Kg		96	80 - 120
Iron	100	111		mg/Kg		111	80 - 120
Magnesium	1000	1030		mg/Kg		103	80 - 120
Nickel	50.0	52.7		mg/Kg		105	80 - 120
Selenium	10.0	8.45		mg/Kg		85	80 - 120
Silver	5.00	4.68		mg/Kg		94	80 - 120
Thallium	10.0	10.6		mg/Kg		106	80 - 120
Vanadium	50.0	51.1		mg/Kg		102	80 - 120

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-822696/2-A
Matrix: Solid
Analysis Batch: 823757

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 822696

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cobalt	50.0	48.5		mg/Kg		97	80 - 120
Lead	10.0	9.97		mg/Kg		100	80 - 120
Manganese	50.0	48.5		mg/Kg		97	80 - 120
Zinc	50.0	48.5		mg/Kg		97	80 - 120

Lab Sample ID: MB 500-822697/1-A
Matrix: Solid
Analysis Batch: 823785

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 822697

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.0		2.0	0.39	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Arsenic	<1.0		1.0	0.34	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Barium	<1.0		1.0	0.11	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Beryllium	<0.40		0.40	0.093	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Boron	<5.0		5.0	0.47	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Cadmium	<0.20		0.20	0.036	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Chromium	<1.0		1.0	0.50	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Cobalt	<0.50		0.50	0.13	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Copper	<1.0		1.0	0.28	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Iron	<20		20	10	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Lead	<0.50		0.50	0.23	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Magnesium	<10		10	5.0	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Manganese	<1.0		1.0	0.15	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Nickel	<1.0		1.0	0.29	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Thallium	<1.0		1.0	0.50	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Vanadium	<0.50		0.50	0.12	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Zinc	0.953	J	2.0	0.88	mg/Kg		06/20/25 16:13	06/27/25 21:43	1

Lab Sample ID: MB 500-822697/1-A
Matrix: Solid
Analysis Batch: 823996

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 822697

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	<1.0		1.0	0.59	mg/Kg		06/20/25 16:13	06/30/25 11:43	1
Silver	<0.50		0.50	0.13	mg/Kg		06/20/25 16:13	06/30/25 11:43	1

Lab Sample ID: LCS 500-822697/2-A
Matrix: Solid
Analysis Batch: 823785

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 822697

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	50.0	48.2		mg/Kg		96	80 - 120
Arsenic	10.0	9.97		mg/Kg		100	80 - 120
Barium	200	205		mg/Kg		102	80 - 120
Beryllium	5.00	5.14		mg/Kg		103	80 - 120
Boron	100	103		mg/Kg		103	80 - 120
Cadmium	5.00	4.95		mg/Kg		99	80 - 120
Chromium	20.0	20.6		mg/Kg		103	80 - 120
Cobalt	50.0	50.2		mg/Kg		100	80 - 120

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-822697/2-A

Matrix: Solid

Analysis Batch: 823785

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Copper	25.0	26.1		mg/Kg		104	80 - 120
Iron	100	102		mg/Kg		102	80 - 120
Lead	10.0	9.96		mg/Kg		100	80 - 120
Magnesium	1000	1010		mg/Kg		101	80 - 120
Manganese	50.0	48.8		mg/Kg		98	80 - 120
Nickel	50.0	51.4		mg/Kg		103	80 - 120
Thallium	10.0	10.4		mg/Kg		104	80 - 120
Vanadium	50.0	50.1		mg/Kg		100	80 - 120
Zinc	50.0	54.2		mg/Kg		108	80 - 120

Lab Sample ID: LCS 500-822697/2-A

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	10.0	9.37		mg/Kg		94	80 - 120
Silver	5.00	4.49		mg/Kg		90	80 - 120

Lab Sample ID: 500-270096-16 MS

Matrix: Solid

Analysis Batch: 823785

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<1.2	F1	29.1	6.76	F1	mg/Kg	✱	23	75 - 125
Arsenic	7.2	F1 F2	5.81	11.0	F1	mg/Kg	✱	66	75 - 125
Barium	49	F2	116	138		mg/Kg	✱	77	75 - 125
Beryllium	0.79		2.91	3.23		mg/Kg	✱	84	75 - 125
Boron	21		58.1	72.3		mg/Kg	✱	88	75 - 125
Cadmium	0.13		2.91	2.44		mg/Kg	✱	80	75 - 125
Chromium	23		11.6	33.5		mg/Kg	✱	95	75 - 125
Cobalt	12	F1 F2	29.1	37.6		mg/Kg	✱	90	75 - 125
Copper	21		14.5	31.8		mg/Kg	✱	76	75 - 125
Iron	20000		58.1	19300	4	mg/Kg	✱	-2000	75 - 125
Magnesium	26000		581	24600	4	mg/Kg	✱	-249	75 - 125
Manganese	290	F2	29.1	286	4	mg/Kg	✱	-32	75 - 125
Nickel	32	F1 F2	29.1	57.0		mg/Kg	✱	85	75 - 125
Thallium	0.46	J	5.81	5.78		mg/Kg	✱	91	75 - 125
Vanadium	29		29.1	56.5		mg/Kg	✱	95	75 - 125
Zinc	70	B	29.1	94.5		mg/Kg	✱	83	75 - 125

Lab Sample ID: 500-270096-16 MS

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	<0.59		5.81	4.37		mg/Kg	✱	75	75 - 125
Silver	<0.29	L F1	2.91	1.36	F1	mg/Kg	✱	47	75 - 125

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: 500-270096-16 MS

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	14		5.81	19.1		mg/Kg	✱	82	75 - 125

Lab Sample ID: 500-270096-16 MSD

Matrix: Solid

Analysis Batch: 823785

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<1.2	F1	29.5	6.64	F1	mg/Kg	✱	22	75 - 125	2	20
Arsenic	7.2	F1 F2	5.90	15.2	F1 F2	mg/Kg	✱	135	75 - 125	32	20
Barium	49	F2	118	173	F2	mg/Kg	✱	105	75 - 125	22	20
Beryllium	0.79		2.95	3.31		mg/Kg	✱	85	75 - 125	2	20
Boron	21		59.0	71.4		mg/Kg	✱	85	75 - 125	1	20
Cadmium	0.13		2.95	2.51		mg/Kg	✱	81	75 - 125	2	20
Chromium	23		11.8	34.0		mg/Kg	✱	97	75 - 125	1	20
Cobalt	12	F1 F2	29.5	52.4	F1 F2	mg/Kg	✱	138	75 - 125	33	20
Copper	21		14.8	34.8		mg/Kg	✱	96	75 - 125	9	20
Iron	20000		59.0	23500	4	mg/Kg	✱	5146	75 - 125	20	20
Magnesium	26000		590	24900	4	mg/Kg	✱	-196	75 - 125	1	20
Manganese	290	F2	29.5	553	4 F2	mg/Kg	✱	875	75 - 125	64	20
Nickel	32	F1 F2	29.5	80.7	F1 F2	mg/Kg	✱	164	75 - 125	35	20
Thallium	0.46	J	5.90	6.20		mg/Kg	✱	97	75 - 125	7	20
Vanadium	29		29.5	58.9		mg/Kg	✱	101	75 - 125	4	20
Zinc	70	B	29.5	104		mg/Kg	✱	113	75 - 125	9	20

Lab Sample ID: 500-270096-16 MSD

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Selenium	<0.59		5.90	4.56		mg/Kg	✱	77	75 - 125	4	20
Silver	<0.29	L F1	2.95	1.13	F1	mg/Kg	✱	38	75 - 125	18	20

Lab Sample ID: 500-270096-16 MSD

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	14		5.90	21.4		mg/Kg	✱	120	75 - 125	11	20

Lab Sample ID: 500-270096-16 DU

Matrix: Solid

Analysis Batch: 823785

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<1.2	F1	<1.1		mg/Kg	✱	NC	20
Arsenic	7.2	F1 F2	7.21		mg/Kg	✱	0.3	20
Barium	49	F2	47.4		mg/Kg	✱	2	20
Beryllium	0.79		0.756		mg/Kg	✱	5	20
Boron	21		18.6		mg/Kg	✱	12	20

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: 500-270096-16 DU

Matrix: Solid

Analysis Batch: 823785

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Cadmium	0.13		0.122		mg/Kg	✖	5	20
Chromium	23		21.7		mg/Kg	✖	4	20
Cobalt	12	F1 F2	17.4	F3	mg/Kg	✖	40	20
Copper	21		21.5		mg/Kg	✖	4	20
Iron	20000		19900		mg/Kg	✖	3	20
Magnesium	26000		22100		mg/Kg	✖	16	20
Manganese	290	F2	366	F3	mg/Kg	✖	22	20
Nickel	32	F1 F2	36.9		mg/Kg	✖	13	20
Thallium	0.46	J	0.550	J	mg/Kg	✖	18	20
Vanadium	29		27.3		mg/Kg	✖	6	20
Zinc	70	B	68.8		mg/Kg	✖	2	20

Lab Sample ID: 500-270096-16 DU

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Selenium	<0.59		<0.56		mg/Kg	✖	NC	20
Silver	<0.29	L F1	<0.28	L	mg/Kg	✖	NC	20

Lab Sample ID: 500-270096-16 DU

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Lead	14		14.7		mg/Kg	✖	2	20

Lab Sample ID: MB 500-822848/1-A

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 822848

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	<1.0		1.0	0.59	mg/Kg		06/23/25 08:59	06/30/25 19:27	1
Silver	0.155	J	0.50	0.13	mg/Kg		06/23/25 08:59	06/30/25 19:27	1

Lab Sample ID: LCS 500-822848/2-A

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822848

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	10.0	9.31		mg/Kg		93	80 - 120
Silver	5.00	4.23		mg/Kg		85	80 - 120

Lab Sample ID: LB 500-822250/1-B

Matrix: Solid

Analysis Batch: 822771

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 822509

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00721	J	0.010	0.0037	mg/L		06/19/25 15:35	06/20/25 16:15	1
Barium	0.00284	J	0.010	0.0012	mg/L		06/19/25 15:35	06/20/25 16:15	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LB 500-822250/1-B

Matrix: Solid

Analysis Batch: 822771

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 822509

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.0040		0.0040	0.00089	mg/L		06/19/25 15:35	06/20/25 16:15	1
Boron	<0.50		0.50	0.0056	mg/L		06/19/25 15:35	06/20/25 16:15	1
Cadmium	<0.0050		0.0050	0.00043	mg/L		06/19/25 15:35	06/20/25 16:15	1
Chromium	0.00235	J	0.010	0.0017	mg/L		06/19/25 15:35	06/20/25 16:15	1
Cobalt	<0.0050		0.0050	0.00078	mg/L		06/19/25 15:35	06/20/25 16:15	1
Copper	<0.010		0.010	0.0018	mg/L		06/19/25 15:35	06/20/25 16:15	1
Iron	0.0957	J	0.40	0.082	mg/L		06/19/25 15:35	06/20/25 16:15	1
Lead	<0.0075		0.0075	0.0027	mg/L		06/19/25 15:35	06/20/25 16:15	1
Manganese	<0.010		0.010	0.0023	mg/L		06/19/25 15:35	06/20/25 16:15	1
Nickel	<0.010		0.010	0.0048	mg/L		06/19/25 15:35	06/20/25 16:15	1
Selenium	0.00570	J	0.050	0.0053	mg/L		06/19/25 15:35	06/20/25 16:15	1
Silver	<0.0050		0.0050	0.0015	mg/L		06/19/25 15:35	06/20/25 16:15	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		06/19/25 15:35	06/20/25 16:15	1
Zinc	<0.50		0.50	0.0050	mg/L		06/19/25 15:35	06/20/25 16:15	1

Lab Sample ID: LB 500-822394/1-B

Matrix: Solid

Analysis Batch: 823443

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 822646

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.010	0.0037	mg/L		06/20/25 13:17	06/26/25 00:09	1
Barium	0.00300	J	0.010	0.0012	mg/L		06/20/25 13:17	06/26/25 00:09	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		06/20/25 13:17	06/26/25 00:09	1
Cadmium	<0.0050		0.0050	0.00043	mg/L		06/20/25 13:17	06/26/25 00:09	1
Chromium	0.00189	J	0.010	0.0017	mg/L		06/20/25 13:17	06/26/25 00:09	1
Cobalt	<0.0050		0.0050	0.00078	mg/L		06/20/25 13:17	06/26/25 00:09	1
Copper	<0.010		0.010	0.0018	mg/L		06/20/25 13:17	06/26/25 00:09	1
Iron	<0.40		0.40	0.082	mg/L		06/20/25 13:17	06/26/25 00:09	1
Lead	<0.0075		0.0075	0.0027	mg/L		06/20/25 13:17	06/26/25 00:09	1
Manganese	<0.010		0.010	0.0023	mg/L		06/20/25 13:17	06/26/25 00:09	1
Nickel	<0.010		0.010	0.0048	mg/L		06/20/25 13:17	06/26/25 00:09	1
Selenium	0.00623	J	0.050	0.0053	mg/L		06/20/25 13:17	06/26/25 00:09	1
Silver	<0.0050		0.0050	0.0015	mg/L		06/20/25 13:17	06/26/25 00:09	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		06/20/25 13:17	06/26/25 00:09	1

Lab Sample ID: LB 500-822394/1-B

Matrix: Solid

Analysis Batch: 823557

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 822646

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.50		0.50	0.0056	mg/L		06/20/25 13:17	06/26/25 14:24	1
Zinc	<0.50		0.50	0.0050	mg/L		06/20/25 13:17	06/26/25 14:24	1

Lab Sample ID: LB 500-822251/1-B

Matrix: Solid

Analysis Batch: 822772

Client Sample ID: Method Blank

Prep Type: SPLP East

Prep Batch: 822485

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.0075		0.0075	0.0027	mg/L		06/19/25 13:59	06/20/25 15:29	1

Eurofins Chicago

QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LB 500-822251/1-B

Matrix: Solid

Analysis Batch: 822772

Client Sample ID: Method Blank

Prep Type: SPLP East

Prep Batch: 822485

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	<0.010		0.010	0.0023	mg/L		06/19/25 13:59	06/20/25 15:29	1
Nickel	<0.010		0.010	0.0048	mg/L		06/19/25 13:59	06/20/25 15:29	1

Lab Sample ID: LB 500-822412/1-B

Matrix: Solid

Analysis Batch: 823048

Client Sample ID: Method Blank

Prep Type: SPLP East

Prep Batch: 822645

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.0075		0.0075	0.0027	mg/L		06/20/25 13:15	06/24/25 00:58	1

Lab Sample ID: LB 500-822412/1-B

Matrix: Solid

Analysis Batch: 823997

Client Sample ID: Method Blank

Prep Type: SPLP East

Prep Batch: 822645

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	<0.010		0.010	0.0023	mg/L		06/20/25 13:15	07/01/25 02:52	1
Nickel	<0.010		0.010	0.0048	mg/L		06/20/25 13:15	07/01/25 02:52	1

Lab Sample ID: 500-270096-15 MS

Matrix: Solid

Analysis Batch: 823048

Client Sample ID: 3641V-08-B01 (0-2)

Prep Type: SPLP East

Prep Batch: 822645

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.070		0.100	0.175		mg/L		105	75 - 125

Lab Sample ID: 500-270096-15 MS

Matrix: Solid

Analysis Batch: 823997

Client Sample ID: 3641V-08-B01 (0-2)

Prep Type: SPLP East

Prep Batch: 822645

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	0.53		0.500	1.01		mg/L		96	75 - 125
Nickel	0.23		0.500	0.763		mg/L		107	75 - 125

Lab Sample ID: 500-270096-15 DU

Matrix: Solid

Analysis Batch: 823048

Client Sample ID: 3641V-08-B01 (0-2)

Prep Type: SPLP East

Prep Batch: 822645

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Lead	0.070		0.0762		mg/L		9	20

Lab Sample ID: 500-270096-15 DU

Matrix: Solid

Analysis Batch: 823997

Client Sample ID: 3641V-08-B01 (0-2)

Prep Type: SPLP East

Prep Batch: 822645

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Manganese	0.53		0.618		mg/L		16	20
Nickel	0.23		0.255		mg/L		11	20

Eurofins Chicago

QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: LCS 500-822509/2-A

Matrix: Solid

Analysis Batch: 823349

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822509

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.566		mg/L		113	80 - 120
Thallium	0.100	0.107		mg/L		107	80 - 120

Lab Sample ID: LCS 500-822646/2-A

Matrix: Solid

Analysis Batch: 823349

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822646

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.577		mg/L		115	80 - 120
Thallium	0.100	0.108		mg/L		108	80 - 120

Lab Sample ID: LB 500-822250/1-B

Matrix: Solid

Analysis Batch: 823349

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 822509

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0060	mg/L		06/19/25 15:35	06/25/25 12:12	1
Thallium	<0.0020		0.0020	0.0020	mg/L		06/19/25 15:35	06/25/25 12:12	1

Lab Sample ID: LB 500-822394/1-B

Matrix: Solid

Analysis Batch: 823349

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 822646

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0060	mg/L		06/20/25 13:17	06/25/25 13:50	1
Thallium	<0.0020		0.0020	0.0020	mg/L		06/20/25 13:17	06/25/25 13:50	1

Method: 7470A - Mercury

Lab Sample ID: MB 500-822891/12-A

Matrix: Solid

Analysis Batch: 823110

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 822891

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/23/25 11:05	06/24/25 10:29	1

Lab Sample ID: LCS 500-822891/14-A

Matrix: Solid

Analysis Batch: 823110

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822891

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00227		mg/L		114	80 - 120

Lab Sample ID: MB 500-823094/12-A

Matrix: Solid

Analysis Batch: 823301

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 823094

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/24/25 11:05	06/25/25 11:25	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Method: 7470A - Mercury (Continued)

Lab Sample ID: LCS 500-823094/14-A
Matrix: Solid
Analysis Batch: 823301

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 823094

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00201		mg/L		101	80 - 120

Lab Sample ID: MB 500-823485/12-A
Matrix: Solid
Analysis Batch: 823684

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 823485

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/26/25 11:10	06/27/25 09:19	1

Lab Sample ID: LCS 500-823485/14-A
Matrix: Solid
Analysis Batch: 823684

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 823485

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00182		mg/L		91	80 - 120

Lab Sample ID: LB 500-822250/1-C
Matrix: Solid
Analysis Batch: 823110

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 822891

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000296		0.00020	0.00020	mg/L		06/23/25 11:05	06/24/25 10:31	1

Lab Sample ID: LB 500-822394/1-C
Matrix: Solid
Analysis Batch: 823301

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 823094

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000214		0.00020	0.00020	mg/L		06/24/25 11:05	06/25/25 12:08	1

Lab Sample ID: LB 500-822250/1-D
Matrix: Solid
Analysis Batch: 823684

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 823485

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000227		0.00020	0.00020	mg/L		06/26/25 11:10	06/27/25 09:50	1

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 500-823672/12-A
Matrix: Solid
Analysis Batch: 823885

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 823672

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.017		0.017	0.0069	mg/Kg		06/27/25 14:00	06/30/25 08:21	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823672/13-A

Matrix: Solid

Analysis Batch: 823885

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823672

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.167	0.153		mg/Kg		92	80 - 120

Lab Sample ID: 500-270096-9 MS

Matrix: Solid

Analysis Batch: 823885

Client Sample ID: 3641V-05-B02 (5-10)

Prep Type: Total/NA

Prep Batch: 823672

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.021		0.0872	0.120		mg/Kg	✱	114	75 - 125

Lab Sample ID: 500-270096-9 MSD

Matrix: Solid

Analysis Batch: 823885

Client Sample ID: 3641V-05-B02 (5-10)

Prep Type: Total/NA

Prep Batch: 823672

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.021		0.0887	0.118		mg/Kg	✱	110	75 - 125	2	20

Lab Sample ID: 500-270096-9 DU

Matrix: Solid

Analysis Batch: 823885

Client Sample ID: 3641V-05-B02 (5-10)

Prep Type: Total/NA

Prep Batch: 823672

Analyte	Sample Result	Sample Qualifier	Spike Added	DU Result	DU Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.021			0.0155	J F5	mg/Kg	✱			28	20

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

Lab Sample ID: MB 500-822449/1-A

Matrix: Solid

Analysis Batch: 822763

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 822449

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.24		0.24	0.12	mg/Kg		06/19/25 13:17	06/19/25 16:39	1

Lab Sample ID: LCS 500-822449/2-A

Matrix: Solid

Analysis Batch: 822763

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822449

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	2.40	2.30		mg/Kg		96	85 - 115

Lab Sample ID: 500-270096-1 MS

Matrix: Solid

Analysis Batch: 822763

Client Sample ID: 3641V-01-B02 (0-7)

Prep Type: Total/NA

Prep Batch: 822449

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	<0.25		2.50	2.45		mg/Kg	✱	98	75 - 125

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: 500-270096-1 MSD

Matrix: Solid

Analysis Batch: 822763

Client Sample ID: 3641V-01-B02 (0-7)

Prep Type: Total/NA

Prep Batch: 822449

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	<0.25		2.57	2.52		mg/Kg	✱	98	75 - 125	3	20

Lab Sample ID: 500-270096-15 MS

Matrix: Solid

Analysis Batch: 822763

Client Sample ID: 3641V-08-B01 (0-2)

Prep Type: Total/NA

Prep Batch: 822449

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	<0.26	F1 F2	2.68	1.28	F1	mg/Kg	✱	48	75 - 125		

Lab Sample ID: 500-270096-15 MSD

Matrix: Solid

Analysis Batch: 822763

Client Sample ID: 3641V-08-B01 (0-2)

Prep Type: Total/NA

Prep Batch: 822449

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	<0.26	F1 F2	2.59	0.337	F1 F2	mg/Kg	✱	13	75 - 125	117	20

Method: 9045D - pH

Lab Sample ID: 500-270096-14 DU

Matrix: Solid

Analysis Batch: 822679

Client Sample ID: 3641V-10-B01 (0-2)

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	8.3		8.0		SU		3	5

Lab Sample ID: 500-270096-14 DU

Matrix: Solid

Analysis Batch: 822833

Client Sample ID: 3641V-10-B01 (0-2)

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	8.3		8.0		SU		3	5

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-01-B02 (0-7)

Lab Sample ID: 500-270096-1

Date Collected: 06/16/25 10:45

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:22
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		5	823048	S1Z	EET CHI	06/23/25 23:29
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:10
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 12:45
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 10:53
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:25
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-01-B02 (0-7)

Lab Sample ID: 500-270096-1

Date Collected: 06/16/25 10:45

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 14:36
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 19:10
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/27/25 22:36
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 17:31
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 17:35
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:24
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:41

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Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-01-B02 (7-13)

Lab Sample ID: 500-270096-2

Date Collected: 06/16/25 10:50

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:26
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		5	823048	S1Z	EET CHI	06/23/25 23:33
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:23
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 12:49
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 10:55
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:27
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-01-B02 (7-13)

Lab Sample ID: 500-270096-2

Date Collected: 06/16/25 10:50

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 15:02
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 12:36
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/28/25 01:36
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 21:15
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 21:20
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:26
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:43

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-01-B01 (0-3)

Lab Sample ID: 500-270096-3

Date Collected: 06/16/25 11:05

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:31
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:28
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 12:53
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 10:57
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:30
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-01-B01 (0-3)

Lab Sample ID: 500-270096-3

Date Collected: 06/16/25 11:05

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 86.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823845	PMF	EET CHI	06/30/25 12:15
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 17:32
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/28/25 01:40
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 21:24
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 21:28
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:28
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:44

Client Sample ID: 3641V-05-B01 (0-5)

Lab Sample ID: 500-270096-4

Date Collected: 06/16/25 11:10

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:35

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B01 (0-5)

Lab Sample ID: 500-270096-4

Date Collected: 06/16/25 11:10

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		5	823048	S1Z	EET CHI	06/23/25 23:38
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:32
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 12:57
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 10:59
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:34
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B01 (0-5)

Lab Sample ID: 500-270096-4

Date Collected: 06/16/25 11:10

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 15:52
Total/NA	Prep	3546			823337	LH	EET CHI	06/25/25 14:04
Total/NA	Analysis	8270E		1	823422	GLR	EET CHI	06/26/25 12:50
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/28/25 01:45
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 21:33
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 21:37
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:30
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:45

Client Sample ID: 3641V-05-B01 (5-10)

Lab Sample ID: 500-270096-5

Date Collected: 06/16/25 11:15

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:39

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B01 (5-10)

Lab Sample ID: 500-270096-5

Date Collected: 06/16/25 11:15

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		5	823048	S1Z	EET CHI	06/23/25 23:42
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:37
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:01
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:01
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:37
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B01 (5-10)

Lab Sample ID: 500-270096-5

Date Collected: 06/16/25 11:15

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 16:17
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 13:01
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/28/25 01:49
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 21:42
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 21:46
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:31
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:46

Client Sample ID: 3641V-05-B01 (10-15)

Lab Sample ID: 500-270096-6

Date Collected: 06/16/25 11:20

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:44

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B01 (10-15)

Lab Sample ID: 500-270096-6

Date Collected: 06/16/25 11:20

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:42
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:05
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:03
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:39
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B01 (10-15)

Lab Sample ID: 500-270096-6

Date Collected: 06/16/25 11:20

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 16:43
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 19:59
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/28/25 01:54
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 21:59
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		10	823996	S1Z	EET CHI	06/30/25 22:03
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:33
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:46

Client Sample ID: 3641V-05-B02 (0-5)

Lab Sample ID: 500-270096-7

Date Collected: 06/16/25 11:35

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:48
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		5	823048	S1Z	EET CHI	06/23/25 23:47

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B02 (0-5)

Lab Sample ID: 500-270096-7

Date Collected: 06/16/25 11:35

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:46
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:09
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:04
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:42
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B02 (0-5)

Lab Sample ID: 500-270096-7

Date Collected: 06/16/25 11:35

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 17:08
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 13:25
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/28/25 01:58
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 22:08
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		5	824132	SJ	EET CHI	07/01/25 12:21
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:35
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:49

Client Sample ID: 3641V-05-B02 (0-5)D

Lab Sample ID: 500-270096-8

Date Collected: 06/16/25 11:40

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:52
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:51

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B02 (0-5)D

Lab Sample ID: 500-270096-8

Date Collected: 06/16/25 11:40

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:14
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:06
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:47
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B02 (0-5)D

Lab Sample ID: 500-270096-8

Date Collected: 06/16/25 11:40

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 17:33
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 14:14
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/28/25 02:03
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 22:12
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		5	824132	SJ	EET CHI	07/01/25 12:25
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:43
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:50

Client Sample ID: 3641V-05-B02 (5-10)

Lab Sample ID: 500-270096-9

Date Collected: 06/16/25 11:45

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:56
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:55
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:26

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B02 (5-10)

Lab Sample ID: 500-270096-9

Date Collected: 06/16/25 11:45

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:08
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:44
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B02 (5-10)

Lab Sample ID: 500-270096-9

Date Collected: 06/16/25 11:45

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823604	MM	EET CHI	06/27/25 14:27
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 17:56
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823757	S1Z	EET CHI	06/27/25 14:35
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823757	S1Z	EET CHI	06/27/25 15:54
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823767	S1Z	EET CHI	06/27/25 15:54
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823443	S1Z	EET CHI	06/26/25 04:02
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:45
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:51

Client Sample ID: 3641V-05-B03 (0-5)

Lab Sample ID: 500-270096-10

Date Collected: 06/16/25 11:55

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 17:01
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 18:00
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:30
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:10

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B03 (0-5)

Lab Sample ID: 500-270096-10

Date Collected: 06/16/25 11:55

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:49
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B03 (0-5)

Lab Sample ID: 500-270096-10

Date Collected: 06/16/25 11:55

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 83.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 12:03
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 18:21
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823757	S1Z	EET CHI	06/27/25 14:48
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823757	S1Z	EET CHI	06/27/25 15:58
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823767	S1Z	EET CHI	06/27/25 15:58
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823443	S1Z	EET CHI	06/26/25 04:06
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:52
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:51

Client Sample ID: 3641V-05-B03 (5-10)

Lab Sample ID: 500-270096-11

Date Collected: 06/16/25 12:00

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 17:14
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 18:05
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:34
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:16
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:52
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B03 (5-10)

Lab Sample ID: 500-270096-11

Date Collected: 06/16/25 12:00

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 12:28
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 18:46
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823757	S1Z	EET CHI	06/27/25 14:52
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823757	S1Z	EET CHI	06/27/25 16:02
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823767	S1Z	EET CHI	06/27/25 16:02
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823443	S1Z	EET CHI	06/26/25 04:10
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:54
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:53

Client Sample ID: 3641V-05-B04 (0-2)

Lab Sample ID: 500-270096-12

Date Collected: 06/16/25 12:05

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 17:18
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 18:18
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:38
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			823485	MJG	EET CHI	06/26/25 11:10 - 06/26/25 13:10 ¹
TCLP	Analysis	7470A		1	823684	MJG	EET CHI	06/27/25 09:55
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:54
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B04 (0-2)

Lab Sample ID: 500-270096-12

Date Collected: 06/16/25 12:05

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 12:54

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B04 (0-2)

Lab Sample ID: 500-270096-12

Date Collected: 06/16/25 12:05

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 15:53
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823757	S1Z	EET CHI	06/27/25 14:57
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823767	S1Z	EET CHI	06/27/25 16:07
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823443	S1Z	EET CHI	06/26/25 04:15
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:56
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:53

Client Sample ID: 3641V-09-B01 (0-2)

Lab Sample ID: 500-270096-13

Date Collected: 06/16/25 12:10

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 17:23
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 18:23
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:42
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:20
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:57
Total/NA	Analysis	Moisture		1	822310	RB	EET CHI	06/18/25 15:36

Client Sample ID: 3641V-09-B01 (0-2)

Lab Sample ID: 500-270096-13

Date Collected: 06/16/25 12:10

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 13:19
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 16:18
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823757	S1Z	EET CHI	06/27/25 15:01

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-09-B01 (0-2)

Lab Sample ID: 500-270096-13

Date Collected: 06/16/25 12:10

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823767	S1Z	EET CHI	06/27/25 16:11
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823443	S1Z	EET CHI	06/26/25 04:19
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:57
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:53

Client Sample ID: 3641V-10-B01 (0-2)

Lab Sample ID: 500-270096-14

Date Collected: 06/16/25 12:15

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 17:27
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 18:27
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:46
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:21
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 14:01
Total/NA	Analysis	Moisture		1	822310	RB	EET CHI	06/18/25 15:36

Client Sample ID: 3641V-10-B01 (0-2)

Lab Sample ID: 500-270096-14

Date Collected: 06/16/25 12:15

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 13:45
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 14:39
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823757	S1Z	EET CHI	06/27/25 15:06
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	824227	S1Z	EET CHI	07/01/25 18:19
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823443	S1Z	EET CHI	06/26/25 04:33

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-10-B01 (0-2)

Lab Sample ID: 500-270096-14

Date Collected: 06/16/25 12:15

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:59
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:55

Client Sample ID: 3641V-08-B01 (0-2)

Lab Sample ID: 500-270096-15

Date Collected: 06/16/25 12:20

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822412	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
SPLP East	Prep	3010A			822645	MS	EET CHI	06/20/25 13:15 - 06/20/25 19:15 ¹
SPLP East	Analysis	6010D		1	823997	SJ	EET CHI	07/01/25 03:00
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823443	S1Z	EET CHI	06/25/25 16:19
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823557	S1Z	EET CHI	06/26/25 14:33
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 14:07
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	7470A			823094	MJG	EET CHI	06/24/25 11:05 - 06/24/25 13:05 ¹
TCLP	Analysis	7470A		1	823301	MJG	EET CHI	06/25/25 12:10
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 14:06
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-08-B01 (0-2)

Lab Sample ID: 500-270096-15

Date Collected: 06/16/25 12:20

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823604	MM	EET CHI	06/27/25 14:55
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 19:35
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823757	S1Z	EET CHI	06/27/25 15:10
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823757	S1Z	EET CHI	06/27/25 16:15
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823767	S1Z	EET CHI	06/27/25 16:15
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823443	S1Z	EET CHI	06/26/25 04:37

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Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-08-B01 (0-2)

Lab Sample ID: 500-270096-15

Date Collected: 06/16/25 12:20

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 09:06
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:55

Client Sample ID: 3641V-06-B02 (0-2)

Lab Sample ID: 500-270096-16

Date Collected: 06/16/25 12:25

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822412	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
SPLP East	Prep	3010A			822645	MS	EET CHI	06/20/25 13:15 - 06/20/25 19:15 ¹
SPLP East	Analysis	6010D		1	823997	SJ	EET CHI	07/01/25 03:18
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823443	S1Z	EET CHI	06/25/25 16:24
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823557	S1Z	EET CHI	06/26/25 14:52
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 14:11
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	7470A			823094	MJG	EET CHI	06/24/25 11:05 - 06/24/25 13:05 ¹
TCLP	Analysis	7470A		1	823301	MJG	EET CHI	06/25/25 12:12
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 14:09
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-06-B02 (0-2)

Lab Sample ID: 500-270096-16

Date Collected: 06/16/25 12:25

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 83.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823459	MM	EET CHI	06/26/25 18:44
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 16:42
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/27/25 21:52
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 16:04
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 16:08
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 09:08

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-06-B02 (0-2)

Lab Sample ID: 500-270096-16

Date Collected: 06/16/25 12:25

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 83.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 17:00

Client Sample ID: 3641V-06-B01 (0-2)

Lab Sample ID: 500-270096-17

Date Collected: 06/16/25 12:30

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822412	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
SPLP East	Prep	3010A			822645	MS	EET CHI	06/20/25 13:15 - 06/20/25 19:15 ¹
SPLP East	Analysis	6010D		1	823997	SJ	EET CHI	07/01/25 03:22
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823443	S1Z	EET CHI	06/25/25 16:28
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823557	S1Z	EET CHI	06/26/25 14:56
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 14:15
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	7470A			823094	MJG	EET CHI	06/24/25 11:05 - 06/24/25 13:05 ¹
TCLP	Analysis	7470A		1	823301	MJG	EET CHI	06/25/25 12:27
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 14:11
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-06-B01 (0-2)

Lab Sample ID: 500-270096-17

Date Collected: 06/16/25 12:30

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 88.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823459	MM	EET CHI	06/26/25 19:11
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 17:07
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/27/25 22:23
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 16:56
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 17:01
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 09:09
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 17:00

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-04-B02 (0-2)

Lab Sample ID: 500-270096-18

Date Collected: 06/16/25 12:35

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822412	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
SPLP East	Prep	3010A			822645	MS	EET CHI	06/20/25 13:15 - 06/20/25 19:15 ¹
SPLP East	Analysis	6010D		1	823997	SJ	EET CHI	07/01/25 03:26
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823443	S1Z	EET CHI	06/25/25 16:42
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823557	S1Z	EET CHI	06/26/25 15:01
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 14:19
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	7470A			823094	MJG	EET CHI	06/24/25 11:05 - 06/24/25 13:05 ¹
TCLP	Analysis	7470A		1	823301	MJG	EET CHI	06/25/25 12:29
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 14:14
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-04-B02 (0-2)

Lab Sample ID: 500-270096-18

Date Collected: 06/16/25 12:35

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823459	MM	EET CHI	06/26/25 19:38
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 15:04
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/27/25 22:27
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 17:05
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 17:09
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 09:11
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 17:01

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-04-B01 (0-2)

Lab Sample ID: 500-270096-19

Date Collected: 06/16/25 12:40

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822412	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
SPLP East	Prep	3010A			822645	MS	EET CHI	06/20/25 13:15 - 06/20/25 19:15 ¹
SPLP East	Analysis	6010D		1	823997	SJ	EET CHI	07/01/25 03:31
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823443	S1Z	EET CHI	06/25/25 16:46
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823557	S1Z	EET CHI	06/26/25 15:06
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 14:23
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	7470A			823094	MJG	EET CHI	06/24/25 11:05 - 06/24/25 13:05 ¹
TCLP	Analysis	7470A		1	823301	MJG	EET CHI	06/25/25 12:31
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 14:16
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-04-B01 (0-2)

Lab Sample ID: 500-270096-19

Date Collected: 06/16/25 12:40

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 89.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823459	MM	EET CHI	06/26/25 20:07
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 15:28
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/27/25 22:32
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 17:14
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 17:18
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 09:13
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 17:02

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-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Address _____

_____Regulatory Program. ☐ DW ☐ NPDES ☐ RCRA ☐ Other

Client Contact		Project Manager <u>J. Hughes</u>		Site Contact <u>T. Trujillo</u>		Date <u>6-16-25</u>		COC No <u>1</u> of <u>2</u> COCs								
Company Name <u>WSP</u>		Tel/Email		Lab Contact		Carrier		Sampler								
Address <u>30 N LaSalle St</u>		Analysis Turnaround Time ☒ CALENDAR DAYS ☐ WORKING DAYS TAT if different from Below _____ ☒ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Filtered Sample (Y/N) Perform MS/MSD (Y/N) VOCs SVOCs pH Y-Solids Total Metals TCLP &		 500-270096 COC		For Lab Use Only								
City/State/Zip <u>Chicago IL 60602</u>								Walk-in Client								
Phone								Lab Sampling								
Fax																
Project Name <u>WSP 11 W057A Hoffman Estates</u>								Job / SDG No								
Site <u>US-WSP-31463035.2676</u>								<u>500-270096</u>								
PO #																
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	VOCs	SVOCs	pH	Y-Solids	Total Metals	TCLP &	500-270096 COC	Sample Specific Notes
1	3641V-01-B02 (0-7)	6/16/25	1045	G	S	2			/	/	/	/	/	/		
2	3641V-01-B02 (7-13)		1050						/	/	/	/	/	/		
3	3641V-01-B01 (0-3)		1105						/	/	/	/	/	/		
4	3641V-05-B01 (0-5)		1110						/	/	/	/	/	/		
5	3641V-05-B01 (5-10)		1115						/	/	/	/	/	/		
6	3641V-05-B01 (10-15)		1120						/	/	/	/	/	/		
7	3641V-05-B02 (0-5)		1135						/	/	/	/	/	/		
8	3641V-05-B02 (0-5) Dup		1140						/	/	/	/	/	/		
9	3641V-05-B02 (5-10)		1145						/	/	/	/	/	/		
10	3641V-05-B03 (0-5)		1155						/	/	/	/	/	/		
11	3641V-05-B03 (5-10)		1200						/	/	/	/	/	/		
12	3641V-05-B04 (0-2)	✓	1205						/	/	/	/	/	/		
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other _____																
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample							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: <u>* SPLP analysis based on TCLP results</u>																
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No		Cooler Temp (°C) Obs'd _____ Corr'd _____		Therm ID No _____										
Relinquished by <u>107717</u>		Company <u>WSP</u>		Date/Time <u>6-16-25</u>		Received by		Company		Date/Time						
Relinquished by		Company		Date/Time <u>1440</u>		Received by		Company		Date/Time						
Relinquished by		Company		Date/Time		Received in Laboratory by <u>Adrian Kuy</u>		Company <u>FEETA</u>		Date/Time <u>06/16/25 1440</u>						

Address _____

_____Regulatory Program. ☐ DW ☐ NPDES ☐ RCRA ☐ Other: _____

Client Contact		Project Manager <u>J. Hughes</u>		Site Contact <u>T. Tojmar</u>		Date <u>6/16/25</u>		COC No <u>2</u>			
Company Name <u>WSP</u>		Tel/Email _____		Lab Contact _____		Carrier _____		<u>2</u> of <u>2</u> COCs			
Address <u>30 N LaSalle St</u>		Analysis Turnaround Time		Filtered Sample (Y/N) Perform MS/MSD (Y/N) <u>NOCs</u> <u>SVOCs</u> <u>pH</u> <u>Solids</u> <u>Total Metals</u> <u>TCLP</u>				Sampler _____			
City/State/Zip <u>Ch. Cgo, IL 60602</u>		☒ CALENDAR DAYS ☐ WORKING DAYS						For Lab Use Only.			
Phone _____		TAT if different from Below _____						Walk-in Client _____			
Fax _____		☒ 2 weeks						Lab Sampling _____			
Project Name <u>BP 11 W57A Hoffman Estates</u>		☐ 1 week						Job / SDG No			
Site <u>US-WSP-31403035 7676</u>		☐ 2 days		<u>500-270096</u>							
P O # _____		☐ 1 day									
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Sample Specific Notes				
13 <u>3641V-09-B01 (0-2)</u>		<u>6/16/25</u>	<u>1210</u>	<u>G</u>	<u>S</u>	<u>2</u>					
14 <u>3641V-10-B01 (0-2)</u>		<u>1</u>	<u>1215</u>	<u>1</u>	<u>1</u>	<u>1</u>					
15 <u>3641V-08-B01 (0-2)</u>		<u>1</u>	<u>1220</u>	<u>1</u>	<u>1</u>	<u>1</u>					
16 <u>3641V-06-B02 (0-2)</u>		<u>1</u>	<u>1225</u>	<u>1</u>	<u>1</u>	<u>1</u>					
17 <u>3641V-06-B01 (0-2)</u>		<u>1</u>	<u>1230</u>	<u>1</u>	<u>1</u>	<u>1</u>					
18 <u>3641V-04-B02 (0-4)</u>		<u>1</u>	<u>1235</u>	<u>1</u>	<u>1</u>	<u>1</u>					
19 <u>3641V-04-B01 (0-2)</u>		<u>1</u>	<u>1240</u>	<u>1</u>	<u>1</u>	<u>1</u>					
Preservation Used: 1=Ice, 2=HCl; 3=H2SO4; 4=HNO3; 5=NaOH; 6=Other _____											
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample						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: <u>\$ SPLP analysis based on TCLP results</u>											
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No _____		Cooler Temp (°C) Obs'd _____		Corr'd _____		Therm ID No _____			
Relinquished by <u>7/7/25</u>		Company <u>WSP</u>		Date/Time <u>6-16-25</u>		Received by _____		Company _____			
Relinquished by _____		Company _____		Date/Time <u>1440</u>		Received by _____		Company _____			
Relinquished by _____		Company _____		Date/Time _____		Received in Laboratory by <u>And Kye</u>		Company <u>EZETA</u>			
								Date/Time <u>06/16/25 1440</u>			

Login Sample Receipt Checklist

Client: WSP USA Inc

Job Number: 500-270096-1

Login Number: 270096

List Source: Eurofins Chicago

List Number: 1

Creator: Scott, Sherri L

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	Received same day of collection; chilling process has begun.
Cooler Temperature is recorded.	True	9.9,12.6,10.4
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 <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: FAP 341 (IL 72) Office Phone Number, if available: _____

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

1685 W. Higgins Road (ISGS #3641V-4)

City: Hoffman Estates State: IL Zip Code: 60169

County: Cook Township: Schaumburg

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

Latitude: 42.05228 Longitude: - 88.12099

(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.): 117

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)]:

Locations 3641V-04-B01 and -B02 were sampled within the construction zone adjacent to ISGS #3641V-4 (Triphahn Center). Refer to PSI Report for ISGS #3641V-4 (Triphahn Center) including Table 4-3, and Figure 4-1.

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

See attached data summary table and associated laboratory data package J270096-1 .

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

I, Thomas C. Campbell, P.E. (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: 115 W Washington St. Suite 1270S
City: Indianapolis State: IN Zip Code: 46204
Phone: (317) 972-1706

Thomas C. Campbell, P.E.

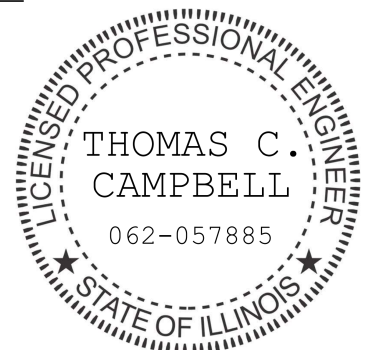
Printed Name:

Thomas C. Campbell

Licensed Professional Engineer or
Licensed Professional Geologist Signature:

12/01/2025

Date:



Expires **11/30/2027**

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

Analytical Data Summary
PTB #196-002; Work Order 57A - IDOT Job # D-91-147-23

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 57A - IDOT Job # D-91-147-23

CONTAMINANTS OF CONCERN

SITE	ISGS #3641V-4 (Triphahn Center)		Comparison Criteria					
BORING	3641V-04-B01	3641V-04-B02	MACs			TACO		
SAMPLE	3641V-04-B01 (0-2)	3641V-04-B02 (0-2)	Most Stringent	Within an MSA	Within Chicago	Residential	Construction Worker	SCGIER
MATRIX	Soil	Soil						
DEPTH (feet)	0-2	0-2						
pH	8.9	7.4						
PID (meter units)	--	--						
VOCs (None Detected)								
SVOCs (mg/kg)								
Inorganics (mg/kg)								
Arsenic	7.2	7.4	11.3	13	--	13	61	--
Barium	53	40	1,500	--	--	5,500	14,000	--
Beryllium	0.66	0.73	22	--	--	160	410	--
Boron	20	20	40	--	--	16,000	41,000	--
Cadmium	0.18	0.11	5.2	--	--	78	200	--
Chromium	19	19	21	--	--	230	690	--
Cobalt	14	11	20	--	--	4,700	12,000	--
Copper	23	23	2,900	--	--	2,900	8,200	--
Iron	17,000 †m	18,000 †m	15,000	15,900	--	--	--	--
Lead	19	16	107	--	--	400	700	--
Magnesium	30,000	29,000	325,000	--	--	--	730,000	--
Manganese	450	320	630	636	--	1,600	4,100	--
Mercury	0.019	0.029	0.89	--	--	10	0.1	--
Nickel	34	30	100	--	--	1,600	4,100	--
Selenium	0.44 J	ND U	1.3	--	--	390	1,000	--
Thallium	0.32 J	0.34 J	2.6	--	--	6.3	160	--
Vanadium	23	24	550	--	--	550	1,400	--
Zinc	56	60	5,100	--	--	23,000	61,000	--
TCLP Metals (mg/L)								
Barium	0.41	0.32	--	--	--	--	--	2
Boron	0.076 J	ND U	--	--	--	--	--	2
Cadmium	0.0022 J	0.0019 J	--	--	--	--	--	0.005
Chromium	ND U	ND U	--	--	--	--	--	0.1
Cobalt	0.00098 J	ND U	--	--	--	--	--	1
Copper	0.0041 J	0.0031 J	--	--	--	--	--	0.65
Iron	0.69	0.21 J	--	--	--	--	--	5
Manganese	1.2 L	0.66 L	--	--	--	--	--	0.15
Nickel	0.012	0.0085 J	--	--	--	--	--	0.1
SPLP Metals (mg/L)								
Manganese	1.6 L	0.50 L	--	--	--	--	--	0.15

ANALYTICAL REPORT

PREPARED FOR

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

Generated 7/8/2025 5:29:22 PM Revision 1

JOB DESCRIPTION

IDOT - 196-002-WO57A IL 72 Hoffman Estates

JOB NUMBER

500-270096-1

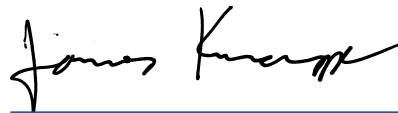
Eurofins Chicago

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



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

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7/8/2025 5:29:22 PM
Revision 1

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Case Narrative

Client: WSP USA Inc
Project: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Job ID: 500-270096-1

Eurofins Chicago

Job Narrative 500-270096-1

Revision

The report being provided is a revision of the original report sent on 7/2/2025. The report (revision 1) is being revised to include more details on the narrative below for method 8260D..

Receipt

The samples were received on 6/16/2025 2:40 PM. 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 9.9° C, 10.4° C and 12.6° C.

GC/MS VOA

Method 8260D: Internal standard (1,4-Dichlorobenzene-d4) response was outside of acceptance limits for the following sample: 3641V-05-B01 (5-10) (500-270096-5), 3641V-05-B01 (10-15) (500-270096-6), 3641V-05-B02 (0-5) (500-270096-7), 3641V-05-B02 (0-5)D (500-270096-8), 3641V-05-B03 (0-5) (500-270096-10), 3641V-05-B03 (5-10) (500-270096-11), 3641V-05-B04 (0-2) (500-270096-12) and 3641V-09-B01 (0-2) (500-270096-13). The sample did not have detects of requested analytes using this internal standard. Surrogate 4-Bromofluorobenzene is also being quantitated with this internal standard.

Method 8260D: Surrogate recovery for the following samples were outside the upper control limit: 3641V-05-B01 (10-15) (500-270096-6), 3641V-05-B03 (0-5) (500-270096-10), 3641V-05-B03 (5-10) (500-270096-11) and 3641V-05-B04 (0-2) (500-270096-12). This sample did not contain any target analytes above the reporting limit; therefore, re-extraction and/or re-analysis was not performed.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 500-823459 was outside the method criteria for the following analyte(s): 2-hexanone,4-methyl-2-pentanone, acetone, 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 500-823459 recovered outside control limits for the following analytes: Chloromethane. These analytes were biased low in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: Surrogate recovery for the following sample was outside the upper control limit: 3641V-08-B01 (0-2) (500-270096-15). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 500-823604 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 laboratory control sample duplicate (LCSD) for analytical batch 500-823845 recovered outside control limits for the following analytes: Carbon tetrachloride. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.
(LCSD 500-823845/9)

Method 8260D: The following analyte(s) recovered outside control limits for the LCS associated with analytical batch 500-823222: Bromomethane. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.(LCS 500-823222/7)

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 500-823222 was outside the method criteria for the following analyte(s): carbon disulfide, bromomethane. 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.

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 500-823426 was outside the method criteria for the following analyte(s): 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.

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Case Narrative

Client: WSP USA Inc
Project: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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Method 8270E: The continuing calibration verification (CCV) analyzed in 500-823426 was outside the method criteria for the following analyte(s): 2,2'-oxybis[1-chloropropane], 2-Nitroaniline, 4,6-Dinitro-2-methylphenol, Benzo[b]fluoranthene, Bis(2-chloroethyl)ether, Isophorone, Nitrobenzene, N-Nitrosodi-n-propylamine and Nitrobenzene-d5 (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 continuing calibration verification (CCV) analyzed in 500-823422 was outside the method criteria for the following analyte(s): 2,4-Dinitrophenol. 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 500-823337 and analytical batch 500-823620 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.

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

Metals

Method 6010D: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3641V-01-B02 (0-7) (500-270096-1), 3641V-01-B02 (7-13) (500-270096-2), 3641V-05-B01 (0-5) (500-270096-4), 3641V-05-B01 (5-10) (500-270096-5) and 3641V-05-B02 (0-5) (500-270096-7). Elevated reporting limits (RLs) are provided.

Method 6010D: The method blank for leach batch 822394 contained Ba, Cr, and Se 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 laboratory control sample (LCS) for preparation batch 500-822394 and 500-822646 and analytical batch 500-823557 recovered outside control limits for the following analytes: Zinc. These analytes were biased high in the LCS and were not detected above the reporting limit in the associated samples; therefore, the data have been reported.

Method 6010D: The continuing calibration verification (CCV) associated with batch 500-823557 recovered above the upper control limit for Zinc. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are: 3641V-06-B02 (0-2) (500-270096-16), 3641V-06-B01 (0-2) (500-270096-17), 3641V-04-B02 (0-2) (500-270096-18) and 3641V-04-B01 (0-2) (500-270096-19).

Methods 200.7 Rev 4.4, 6010D: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3641V-05-B02 (5-10) (500-270096-9), 3641V-05-B03 (0-5) (500-270096-10), 3641V-05-B03 (5-10) (500-270096-11), 3641V-05-B04 (0-2) (500-270096-12), 3641V-09-B01 (0-2) (500-270096-13) and 3641V-08-B01 (0-2) (500-270096-15). Elevated reporting limits (RLs) are provided.

Method 6010D: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3641V-05-B02 (5-10) (500-270096-9), 3641V-05-B03 (0-5) (500-270096-10), 3641V-05-B03 (5-10) (500-270096-11), 3641V-05-B04 (0-2) (500-270096-12), 3641V-09-B01 (0-2) (500-270096-13) and 3641V-08-B01 (0-2) (500-270096-15). Elevated reporting limits (RLs) are provided.

Method 6010D: The method blank for preparation batch 500-822697 and analytical batch 500-823785 contained 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: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3641V-01-B02 (0-7) (500-270096-1), 3641V-01-B02 (7-13) (500-270096-2), 3641V-01-B01 (0-3) (500-270096-3), 3641V-05-B01 (0-5) (500-270096-4), 3641V-05-B01 (5-10) (500-270096-5), 3641V-05-B01 (10-15) (500-270096-6), 3641V-06-B02 (0-2) (500-270096-16), 3641V-06-B01 (0-2) (500-270096-17), 3641V-04-B02 (0-2) (500-270096-18), 3641V-04-B01 (0-2) (500-270096-19), (500-270096-D-16-G DU ^5), (500-270096-D-16-H MS ^5), (500-270096-D-16-I MSD ^5) and (500-270096-D-16-F SD ^25). Elevated reporting limits (RLs) are provided.

Method 6010D: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3641V-05-B02 (0-5) (500-270096-7) and 3641V-05-B02 (0-5)D (500-270096-8). Elevated reporting limits (RLs) are provided.

Methods 200.7 Rev 4.4, 6010D: The following sample was diluted to bring the concentration of target analytes within the calibration range: 3641V-10-B01 (0-2) (500-270096-14). Elevated reporting limits (RLs) are provided.

Method 7470A: Lab blank came above reporting limit. Sample #12 of 270096 was a hit and not reported.

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Case Narrative

Client: WSP USA Inc
Project: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Job ID: 500-270096-1 (Continued)

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(LB 500-822250/1-C)

Method 7470A: The filtered lab blank for preparation batch 500-822394 and 500-823094 contained mercury 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 7470A: The method blank for preparation batch 500-822250 and 500-823485 contained Mercury 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.

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 500-822449 and analytical batch 500-822763 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.

Organic Prep

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

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Detection Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-04-B02 (0-2)

Lab Sample ID: 500-270096-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	7.4		0.55	0.19	mg/Kg	1	✳		6010D	Total/NA
Barium	40		0.55	0.063	mg/Kg	1	✳		6010D	Total/NA
Beryllium	0.73		0.22	0.052	mg/Kg	1	✳		6010D	Total/NA
Boron	20		2.8	0.26	mg/Kg	1	✳		6010D	Total/NA
Cadmium	0.11		0.11	0.020	mg/Kg	1	✳		6010D	Total/NA
Chromium	19		0.55	0.27	mg/Kg	1	✳		6010D	Total/NA
Cobalt	11		0.28	0.072	mg/Kg	1	✳		6010D	Total/NA
Copper	23		0.55	0.15	mg/Kg	1	✳		6010D	Total/NA
Iron	18000		11	5.8	mg/Kg	1	✳		6010D	Total/NA
Lead	16		1.4	0.64	mg/Kg	5	✳		6010D	Total/NA
Magnesium	29000		5.5	2.7	mg/Kg	1	✳		6010D	Total/NA
Manganese	320		0.55	0.080	mg/Kg	1	✳		6010D	Total/NA
Nickel	30		0.55	0.16	mg/Kg	1	✳		6010D	Total/NA
Thallium	0.34	J	0.55	0.28	mg/Kg	1	✳		6010D	Total/NA
Vanadium	24		0.28	0.065	mg/Kg	1	✳		6010D	Total/NA
Zinc	60	B	1.1	0.49	mg/Kg	1	✳		6010D	Total/NA
Barium	0.32	B	0.010	0.0012	mg/L	1			6010D	TCLP
Cadmium	0.0019	J	0.0050	0.00043	mg/L	1			6010D	TCLP
Copper	0.0031	J	0.010	0.0018	mg/L	1			6010D	TCLP
Iron	0.21	J	0.40	0.082	mg/L	1			6010D	TCLP
Manganese	0.66		0.010	0.0023	mg/L	1			6010D	TCLP
Nickel	0.0085	J	0.010	0.0048	mg/L	1			6010D	TCLP
Selenium	0.0059	J B	0.050	0.0053	mg/L	1			6010D	TCLP
Manganese	0.50		0.010	0.0023	mg/L	1			6010D	SPLP East
Mercury	0.029		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: 3641V-04-B01 (0-2)

Lab Sample ID: 500-270096-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	7.2		0.52	0.18	mg/Kg	1	✳		6010D	Total/NA
Barium	53		0.52	0.060	mg/Kg	1	✳		6010D	Total/NA
Beryllium	0.66		0.21	0.049	mg/Kg	1	✳		6010D	Total/NA
Boron	20		2.6	0.24	mg/Kg	1	✳		6010D	Total/NA
Cadmium	0.18		0.10	0.019	mg/Kg	1	✳		6010D	Total/NA
Chromium	19		0.52	0.26	mg/Kg	1	✳		6010D	Total/NA
Cobalt	14		0.26	0.069	mg/Kg	1	✳		6010D	Total/NA

This Detection Summary does not include radiochemical test results.

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Detection Summary

Client: WSP USA Inc

Job ID: 500-270096-1

Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Client Sample ID: 3641V-04-B01 (0-2) (Continued)

Lab Sample ID: 500-270096-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Copper	23		0.52	0.15	mg/Kg	1	✱		6010D	Total/NA
Iron	17000		10	5.4	mg/Kg	1	✱		6010D	Total/NA
Lead	19		1.3	0.60	mg/Kg	5	✱		6010D	Total/NA
Magnesium	30000		5.2	2.6	mg/Kg	1	✱		6010D	Total/NA
Manganese	450		0.52	0.076	mg/Kg	1	✱		6010D	Total/NA
Nickel	34		0.52	0.15	mg/Kg	1	✱		6010D	Total/NA
Selenium	0.44	J	0.52	0.31	mg/Kg	1	✱		6010D	Total/NA
Thallium	0.32	J	0.52	0.26	mg/Kg	1	✱		6010D	Total/NA
Vanadium	23		0.26	0.062	mg/Kg	1	✱		6010D	Total/NA
Zinc	56	B	1.0	0.46	mg/Kg	1	✱		6010D	Total/NA
Barium	0.41	B	0.010	0.0012	mg/L	1			6010D	TCLP
Boron	0.076	J	0.50	0.0056	mg/L	1			6010D	TCLP
Cadmium	0.0022	J	0.0050	0.00043	mg/L	1			6010D	TCLP
Cobalt	0.00098	J	0.0050	0.00078	mg/L	1			6010D	TCLP
Copper	0.0041	J	0.010	0.0018	mg/L	1			6010D	TCLP
Iron	0.69		0.40	0.082	mg/L	1			6010D	TCLP
Manganese	1.2		0.010	0.0023	mg/L	1			6010D	TCLP
Nickel	0.012		0.010	0.0048	mg/L	1			6010D	TCLP
Selenium	0.0064	J B	0.050	0.0053	mg/L	1			6010D	TCLP
Manganese	1.6		0.10	0.023	mg/L	1			6010D	SPLP East
Mercury	0.019		0.018	0.0073	mg/Kg	1	✱		7471B	Total/NA
pH	8.9		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: 500-270096-1

Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

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-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-270096-18	3641V-04-B02 (0-2)	Solid	06/16/25 12:35	06/16/25 14:40
500-270096-19	3641V-04-B01 (0-2)	Solid	06/16/25 12:40	06/16/25 14:40

Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-04-B02 (0-2)

Lab Sample ID: 500-270096-18

Date Collected: 06/16/25 12:35

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.5

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	0.0061	mg/Kg	☆	06/16/25 15:43	06/26/25 19:38	1
Benzene	<0.0014		0.0014	0.00045	mg/Kg	☆	06/16/25 15:43	06/26/25 19:38	1
Bromodichloromethane	<0.0014		0.0014	0.00046	mg/Kg	☆	06/16/25 15:43	06/26/25 19:38	1
Bromoform	<0.0014		0.0014	0.00084	mg/Kg	☆	06/16/25 15:43	06/26/25 19:38	1
Bromomethane	<0.0036		0.0036	0.0018	mg/Kg	☆	06/16/25 15:43	06/26/25 19:38	1
2-Butanone (MEK)	<0.0036		0.0036	0.0016	mg/Kg	☆	06/16/25 15:43	06/26/25 19:38	1
Carbon disulfide	<0.0036		0.0036	0.00066	mg/Kg	☆	06/16/25 15:43	06/26/25 19:38	1
Carbon tetrachloride	<0.0014		0.0014	0.00049	mg/Kg	☆	06/16/25 15:43	06/26/25 19:38	1
Chlorobenzene	<0.0014		0.0014	0.00061	mg/Kg	☆	06/16/25 15:43	06/26/25 19:38	1
Chloroethane	<0.0036		0.0036	0.0012	mg/Kg	☆	06/16/25 15:43	06/26/25 19:38	1
Chloroform	<0.0014		0.0014	0.0010	mg/Kg	☆	06/16/25 15:43	06/26/25 19:38	1
Chloromethane	<0.0036	*	0.0036	0.00070	mg/Kg	☆	06/16/25 15:43	06/26/25 19:38	1
cis-1,2-Dichloroethene	<0.0014		0.0014	0.00058	mg/Kg	☆	06/16/25 15:43	06/26/25 19:38	1
cis-1,3-Dichloropropene	<0.0014		0.0014	0.00058	mg/Kg	☆	06/16/25 15:43	06/26/25 19:38	1
Dibromochloromethane	<0.0014		0.0014	0.00067	mg/Kg	☆	06/16/25 15:43	06/26/25 19:38	1
1,2-Dibromo-3-Chloropropane	<0.0036		0.0036	0.0025	mg/Kg	☆	06/16/25 15:43	06/26/25 19:38	1
1,1-Dichloroethane	<0.0014		0.0014	0.00054	mg/Kg	☆	06/16/25 15:43	06/26/25 19:38	1
1,2-Dichloroethane	<0.0036		0.0036	0.00094	mg/Kg	☆	06/16/25 15:43	06/26/25 19:38	1
1,1-Dichloroethene	<0.0014		0.0014	0.00059	mg/Kg	☆	06/16/25 15:43	06/26/25 19:38	1
1,2-Dichloropropane	<0.0014		0.0014	0.00037	mg/Kg	☆	06/16/25 15:43	06/26/25 19:38	1
1,3-Dichloropropene, Total	<0.0014		0.0014	0.00069	mg/Kg	☆	06/16/25 15:43	06/26/25 19:38	1
Ethylbenzene	<0.0014		0.0014	0.00076	mg/Kg	☆	06/16/25 15:43	06/26/25 19:38	1
2-Hexanone	<0.0036		0.0036	0.0022	mg/Kg	☆	06/16/25 15:43	06/26/25 19:38	1
Methylene Chloride	<0.0036		0.0036	0.0015	mg/Kg	☆	06/16/25 15:43	06/26/25 19:38	1
4-Methyl-2-pentanone (MIBK)	<0.0036		0.0036	0.0026	mg/Kg	☆	06/16/25 15:43	06/26/25 19:38	1
Methyl tert-butyl ether	<0.0014		0.0014	0.00047	mg/Kg	☆	06/16/25 15:43	06/26/25 19:38	1
Styrene	<0.0014		0.0014	0.00065	mg/Kg	☆	06/16/25 15:43	06/26/25 19:38	1
1,1,2,2-Tetrachloroethane	<0.0014		0.0014	0.00072	mg/Kg	☆	06/16/25 15:43	06/26/25 19:38	1
Tetrachloroethene	<0.0014		0.0014	0.00081	mg/Kg	☆	06/16/25 15:43	06/26/25 19:38	1
Toluene	<0.0014		0.0014	0.00029	mg/Kg	☆	06/16/25 15:43	06/26/25 19:38	1
trans-1,2-Dichloroethene	<0.0014		0.0014	0.00055	mg/Kg	☆	06/16/25 15:43	06/26/25 19:38	1
trans-1,3-Dichloropropene	<0.0014		0.0014	0.00069	mg/Kg	☆	06/16/25 15:43	06/26/25 19:38	1
1,1,1-Trichloroethane	<0.0014		0.0014	0.00058	mg/Kg	☆	06/16/25 15:43	06/26/25 19:38	1
1,1,2-Trichloroethane	<0.0014		0.0014	0.00054	mg/Kg	☆	06/16/25 15:43	06/26/25 19:38	1
Trichloroethene	<0.0014		0.0014	0.00039	mg/Kg	☆	06/16/25 15:43	06/26/25 19:38	1
Vinyl acetate	<0.0036		0.0036	0.00086	mg/Kg	☆	06/16/25 15:43	06/26/25 19:38	1
Vinyl chloride	<0.0014		0.0014	0.00059	mg/Kg	☆	06/16/25 15:43	06/26/25 19:38	1
Xylenes, Total	<0.0029		0.0029	0.00050	mg/Kg	☆	06/16/25 15:43	06/26/25 19:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		75 - 131	06/16/25 15:43	06/26/25 19:38	1
Dibromofluoromethane	98		75 - 126	06/16/25 15:43	06/26/25 19:38	1
1,2-Dichloroethane-d4 (Surr)	98		70 - 134	06/16/25 15:43	06/26/25 19:38	1
Toluene-d8 (Surr)	107		75 - 124	06/16/25 15:43	06/26/25 19:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.026	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1
1,2-Dichlorobenzene	<0.19		0.19	0.015	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-04-B02 (0-2)

Lab Sample ID: 500-270096-18

Date Collected: 06/16/25 12:35

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.5

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	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.026	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1
2,4,5-Trichlorophenol	<0.37		0.37	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1
2,4,6-Trichlorophenol	<0.37		0.37	0.013	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1
2,4-Dichlorophenol	<0.37		0.37	0.013	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1
2,4-Dimethylphenol	<0.37		0.37	0.083	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1
2,4-Dinitrophenol	<0.75		0.75	0.21	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1
2,4-Dinitrotoluene	<0.19		0.19	0.021	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1
2,6-Dinitrotoluene	<0.19		0.19	0.026	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1
2-Methylnaphthalene	<0.075		0.075	0.0074	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1
2-Methylphenol	<0.19		0.19	0.019	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1
2-Nitroaniline	<0.19		0.19	0.020	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1
2-Nitrophenol	<0.37		0.37	0.025	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1
3 & 4 Methylphenol	<0.19		0.19	0.027	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.16	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1
3-Nitroaniline	<0.37		0.37	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.21	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.025	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1
4-Chloro-3-methylphenol	<0.37		0.37	0.031	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1
4-Chloroaniline	<0.75		0.75	0.39	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.048	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1
4-Nitroaniline	<0.37		0.37	0.027	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1
4-Nitrophenol	<0.75		0.75	0.40	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1
Acenaphthene	<0.037		0.037	0.0075	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1
Acenaphthylene	<0.037		0.037	0.0063	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1
Anthracene	<0.037		0.037	0.0075	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1
Benzo[a]anthracene	<0.037		0.037	0.0078	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1
Benzo[a]pyrene	<0.037		0.037	0.036	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1
Benzo[b]fluoranthene	<0.037		0.037	0.035	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1
Benzo[g,h,i]perylene	<0.037		0.037	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1
Benzo[k]fluoranthene	<0.037		0.037	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.14	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1
Butyl benzyl phthalate	<0.19		0.19	0.018	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1
Carbazole	<0.19		0.19	0.015	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1
Chrysene	<0.037		0.037	0.0097	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1
Dibenz(a,h)anthracene	<0.037		0.037	0.037	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1
Dibenzofuran	<0.19		0.19	0.013	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1
Diethyl phthalate	<0.19		0.19	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1
Dimethyl phthalate	<0.19		0.19	0.0080	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1
Di-n-octyl phthalate	<0.37		0.37	0.26	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1
Fluoranthene	<0.037		0.037	0.0086	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1
Fluorene	<0.037		0.037	0.011	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1
Hexachlorobenzene	<0.075		0.075	0.0071	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1
Hexachlorobutadiene	<0.19		0.19	0.021	mg/Kg	☆	06/25/25 07:38	06/26/25 15:04	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-04-B02 (0-2)

Lab Sample ID: 500-270096-18

Date Collected: 06/16/25 12:35

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.5

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	✱	06/25/25 07:38	06/26/25 15:04	1
Hexachloroethane	<0.19		0.19	0.018	mg/Kg	✱	06/25/25 07:38	06/26/25 15:04	1
Indeno[1,2,3-cd]pyrene	<0.037		0.037	0.036	mg/Kg	✱	06/25/25 07:38	06/26/25 15:04	1
Isophorone	<0.19		0.19	0.019	mg/Kg	✱	06/25/25 07:38	06/26/25 15:04	1
Naphthalene	<0.037		0.037	0.0067	mg/Kg	✱	06/25/25 07:38	06/26/25 15:04	1
Nitrobenzene	<0.037		0.037	0.012	mg/Kg	✱	06/25/25 07:38	06/26/25 15:04	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.021	mg/Kg	✱	06/25/25 07:38	06/26/25 15:04	1
N-Nitrosodiphenylamine	<0.19		0.19	0.073	mg/Kg	✱	06/25/25 07:38	06/26/25 15:04	1
Pentachlorophenol	<0.75		0.75	0.41	mg/Kg	✱	06/25/25 07:38	06/26/25 15:04	1
Phenanthrene	<0.037		0.037	0.0080	mg/Kg	✱	06/25/25 07:38	06/26/25 15:04	1
Phenol	<0.19		0.19	0.016	mg/Kg	✱	06/25/25 07:38	06/26/25 15:04	1
Pyrene	<0.037		0.037	0.010	mg/Kg	✱	06/25/25 07:38	06/26/25 15:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	68		31 - 166	06/25/25 07:38	06/26/25 15:04	1
Phenol-d5 (Surr)	77		30 - 153	06/25/25 07:38	06/26/25 15:04	1
Nitrobenzene-d5 (Surr)	82		37 - 147	06/25/25 07:38	06/26/25 15:04	1
2-Fluorobiphenyl (Surr)	78		43 - 145	06/25/25 07:38	06/26/25 15:04	1
2,4,6-Tribromophenol (Surr)	86		31 - 143	06/25/25 07:38	06/26/25 15:04	1
Terphenyl-d14 (Surr)	98		42 - 157	06/25/25 07:38	06/26/25 15:04	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	✱	06/20/25 16:13	06/27/25 22:27	1
Arsenic	7.4		0.55	0.19	mg/Kg	✱	06/20/25 16:13	06/27/25 22:27	1
Barium	40		0.55	0.063	mg/Kg	✱	06/20/25 16:13	06/27/25 22:27	1
Beryllium	0.73		0.22	0.052	mg/Kg	✱	06/20/25 16:13	06/27/25 22:27	1
Boron	20		2.8	0.26	mg/Kg	✱	06/20/25 16:13	06/27/25 22:27	1
Cadmium	0.11		0.11	0.020	mg/Kg	✱	06/20/25 16:13	06/27/25 22:27	1
Chromium	19		0.55	0.27	mg/Kg	✱	06/20/25 16:13	06/27/25 22:27	1
Cobalt	11		0.28	0.072	mg/Kg	✱	06/20/25 16:13	06/27/25 22:27	1
Copper	23		0.55	0.15	mg/Kg	✱	06/20/25 16:13	06/27/25 22:27	1
Iron	18000		11	5.8	mg/Kg	✱	06/20/25 16:13	06/27/25 22:27	1
Lead	16		1.4	0.64	mg/Kg	✱	06/20/25 16:13	06/30/25 17:09	5
Magnesium	29000		5.5	2.7	mg/Kg	✱	06/20/25 16:13	06/27/25 22:27	1
Manganese	320		0.55	0.080	mg/Kg	✱	06/20/25 16:13	06/27/25 22:27	1
Nickel	30		0.55	0.16	mg/Kg	✱	06/20/25 16:13	06/27/25 22:27	1
Selenium	<0.55		0.55	0.33	mg/Kg	✱	06/20/25 16:13	06/30/25 17:05	1
Silver	<1.4		1.4	0.36	mg/Kg	✱	06/20/25 16:13	06/30/25 17:09	5
Thallium	0.34 J		0.55	0.28	mg/Kg	✱	06/20/25 16:13	06/27/25 22:27	1
Vanadium	24		0.28	0.065	mg/Kg	✱	06/20/25 16:13	06/27/25 22:27	1
Zinc	60 B		1.1	0.49	mg/Kg	✱	06/20/25 16:13	06/27/25 22:27	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		06/20/25 13:17	06/25/25 16:42	1
Barium	0.32 B		0.010	0.0012	mg/L		06/20/25 13:17	06/25/25 16:42	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		06/20/25 13:17	06/25/25 16:42	1
Boron	<0.50		0.50	0.0056	mg/L		06/20/25 13:17	06/26/25 15:01	1
Cadmium	0.0019 J		0.0050	0.00043	mg/L		06/20/25 13:17	06/25/25 16:42	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-04-B02 (0-2)

Lab Sample ID: 500-270096-18

Date Collected: 06/16/25 12:35

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.5

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		06/20/25 13:17	06/25/25 16:42	1
Cobalt	<0.0050		0.0050	0.00078	mg/L		06/20/25 13:17	06/25/25 16:42	1
Copper	0.0031	J	0.010	0.0018	mg/L		06/20/25 13:17	06/25/25 16:42	1
Iron	0.21	J	0.40	0.082	mg/L		06/20/25 13:17	06/25/25 16:42	1
Lead	<0.0075		0.0075	0.0027	mg/L		06/20/25 13:17	06/26/25 15:01	1
Manganese	0.66		0.010	0.0023	mg/L		06/20/25 13:17	06/25/25 16:42	1
Nickel	0.0085	J	0.010	0.0048	mg/L		06/20/25 13:17	06/25/25 16:42	1
Selenium	0.0059	J B	0.050	0.0053	mg/L		06/20/25 13:17	06/25/25 16:42	1
Silver	<0.0050		0.0050	0.0015	mg/L		06/20/25 13:17	06/25/25 16:42	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		06/20/25 13:17	06/25/25 16:42	1
Zinc	<0.50	*+ ^+	0.50	0.0050	mg/L		06/20/25 13:17	06/26/25 15:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	0.50		0.010	0.0023	mg/L		06/20/25 13:15	07/01/25 03:26	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		06/20/25 13:17	06/25/25 14:19	1
Thallium	<0.0020		0.0020	0.0020	mg/L		06/20/25 13:17	06/25/25 14:19	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		06/24/25 11:05	06/25/25 12:29	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.029		0.019	0.0077	mg/Kg	☆	06/27/25 14:00	06/30/25 09:11	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	☆	06/19/25 13:17	06/19/25 17:01	1
pH (SW846 9045D)	7.4		0.2	0.2	SU			06/20/25 14:14	1

Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-04-B01 (0-2)

Lab Sample ID: 500-270096-19

Date Collected: 06/16/25 12:40

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 89.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.013		0.013	0.0055	mg/Kg	☆	06/16/25 15:43	06/26/25 20:07	1
Benzene	<0.0013		0.0013	0.00041	mg/Kg	☆	06/16/25 15:43	06/26/25 20:07	1
Bromodichloromethane	<0.0013		0.0013	0.00042	mg/Kg	☆	06/16/25 15:43	06/26/25 20:07	1
Bromoform	<0.0013		0.0013	0.00077	mg/Kg	☆	06/16/25 15:43	06/26/25 20:07	1
Bromomethane	<0.0033		0.0033	0.0016	mg/Kg	☆	06/16/25 15:43	06/26/25 20:07	1
2-Butanone (MEK)	<0.0033		0.0033	0.0014	mg/Kg	☆	06/16/25 15:43	06/26/25 20:07	1
Carbon disulfide	<0.0033		0.0033	0.00060	mg/Kg	☆	06/16/25 15:43	06/26/25 20:07	1
Carbon tetrachloride	<0.0013		0.0013	0.00045	mg/Kg	☆	06/16/25 15:43	06/26/25 20:07	1
Chlorobenzene	<0.0013		0.0013	0.00055	mg/Kg	☆	06/16/25 15:43	06/26/25 20:07	1
Chloroethane	<0.0033		0.0033	0.0011	mg/Kg	☆	06/16/25 15:43	06/26/25 20:07	1
Chloroform	<0.0013		0.0013	0.00094	mg/Kg	☆	06/16/25 15:43	06/26/25 20:07	1
Chloromethane	<0.0033	*	0.0033	0.00064	mg/Kg	☆	06/16/25 15:43	06/26/25 20:07	1
cis-1,2-Dichloroethene	<0.0013		0.0013	0.00053	mg/Kg	☆	06/16/25 15:43	06/26/25 20:07	1
cis-1,3-Dichloropropene	<0.0013		0.0013	0.00053	mg/Kg	☆	06/16/25 15:43	06/26/25 20:07	1
Dibromochloromethane	<0.0013		0.0013	0.00061	mg/Kg	☆	06/16/25 15:43	06/26/25 20:07	1
1,2-Dibromo-3-Chloropropane	<0.0033		0.0033	0.0023	mg/Kg	☆	06/16/25 15:43	06/26/25 20:07	1
1,1-Dichloroethane	<0.0013		0.0013	0.00049	mg/Kg	☆	06/16/25 15:43	06/26/25 20:07	1
1,2-Dichloroethane	<0.0033		0.0033	0.00085	mg/Kg	☆	06/16/25 15:43	06/26/25 20:07	1
1,1-Dichloroethene	<0.0013		0.0013	0.00054	mg/Kg	☆	06/16/25 15:43	06/26/25 20:07	1
1,2-Dichloropropane	<0.0013		0.0013	0.00034	mg/Kg	☆	06/16/25 15:43	06/26/25 20:07	1
1,3-Dichloropropene, Total	<0.0013		0.0013	0.00063	mg/Kg	☆	06/16/25 15:43	06/26/25 20:07	1
Ethylbenzene	<0.0013		0.0013	0.00069	mg/Kg	☆	06/16/25 15:43	06/26/25 20:07	1
2-Hexanone	<0.0033		0.0033	0.0020	mg/Kg	☆	06/16/25 15:43	06/26/25 20:07	1
Methylene Chloride	<0.0033		0.0033	0.0014	mg/Kg	☆	06/16/25 15:43	06/26/25 20:07	1
4-Methyl-2-pentanone (MIBK)	<0.0033		0.0033	0.0023	mg/Kg	☆	06/16/25 15:43	06/26/25 20:07	1
Methyl tert-butyl ether	<0.0013		0.0013	0.00042	mg/Kg	☆	06/16/25 15:43	06/26/25 20:07	1
Styrene	<0.0013		0.0013	0.00059	mg/Kg	☆	06/16/25 15:43	06/26/25 20:07	1
1,1,2,2-Tetrachloroethane	<0.0013		0.0013	0.00065	mg/Kg	☆	06/16/25 15:43	06/26/25 20:07	1
Tetrachloroethene	<0.0013		0.0013	0.00074	mg/Kg	☆	06/16/25 15:43	06/26/25 20:07	1
Toluene	<0.0013		0.0013	0.00026	mg/Kg	☆	06/16/25 15:43	06/26/25 20:07	1
trans-1,2-Dichloroethene	<0.0013		0.0013	0.00050	mg/Kg	☆	06/16/25 15:43	06/26/25 20:07	1
trans-1,3-Dichloropropene	<0.0013		0.0013	0.00063	mg/Kg	☆	06/16/25 15:43	06/26/25 20:07	1
1,1,1-Trichloroethane	<0.0013		0.0013	0.00053	mg/Kg	☆	06/16/25 15:43	06/26/25 20:07	1
1,1,2-Trichloroethane	<0.0013		0.0013	0.00049	mg/Kg	☆	06/16/25 15:43	06/26/25 20:07	1
Trichloroethene	<0.0013		0.0013	0.00036	mg/Kg	☆	06/16/25 15:43	06/26/25 20:07	1
Vinyl acetate	<0.0033		0.0033	0.00078	mg/Kg	☆	06/16/25 15:43	06/26/25 20:07	1
Vinyl chloride	<0.0013		0.0013	0.00054	mg/Kg	☆	06/16/25 15:43	06/26/25 20:07	1
Xylenes, Total	<0.0026		0.0026	0.00045	mg/Kg	☆	06/16/25 15:43	06/26/25 20:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		75 - 131	06/16/25 15:43	06/26/25 20:07	1
Dibromofluoromethane	97		75 - 126	06/16/25 15:43	06/26/25 20:07	1
1,2-Dichloroethane-d4 (Surr)	99		70 - 134	06/16/25 15:43	06/26/25 20:07	1
Toluene-d8 (Surr)	108		75 - 124	06/16/25 15:43	06/26/25 20:07	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	☆	06/25/25 07:38	06/26/25 15:28	1
1,2-Dichlorobenzene	<0.18		0.18	0.015	mg/Kg	☆	06/25/25 07:38	06/26/25 15:28	1
1,3-Dichlorobenzene	<0.18		0.18	0.016	mg/Kg	☆	06/25/25 07:38	06/26/25 15:28	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-04-B01 (0-2)

Lab Sample ID: 500-270096-19

Date Collected: 06/16/25 12:40

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 89.5

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	☆	06/25/25 07:38	06/26/25 15:28	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.026	mg/Kg	☆	06/25/25 07:38	06/26/25 15:28	1
2,4,5-Trichlorophenol	<0.35		0.35	0.013	mg/Kg	☆	06/25/25 07:38	06/26/25 15:28	1
2,4,6-Trichlorophenol	<0.35		0.35	0.012	mg/Kg	☆	06/25/25 07:38	06/26/25 15:28	1
2,4-Dichlorophenol	<0.35		0.35	0.013	mg/Kg	☆	06/25/25 07:38	06/26/25 15:28	1
2,4-Dimethylphenol	<0.35		0.35	0.080	mg/Kg	☆	06/25/25 07:38	06/26/25 15:28	1
2,4-Dinitrophenol	<0.72		0.72	0.21	mg/Kg	☆	06/25/25 07:38	06/26/25 15:28	1
2,4-Dinitrotoluene	<0.18		0.18	0.020	mg/Kg	☆	06/25/25 07:38	06/26/25 15:28	1
2,6-Dinitrotoluene	<0.18		0.18	0.025	mg/Kg	☆	06/25/25 07:38	06/26/25 15:28	1
2-Chloronaphthalene	<0.18		0.18	0.013	mg/Kg	☆	06/25/25 07:38	06/26/25 15:28	1
2-Chlorophenol	<0.18		0.18	0.012	mg/Kg	☆	06/25/25 07:38	06/26/25 15:28	1
2-Methylnaphthalene	<0.072		0.072	0.0072	mg/Kg	☆	06/25/25 07:38	06/26/25 15:28	1
2-Methylphenol	<0.18		0.18	0.019	mg/Kg	☆	06/25/25 07:38	06/26/25 15:28	1
2-Nitroaniline	<0.18		0.18	0.019	mg/Kg	☆	06/25/25 07:38	06/26/25 15:28	1
2-Nitrophenol	<0.35		0.35	0.024	mg/Kg	☆	06/25/25 07:38	06/26/25 15:28	1
3 & 4 Methylphenol	<0.18		0.18	0.026	mg/Kg	☆	06/25/25 07:38	06/26/25 15:28	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.16	mg/Kg	☆	06/25/25 07:38	06/26/25 15:28	1
3-Nitroaniline	<0.35		0.35	0.016	mg/Kg	☆	06/25/25 07:38	06/26/25 15:28	1
4,6-Dinitro-2-methylphenol	<0.72		0.72	0.20	mg/Kg	☆	06/25/25 07:38	06/26/25 15:28	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.024	mg/Kg	☆	06/25/25 07:38	06/26/25 15:28	1
4-Chloro-3-methylphenol	<0.35		0.35	0.030	mg/Kg	☆	06/25/25 07:38	06/26/25 15:28	1
4-Chloroaniline	<0.72		0.72	0.37	mg/Kg	☆	06/25/25 07:38	06/26/25 15:28	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.047	mg/Kg	☆	06/25/25 07:38	06/26/25 15:28	1
4-Nitroaniline	<0.35		0.35	0.026	mg/Kg	☆	06/25/25 07:38	06/26/25 15:28	1
4-Nitrophenol	<0.72		0.72	0.39	mg/Kg	☆	06/25/25 07:38	06/26/25 15:28	1
Acenaphthene	<0.035		0.035	0.0073	mg/Kg	☆	06/25/25 07:38	06/26/25 15:28	1
Acenaphthylene	<0.035		0.035	0.0061	mg/Kg	☆	06/25/25 07:38	06/26/25 15:28	1
Anthracene	<0.035		0.035	0.0073	mg/Kg	☆	06/25/25 07:38	06/26/25 15:28	1
Benzo[a]anthracene	<0.035		0.035	0.0076	mg/Kg	☆	06/25/25 07:38	06/26/25 15:28	1
Benzo[a]pyrene	<0.035		0.035	0.034	mg/Kg	☆	06/25/25 07:38	06/26/25 15:28	1
Benzo[b]fluoranthene	<0.035		0.035	0.034	mg/Kg	☆	06/25/25 07:38	06/26/25 15:28	1
Benzo[g,h,i]perylene	<0.035		0.035	0.016	mg/Kg	☆	06/25/25 07:38	06/26/25 15:28	1
Benzo[k]fluoranthene	<0.035		0.035	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 15:28	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.013	mg/Kg	☆	06/25/25 07:38	06/26/25 15:28	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.016	mg/Kg	☆	06/25/25 07:38	06/26/25 15:28	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.14	mg/Kg	☆	06/25/25 07:38	06/26/25 15:28	1
Butyl benzyl phthalate	<0.18		0.18	0.018	mg/Kg	☆	06/25/25 07:38	06/26/25 15:28	1
Carbazole	<0.18		0.18	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 15:28	1
Chrysene	<0.035		0.035	0.0094	mg/Kg	☆	06/25/25 07:38	06/26/25 15:28	1
Dibenz(a,h)anthracene	<0.035		0.035	0.035	mg/Kg	☆	06/25/25 07:38	06/26/25 15:28	1
Dibenzofuran	<0.18		0.18	0.013	mg/Kg	☆	06/25/25 07:38	06/26/25 15:28	1
Diethyl phthalate	<0.18		0.18	0.016	mg/Kg	☆	06/25/25 07:38	06/26/25 15:28	1
Dimethyl phthalate	<0.18		0.18	0.0078	mg/Kg	☆	06/25/25 07:38	06/26/25 15:28	1
Di-n-butyl phthalate	<0.18		0.18	0.011	mg/Kg	☆	06/25/25 07:38	06/26/25 15:28	1
Di-n-octyl phthalate	<0.35		0.35	0.25	mg/Kg	☆	06/25/25 07:38	06/26/25 15:28	1
Fluoranthene	<0.035		0.035	0.0083	mg/Kg	☆	06/25/25 07:38	06/26/25 15:28	1
Fluorene	<0.035		0.035	0.011	mg/Kg	☆	06/25/25 07:38	06/26/25 15:28	1
Hexachlorobenzene	<0.072		0.072	0.0068	mg/Kg	☆	06/25/25 07:38	06/26/25 15:28	1
Hexachlorobutadiene	<0.18		0.18	0.020	mg/Kg	☆	06/25/25 07:38	06/26/25 15:28	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-04-B01 (0-2)

Lab Sample ID: 500-270096-19

Date Collected: 06/16/25 12:40

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 89.5

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	✱	06/25/25 07:38	06/26/25 15:28	1
Hexachloroethane	<0.18		0.18	0.018	mg/Kg	✱	06/25/25 07:38	06/26/25 15:28	1
Indeno[1,2,3-cd]pyrene	<0.035		0.035	0.035	mg/Kg	✱	06/25/25 07:38	06/26/25 15:28	1
Isophorone	<0.18		0.18	0.018	mg/Kg	✱	06/25/25 07:38	06/26/25 15:28	1
Naphthalene	<0.035		0.035	0.0065	mg/Kg	✱	06/25/25 07:38	06/26/25 15:28	1
Nitrobenzene	<0.035		0.035	0.011	mg/Kg	✱	06/25/25 07:38	06/26/25 15:28	1
N-Nitrosodi-n-propylamine	<0.072		0.072	0.020	mg/Kg	✱	06/25/25 07:38	06/26/25 15:28	1
N-Nitrosodiphenylamine	<0.18		0.18	0.071	mg/Kg	✱	06/25/25 07:38	06/26/25 15:28	1
Pentachlorophenol	<0.72		0.72	0.40	mg/Kg	✱	06/25/25 07:38	06/26/25 15:28	1
Phenanthrene	<0.035		0.035	0.0078	mg/Kg	✱	06/25/25 07:38	06/26/25 15:28	1
Phenol	<0.18		0.18	0.015	mg/Kg	✱	06/25/25 07:38	06/26/25 15:28	1
Pyrene	<0.035		0.035	0.0097	mg/Kg	✱	06/25/25 07:38	06/26/25 15:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	68		31 - 166	06/25/25 07:38	06/26/25 15:28	1
Phenol-d5 (Surr)	74		30 - 153	06/25/25 07:38	06/26/25 15:28	1
Nitrobenzene-d5 (Surr)	79		37 - 147	06/25/25 07:38	06/26/25 15:28	1
2-Fluorobiphenyl (Surr)	73		43 - 145	06/25/25 07:38	06/26/25 15:28	1
2,4,6-Tribromophenol (Surr)	85		31 - 143	06/25/25 07:38	06/26/25 15:28	1
Terphenyl-d14 (Surr)	101		42 - 157	06/25/25 07:38	06/26/25 15:28	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	✱	06/20/25 16:13	06/27/25 22:32	1
Arsenic	7.2		0.52	0.18	mg/Kg	✱	06/20/25 16:13	06/27/25 22:32	1
Barium	53		0.52	0.060	mg/Kg	✱	06/20/25 16:13	06/27/25 22:32	1
Beryllium	0.66		0.21	0.049	mg/Kg	✱	06/20/25 16:13	06/27/25 22:32	1
Boron	20		2.6	0.24	mg/Kg	✱	06/20/25 16:13	06/27/25 22:32	1
Cadmium	0.18		0.10	0.019	mg/Kg	✱	06/20/25 16:13	06/27/25 22:32	1
Chromium	19		0.52	0.26	mg/Kg	✱	06/20/25 16:13	06/27/25 22:32	1
Cobalt	14		0.26	0.069	mg/Kg	✱	06/20/25 16:13	06/27/25 22:32	1
Copper	23		0.52	0.15	mg/Kg	✱	06/20/25 16:13	06/27/25 22:32	1
Iron	17000		10	5.4	mg/Kg	✱	06/20/25 16:13	06/27/25 22:32	1
Lead	19		1.3	0.60	mg/Kg	✱	06/20/25 16:13	06/30/25 17:18	5
Magnesium	30000		5.2	2.6	mg/Kg	✱	06/20/25 16:13	06/27/25 22:32	1
Manganese	450		0.52	0.076	mg/Kg	✱	06/20/25 16:13	06/27/25 22:32	1
Nickel	34		0.52	0.15	mg/Kg	✱	06/20/25 16:13	06/27/25 22:32	1
Selenium	0.44 J		0.52	0.31	mg/Kg	✱	06/20/25 16:13	06/30/25 17:14	1
Silver	<1.3		1.3	0.34	mg/Kg	✱	06/20/25 16:13	06/30/25 17:18	5
Thallium	0.32 J		0.52	0.26	mg/Kg	✱	06/20/25 16:13	06/27/25 22:32	1
Vanadium	23		0.26	0.062	mg/Kg	✱	06/20/25 16:13	06/27/25 22:32	1
Zinc	56 B		1.0	0.46	mg/Kg	✱	06/20/25 16:13	06/27/25 22:32	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		06/20/25 13:17	06/25/25 16:46	1
Barium	0.41 B		0.010	0.0012	mg/L		06/20/25 13:17	06/25/25 16:46	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		06/20/25 13:17	06/25/25 16:46	1
Boron	0.076 J		0.50	0.0056	mg/L		06/20/25 13:17	06/26/25 15:06	1
Cadmium	0.0022 J		0.0050	0.00043	mg/L		06/20/25 13:17	06/25/25 16:46	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-04-B01 (0-2)

Lab Sample ID: 500-270096-19

Date Collected: 06/16/25 12:40

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 89.5

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		06/20/25 13:17	06/25/25 16:46	1
Cobalt	0.00098	J	0.0050	0.00078	mg/L		06/20/25 13:17	06/25/25 16:46	1
Copper	0.0041	J	0.010	0.0018	mg/L		06/20/25 13:17	06/25/25 16:46	1
Iron	0.69		0.40	0.082	mg/L		06/20/25 13:17	06/25/25 16:46	1
Lead	<0.0075		0.0075	0.0027	mg/L		06/20/25 13:17	06/26/25 15:06	1
Manganese	1.2		0.010	0.0023	mg/L		06/20/25 13:17	06/25/25 16:46	1
Nickel	0.012		0.010	0.0048	mg/L		06/20/25 13:17	06/25/25 16:46	1
Selenium	0.0064	J B	0.050	0.0053	mg/L		06/20/25 13:17	06/25/25 16:46	1
Silver	<0.0050		0.0050	0.0015	mg/L		06/20/25 13:17	06/25/25 16:46	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		06/20/25 13:17	06/25/25 16:46	1
Zinc	<0.50	*+ ^+	0.50	0.0050	mg/L		06/20/25 13:17	06/26/25 15:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	1.6		0.10	0.023	mg/L		06/20/25 13:15	07/01/25 03:31	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		06/20/25 13:17	06/25/25 14:23	1
Thallium	<0.0020		0.0020	0.0020	mg/L		06/20/25 13:17	06/25/25 14:23	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		06/24/25 11:05	06/25/25 12:31	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.019		0.018	0.0073	mg/Kg	☆	06/27/25 14:00	06/30/25 09:13	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	☆	06/19/25 13:17	06/19/25 17:02	1
pH (SW846 9045D)	8.9		0.2	0.2	SU			06/20/25 14:16	1

Definitions/Glossary

Client: WSP USA Inc

Job ID: 500-270096-1

Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

Metals

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
F3	Duplicate RPD exceeds the control limit
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
L	A negative instrument reading had an absolute value greater than the reporting limit

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD 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

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Definitions/Glossary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Glossary (Continued)

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

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

GC/MS VOA

Prep Batch: 823131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	5035	
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	5035	
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	5035	
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	5035	
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	5035	
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	5035	
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	5035	
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	5035	
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	5035	
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	5035	
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	5035	
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	5035	
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	5035	
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	5035	
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	5035	
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	5035	
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	5035	
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	5035	
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	5035	

Analysis Batch: 823222

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	8260D	823131
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	8260D	823131
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	8260D	823131
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	8260D	823131
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	8260D	823131
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	8260D	823131
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	8260D	823131
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	8260D	823131
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	8260D	823131
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	8260D	823131
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	8260D	823131
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	8260D	823131
MB 500-823222/5	Method Blank	Total/NA	Solid	8260D	
LCS 500-823222/7	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 500-823222/8	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 823459

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	8260D	823131
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	8260D	823131
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	8260D	823131
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	8260D	823131
MB 500-823459/6	Method Blank	Total/NA	Solid	8260D	
LCS 500-823459/2	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 500-823459/3	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 823604

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	8260D	823131

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

GC/MS VOA (Continued)

Analysis Batch: 823604 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	8260D	823131
MB 500-823604/7	Method Blank	Total/NA	Solid	8260D	
LCS 500-823604/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 500-823604/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 823845

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	8260D	823131
MB 500-823845/8	Method Blank	Total/NA	Solid	8260D	
LCS 500-823845/6	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 500-823845/9	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS Semi VOA

Prep Batch: 823218

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	3546	
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	3546	
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	3546	
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	3546	
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	3546	
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	3546	
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	3546	
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	3546	
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	3546	
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	3546	
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	3546	
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	3546	
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	3546	
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	3546	
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	3546	
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	3546	
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	3546	
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	3546	
MB 500-823218/1-A	Method Blank	Total/NA	Solid	3546	
LCS 500-823218/2-A	Lab Control Sample	Total/NA	Solid	3546	

Prep Batch: 823337

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	3546	
MB 500-823337/1-A	Method Blank	Total/NA	Solid	3546	
LCS 500-823337/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 823422

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	8270E	823337
LCS 500-823337/2-A	Lab Control Sample	Total/NA	Solid	8270E	823337

Analysis Batch: 823426

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	8270E	823218

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QC Association Summary

Client: WSP USA Inc

Job ID: 500-270096-1

Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

GC/MS Semi VOA (Continued)

Analysis Batch: 823426 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	8270E	823218
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	8270E	823218
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	8270E	823218
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	8270E	823218
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	8270E	823218
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	8270E	823218
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	8270E	823218
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	8270E	823218
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	8270E	823218
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	8270E	823218
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	8270E	823218
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	8270E	823218
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	8270E	823218
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	8270E	823218
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	8270E	823218
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	8270E	823218
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	8270E	823218
MB 500-823218/1-A	Method Blank	Total/NA	Solid	8270E	823218
LCS 500-823218/2-A	Lab Control Sample	Total/NA	Solid	8270E	823218

Analysis Batch: 823620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-823337/1-A	Method Blank	Total/NA	Solid	8270E	823337

Metals

Leach Batch: 822250

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	TCLP	Solid	1311	
500-270096-2	3641V-01-B02 (7-13)	TCLP	Solid	1311	
500-270096-3	3641V-01-B01 (0-3)	TCLP	Solid	1311	
500-270096-4	3641V-05-B01 (0-5)	TCLP	Solid	1311	
500-270096-5	3641V-05-B01 (5-10)	TCLP	Solid	1311	
500-270096-6	3641V-05-B01 (10-15)	TCLP	Solid	1311	
500-270096-7	3641V-05-B02 (0-5)	TCLP	Solid	1311	
500-270096-8	3641V-05-B02 (0-5)D	TCLP	Solid	1311	
500-270096-9	3641V-05-B02 (5-10)	TCLP	Solid	1311	
500-270096-10	3641V-05-B03 (0-5)	TCLP	Solid	1311	
500-270096-11	3641V-05-B03 (5-10)	TCLP	Solid	1311	
500-270096-12	3641V-05-B04 (0-2)	TCLP	Solid	1311	
500-270096-13	3641V-09-B01 (0-2)	TCLP	Solid	1311	
500-270096-14	3641V-10-B01 (0-2)	TCLP	Solid	1311	
LB 500-822250/1-B	Method Blank	TCLP	Solid	1311	
LB 500-822250/1-C	Method Blank	TCLP	Solid	1311	
LB 500-822250/1-D	Method Blank	TCLP	Solid	1311	

Leach Batch: 822251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	SPLP East	Solid	1312	
500-270096-2	3641V-01-B02 (7-13)	SPLP East	Solid	1312	
500-270096-3	3641V-01-B01 (0-3)	SPLP East	Solid	1312	

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Metals (Continued)

Leach Batch: 822251 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-4	3641V-05-B01 (0-5)	SPLP East	Solid	1312	
500-270096-5	3641V-05-B01 (5-10)	SPLP East	Solid	1312	
500-270096-6	3641V-05-B01 (10-15)	SPLP East	Solid	1312	
500-270096-7	3641V-05-B02 (0-5)	SPLP East	Solid	1312	
500-270096-8	3641V-05-B02 (0-5)D	SPLP East	Solid	1312	
500-270096-9	3641V-05-B02 (5-10)	SPLP East	Solid	1312	
500-270096-10	3641V-05-B03 (0-5)	SPLP East	Solid	1312	
500-270096-11	3641V-05-B03 (5-10)	SPLP East	Solid	1312	
500-270096-12	3641V-05-B04 (0-2)	SPLP East	Solid	1312	
500-270096-13	3641V-09-B01 (0-2)	SPLP East	Solid	1312	
500-270096-14	3641V-10-B01 (0-2)	SPLP East	Solid	1312	
LB 500-822251/1-B	Method Blank	SPLP East	Solid	1312	

Leach Batch: 822394

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	TCLP	Solid	1311	
500-270096-16	3641V-06-B02 (0-2)	TCLP	Solid	1311	
500-270096-17	3641V-06-B01 (0-2)	TCLP	Solid	1311	
500-270096-18	3641V-04-B02 (0-2)	TCLP	Solid	1311	
500-270096-19	3641V-04-B01 (0-2)	TCLP	Solid	1311	
LB 500-822394/1-B	Method Blank	TCLP	Solid	1311	
LB 500-822394/1-C	Method Blank	TCLP	Solid	1311	

Leach Batch: 822412

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	SPLP East	Solid	1312	
500-270096-16	3641V-06-B02 (0-2)	SPLP East	Solid	1312	
500-270096-17	3641V-06-B01 (0-2)	SPLP East	Solid	1312	
500-270096-18	3641V-04-B02 (0-2)	SPLP East	Solid	1312	
500-270096-19	3641V-04-B01 (0-2)	SPLP East	Solid	1312	
LB 500-822412/1-B	Method Blank	SPLP East	Solid	1312	
500-270096-15 MS	3641V-08-B01 (0-2)	SPLP East	Solid	1312	
500-270096-15 DU	3641V-08-B01 (0-2)	SPLP East	Solid	1312	

Prep Batch: 822485

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	SPLP East	Solid	3010A	822251
500-270096-2	3641V-01-B02 (7-13)	SPLP East	Solid	3010A	822251
500-270096-3	3641V-01-B01 (0-3)	SPLP East	Solid	3010A	822251
500-270096-4	3641V-05-B01 (0-5)	SPLP East	Solid	3010A	822251
500-270096-5	3641V-05-B01 (5-10)	SPLP East	Solid	3010A	822251
500-270096-6	3641V-05-B01 (10-15)	SPLP East	Solid	3010A	822251
500-270096-7	3641V-05-B02 (0-5)	SPLP East	Solid	3010A	822251
500-270096-8	3641V-05-B02 (0-5)D	SPLP East	Solid	3010A	822251
500-270096-9	3641V-05-B02 (5-10)	SPLP East	Solid	3010A	822251
500-270096-10	3641V-05-B03 (0-5)	SPLP East	Solid	3010A	822251
500-270096-11	3641V-05-B03 (5-10)	SPLP East	Solid	3010A	822251
500-270096-12	3641V-05-B04 (0-2)	SPLP East	Solid	3010A	822251
500-270096-13	3641V-09-B01 (0-2)	SPLP East	Solid	3010A	822251
500-270096-14	3641V-10-B01 (0-2)	SPLP East	Solid	3010A	822251
LB 500-822251/1-B	Method Blank	SPLP East	Solid	3010A	822251

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Metals (Continued)

Prep Batch: 822485 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-822485/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Prep Batch: 822509

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	TCLP	Solid	3010A	822250
500-270096-2	3641V-01-B02 (7-13)	TCLP	Solid	3010A	822250
500-270096-3	3641V-01-B01 (0-3)	TCLP	Solid	3010A	822250
500-270096-4	3641V-05-B01 (0-5)	TCLP	Solid	3010A	822250
500-270096-5	3641V-05-B01 (5-10)	TCLP	Solid	3010A	822250
500-270096-6	3641V-05-B01 (10-15)	TCLP	Solid	3010A	822250
500-270096-7	3641V-05-B02 (0-5)	TCLP	Solid	3010A	822250
500-270096-8	3641V-05-B02 (0-5)D	TCLP	Solid	3010A	822250
500-270096-9	3641V-05-B02 (5-10)	TCLP	Solid	3010A	822250
500-270096-10	3641V-05-B03 (0-5)	TCLP	Solid	3010A	822250
500-270096-11	3641V-05-B03 (5-10)	TCLP	Solid	3010A	822250
500-270096-12	3641V-05-B04 (0-2)	TCLP	Solid	3010A	822250
500-270096-13	3641V-09-B01 (0-2)	TCLP	Solid	3010A	822250
500-270096-14	3641V-10-B01 (0-2)	TCLP	Solid	3010A	822250
LB 500-822250/1-B	Method Blank	TCLP	Solid	3010A	822250
LCS 500-822509/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Prep Batch: 822645

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	SPLP East	Solid	3010A	822412
500-270096-16	3641V-06-B02 (0-2)	SPLP East	Solid	3010A	822412
500-270096-17	3641V-06-B01 (0-2)	SPLP East	Solid	3010A	822412
500-270096-18	3641V-04-B02 (0-2)	SPLP East	Solid	3010A	822412
500-270096-19	3641V-04-B01 (0-2)	SPLP East	Solid	3010A	822412
LB 500-822412/1-B	Method Blank	SPLP East	Solid	3010A	822412
LCS 500-822645/2-A	Lab Control Sample	Total/NA	Solid	3010A	
500-270096-15 MS	3641V-08-B01 (0-2)	SPLP East	Solid	3010A	822412
500-270096-15 DU	3641V-08-B01 (0-2)	SPLP East	Solid	3010A	822412

Prep Batch: 822646

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	TCLP	Solid	3010A	822394
500-270096-16	3641V-06-B02 (0-2)	TCLP	Solid	3010A	822394
500-270096-17	3641V-06-B01 (0-2)	TCLP	Solid	3010A	822394
500-270096-18	3641V-04-B02 (0-2)	TCLP	Solid	3010A	822394
500-270096-19	3641V-04-B01 (0-2)	TCLP	Solid	3010A	822394
LB 500-822394/1-B	Method Blank	TCLP	Solid	3010A	822394
LCS 500-822646/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Prep Batch: 822696

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	3050B	
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	3050B	
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	3050B	
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	3050B	
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	3050B	
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	3050B	

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Metals (Continued)

Prep Batch: 822696 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	3050B	
MB 500-822696/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-822696/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 822697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	3050B	
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	3050B	
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	3050B	
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	3050B	
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	3050B	
MB 500-822697/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-822697/2-A	Lab Control Sample	Total/NA	Solid	3050B	
500-270096-16 MS	3641V-06-B02 (0-2)	Total/NA	Solid	3050B	
500-270096-16 MSD	3641V-06-B02 (0-2)	Total/NA	Solid	3050B	
500-270096-16 DU	3641V-06-B02 (0-2)	Total/NA	Solid	3050B	

Analysis Batch: 822771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	TCLP	Solid	6010D	822509
500-270096-2	3641V-01-B02 (7-13)	TCLP	Solid	6010D	822509
500-270096-3	3641V-01-B01 (0-3)	TCLP	Solid	6010D	822509
500-270096-4	3641V-05-B01 (0-5)	TCLP	Solid	6010D	822509
500-270096-5	3641V-05-B01 (5-10)	TCLP	Solid	6010D	822509
500-270096-6	3641V-05-B01 (10-15)	TCLP	Solid	6010D	822509
500-270096-7	3641V-05-B02 (0-5)	TCLP	Solid	6010D	822509
500-270096-8	3641V-05-B02 (0-5)D	TCLP	Solid	6010D	822509
500-270096-9	3641V-05-B02 (5-10)	TCLP	Solid	6010D	822509
500-270096-10	3641V-05-B03 (0-5)	TCLP	Solid	6010D	822509
500-270096-11	3641V-05-B03 (5-10)	TCLP	Solid	6010D	822509
500-270096-12	3641V-05-B04 (0-2)	TCLP	Solid	6010D	822509
500-270096-13	3641V-09-B01 (0-2)	TCLP	Solid	6010D	822509
500-270096-14	3641V-10-B01 (0-2)	TCLP	Solid	6010D	822509
LB 500-822250/1-B	Method Blank	TCLP	Solid	6010D	822509
LCS 500-822509/2-A	Lab Control Sample	Total/NA	Solid	6010D	822509

Analysis Batch: 822772

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	SPLP East	Solid	6010D	822485
500-270096-2	3641V-01-B02 (7-13)	SPLP East	Solid	6010D	822485
500-270096-3	3641V-01-B01 (0-3)	SPLP East	Solid	6010D	822485
500-270096-4	3641V-05-B01 (0-5)	SPLP East	Solid	6010D	822485
500-270096-5	3641V-05-B01 (5-10)	SPLP East	Solid	6010D	822485
500-270096-6	3641V-05-B01 (10-15)	SPLP East	Solid	6010D	822485
500-270096-7	3641V-05-B02 (0-5)	SPLP East	Solid	6010D	822485
500-270096-8	3641V-05-B02 (0-5)D	SPLP East	Solid	6010D	822485
500-270096-9	3641V-05-B02 (5-10)	SPLP East	Solid	6010D	822485
500-270096-10	3641V-05-B03 (0-5)	SPLP East	Solid	6010D	822485
500-270096-11	3641V-05-B03 (5-10)	SPLP East	Solid	6010D	822485
500-270096-12	3641V-05-B04 (0-2)	SPLP East	Solid	6010D	822485
500-270096-13	3641V-09-B01 (0-2)	SPLP East	Solid	6010D	822485

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Metals (Continued)

Analysis Batch: 822772 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-14	3641V-10-B01 (0-2)	SPLP East	Solid	6010D	822485
LB 500-822251/1-B	Method Blank	SPLP East	Solid	6010D	822485
LCS 500-822485/2-A	Lab Control Sample	Total/NA	Solid	6010D	822485

Prep Batch: 822848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	3050B	
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	3050B	
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	3050B	
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	3050B	
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	3050B	
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	3050B	
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	3050B	
MB 500-822848/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-822848/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 822891

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	TCLP	Solid	7470A	822250
500-270096-2	3641V-01-B02 (7-13)	TCLP	Solid	7470A	822250
500-270096-3	3641V-01-B01 (0-3)	TCLP	Solid	7470A	822250
500-270096-4	3641V-05-B01 (0-5)	TCLP	Solid	7470A	822250
500-270096-5	3641V-05-B01 (5-10)	TCLP	Solid	7470A	822250
500-270096-6	3641V-05-B01 (10-15)	TCLP	Solid	7470A	822250
500-270096-7	3641V-05-B02 (0-5)	TCLP	Solid	7470A	822250
500-270096-8	3641V-05-B02 (0-5)D	TCLP	Solid	7470A	822250
500-270096-9	3641V-05-B02 (5-10)	TCLP	Solid	7470A	822250
500-270096-10	3641V-05-B03 (0-5)	TCLP	Solid	7470A	822250
500-270096-11	3641V-05-B03 (5-10)	TCLP	Solid	7470A	822250
500-270096-13	3641V-09-B01 (0-2)	TCLP	Solid	7470A	822250
500-270096-14	3641V-10-B01 (0-2)	TCLP	Solid	7470A	822250
LB 500-822250/1-C	Method Blank	TCLP	Solid	7470A	822250
MB 500-822891/12-A	Method Blank	Total/NA	Solid	7470A	
LCS 500-822891/14-A	Lab Control Sample	Total/NA	Solid	7470A	

Analysis Batch: 823048

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	TCLP	Solid	6010D	822509
500-270096-2	3641V-01-B02 (7-13)	TCLP	Solid	6010D	822509
500-270096-4	3641V-05-B01 (0-5)	TCLP	Solid	6010D	822509
500-270096-5	3641V-05-B01 (5-10)	TCLP	Solid	6010D	822509
500-270096-7	3641V-05-B02 (0-5)	TCLP	Solid	6010D	822509
LB 500-822412/1-B	Method Blank	SPLP East	Solid	6010D	822645
LCS 500-822645/2-A	Lab Control Sample	Total/NA	Solid	6010D	822645
500-270096-15 MS	3641V-08-B01 (0-2)	SPLP East	Solid	6010D	822645
500-270096-15 DU	3641V-08-B01 (0-2)	SPLP East	Solid	6010D	822645

Prep Batch: 823094

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	TCLP	Solid	7470A	822394
500-270096-16	3641V-06-B02 (0-2)	TCLP	Solid	7470A	822394

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QC Association Summary

Client: WSP USA Inc
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Job ID: 500-270096-1

Metals (Continued)

Prep Batch: 823094 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-17	3641V-06-B01 (0-2)	TCLP	Solid	7470A	822394
500-270096-18	3641V-04-B02 (0-2)	TCLP	Solid	7470A	822394
500-270096-19	3641V-04-B01 (0-2)	TCLP	Solid	7470A	822394
LB 500-822394/1-C	Method Blank	TCLP	Solid	7470A	822394
MB 500-823094/12-A	Method Blank	Total/NA	Solid	7470A	
LCS 500-823094/14-A	Lab Control Sample	Total/NA	Solid	7470A	

Analysis Batch: 823110

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	TCLP	Solid	7470A	822891
500-270096-2	3641V-01-B02 (7-13)	TCLP	Solid	7470A	822891
500-270096-3	3641V-01-B01 (0-3)	TCLP	Solid	7470A	822891
500-270096-4	3641V-05-B01 (0-5)	TCLP	Solid	7470A	822891
500-270096-5	3641V-05-B01 (5-10)	TCLP	Solid	7470A	822891
500-270096-6	3641V-05-B01 (10-15)	TCLP	Solid	7470A	822891
500-270096-7	3641V-05-B02 (0-5)	TCLP	Solid	7470A	822891
500-270096-8	3641V-05-B02 (0-5)D	TCLP	Solid	7470A	822891
500-270096-9	3641V-05-B02 (5-10)	TCLP	Solid	7470A	822891
500-270096-10	3641V-05-B03 (0-5)	TCLP	Solid	7470A	822891
500-270096-11	3641V-05-B03 (5-10)	TCLP	Solid	7470A	822891
500-270096-13	3641V-09-B01 (0-2)	TCLP	Solid	7470A	822891
500-270096-14	3641V-10-B01 (0-2)	TCLP	Solid	7470A	822891
LB 500-822250/1-C	Method Blank	TCLP	Solid	7470A	822891
MB 500-822891/12-A	Method Blank	Total/NA	Solid	7470A	822891
LCS 500-822891/14-A	Lab Control Sample	Total/NA	Solid	7470A	822891

Analysis Batch: 823301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	TCLP	Solid	7470A	823094
500-270096-16	3641V-06-B02 (0-2)	TCLP	Solid	7470A	823094
500-270096-17	3641V-06-B01 (0-2)	TCLP	Solid	7470A	823094
500-270096-18	3641V-04-B02 (0-2)	TCLP	Solid	7470A	823094
500-270096-19	3641V-04-B01 (0-2)	TCLP	Solid	7470A	823094
LB 500-822394/1-C	Method Blank	TCLP	Solid	7470A	823094
MB 500-823094/12-A	Method Blank	Total/NA	Solid	7470A	823094
LCS 500-823094/14-A	Lab Control Sample	Total/NA	Solid	7470A	823094

Analysis Batch: 823349

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	TCLP	Solid	6020B	822509
500-270096-2	3641V-01-B02 (7-13)	TCLP	Solid	6020B	822509
500-270096-3	3641V-01-B01 (0-3)	TCLP	Solid	6020B	822509
500-270096-4	3641V-05-B01 (0-5)	TCLP	Solid	6020B	822509
500-270096-5	3641V-05-B01 (5-10)	TCLP	Solid	6020B	822509
500-270096-6	3641V-05-B01 (10-15)	TCLP	Solid	6020B	822509
500-270096-7	3641V-05-B02 (0-5)	TCLP	Solid	6020B	822509
500-270096-8	3641V-05-B02 (0-5)D	TCLP	Solid	6020B	822509
500-270096-9	3641V-05-B02 (5-10)	TCLP	Solid	6020B	822509
500-270096-10	3641V-05-B03 (0-5)	TCLP	Solid	6020B	822509
500-270096-11	3641V-05-B03 (5-10)	TCLP	Solid	6020B	822509
500-270096-12	3641V-05-B04 (0-2)	TCLP	Solid	6020B	822509

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Metals (Continued)

Analysis Batch: 823349 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-13	3641V-09-B01 (0-2)	TCLP	Solid	6020B	822509
500-270096-14	3641V-10-B01 (0-2)	TCLP	Solid	6020B	822509
500-270096-15	3641V-08-B01 (0-2)	TCLP	Solid	6020B	822646
500-270096-16	3641V-06-B02 (0-2)	TCLP	Solid	6020B	822646
500-270096-17	3641V-06-B01 (0-2)	TCLP	Solid	6020B	822646
500-270096-18	3641V-04-B02 (0-2)	TCLP	Solid	6020B	822646
500-270096-19	3641V-04-B01 (0-2)	TCLP	Solid	6020B	822646
LB 500-822250/1-B	Method Blank	TCLP	Solid	6020B	822509
LB 500-822394/1-B	Method Blank	TCLP	Solid	6020B	822646
LCS 500-822509/2-A	Lab Control Sample	Total/NA	Solid	6020B	822509
LCS 500-822646/2-A	Lab Control Sample	Total/NA	Solid	6020B	822646

Analysis Batch: 823443

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	6010D	822696
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	6010D	822696
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	6010D	822696
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	6010D	822696
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	6010D	822696
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	6010D	822696
500-270096-15	3641V-08-B01 (0-2)	TCLP	Solid	6010D	822646
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	6010D	822696
500-270096-16	3641V-06-B02 (0-2)	TCLP	Solid	6010D	822646
500-270096-17	3641V-06-B01 (0-2)	TCLP	Solid	6010D	822646
500-270096-18	3641V-04-B02 (0-2)	TCLP	Solid	6010D	822646
500-270096-19	3641V-04-B01 (0-2)	TCLP	Solid	6010D	822646
LB 500-822394/1-B	Method Blank	TCLP	Solid	6010D	822646
MB 500-822696/1-A	Method Blank	Total/NA	Solid	6010D	822696
LCS 500-822646/2-A	Lab Control Sample	Total/NA	Solid	6010D	822646
LCS 500-822696/2-A	Lab Control Sample	Total/NA	Solid	6010D	822696

Prep Batch: 823485

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-12	3641V-05-B04 (0-2)	TCLP	Solid	7470A	822250
LB 500-822250/1-D	Method Blank	TCLP	Solid	7470A	822250
MB 500-823485/12-A	Method Blank	Total/NA	Solid	7470A	
LCS 500-823485/14-A	Lab Control Sample	Total/NA	Solid	7470A	

Analysis Batch: 823557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	TCLP	Solid	6010D	822646
500-270096-16	3641V-06-B02 (0-2)	TCLP	Solid	6010D	822646
500-270096-17	3641V-06-B01 (0-2)	TCLP	Solid	6010D	822646
500-270096-18	3641V-04-B02 (0-2)	TCLP	Solid	6010D	822646
500-270096-19	3641V-04-B01 (0-2)	TCLP	Solid	6010D	822646
LB 500-822394/1-B	Method Blank	TCLP	Solid	6010D	822646
LCS 500-822646/2-A	Lab Control Sample	Total/NA	Solid	6010D	822646

Prep Batch: 823672

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	7471B	

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QC Association Summary

Client: WSP USA Inc

Job ID: 500-270096-1

Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Metals (Continued)

Prep Batch: 823672 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	7471B	
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	7471B	
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	7471B	
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	7471B	
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	7471B	
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	7471B	
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	7471B	
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	7471B	
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	7471B	
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	7471B	
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	7471B	
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	7471B	
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	7471B	
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	7471B	
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	7471B	
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	7471B	
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	7471B	
MB 500-823672/12-A	Method Blank	Total/NA	Solid	7471B	
LCS 500-823672/13-A	Lab Control Sample	Total/NA	Solid	7471B	
500-270096-9 MS	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	
500-270096-9 MSD	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	
500-270096-9 DU	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	

Analysis Batch: 823684

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-12	3641V-05-B04 (0-2)	TCLP	Solid	7470A	823485
LB 500-822250/1-D	Method Blank	TCLP	Solid	7470A	823485
MB 500-823485/12-A	Method Blank	Total/NA	Solid	7470A	823485
LCS 500-823485/14-A	Lab Control Sample	Total/NA	Solid	7470A	823485

Analysis Batch: 823757

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	6010D	822696
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	6010D	822696
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	6010D	822696
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	6010D	822696
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	6010D	822696
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	6010D	822696
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	6010D	822696
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	6010D	822696
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	6010D	822696
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	6010D	822696
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	6010D	822696
MB 500-822696/1-A	Method Blank	Total/NA	Solid	6010D	822696
LCS 500-822696/2-A	Lab Control Sample	Total/NA	Solid	6010D	822696

Analysis Batch: 823767

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	6010D	822696
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	6010D	822696

Eurofins Chicago

QC Association Summary

Client: WSP USA Inc

Job ID: 500-270096-1

Metals (Continued)

Analysis Batch: 823767 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	6010D	822696
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	6010D	822696
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	6010D	822696
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	6010D	822696
MB 500-822696/1-A	Method Blank	Total/NA	Solid	6010D	822696
LCS 500-822696/2-A	Lab Control Sample	Total/NA	Solid	6010D	822696

Analysis Batch: 823785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	6010D	822697
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	6010D	822848
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	6010D	822848
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	6010D	822848
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	6010D	822848
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	6010D	822848
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	6010D	822848
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	6010D	822848
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	6010D	822697
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	6010D	822697
MB 500-822697/1-A	Method Blank	Total/NA	Solid	6010D	822697
LCS 500-822697/2-A	Lab Control Sample	Total/NA	Solid	6010D	822697
500-270096-16 MS	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16 MSD	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16 DU	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697

Analysis Batch: 823885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	7471B	823672
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	7471B	823672
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	7471B	823672
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	7471B	823672
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	7471B	823672
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	7471B	823672
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	7471B	823672
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	7471B	823672
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	823672
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	7471B	823672
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	7471B	823672
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	7471B	823672
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	7471B	823672
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	7471B	823672
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	7471B	823672
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	7471B	823672
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	7471B	823672
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	7471B	823672
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	7471B	823672
MB 500-823672/12-A	Method Blank	Total/NA	Solid	7471B	823672
LCS 500-823672/13-A	Lab Control Sample	Total/NA	Solid	7471B	823672
500-270096-9 MS	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	823672

Eurofins Chicago

QC Association Summary

Client: WSP USA Inc

Job ID: 500-270096-1

Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Metals (Continued)

Analysis Batch: 823885 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-9 MSD	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	823672
500-270096-9 DU	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	823672

Analysis Batch: 823996

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	6010D	822697
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	6010D	822697
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	6010D	822848
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	6010D	822848
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	6010D	822848
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	6010D	822848
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	6010D	822848
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	6010D	822848
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	6010D	822848
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	6010D	822848
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	6010D	822848
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	6010D	822848
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	6010D	822848
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	6010D	822848
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	6010D	822697
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	6010D	822697
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	6010D	822697
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	6010D	822697
MB 500-822697/1-A	Method Blank	Total/NA	Solid	6010D	822697
MB 500-822848/1-A	Method Blank	Total/NA	Solid	6010D	822848
LCS 500-822697/2-A	Lab Control Sample	Total/NA	Solid	6010D	822697
LCS 500-822848/2-A	Lab Control Sample	Total/NA	Solid	6010D	822848
500-270096-16 MS	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16 MS	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16 MSD	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16 MSD	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16 DU	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16 DU	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697

Analysis Batch: 823997

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	SPLP East	Solid	6010D	822645
500-270096-16	3641V-06-B02 (0-2)	SPLP East	Solid	6010D	822645
500-270096-17	3641V-06-B01 (0-2)	SPLP East	Solid	6010D	822645
500-270096-18	3641V-04-B02 (0-2)	SPLP East	Solid	6010D	822645
500-270096-19	3641V-04-B01 (0-2)	SPLP East	Solid	6010D	822645
LB 500-822412/1-B	Method Blank	SPLP East	Solid	6010D	822645
LCS 500-822645/2-A	Lab Control Sample	Total/NA	Solid	6010D	822645
500-270096-15 MS	3641V-08-B01 (0-2)	SPLP East	Solid	6010D	822645
500-270096-15 DU	3641V-08-B01 (0-2)	SPLP East	Solid	6010D	822645

Eurofins Chicago

QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Metals

Analysis Batch: 824132

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	6010D	822848
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	6010D	822848

Analysis Batch: 824227

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	6010D	822696

General Chemistry

Analysis Batch: 822216

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	Moisture	
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	Moisture	
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	Moisture	
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	Moisture	
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	Moisture	
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	Moisture	
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	Moisture	
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	Moisture	
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	Moisture	
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	Moisture	
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	Moisture	
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	Moisture	
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	Moisture	
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	Moisture	
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	Moisture	
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	Moisture	
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	Moisture	

Analysis Batch: 822310

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	Moisture	
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	Moisture	
500-270096-13 DU	3641V-09-B01 (0-2)	Total/NA	Solid	Moisture	

Prep Batch: 822449

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	9010C	
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	9010C	
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	9010C	
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	9010C	
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	9010C	
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	9010C	
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	9010C	
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	9010C	
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	9010C	
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	9010C	
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	9010C	
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	9010C	
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	9010C	
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	9010C	

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

General Chemistry (Continued)

Prep Batch: 822449 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	9010C	
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	9010C	
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	9010C	
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	9010C	
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	9010C	
MB 500-822449/1-A	Method Blank	Total/NA	Solid	9010C	
LCS 500-822449/2-A	Lab Control Sample	Total/NA	Solid	9010C	
500-270096-1 MS	3641V-01-B02 (0-7)	Total/NA	Solid	9010C	
500-270096-1 MSD	3641V-01-B02 (0-7)	Total/NA	Solid	9010C	
500-270096-15 MS	3641V-08-B01 (0-2)	Total/NA	Solid	9010C	
500-270096-15 MSD	3641V-08-B01 (0-2)	Total/NA	Solid	9010C	

Analysis Batch: 822679

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	9045D	
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	9045D	
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	9045D	
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	9045D	
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	9045D	
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	9045D	
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	9045D	
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	9045D	
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	9045D	
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	9045D	
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	9045D	
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	9045D	
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	9045D	
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	9045D	
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	9045D	
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	9045D	
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	9045D	
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	9045D	
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	9045D	
LCS 500-822679/2	Lab Control Sample	Total/NA	Solid	9045D	
LCSD 500-822679/3	Lab Control Sample Dup	Total/NA	Solid	9045D	
500-270096-14 DU	3641V-10-B01 (0-2)	Total/NA	Solid	9045D	

Analysis Batch: 822763

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	9012B	822449
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	9012B	822449
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	9012B	822449
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	9012B	822449
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	9012B	822449
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	9012B	822449
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	9012B	822449
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	9012B	822449
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	9012B	822449
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	9012B	822449
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	9012B	822449
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	9012B	822449

Eurofins Chicago

QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

General Chemistry (Continued)

Analysis Batch: 822763 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	9012B	822449
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	9012B	822449
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	9012B	822449
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	9012B	822449
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	9012B	822449
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	9012B	822449
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	9012B	822449
MB 500-822449/1-A	Method Blank	Total/NA	Solid	9012B	822449
LCS 500-822449/2-A	Lab Control Sample	Total/NA	Solid	9012B	822449
500-270096-1 MS	3641V-01-B02 (0-7)	Total/NA	Solid	9012B	822449
500-270096-1 MSD	3641V-01-B02 (0-7)	Total/NA	Solid	9012B	822449
500-270096-15 MS	3641V-08-B01 (0-2)	Total/NA	Solid	9012B	822449
500-270096-15 MSD	3641V-08-B01 (0-2)	Total/NA	Solid	9012B	822449

Analysis Batch: 822833

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-822833/2	Lab Control Sample	Total/NA	Solid	9045D	
LCSD 500-822833/3	Lab Control Sample Dup	Total/NA	Solid	9045D	
500-270096-14 DU	3641V-10-B01 (0-2)	Total/NA	Solid	9045D	

Surrogate Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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)
500-270096-1	3641V-01-B02 (0-7)	103	103	107	99
500-270096-2	3641V-01-B02 (7-13)	104	103	102	102
500-270096-3	3641V-01-B01 (0-3)	107	102	105	105
500-270096-4	3641V-05-B01 (0-5)	108	106	103	105
500-270096-5	3641V-05-B01 (5-10)	128 *3	108	107	111
500-270096-6	3641V-05-B01 (10-15)	129 *3	107	99	126 S1+ *3
500-270096-7	3641V-05-B02 (0-5)	113 *3	106	110	105
500-270096-8	3641V-05-B02 (0-5)D	120 *3	108	111	106
500-270096-9	3641V-05-B02 (5-10)	127	98	93	111
500-270096-10	3641V-05-B03 (0-5)	141 S1+ *3	108	109	128 S1+ *3
500-270096-11	3641V-05-B03 (5-10)	143 S1+ *3	105	100	135 S1+ *3
500-270096-12	3641V-05-B04 (0-2)	141 S1+ *3	114	115	129 S1+ *3
500-270096-13	3641V-09-B01 (0-2)	131 *3	103	107	118
500-270096-14	3641V-10-B01 (0-2)	114	101	102	107
500-270096-15	3641V-08-B01 (0-2)	153 S1+	99	98	118
500-270096-16	3641V-06-B02 (0-2)	114	98	102	106
500-270096-17	3641V-06-B01 (0-2)	113	95	99	107
500-270096-18	3641V-04-B02 (0-2)	119	98	98	107
500-270096-19	3641V-04-B01 (0-2)	115	97	99	108
LCS 500-823222/7	Lab Control Sample	98	99	98	98
LCS 500-823459/2	Lab Control Sample	111	95	89	107
LCS 500-823604/4	Lab Control Sample	114	95	92	106
LCS 500-823845/6	Lab Control Sample	98	98	99	102
LCSD 500-823222/8	Lab Control Sample Dup	99	98	96	101
LCSD 500-823459/3	Lab Control Sample Dup	113	96	90	108
LCSD 500-823604/5	Lab Control Sample Dup	114	95	90	108
LCSD 500-823845/9	Lab Control Sample Dup	102	99	101	107
MB 500-823222/5	Method Blank	100	107	107	99
MB 500-823459/6	Method Blank	113	95	90	107
MB 500-823604/7	Method Blank	114	93	92	106
MB 500-823845/8	Method Blank	100	100	100	103

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)
500-270096-1	3641V-01-B02 (0-7)	76	80	89	82	75	91
500-270096-2	3641V-01-B02 (7-13)	78	80	86	77	72	77
500-270096-3	3641V-01-B01 (0-3)	74	77	88	78	73	88

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Surrogate Summary

Client: WSP USA Inc

Job ID: 500-270096-1

Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

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)
500-270096-4	3641V-05-B01 (0-5)	64	63	65	67	64	82
500-270096-5	3641V-05-B01 (5-10)	80	85	95	82	81	99
500-270096-6	3641V-05-B01 (10-15)	76	77	88	79	71	98
500-270096-7	3641V-05-B02 (0-5)	79	84	93	84	84	97
500-270096-8	3641V-05-B02 (0-5)D	79	84	91	82	81	98
500-270096-9	3641V-05-B02 (5-10)	81	85	97	86	54	86
500-270096-10	3641V-05-B03 (0-5)	79	86	94	88	85	97
500-270096-11	3641V-05-B03 (5-10)	66	71	78	69	55	85
500-270096-12	3641V-05-B04 (0-2)	74	80	88	82	80	93
500-270096-13	3641V-09-B01 (0-2)	80	84	94	84	79	94
500-270096-14	3641V-10-B01 (0-2)	91	94	108	95	87	102
500-270096-15	3641V-08-B01 (0-2)	81	85	96	87	75	96
500-270096-16	3641V-06-B02 (0-2)	83	88	99	90	87	98
500-270096-17	3641V-06-B01 (0-2)	82	86	94	88	84	95
500-270096-18	3641V-04-B02 (0-2)	68	77	82	78	86	98
500-270096-19	3641V-04-B01 (0-2)	68	74	79	73	85	101
LCS 500-823218/2-A	Lab Control Sample	79	80	94	83	91	95
LCS 500-823337/2-A	Lab Control Sample	76	75	76	84	83	91
MB 500-823218/1-A	Method Blank	86	89	101	86	86	96
MB 500-823337/1-A	Method Blank	83	80	80	86	76	100

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-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-823222/5

Matrix: Solid

Analysis Batch: 823222

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			06/25/25 09:32	1
Benzene	<0.0020		0.0020	0.00063	mg/Kg			06/25/25 09:32	1
Bromodichloromethane	<0.0020		0.0020	0.00064	mg/Kg			06/25/25 09:32	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg			06/25/25 09:32	1
Bromomethane	<0.0050		0.0050	0.0025	mg/Kg			06/25/25 09:32	1
2-Butanone (MEK)	<0.0050		0.0050	0.0022	mg/Kg			06/25/25 09:32	1
Carbon disulfide	<0.0050		0.0050	0.00092	mg/Kg			06/25/25 09:32	1
Carbon tetrachloride	<0.0020		0.0020	0.00068	mg/Kg			06/25/25 09:32	1
Chlorobenzene	<0.0020		0.0020	0.00084	mg/Kg			06/25/25 09:32	1
Chloroethane	<0.0050		0.0050	0.0016	mg/Kg			06/25/25 09:32	1
Chloroform	<0.0020		0.0020	0.0014	mg/Kg			06/25/25 09:32	1
Chloromethane	<0.0050		0.0050	0.00097	mg/Kg			06/25/25 09:32	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00081	mg/Kg			06/25/25 09:32	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00080	mg/Kg			06/25/25 09:32	1
Dibromochloromethane	<0.0020		0.0020	0.00093	mg/Kg			06/25/25 09:32	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0035	mg/Kg			06/25/25 09:32	1
1,1-Dichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/25/25 09:32	1
1,2-Dichloroethane	<0.0050		0.0050	0.0013	mg/Kg			06/25/25 09:32	1
1,1-Dichloroethene	<0.0020		0.0020	0.00082	mg/Kg			06/25/25 09:32	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg			06/25/25 09:32	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00096	mg/Kg			06/25/25 09:32	1
Ethylbenzene	<0.0020		0.0020	0.0011	mg/Kg			06/25/25 09:32	1
2-Hexanone	<0.0050		0.0050	0.0030	mg/Kg			06/25/25 09:32	1
Methylene Chloride	<0.0050		0.0050	0.0021	mg/Kg			06/25/25 09:32	1
4-Methyl-2-pentanone (MIBK)	<0.0050		0.0050	0.0036	mg/Kg			06/25/25 09:32	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00065	mg/Kg			06/25/25 09:32	1
Styrene	<0.0020		0.0020	0.00090	mg/Kg			06/25/25 09:32	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00099	mg/Kg			06/25/25 09:32	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg			06/25/25 09:32	1
Toluene	<0.0020		0.0020	0.00040	mg/Kg			06/25/25 09:32	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00076	mg/Kg			06/25/25 09:32	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00096	mg/Kg			06/25/25 09:32	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00081	mg/Kg			06/25/25 09:32	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/25/25 09:32	1
Trichloroethene	<0.0020		0.0020	0.00054	mg/Kg			06/25/25 09:32	1
Vinyl acetate	<0.0050		0.0050	0.0012	mg/Kg			06/25/25 09:32	1
Vinyl chloride	<0.0020		0.0020	0.00082	mg/Kg			06/25/25 09:32	1
Xylenes, Total	<0.0040		0.0040	0.00069	mg/Kg			06/25/25 09:32	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		75 - 131		06/25/25 09:32	1
Dibromofluoromethane	107		75 - 126		06/25/25 09:32	1
1,2-Dichloroethane-d4 (Surr)	107		70 - 134		06/25/25 09:32	1
Toluene-d8 (Surr)	99		75 - 124		06/25/25 09:32	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823222/7

Matrix: Solid

Analysis Batch: 823222

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	0.0428		mg/Kg		86	40 - 150
Benzene	0.0500	0.0483		mg/Kg		97	70 - 125
Bromodichloromethane	0.0500	0.0487		mg/Kg		97	67 - 129
Bromoform	0.0500	0.0454		mg/Kg		91	68 - 136
Bromomethane	0.0500	0.0347	*-	mg/Kg		69	70 - 130
2-Butanone (MEK)	0.0500	0.0411		mg/Kg		82	47 - 138
Carbon disulfide	0.0500	0.0557		mg/Kg		111	70 - 129
Carbon tetrachloride	0.0500	0.0523		mg/Kg		105	75 - 125
Chlorobenzene	0.0500	0.0465		mg/Kg		93	50 - 150
Chloroethane	0.0500	0.0470		mg/Kg		94	75 - 125
Chloroform	0.0500	0.0463		mg/Kg		93	57 - 135
Chloromethane	0.0500	0.0518		mg/Kg		104	70 - 125
cis-1,2-Dichloroethene	0.0500	0.0484		mg/Kg		97	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0484		mg/Kg		97	70 - 125
Dibromochloromethane	0.0500	0.0420		mg/Kg		84	69 - 125
1,2-Dibromo-3-Chloropropane	0.0500	0.0449		mg/Kg		90	60 - 136
1,1-Dichloroethane	0.0500	0.0488		mg/Kg		98	70 - 125
1,2-Dichloroethane	0.0500	0.0466		mg/Kg		93	70 - 130
1,1-Dichloroethene	0.0500	0.0524		mg/Kg		105	70 - 120
1,2-Dichloropropane	0.0500	0.0465		mg/Kg		93	70 - 125
Ethylbenzene	0.0500	0.0473		mg/Kg		95	61 - 136
2-Hexanone	0.0500	0.0394		mg/Kg		79	48 - 146
Methylene Chloride	0.0500	0.0456		mg/Kg		91	70 - 126
4-Methyl-2-pentanone (MIBK)	0.0500	0.0400		mg/Kg		80	50 - 148
Methyl tert-butyl ether	0.0500	0.0472		mg/Kg		94	50 - 140
Styrene	0.0500	0.0479		mg/Kg		96	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0456		mg/Kg		91	70 - 122
Tetrachloroethene	0.0500	0.0494		mg/Kg		99	70 - 124
Toluene	0.0500	0.0472		mg/Kg		94	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0502		mg/Kg		100	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0486		mg/Kg		97	70 - 125
1,1,1-Trichloroethane	0.0500	0.0495		mg/Kg		99	70 - 128
1,1,2-Trichloroethane	0.0500	0.0467		mg/Kg		93	70 - 125
Trichloroethene	0.0500	0.0499		mg/Kg		100	70 - 125
Vinyl acetate	0.0500	0.0506		mg/Kg		101	40 - 153
Vinyl chloride	0.0500	0.0582		mg/Kg		116	70 - 125
Xylenes, Total	0.100	0.0917		mg/Kg		92	53 - 147

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	98		75 - 131
Dibromofluoromethane	99		75 - 126
1,2-Dichloroethane-d4 (Surr)	98		70 - 134
Toluene-d8 (Surr)	98		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCSD 500-823222/8

Matrix: Solid

Analysis Batch: 823222

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	0.0438		mg/Kg		88	40 - 150	2	30
Benzene	0.0500	0.0493		mg/Kg		99	70 - 125	2	30
Bromodichloromethane	0.0500	0.0502		mg/Kg		100	67 - 129	3	30
Bromoform	0.0500	0.0507		mg/Kg		101	68 - 136	11	30
Bromomethane	0.0500	0.0348		mg/Kg		70	70 - 130	0	30
2-Butanone (MEK)	0.0500	0.0410		mg/Kg		82	47 - 138	0	30
Carbon disulfide	0.0500	0.0563		mg/Kg		113	70 - 129	1	30
Carbon tetrachloride	0.0500	0.0540		mg/Kg		108	75 - 125	3	30
Chlorobenzene	0.0500	0.0484		mg/Kg		97	50 - 150	4	30
Chloroethane	0.0500	0.0415		mg/Kg		83	75 - 125	12	30
Chloroform	0.0500	0.0475		mg/Kg		95	57 - 135	2	30
Chloromethane	0.0500	0.0515		mg/Kg		103	70 - 125	1	30
cis-1,2-Dichloroethene	0.0500	0.0503		mg/Kg		101	70 - 125	4	30
cis-1,3-Dichloropropene	0.0500	0.0512		mg/Kg		102	70 - 125	6	30
Dibromochloromethane	0.0500	0.0444		mg/Kg		89	69 - 125	6	30
1,2-Dibromo-3-Chloropropane	0.0500	0.0475		mg/Kg		95	60 - 136	6	30
1,1-Dichloroethane	0.0500	0.0493		mg/Kg		99	70 - 125	1	30
1,2-Dichloroethane	0.0500	0.0481		mg/Kg		96	70 - 130	3	30
1,1-Dichloroethene	0.0500	0.0522		mg/Kg		104	70 - 120	0	30
1,2-Dichloropropane	0.0500	0.0482		mg/Kg		96	70 - 125	3	30
Ethylbenzene	0.0500	0.0485		mg/Kg		97	61 - 136	2	30
2-Hexanone	0.0500	0.0421		mg/Kg		84	48 - 146	7	30
Methylene Chloride	0.0500	0.0451		mg/Kg		90	70 - 126	1	30
4-Methyl-2-pentanone (MIBK)	0.0500	0.0425		mg/Kg		85	50 - 148	6	30
Methyl tert-butyl ether	0.0500	0.0495		mg/Kg		99	50 - 140	5	30
Styrene	0.0500	0.0504		mg/Kg		101	70 - 125	5	30
1,1,2,2-Tetrachloroethane	0.0500	0.0481		mg/Kg		96	70 - 122	5	30
Tetrachloroethene	0.0500	0.0519		mg/Kg		104	70 - 124	5	30
Toluene	0.0500	0.0490		mg/Kg		98	70 - 125	4	30
trans-1,2-Dichloroethene	0.0500	0.0504		mg/Kg		101	70 - 125	0	30
trans-1,3-Dichloropropene	0.0500	0.0524		mg/Kg		105	70 - 125	7	30
1,1,1-Trichloroethane	0.0500	0.0506		mg/Kg		101	70 - 128	2	30
1,1,2-Trichloroethane	0.0500	0.0503		mg/Kg		101	70 - 125	7	30
Trichloroethene	0.0500	0.0516		mg/Kg		103	70 - 125	3	30
Vinyl acetate	0.0500	0.0545		mg/Kg		109	40 - 153	7	30
Vinyl chloride	0.0500	0.0587		mg/Kg		117	70 - 125	1	30
Xylenes, Total	0.100	0.0949		mg/Kg		95	53 - 147	3	30

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	99		75 - 131
Dibromofluoromethane	98		75 - 126
1,2-Dichloroethane-d4 (Surr)	96		70 - 134
Toluene-d8 (Surr)	101		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-823459/6

Matrix: Solid

Analysis Batch: 823459

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			06/26/25 12:15	1
Benzene	<0.0020		0.0020	0.00063	mg/Kg			06/26/25 12:15	1
Bromodichloromethane	<0.0020		0.0020	0.00064	mg/Kg			06/26/25 12:15	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg			06/26/25 12:15	1
Bromomethane	<0.0050		0.0050	0.0025	mg/Kg			06/26/25 12:15	1
2-Butanone (MEK)	<0.0050		0.0050	0.0022	mg/Kg			06/26/25 12:15	1
Carbon disulfide	<0.0050		0.0050	0.00092	mg/Kg			06/26/25 12:15	1
Carbon tetrachloride	<0.0020		0.0020	0.00068	mg/Kg			06/26/25 12:15	1
Chlorobenzene	<0.0020		0.0020	0.00084	mg/Kg			06/26/25 12:15	1
Chloroethane	<0.0050		0.0050	0.0016	mg/Kg			06/26/25 12:15	1
Chloroform	<0.0020		0.0020	0.0014	mg/Kg			06/26/25 12:15	1
Chloromethane	<0.0050		0.0050	0.00097	mg/Kg			06/26/25 12:15	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00081	mg/Kg			06/26/25 12:15	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00080	mg/Kg			06/26/25 12:15	1
Dibromochloromethane	<0.0020		0.0020	0.00093	mg/Kg			06/26/25 12:15	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0035	mg/Kg			06/26/25 12:15	1
1,1-Dichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/26/25 12:15	1
1,2-Dichloroethane	<0.0050		0.0050	0.0013	mg/Kg			06/26/25 12:15	1
1,1-Dichloroethene	<0.0020		0.0020	0.00082	mg/Kg			06/26/25 12:15	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg			06/26/25 12:15	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00096	mg/Kg			06/26/25 12:15	1
Ethylbenzene	<0.0020		0.0020	0.0011	mg/Kg			06/26/25 12:15	1
2-Hexanone	<0.0050		0.0050	0.0030	mg/Kg			06/26/25 12:15	1
Methylene Chloride	<0.0050		0.0050	0.0021	mg/Kg			06/26/25 12:15	1
4-Methyl-2-pentanone (MIBK)	<0.0050		0.0050	0.0036	mg/Kg			06/26/25 12:15	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00065	mg/Kg			06/26/25 12:15	1
Styrene	<0.0020		0.0020	0.00090	mg/Kg			06/26/25 12:15	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00099	mg/Kg			06/26/25 12:15	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg			06/26/25 12:15	1
Toluene	<0.0020		0.0020	0.00040	mg/Kg			06/26/25 12:15	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00076	mg/Kg			06/26/25 12:15	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00096	mg/Kg			06/26/25 12:15	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00081	mg/Kg			06/26/25 12:15	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/26/25 12:15	1
Trichloroethene	<0.0020		0.0020	0.00054	mg/Kg			06/26/25 12:15	1
Vinyl acetate	<0.0050		0.0050	0.0012	mg/Kg			06/26/25 12:15	1
Vinyl chloride	<0.0020		0.0020	0.00082	mg/Kg			06/26/25 12:15	1
Xylenes, Total	<0.0040		0.0040	0.00069	mg/Kg			06/26/25 12:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		75 - 131		06/26/25 12:15	1
Dibromofluoromethane	95		75 - 126		06/26/25 12:15	1
1,2-Dichloroethane-d4 (Surr)	90		70 - 134		06/26/25 12:15	1
Toluene-d8 (Surr)	107		75 - 124		06/26/25 12:15	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823459/2

Matrix: Solid

Analysis Batch: 823459

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	0.0355		mg/Kg		71	40 - 150
Benzene	0.0500	0.0591		mg/Kg		118	70 - 125
Bromodichloromethane	0.0500	0.0538		mg/Kg		108	67 - 129
Bromoform	0.0500	0.0491		mg/Kg		98	68 - 136
Bromomethane	0.0500	0.0422		mg/Kg		84	70 - 130
2-Butanone (MEK)	0.0500	0.0392		mg/Kg		78	47 - 138
Carbon disulfide	0.0500	0.0529		mg/Kg		106	70 - 129
Carbon tetrachloride	0.0500	0.0541		mg/Kg		108	75 - 125
Chlorobenzene	0.0500	0.0593		mg/Kg		119	50 - 150
Chloroethane	0.0500	0.0433		mg/Kg		87	75 - 125
Chloroform	0.0500	0.0563		mg/Kg		113	57 - 135
Chloromethane	0.0500	0.0344	*-	mg/Kg		69	70 - 125
cis-1,2-Dichloroethene	0.0500	0.0590		mg/Kg		118	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0600		mg/Kg		120	70 - 125
Dibromochloromethane	0.0500	0.0532		mg/Kg		106	69 - 125
1,2-Dibromo-3-Chloropropane	0.0500	0.0577		mg/Kg		115	60 - 136
1,1-Dichloroethane	0.0500	0.0546		mg/Kg		109	70 - 125
1,2-Dichloroethane	0.0500	0.0520		mg/Kg		104	70 - 130
1,1-Dichloroethene	0.0500	0.0524		mg/Kg		105	70 - 120
1,2-Dichloropropane	0.0500	0.0556		mg/Kg		111	70 - 125
Ethylbenzene	0.0500	0.0579		mg/Kg		116	61 - 136
2-Hexanone	0.0500	0.0410		mg/Kg		82	48 - 146
Methylene Chloride	0.0500	0.0496		mg/Kg		99	70 - 126
4-Methyl-2-pentanone (MIBK)	0.0500	0.0421		mg/Kg		84	50 - 148
Methyl tert-butyl ether	0.0500	0.0563		mg/Kg		113	50 - 140
Styrene	0.0500	0.0571		mg/Kg		114	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0597		mg/Kg		119	70 - 122
Tetrachloroethene	0.0500	0.0557		mg/Kg		111	70 - 124
Toluene	0.0500	0.0607		mg/Kg		121	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0597		mg/Kg		119	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0565		mg/Kg		113	70 - 125
1,1,1-Trichloroethane	0.0500	0.0543		mg/Kg		109	70 - 128
1,1,2-Trichloroethane	0.0500	0.0580		mg/Kg		116	70 - 125
Trichloroethene	0.0500	0.0585		mg/Kg		117	70 - 125
Vinyl acetate	0.0500	0.0441		mg/Kg		88	40 - 153
Vinyl chloride	0.0500	0.0435		mg/Kg		87	70 - 125
Xylenes, Total	0.100	0.116		mg/Kg		116	53 - 147

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		75 - 131
Dibromofluoromethane	95		75 - 126
1,2-Dichloroethane-d4 (Surr)	89		70 - 134
Toluene-d8 (Surr)	107		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCSD 500-823459/3

Matrix: Solid

Analysis Batch: 823459

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	0.0330		mg/Kg		66	40 - 150	7	30
Benzene	0.0500	0.0503		mg/Kg		101	70 - 125	16	30
Bromodichloromethane	0.0500	0.0467		mg/Kg		93	67 - 129	14	30
Bromoform	0.0500	0.0429		mg/Kg		86	68 - 136	13	30
Bromomethane	0.0500	0.0420		mg/Kg		84	70 - 130	0	30
2-Butanone (MEK)	0.0500	0.0374		mg/Kg		75	47 - 138	5	30
Carbon disulfide	0.0500	0.0460		mg/Kg		92	70 - 129	14	30
Carbon tetrachloride	0.0500	0.0461		mg/Kg		92	75 - 125	16	30
Chlorobenzene	0.0500	0.0511		mg/Kg		102	50 - 150	15	30
Chloroethane	0.0500	0.0449		mg/Kg		90	75 - 125	4	30
Chloroform	0.0500	0.0473		mg/Kg		95	57 - 135	17	30
Chloromethane	0.0500	0.0354		mg/Kg		71	70 - 125	3	30
cis-1,2-Dichloroethene	0.0500	0.0505		mg/Kg		101	70 - 125	16	30
cis-1,3-Dichloropropene	0.0500	0.0512		mg/Kg		102	70 - 125	16	30
Dibromochloromethane	0.0500	0.0474		mg/Kg		95	69 - 125	12	30
1,2-Dibromo-3-Chloropropane	0.0500	0.0517		mg/Kg		103	60 - 136	11	30
1,1-Dichloroethane	0.0500	0.0474		mg/Kg		95	70 - 125	14	30
1,2-Dichloroethane	0.0500	0.0457		mg/Kg		91	70 - 130	13	30
1,1-Dichloroethene	0.0500	0.0456		mg/Kg		91	70 - 120	14	30
1,2-Dichloropropane	0.0500	0.0487		mg/Kg		97	70 - 125	13	30
Ethylbenzene	0.0500	0.0500		mg/Kg		100	61 - 136	14	30
2-Hexanone	0.0500	0.0372		mg/Kg		74	48 - 146	10	30
Methylene Chloride	0.0500	0.0426		mg/Kg		85	70 - 126	15	30
4-Methyl-2-pentanone (MIBK)	0.0500	0.0376		mg/Kg		75	50 - 148	11	30
Methyl tert-butyl ether	0.0500	0.0503		mg/Kg		101	50 - 140	11	30
Styrene	0.0500	0.0493		mg/Kg		99	70 - 125	15	30
1,1,2,2-Tetrachloroethane	0.0500	0.0537		mg/Kg		107	70 - 122	11	30
Tetrachloroethene	0.0500	0.0482		mg/Kg		96	70 - 124	14	30
Toluene	0.0500	0.0521		mg/Kg		104	70 - 125	15	30
trans-1,2-Dichloroethene	0.0500	0.0511		mg/Kg		102	70 - 125	15	30
trans-1,3-Dichloropropene	0.0500	0.0503		mg/Kg		101	70 - 125	12	30
1,1,1-Trichloroethane	0.0500	0.0470		mg/Kg		94	70 - 128	14	30
1,1,2-Trichloroethane	0.0500	0.0523		mg/Kg		105	70 - 125	10	30
Trichloroethene	0.0500	0.0493		mg/Kg		99	70 - 125	17	30
Vinyl acetate	0.0500	0.0390		mg/Kg		78	40 - 153	12	30
Vinyl chloride	0.0500	0.0440		mg/Kg		88	70 - 125	1	30
Xylenes, Total	0.100	0.100		mg/Kg		100	53 - 147	15	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		75 - 131
Dibromofluoromethane	96		75 - 126
1,2-Dichloroethane-d4 (Surr)	90		70 - 134
Toluene-d8 (Surr)	108		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-823604/7

Matrix: Solid

Analysis Batch: 823604

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			06/27/25 11:11	1
Benzene	<0.0020		0.0020	0.00063	mg/Kg			06/27/25 11:11	1
Bromodichloromethane	<0.0020		0.0020	0.00064	mg/Kg			06/27/25 11:11	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg			06/27/25 11:11	1
Bromomethane	<0.0050		0.0050	0.0025	mg/Kg			06/27/25 11:11	1
2-Butanone (MEK)	<0.0050		0.0050	0.0022	mg/Kg			06/27/25 11:11	1
Carbon disulfide	<0.0050		0.0050	0.00092	mg/Kg			06/27/25 11:11	1
Carbon tetrachloride	<0.0020		0.0020	0.00068	mg/Kg			06/27/25 11:11	1
Chlorobenzene	<0.0020		0.0020	0.00084	mg/Kg			06/27/25 11:11	1
Chloroethane	<0.0050		0.0050	0.0016	mg/Kg			06/27/25 11:11	1
Chloroform	<0.0020		0.0020	0.0014	mg/Kg			06/27/25 11:11	1
Chloromethane	<0.0050		0.0050	0.00097	mg/Kg			06/27/25 11:11	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00081	mg/Kg			06/27/25 11:11	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00080	mg/Kg			06/27/25 11:11	1
Dibromochloromethane	<0.0020		0.0020	0.00093	mg/Kg			06/27/25 11:11	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0035	mg/Kg			06/27/25 11:11	1
1,1-Dichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/27/25 11:11	1
1,2-Dichloroethane	<0.0050		0.0050	0.0013	mg/Kg			06/27/25 11:11	1
1,1-Dichloroethene	<0.0020		0.0020	0.00082	mg/Kg			06/27/25 11:11	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg			06/27/25 11:11	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00096	mg/Kg			06/27/25 11:11	1
Ethylbenzene	<0.0020		0.0020	0.0011	mg/Kg			06/27/25 11:11	1
2-Hexanone	<0.0050		0.0050	0.0030	mg/Kg			06/27/25 11:11	1
Methylene Chloride	<0.0050		0.0050	0.0021	mg/Kg			06/27/25 11:11	1
4-Methyl-2-pentanone (MIBK)	<0.0050		0.0050	0.0036	mg/Kg			06/27/25 11:11	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00065	mg/Kg			06/27/25 11:11	1
Styrene	<0.0020		0.0020	0.00090	mg/Kg			06/27/25 11:11	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00099	mg/Kg			06/27/25 11:11	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg			06/27/25 11:11	1
Toluene	<0.0020		0.0020	0.00040	mg/Kg			06/27/25 11:11	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00076	mg/Kg			06/27/25 11:11	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00096	mg/Kg			06/27/25 11:11	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00081	mg/Kg			06/27/25 11:11	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/27/25 11:11	1
Trichloroethene	<0.0020		0.0020	0.00054	mg/Kg			06/27/25 11:11	1
Vinyl acetate	<0.0050		0.0050	0.0012	mg/Kg			06/27/25 11:11	1
Vinyl chloride	<0.0020		0.0020	0.00082	mg/Kg			06/27/25 11:11	1
Xylenes, Total	<0.0040		0.0040	0.00069	mg/Kg			06/27/25 11:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		75 - 131		06/27/25 11:11	1
Dibromofluoromethane	93		75 - 126		06/27/25 11:11	1
1,2-Dichloroethane-d4 (Surr)	92		70 - 134		06/27/25 11:11	1
Toluene-d8 (Surr)	106		75 - 124		06/27/25 11:11	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823604/4

Matrix: Solid

Analysis Batch: 823604

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	0.0365		mg/Kg		73	40 - 150
Benzene	0.0500	0.0558		mg/Kg		112	70 - 125
Bromodichloromethane	0.0500	0.0507		mg/Kg		101	67 - 129
Bromoform	0.0500	0.0452		mg/Kg		90	68 - 136
Bromomethane	0.0500	0.0478		mg/Kg		96	70 - 130
2-Butanone (MEK)	0.0500	0.0402		mg/Kg		80	47 - 138
Carbon disulfide	0.0500	0.0503		mg/Kg		101	70 - 129
Carbon tetrachloride	0.0500	0.0513		mg/Kg		103	75 - 125
Chlorobenzene	0.0500	0.0550		mg/Kg		110	50 - 150
Chloroethane	0.0500	0.0481		mg/Kg		96	75 - 125
Chloroform	0.0500	0.0519		mg/Kg		104	57 - 135
Chloromethane	0.0500	0.0437		mg/Kg		87	70 - 125
cis-1,2-Dichloroethene	0.0500	0.0553		mg/Kg		111	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0543		mg/Kg		109	70 - 125
Dibromochloromethane	0.0500	0.0498		mg/Kg		100	69 - 125
1,2-Dibromo-3-Chloropropane	0.0500	0.0560		mg/Kg		112	60 - 136
1,1-Dichloroethane	0.0500	0.0519		mg/Kg		104	70 - 125
1,2-Dichloroethane	0.0500	0.0491		mg/Kg		98	70 - 130
1,1-Dichloroethene	0.0500	0.0501		mg/Kg		100	70 - 120
1,2-Dichloropropane	0.0500	0.0526		mg/Kg		105	70 - 125
Ethylbenzene	0.0500	0.0549		mg/Kg		110	61 - 136
2-Hexanone	0.0500	0.0373		mg/Kg		75	48 - 146
Methylene Chloride	0.0500	0.0491		mg/Kg		98	70 - 126
4-Methyl-2-pentanone (MIBK)	0.0500	0.0393		mg/Kg		79	50 - 148
Methyl tert-butyl ether	0.0500	0.0541		mg/Kg		108	50 - 140
Styrene	0.0500	0.0536		mg/Kg		107	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0551		mg/Kg		110	70 - 122
Tetrachloroethene	0.0500	0.0524		mg/Kg		105	70 - 124
Toluene	0.0500	0.0561		mg/Kg		112	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0566		mg/Kg		113	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0526		mg/Kg		105	70 - 125
1,1,1-Trichloroethane	0.0500	0.0522		mg/Kg		104	70 - 128
1,1,2-Trichloroethane	0.0500	0.0553		mg/Kg		111	70 - 125
Trichloroethene	0.0500	0.0566		mg/Kg		113	70 - 125
Vinyl acetate	0.0500	0.0389		mg/Kg		78	40 - 153
Vinyl chloride	0.0500	0.0512		mg/Kg		102	70 - 125
Xylenes, Total	0.100	0.109		mg/Kg		109	53 - 147

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	114		75 - 131
Dibromofluoromethane	95		75 - 126
1,2-Dichloroethane-d4 (Surr)	92		70 - 134
Toluene-d8 (Surr)	106		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCSD 500-823604/5

Matrix: Solid

Analysis Batch: 823604

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	0.0354		mg/Kg		71	40 - 150	3	30
Benzene	0.0500	0.0533		mg/Kg		107	70 - 125	5	30
Bromodichloromethane	0.0500	0.0484		mg/Kg		97	67 - 129	4	30
Bromoform	0.0500	0.0435		mg/Kg		87	68 - 136	4	30
Bromomethane	0.0500	0.0461		mg/Kg		92	70 - 130	4	30
2-Butanone (MEK)	0.0500	0.0365		mg/Kg		73	47 - 138	10	30
Carbon disulfide	0.0500	0.0495		mg/Kg		99	70 - 129	1	30
Carbon tetrachloride	0.0500	0.0504		mg/Kg		101	75 - 125	2	30
Chlorobenzene	0.0500	0.0543		mg/Kg		109	50 - 150	1	30
Chloroethane	0.0500	0.0479		mg/Kg		96	75 - 125	1	30
Chloroform	0.0500	0.0506		mg/Kg		101	57 - 135	2	30
Chloromethane	0.0500	0.0421		mg/Kg		84	70 - 125	4	30
cis-1,2-Dichloroethene	0.0500	0.0539		mg/Kg		108	70 - 125	3	30
cis-1,3-Dichloropropene	0.0500	0.0537		mg/Kg		107	70 - 125	1	30
Dibromochloromethane	0.0500	0.0482		mg/Kg		96	69 - 125	3	30
1,2-Dibromo-3-Chloropropane	0.0500	0.0511		mg/Kg		102	60 - 136	9	30
1,1-Dichloroethane	0.0500	0.0502		mg/Kg		100	70 - 125	3	30
1,2-Dichloroethane	0.0500	0.0472		mg/Kg		94	70 - 130	4	30
1,1-Dichloroethene	0.0500	0.0483		mg/Kg		97	70 - 120	4	30
1,2-Dichloropropane	0.0500	0.0509		mg/Kg		102	70 - 125	3	30
Ethylbenzene	0.0500	0.0527		mg/Kg		105	61 - 136	4	30
2-Hexanone	0.0500	0.0353		mg/Kg		71	48 - 146	5	30
Methylene Chloride	0.0500	0.0494		mg/Kg		99	70 - 126	1	30
4-Methyl-2-pentanone (MIBK)	0.0500	0.0371		mg/Kg		74	50 - 148	6	30
Methyl tert-butyl ether	0.0500	0.0521		mg/Kg		104	50 - 140	4	30
Styrene	0.0500	0.0513		mg/Kg		103	70 - 125	4	30
1,1,2,2-Tetrachloroethane	0.0500	0.0518		mg/Kg		104	70 - 122	6	30
Tetrachloroethene	0.0500	0.0514		mg/Kg		103	70 - 124	2	30
Toluene	0.0500	0.0555		mg/Kg		111	70 - 125	1	30
trans-1,2-Dichloroethene	0.0500	0.0555		mg/Kg		111	70 - 125	2	30
trans-1,3-Dichloropropene	0.0500	0.0513		mg/Kg		103	70 - 125	2	30
1,1,1-Trichloroethane	0.0500	0.0506		mg/Kg		101	70 - 128	3	30
1,1,2-Trichloroethane	0.0500	0.0527		mg/Kg		105	70 - 125	5	30
Trichloroethene	0.0500	0.0544		mg/Kg		109	70 - 125	4	30
Vinyl acetate	0.0500	0.0363		mg/Kg		73	40 - 153	7	30
Vinyl chloride	0.0500	0.0488		mg/Kg		98	70 - 125	5	30
Xylenes, Total	0.100	0.105		mg/Kg		105	53 - 147	3	30

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	114		75 - 131
Dibromofluoromethane	95		75 - 126
1,2-Dichloroethane-d4 (Surr)	90		70 - 134
Toluene-d8 (Surr)	108		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-823845/8

Matrix: Solid

Analysis Batch: 823845

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			06/30/25 11:25	1
Benzene	<0.0020		0.0020	0.00063	mg/Kg			06/30/25 11:25	1
Bromodichloromethane	<0.0020		0.0020	0.00064	mg/Kg			06/30/25 11:25	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg			06/30/25 11:25	1
Bromomethane	<0.0050		0.0050	0.0025	mg/Kg			06/30/25 11:25	1
2-Butanone (MEK)	<0.0050		0.0050	0.0022	mg/Kg			06/30/25 11:25	1
Carbon disulfide	<0.0050		0.0050	0.00092	mg/Kg			06/30/25 11:25	1
Carbon tetrachloride	<0.0020		0.0020	0.00068	mg/Kg			06/30/25 11:25	1
Chlorobenzene	<0.0020		0.0020	0.00084	mg/Kg			06/30/25 11:25	1
Chloroethane	<0.0050		0.0050	0.0016	mg/Kg			06/30/25 11:25	1
Chloroform	<0.0020		0.0020	0.0014	mg/Kg			06/30/25 11:25	1
Chloromethane	<0.0050		0.0050	0.00097	mg/Kg			06/30/25 11:25	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00081	mg/Kg			06/30/25 11:25	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00080	mg/Kg			06/30/25 11:25	1
Dibromochloromethane	<0.0020		0.0020	0.00093	mg/Kg			06/30/25 11:25	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0035	mg/Kg			06/30/25 11:25	1
1,1-Dichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/30/25 11:25	1
1,2-Dichloroethane	<0.0050		0.0050	0.0013	mg/Kg			06/30/25 11:25	1
1,1-Dichloroethene	<0.0020		0.0020	0.00082	mg/Kg			06/30/25 11:25	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg			06/30/25 11:25	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00096	mg/Kg			06/30/25 11:25	1
Ethylbenzene	<0.0020		0.0020	0.0011	mg/Kg			06/30/25 11:25	1
2-Hexanone	<0.0050		0.0050	0.0030	mg/Kg			06/30/25 11:25	1
Methylene Chloride	<0.0050		0.0050	0.0021	mg/Kg			06/30/25 11:25	1
4-Methyl-2-pentanone (MIBK)	<0.0050		0.0050	0.0036	mg/Kg			06/30/25 11:25	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00065	mg/Kg			06/30/25 11:25	1
Styrene	<0.0020		0.0020	0.00090	mg/Kg			06/30/25 11:25	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00099	mg/Kg			06/30/25 11:25	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg			06/30/25 11:25	1
Toluene	<0.0020		0.0020	0.00040	mg/Kg			06/30/25 11:25	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00076	mg/Kg			06/30/25 11:25	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00096	mg/Kg			06/30/25 11:25	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00081	mg/Kg			06/30/25 11:25	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/30/25 11:25	1
Trichloroethene	<0.0020		0.0020	0.00054	mg/Kg			06/30/25 11:25	1
Vinyl acetate	<0.0050		0.0050	0.0012	mg/Kg			06/30/25 11:25	1
Vinyl chloride	<0.0020		0.0020	0.00082	mg/Kg			06/30/25 11:25	1
Xylenes, Total	<0.0040		0.0040	0.00069	mg/Kg			06/30/25 11:25	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		75 - 131		06/30/25 11:25	1
Dibromofluoromethane	100		75 - 126		06/30/25 11:25	1
1,2-Dichloroethane-d4 (Surr)	100		70 - 134		06/30/25 11:25	1
Toluene-d8 (Surr)	103		75 - 124		06/30/25 11:25	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823845/6

Matrix: Solid

Analysis Batch: 823845

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	0.0429		mg/Kg		86	40 - 150
Benzene	0.0500	0.0519		mg/Kg		104	70 - 125
Bromodichloromethane	0.0500	0.0491		mg/Kg		98	67 - 129
Bromoform	0.0500	0.0489		mg/Kg		98	68 - 136
Bromomethane	0.0500	0.0576		mg/Kg		115	70 - 130
2-Butanone (MEK)	0.0500	0.0469		mg/Kg		94	47 - 138
Carbon disulfide	0.0500	0.0497		mg/Kg		99	70 - 129
Carbon tetrachloride	0.0500	0.0441		mg/Kg		88	75 - 125
Chlorobenzene	0.0500	0.0484		mg/Kg		97	50 - 150
Chloroethane	0.0500	0.0490		mg/Kg		98	75 - 125
Chloroform	0.0500	0.0458		mg/Kg		92	57 - 135
Chloromethane	0.0500	0.0522		mg/Kg		104	70 - 125
cis-1,2-Dichloroethene	0.0500	0.0495		mg/Kg		99	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0525		mg/Kg		105	70 - 125
Dibromochloromethane	0.0500	0.0497		mg/Kg		99	69 - 125
1,2-Dibromo-3-Chloropropane	0.0500	0.0506		mg/Kg		101	60 - 136
1,1-Dichloroethane	0.0500	0.0491		mg/Kg		98	70 - 125
1,2-Dichloroethane	0.0500	0.0475		mg/Kg		95	70 - 130
1,1-Dichloroethene	0.0500	0.0492		mg/Kg		98	70 - 120
1,2-Dichloropropane	0.0500	0.0508		mg/Kg		102	70 - 125
Ethylbenzene	0.0500	0.0548		mg/Kg		110	61 - 136
2-Hexanone	0.0500	0.0520		mg/Kg		104	48 - 146
Methylene Chloride	0.0500	0.0516		mg/Kg		103	70 - 126
4-Methyl-2-pentanone (MIBK)	0.0500	0.0538		mg/Kg		108	50 - 148
Methyl tert-butyl ether	0.0500	0.0477		mg/Kg		95	50 - 140
Styrene	0.0500	0.0539		mg/Kg		108	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0575		mg/Kg		115	70 - 122
Tetrachloroethene	0.0500	0.0490		mg/Kg		98	70 - 124
Toluene	0.0500	0.0465		mg/Kg		93	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0487		mg/Kg		97	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0501		mg/Kg		100	70 - 125
1,1,1-Trichloroethane	0.0500	0.0465		mg/Kg		93	70 - 128
1,1,2-Trichloroethane	0.0500	0.0512		mg/Kg		102	70 - 125
Trichloroethene	0.0500	0.0469		mg/Kg		94	70 - 125
Vinyl acetate	0.0500	0.0545		mg/Kg		109	40 - 153
Vinyl chloride	0.0500	0.0526		mg/Kg		105	70 - 125
Xylenes, Total	0.100	0.0988		mg/Kg		99	53 - 147

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	98		75 - 131
Dibromofluoromethane	98		75 - 126
1,2-Dichloroethane-d4 (Surr)	99		70 - 134
Toluene-d8 (Surr)	102		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCSD 500-823845/9

Matrix: Solid

Analysis Batch: 823845

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	0.0334		mg/Kg		67	40 - 150	25	30
Benzene	0.0500	0.0429		mg/Kg		86	70 - 125	19	30
Bromodichloromethane	0.0500	0.0411		mg/Kg		82	67 - 129	18	30
Bromoform	0.0500	0.0385		mg/Kg		77	68 - 136	24	30
Bromomethane	0.0500	0.0441		mg/Kg		88	70 - 130	27	30
2-Butanone (MEK)	0.0500	0.0376		mg/Kg		75	47 - 138	22	30
Carbon disulfide	0.0500	0.0421		mg/Kg		84	70 - 129	17	30
Carbon tetrachloride	0.0500	0.0372	*-	mg/Kg		74	75 - 125	17	30
Chlorobenzene	0.0500	0.0402		mg/Kg		80	50 - 150	18	30
Chloroethane	0.0500	0.0389		mg/Kg		78	75 - 125	23	30
Chloroform	0.0500	0.0378		mg/Kg		76	57 - 135	19	30
Chloromethane	0.0500	0.0409		mg/Kg		82	70 - 125	24	30
cis-1,2-Dichloroethene	0.0500	0.0418		mg/Kg		84	70 - 125	17	30
cis-1,3-Dichloropropene	0.0500	0.0446		mg/Kg		89	70 - 125	16	30
Dibromochloromethane	0.0500	0.0408		mg/Kg		82	69 - 125	20	30
1,2-Dibromo-3-Chloropropane	0.0500	0.0396		mg/Kg		79	60 - 136	24	30
1,1-Dichloroethane	0.0500	0.0405		mg/Kg		81	70 - 125	19	30
1,2-Dichloroethane	0.0500	0.0387		mg/Kg		77	70 - 130	20	30
1,1-Dichloroethene	0.0500	0.0409		mg/Kg		82	70 - 120	18	30
1,2-Dichloropropane	0.0500	0.0429		mg/Kg		86	70 - 125	17	30
Ethylbenzene	0.0500	0.0449		mg/Kg		90	61 - 136	20	30
2-Hexanone	0.0500	0.0430		mg/Kg		86	48 - 146	19	30
Methylene Chloride	0.0500	0.0437		mg/Kg		87	70 - 126	17	30
4-Methyl-2-pentanone (MIBK)	0.0500	0.0439		mg/Kg		88	50 - 148	20	30
Methyl tert-butyl ether	0.0500	0.0390		mg/Kg		78	50 - 140	20	30
Styrene	0.0500	0.0444		mg/Kg		89	70 - 125	19	30
1,1,2,2-Tetrachloroethane	0.0500	0.0479		mg/Kg		96	70 - 122	18	30
Tetrachloroethene	0.0500	0.0404		mg/Kg		81	70 - 124	19	30
Toluene	0.0500	0.0392		mg/Kg		78	70 - 125	17	30
trans-1,2-Dichloroethene	0.0500	0.0417		mg/Kg		83	70 - 125	15	30
trans-1,3-Dichloropropene	0.0500	0.0414		mg/Kg		83	70 - 125	19	30
1,1,1-Trichloroethane	0.0500	0.0383		mg/Kg		77	70 - 128	19	30
1,1,2-Trichloroethane	0.0500	0.0424		mg/Kg		85	70 - 125	19	30
Trichloroethene	0.0500	0.0391		mg/Kg		78	70 - 125	18	30
Vinyl acetate	0.0500	0.0449		mg/Kg		90	40 - 153	19	30
Vinyl chloride	0.0500	0.0426		mg/Kg		85	70 - 125	21	30
Xylenes, Total	0.100	0.0823		mg/Kg		82	53 - 147	18	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		75 - 131
Dibromofluoromethane	99		75 - 126
1,2-Dichloroethane-d4 (Surr)	101		70 - 134
Toluene-d8 (Surr)	107		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-823218/1-A

Matrix: Solid

Analysis Batch: 823426

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 823218

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		06/25/25 07:38	06/26/25 11:47	1
1,2-Dichlorobenzene	<0.17		0.17	0.014	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
1,3-Dichlorobenzene	<0.17		0.17	0.015	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
1,4-Dichlorobenzene	<0.17		0.17	0.016	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,2'-oxybis[1-chloropropane]	<0.17		0.17	0.024	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,4,5-Trichlorophenol	<0.33		0.33	0.013	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,4,6-Trichlorophenol	<0.33		0.33	0.011	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,4-Dichlorophenol	<0.33		0.33	0.012	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,4-Dimethylphenol	<0.33		0.33	0.074	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,4-Dinitrophenol	<0.67		0.67	0.19	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,4-Dinitrotoluene	<0.17		0.17	0.019	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,6-Dinitrotoluene	<0.17		0.17	0.023	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2-Chloronaphthalene	<0.17		0.17	0.012	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2-Chlorophenol	<0.17		0.17	0.011	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2-Methylnaphthalene	<0.067		0.067	0.0067	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2-Methylphenol	<0.17		0.17	0.018	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2-Nitroaniline	<0.17		0.17	0.018	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2-Nitrophenol	<0.33		0.33	0.023	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
3 & 4 Methylphenol	<0.17		0.17	0.024	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
3,3'-Dichlorobenzidine	<0.17		0.17	0.15	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
3-Nitroaniline	<0.33		0.33	0.015	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
4,6-Dinitro-2-methylphenol	<0.67		0.67	0.19	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
4-Bromophenyl phenyl ether	<0.17		0.17	0.023	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
4-Chloro-3-methylphenol	<0.33		0.33	0.028	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
4-Chloroaniline	<0.67		0.67	0.35	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
4-Chlorophenyl phenyl ether	<0.17		0.17	0.044	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
4-Nitroaniline	<0.33		0.33	0.025	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
4-Nitrophenol	<0.67		0.67	0.36	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Acenaphthene	<0.033		0.033	0.0068	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Acenaphthylene	<0.033		0.033	0.0056	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Anthracene	<0.033		0.033	0.0068	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Benzo[a]anthracene	<0.033		0.033	0.0070	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Benzo[a]pyrene	<0.033		0.033	0.032	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Benzo[b]fluoranthene	<0.033		0.033	0.032	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Benzo[g,h,i]perylene	<0.033		0.033	0.015	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Benzo[k]fluoranthene	<0.033		0.033	0.013	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Bis(2-chloroethoxy)methane	<0.17		0.17	0.012	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Bis(2-chloroethyl)ether	<0.17		0.17	0.015	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Bis(2-ethylhexyl) phthalate	<0.17		0.17	0.13	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Butyl benzyl phthalate	<0.17		0.17	0.017	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Carbazole	<0.17		0.17	0.013	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Chrysene	<0.033		0.033	0.0088	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Dibenz(a,h)anthracene	<0.033		0.033	0.033	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Dibenzofuran	<0.17		0.17	0.012	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Diethyl phthalate	<0.17		0.17	0.015	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Dimethyl phthalate	<0.17		0.17	0.0072	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Di-n-butyl phthalate	<0.17		0.17	0.011	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Di-n-octyl phthalate	<0.33		0.33	0.23	mg/Kg		06/25/25 07:38	06/26/25 11:47	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-823218/1-A

Matrix: Solid

Analysis Batch: 823426

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 823218

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	<0.033		0.033	0.0077	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Fluorene	<0.033		0.033	0.0098	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Hexachlorobenzene	<0.067		0.067	0.0064	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Hexachlorobutadiene	<0.17		0.17	0.019	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Hexachlorocyclopentadiene	<0.67		0.67	0.35	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Hexachloroethane	<0.17		0.17	0.017	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Indeno[1,2,3-cd]pyrene	<0.033		0.033	0.032	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Isophorone	<0.17		0.17	0.017	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Naphthalene	<0.033		0.033	0.0060	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Nitrobenzene	<0.033		0.033	0.011	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
N-Nitrosodi-n-propylamine	<0.067		0.067	0.019	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
N-Nitrosodiphenylamine	<0.17		0.17	0.066	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Pentachlorophenol	<0.67		0.67	0.37	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Phenanthrene	<0.033		0.033	0.0072	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Phenol	<0.17		0.17	0.014	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Pyrene	<0.033		0.033	0.0091	mg/Kg		06/25/25 07:38	06/26/25 11:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	86		31 - 166	06/25/25 07:38	06/26/25 11:47	1
Phenol-d5 (Surr)	89		30 - 153	06/25/25 07:38	06/26/25 11:47	1
Nitrobenzene-d5 (Surr)	101		37 - 147	06/25/25 07:38	06/26/25 11:47	1
2-Fluorobiphenyl (Surr)	86		43 - 145	06/25/25 07:38	06/26/25 11:47	1
2,4,6-Tribromophenol (Surr)	86		31 - 143	06/25/25 07:38	06/26/25 11:47	1
Terphenyl-d14 (Surr)	96		42 - 157	06/25/25 07:38	06/26/25 11:47	1

Lab Sample ID: LCS 500-823218/2-A

Matrix: Solid

Analysis Batch: 823426

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823218

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	3.33	2.28		mg/Kg		68	49 - 100
1,2-Dichlorobenzene	3.33	2.15		mg/Kg		64	47 - 94
1,3-Dichlorobenzene	3.33	2.17		mg/Kg		65	47 - 92
1,4-Dichlorobenzene	3.33	2.18		mg/Kg		65	46 - 92
2,2'-oxybis[1-chloropropane]	3.33	2.94		mg/Kg		88	43 - 111
2,4,5-Trichlorophenol	3.33	2.93		mg/Kg		88	48 - 121
2,4,6-Trichlorophenol	3.33	2.82		mg/Kg		85	50 - 121
2,4-Dichlorophenol	3.33	2.49		mg/Kg		75	51 - 109
2,4-Dimethylphenol	3.33	2.54		mg/Kg		76	48 - 93
2,4-Dinitrophenol	6.67	5.79		mg/Kg		87	10 - 130
2,4-Dinitrotoluene	3.33	2.97		mg/Kg		89	65 - 120
2,6-Dinitrotoluene	3.33	3.05		mg/Kg		91	66 - 117
2-Chloronaphthalene	3.33	2.61		mg/Kg		78	60 - 107
2-Chlorophenol	3.33	2.58		mg/Kg		77	50 - 102
2-Methylnaphthalene	3.33	2.57		mg/Kg		77	58 - 103
2-Methylphenol	3.33	2.34		mg/Kg		70	50 - 104
2-Nitroaniline	3.33	3.53		mg/Kg		106	61 - 126
2-Nitrophenol	3.33	2.70		mg/Kg		81	41 - 114

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823218/2-A

Matrix: Solid

Analysis Batch: 823426

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823218

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
3 & 4 Methylphenol	3.33	2.42		mg/Kg		73	49 - 109
3,3'-Dichlorobenzidine	3.33	2.74		mg/Kg		82	36 - 131
3-Nitroaniline	3.33	2.84		mg/Kg		85	44 - 124
4,6-Dinitro-2-methylphenol	6.67	7.01		mg/Kg		105	36 - 138
4-Bromophenyl phenyl ether	3.33	3.07		mg/Kg		92	57 - 124
4-Chloro-3-methylphenol	3.33	2.67		mg/Kg		80	57 - 113
4-Chloroaniline	3.33	2.20		mg/Kg		66	22 - 110
4-Chlorophenyl phenyl ether	3.33	2.48		mg/Kg		75	60 - 112
4-Nitroaniline	3.33	3.02		mg/Kg		91	60 - 115
4-Nitrophenol	6.67	4.48		mg/Kg		67	45 - 126
Acenaphthene	3.33	2.61		mg/Kg		78	63 - 109
Acenaphthylene	3.33	2.81		mg/Kg		84	61 - 115
Anthracene	3.33	3.09		mg/Kg		93	68 - 120
Benzo[a]anthracene	3.33	2.82		mg/Kg		85	70 - 121
Benzo[a]pyrene	3.33	3.32		mg/Kg		100	73 - 132
Benzo[b]fluoranthene	3.33	3.53		mg/Kg		106	68 - 123
Benzo[g,h,i]perylene	3.33	3.14		mg/Kg		94	65 - 126
Benzo[k]fluoranthene	3.33	3.04		mg/Kg		91	64 - 128
Bis(2-chloroethoxy)methane	3.33	2.68		mg/Kg		80	54 - 102
Bis(2-chloroethyl)ether	3.33	2.70		mg/Kg		81	49 - 99
Bis(2-ethylhexyl) phthalate	3.33	3.22		mg/Kg		97	70 - 139
Butyl benzyl phthalate	3.33	3.12		mg/Kg		94	65 - 140
Carbazole	3.33	3.09		mg/Kg		93	68 - 120
Chrysene	3.33	2.91		mg/Kg		87	70 - 123
Dibenz(a,h)anthracene	3.33	2.75		mg/Kg		82	66 - 125
Dibenzofuran	3.33	2.60		mg/Kg		78	64 - 112
Diethyl phthalate	3.33	2.94		mg/Kg		88	66 - 115
Dimethyl phthalate	3.33	2.89		mg/Kg		87	65 - 114
Di-n-butyl phthalate	3.33	3.19		mg/Kg		96	69 - 125
Di-n-octyl phthalate	3.33	3.30		mg/Kg		99	61 - 131
Fluoranthene	3.33	3.09		mg/Kg		93	66 - 123
Fluorene	3.33	2.62		mg/Kg		79	62 - 113
Hexachlorobenzene	3.33	3.11		mg/Kg		93	52 - 126
Hexachlorobutadiene	3.33	2.32		mg/Kg		70	42 - 103
Hexachlorocyclopentadiene	3.33	1.80		mg/Kg		54	10 - 100
Hexachloroethane	3.33	2.23		mg/Kg		67	45 - 95
Indeno[1,2,3-cd]pyrene	3.33	3.51		mg/Kg		105	66 - 131
Isophorone	3.33	2.93		mg/Kg		88	47 - 108
Naphthalene	3.33	2.40		mg/Kg		72	54 - 98
Nitrobenzene	3.33	3.14		mg/Kg		94	52 - 105
N-Nitrosodi-n-propylamine	3.33	2.77		mg/Kg		83	48 - 110
N-Nitrosodiphenylamine	3.33	3.04		mg/Kg		91	67 - 112
Pentachlorophenol	6.67	4.81		mg/Kg		72	32 - 128
Phenanthrene	3.33	3.03		mg/Kg		91	65 - 115
Phenol	3.33	2.52		mg/Kg		76	52 - 110
Pyrene	3.33	3.07		mg/Kg		92	71 - 128

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823218/2-A

Matrix: Solid

Analysis Batch: 823426

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823218

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
2-Fluorophenol (Surr)	79		31 - 166
Phenol-d5 (Surr)	80		30 - 153
Nitrobenzene-d5 (Surr)	94		37 - 147
2-Fluorobiphenyl (Surr)	83		43 - 145
2,4,6-Tribromophenol (Surr)	91		31 - 143
Terphenyl-d14 (Surr)	95		42 - 157

Lab Sample ID: MB 500-823337/1-A

Matrix: Solid

Analysis Batch: 823620

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 823337

Analyte	MB	MB							
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.17		0.17	0.024	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
1,2-Dichlorobenzene	<0.17		0.17	0.014	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
1,3-Dichlorobenzene	<0.17		0.17	0.015	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
1,4-Dichlorobenzene	<0.17		0.17	0.016	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,2'-oxybis[1-chloropropane]	<0.17		0.17	0.024	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,4,5-Trichlorophenol	<0.33		0.33	0.013	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,4,6-Trichlorophenol	<0.33		0.33	0.011	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,4-Dichlorophenol	<0.33		0.33	0.012	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,4-Dimethylphenol	<0.33		0.33	0.074	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,4-Dinitrophenol	<0.67		0.67	0.19	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,4-Dinitrotoluene	<0.17		0.17	0.019	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,6-Dinitrotoluene	<0.17		0.17	0.023	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2-Chloronaphthalene	<0.17		0.17	0.012	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2-Chlorophenol	<0.17		0.17	0.011	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2-Methylnaphthalene	<0.067		0.067	0.0067	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2-Methylphenol	<0.17		0.17	0.018	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2-Nitroaniline	<0.17		0.17	0.018	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2-Nitrophenol	<0.33		0.33	0.023	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
3 & 4 Methylphenol	<0.17		0.17	0.024	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
3,3'-Dichlorobenzidine	<0.17		0.17	0.15	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
3-Nitroaniline	<0.33		0.33	0.015	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
4,6-Dinitro-2-methylphenol	<0.67		0.67	0.19	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
4-Bromophenyl phenyl ether	<0.17		0.17	0.023	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
4-Chloro-3-methylphenol	<0.33		0.33	0.028	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
4-Chloroaniline	<0.67		0.67	0.35	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
4-Chlorophenyl phenyl ether	<0.17		0.17	0.044	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
4-Nitroaniline	<0.33		0.33	0.025	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
4-Nitrophenol	<0.67		0.67	0.36	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Acenaphthene	<0.033		0.033	0.0068	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Acenaphthylene	<0.033		0.033	0.0056	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Anthracene	<0.033		0.033	0.0068	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Benzo[a]anthracene	<0.033		0.033	0.0070	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Benzo[a]pyrene	<0.033		0.033	0.032	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Benzo[b]fluoranthene	<0.033		0.033	0.032	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Benzo[g,h,i]perylene	<0.033		0.033	0.015	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Benzo[k]fluoranthene	<0.033		0.033	0.013	mg/Kg		06/25/25 14:04	06/27/25 11:53	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-823337/1-A

Matrix: Solid

Analysis Batch: 823620

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 823337

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	<0.17		0.17	0.012	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Bis(2-chloroethyl)ether	<0.17		0.17	0.015	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Bis(2-ethylhexyl) phthalate	<0.17		0.17	0.13	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Butyl benzyl phthalate	<0.17		0.17	0.017	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Carbazole	<0.17		0.17	0.013	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Chrysene	<0.033		0.033	0.0088	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Dibenz(a,h)anthracene	<0.033		0.033	0.033	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Dibenzofuran	<0.17		0.17	0.012	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Diethyl phthalate	0.0239	J	0.17	0.015	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Dimethyl phthalate	<0.17		0.17	0.0072	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Di-n-butyl phthalate	<0.17		0.17	0.011	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Di-n-octyl phthalate	<0.33		0.33	0.23	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Fluoranthene	<0.033		0.033	0.0077	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Fluorene	<0.033		0.033	0.0098	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Hexachlorobenzene	<0.067		0.067	0.0064	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Hexachlorobutadiene	<0.17		0.17	0.019	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Hexachlorocyclopentadiene	<0.67		0.67	0.35	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Hexachloroethane	<0.17		0.17	0.017	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Indeno[1,2,3-cd]pyrene	<0.033		0.033	0.032	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Isophorone	<0.17		0.17	0.017	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Naphthalene	<0.033		0.033	0.0060	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Nitrobenzene	<0.033		0.033	0.011	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
N-Nitrosodi-n-propylamine	<0.067		0.067	0.019	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
N-Nitrosodiphenylamine	<0.17		0.17	0.066	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Pentachlorophenol	<0.67		0.67	0.37	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Phenanthrene	<0.033		0.033	0.0072	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Phenol	<0.17		0.17	0.014	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Pyrene	<0.033		0.033	0.0091	mg/Kg		06/25/25 14:04	06/27/25 11:53	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	83		31 - 166	06/25/25 14:04	06/27/25 11:53	1
Phenol-d5 (Surr)	80		30 - 153	06/25/25 14:04	06/27/25 11:53	1
Nitrobenzene-d5 (Surr)	80		37 - 147	06/25/25 14:04	06/27/25 11:53	1
2-Fluorobiphenyl (Surr)	86		43 - 145	06/25/25 14:04	06/27/25 11:53	1
2,4,6-Tribromophenol (Surr)	76		31 - 143	06/25/25 14:04	06/27/25 11:53	1
Terphenyl-d14 (Surr)	100		42 - 157	06/25/25 14:04	06/27/25 11:53	1

Lab Sample ID: LCS 500-823337/2-A

Matrix: Solid

Analysis Batch: 823422

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823337

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	3.33	2.38		mg/Kg		71	49 - 100
1,2-Dichlorobenzene	3.33	2.36		mg/Kg		71	47 - 94
1,3-Dichlorobenzene	3.33	2.27		mg/Kg		68	47 - 92
1,4-Dichlorobenzene	3.33	2.30		mg/Kg		69	46 - 92
2,2'-oxybis[1-chloropropane]	3.33	2.42		mg/Kg		73	43 - 111
2,4,5-Trichlorophenol	3.33	2.76		mg/Kg		83	48 - 121

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823337/2-A

Matrix: Solid

Analysis Batch: 823422

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823337

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,6-Trichlorophenol	3.33	2.85		mg/Kg		85	50 - 121
2,4-Dichlorophenol	3.33	2.56		mg/Kg		77	51 - 109
2,4-Dimethylphenol	3.33	2.63		mg/Kg		79	48 - 93
2,4-Dinitrophenol	6.67	6.83		mg/Kg		103	10 - 130
2,4-Dinitrotoluene	3.33	3.13		mg/Kg		94	65 - 120
2,6-Dinitrotoluene	3.33	2.90		mg/Kg		87	66 - 117
2-Chloronaphthalene	3.33	2.72		mg/Kg		82	60 - 107
2-Chlorophenol	3.33	2.44		mg/Kg		73	50 - 102
2-Methylnaphthalene	3.33	2.89		mg/Kg		87	58 - 103
2-Methylphenol	3.33	2.52		mg/Kg		76	50 - 104
2-Nitroaniline	3.33	3.09		mg/Kg		93	61 - 126
2-Nitrophenol	3.33	2.62		mg/Kg		79	41 - 114
3 & 4 Methylphenol	3.33	2.50		mg/Kg		75	49 - 109
3,3'-Dichlorobenzidine	3.33	2.51		mg/Kg		75	36 - 131
3-Nitroaniline	3.33	2.83		mg/Kg		85	44 - 124
4,6-Dinitro-2-methylphenol	6.67	6.55		mg/Kg		98	36 - 138
4-Bromophenyl phenyl ether	3.33	2.86		mg/Kg		86	57 - 124
4-Chloro-3-methylphenol	3.33	2.77		mg/Kg		83	57 - 113
4-Chloroaniline	3.33	2.38		mg/Kg		71	22 - 110
4-Chlorophenyl phenyl ether	3.33	2.79		mg/Kg		84	60 - 112
4-Nitroaniline	3.33	3.00		mg/Kg		90	60 - 115
4-Nitrophenol	6.67	4.72		mg/Kg		71	45 - 126
Acenaphthene	3.33	2.73		mg/Kg		82	63 - 109
Acenaphthylene	3.33	2.87		mg/Kg		86	61 - 115
Anthracene	3.33	3.10		mg/Kg		93	68 - 120
Benzo[a]anthracene	3.33	2.79		mg/Kg		84	70 - 121
Benzo[a]pyrene	3.33	3.01		mg/Kg		90	73 - 132
Benzo[b]fluoranthene	3.33	3.14		mg/Kg		94	68 - 123
Benzo[g,h,i]perylene	3.33	2.87		mg/Kg		86	65 - 126
Benzo[k]fluoranthene	3.33	2.90		mg/Kg		87	64 - 128
Bis(2-chloroethoxy)methane	3.33	2.54		mg/Kg		76	54 - 102
Bis(2-chloroethyl)ether	3.33	2.45		mg/Kg		74	49 - 99
Bis(2-ethylhexyl) phthalate	3.33	2.97		mg/Kg		89	70 - 139
Butyl benzyl phthalate	3.33	2.96		mg/Kg		89	65 - 140
Carbazole	3.33	3.14		mg/Kg		94	68 - 120
Chrysene	3.33	2.90		mg/Kg		87	70 - 123
Dibenz(a,h)anthracene	3.33	3.08		mg/Kg		92	66 - 125
Dibenzofuran	3.33	2.89		mg/Kg		87	64 - 112
Diethyl phthalate	3.33	3.00		mg/Kg		90	66 - 115
Dimethyl phthalate	3.33	2.90		mg/Kg		87	65 - 114
Di-n-butyl phthalate	3.33	3.16		mg/Kg		95	69 - 125
Di-n-octyl phthalate	3.33	3.16		mg/Kg		95	61 - 131
Fluoranthene	3.33	2.97		mg/Kg		89	66 - 123
Fluorene	3.33	2.84		mg/Kg		85	62 - 113
Hexachlorobenzene	3.33	2.95		mg/Kg		88	52 - 126
Hexachlorobutadiene	3.33	2.31		mg/Kg		69	42 - 103
Hexachlorocyclopentadiene	3.33	2.81		mg/Kg		84	10 - 100
Hexachloroethane	3.33	2.33		mg/Kg		70	45 - 95
Indeno[1,2,3-cd]pyrene	3.33	3.03		mg/Kg		91	66 - 131

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823337/2-A

Matrix: Solid

Analysis Batch: 823422

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823337

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Isophorone	3.33	2.60		mg/Kg		78	47 - 108
Naphthalene	3.33	2.41		mg/Kg		72	54 - 98
Nitrobenzene	3.33	2.42		mg/Kg		72	52 - 105
N-Nitrosodi-n-propylamine	3.33	2.62		mg/Kg		79	48 - 110
N-Nitrosodiphenylamine	3.33	3.05		mg/Kg		92	67 - 112
Pentachlorophenol	6.67	4.94		mg/Kg		74	32 - 128
Phenanthrene	3.33	2.99		mg/Kg		90	65 - 115
Phenol	3.33	2.49		mg/Kg		75	52 - 110
Pyrene	3.33	2.90		mg/Kg		87	71 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorophenol (Surr)	76		31 - 166
Phenol-d5 (Surr)	75		30 - 153
Nitrobenzene-d5 (Surr)	76		37 - 147
2-Fluorobiphenyl (Surr)	84		43 - 145
2,4,6-Tribromophenol (Surr)	83		31 - 143
Terphenyl-d14 (Surr)	91		42 - 157

Method: 6010D - Metals (ICP)

Lab Sample ID: LCS 500-822485/2-A

Matrix: Solid

Analysis Batch: 822772

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822485

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.100	0.0995		mg/L		99	80 - 120
Manganese	0.500	0.475		mg/L		95	80 - 120
Nickel	0.500	0.485		mg/L		97	80 - 120

Lab Sample ID: LCS 500-822509/2-A

Matrix: Solid

Analysis Batch: 822771

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822509

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.108		mg/L		108	80 - 120
Barium	0.500	0.499		mg/L		100	80 - 120
Beryllium	0.0500	0.0508		mg/L		102	80 - 120
Boron	1.00	0.959		mg/L		96	80 - 120
Cadmium	0.0500	0.0489		mg/L		98	80 - 120
Chromium	0.200	0.191		mg/L		95	80 - 120
Cobalt	0.500	0.520		mg/L		104	80 - 120
Copper	0.250	0.239		mg/L		96	80 - 120
Iron	1.00	1.05		mg/L		105	80 - 120
Lead	0.100	0.104		mg/L		104	80 - 120
Manganese	0.500	0.476		mg/L		95	80 - 120
Nickel	0.500	0.521		mg/L		104	80 - 120
Selenium	0.100	0.0986		mg/L		99	80 - 120
Silver	0.0500	0.0501		mg/L		100	80 - 120
Vanadium	0.500	0.481		mg/L		96	80 - 120

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-822509/2-A

Matrix: Solid

Analysis Batch: 822771

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822509

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	0.500	0.511		mg/L		102	80 - 120

Lab Sample ID: LCS 500-822645/2-A

Matrix: Solid

Analysis Batch: 823048

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822645

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.100	0.0982		mg/L		98	80 - 120

Lab Sample ID: LCS 500-822645/2-A

Matrix: Solid

Analysis Batch: 823997

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822645

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	0.500	0.465		mg/L		93	80 - 120
Nickel	0.500	0.518		mg/L		104	80 - 120

Lab Sample ID: LCS 500-822646/2-A

Matrix: Solid

Analysis Batch: 823443

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822646

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.110		mg/L		110	80 - 120
Barium	0.500	0.507		mg/L		101	80 - 120
Beryllium	0.0500	0.0481		mg/L		96	80 - 120
Cadmium	0.0500	0.0529		mg/L		106	80 - 120
Chromium	0.200	0.207		mg/L		103	80 - 120
Cobalt	0.500	0.530		mg/L		106	80 - 120
Copper	0.250	0.269		mg/L		108	80 - 120
Iron	1.00	0.980		mg/L		98	80 - 120
Lead	0.100	0.107		mg/L		107	80 - 120
Manganese	0.500	0.479		mg/L		96	80 - 120
Nickel	0.500	0.523		mg/L		105	80 - 120
Selenium	0.100	0.114		mg/L		114	80 - 120
Silver	0.0500	0.0573		mg/L		115	80 - 120
Vanadium	0.500	0.519		mg/L		104	80 - 120

Lab Sample ID: LCS 500-822646/2-A

Matrix: Solid

Analysis Batch: 823557

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822646

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.904		mg/L		90	80 - 120
Zinc	0.500	0.614	*+	mg/L		123	80 - 120

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-822696/1-A

Matrix: Solid

Analysis Batch: 823443

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 822696

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.0		2.0	0.39	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Arsenic	<1.0		1.0	0.34	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Barium	<1.0		1.0	0.11	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Beryllium	<0.40		0.40	0.093	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Boron	0.478	J	5.0	0.47	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Cadmium	<0.20		0.20	0.036	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Chromium	<1.0		1.0	0.50	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Copper	<1.0		1.0	0.28	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Iron	<20		20	10	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Magnesium	<10		10	5.0	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Nickel	<1.0		1.0	0.29	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Selenium	<1.0		1.0	0.59	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Silver	<0.50		0.50	0.13	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Thallium	<1.0		1.0	0.50	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Vanadium	<0.50		0.50	0.12	mg/Kg		06/20/25 16:12	06/26/25 02:20	1

Lab Sample ID: MB 500-822696/1-A

Matrix: Solid

Analysis Batch: 823757

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 822696

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	<0.50		0.50	0.13	mg/Kg		06/20/25 16:12	06/27/25 12:59	1
Lead	<0.50		0.50	0.23	mg/Kg		06/20/25 16:12	06/27/25 12:59	1
Manganese	<1.0		1.0	0.15	mg/Kg		06/20/25 16:12	06/27/25 12:59	1
Zinc	0.977	J	2.0	0.88	mg/Kg		06/20/25 16:12	06/27/25 12:59	1

Lab Sample ID: LCS 500-822696/2-A

Matrix: Solid

Analysis Batch: 823443

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822696

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	50.0	46.7		mg/Kg		93	80 - 120
Arsenic	10.0	9.43		mg/Kg		94	80 - 120
Barium	200	201		mg/Kg		100	80 - 120
Beryllium	5.00	4.48		mg/Kg		90	80 - 120
Boron	100	97.9		mg/Kg		98	80 - 120
Cadmium	5.00	5.02		mg/Kg		100	80 - 120
Chromium	20.0	20.6		mg/Kg		103	80 - 120
Copper	25.0	23.9		mg/Kg		96	80 - 120
Iron	100	111		mg/Kg		111	80 - 120
Magnesium	1000	1030		mg/Kg		103	80 - 120
Nickel	50.0	52.7		mg/Kg		105	80 - 120
Selenium	10.0	8.45		mg/Kg		85	80 - 120
Silver	5.00	4.68		mg/Kg		94	80 - 120
Thallium	10.0	10.6		mg/Kg		106	80 - 120
Vanadium	50.0	51.1		mg/Kg		102	80 - 120

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-822696/2-A

Matrix: Solid

Analysis Batch: 823757

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822696

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cobalt	50.0	48.5		mg/Kg		97	80 - 120
Lead	10.0	9.97		mg/Kg		100	80 - 120
Manganese	50.0	48.5		mg/Kg		97	80 - 120
Zinc	50.0	48.5		mg/Kg		97	80 - 120

Lab Sample ID: MB 500-822697/1-A

Matrix: Solid

Analysis Batch: 823785

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 822697

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.0		2.0	0.39	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Arsenic	<1.0		1.0	0.34	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Barium	<1.0		1.0	0.11	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Beryllium	<0.40		0.40	0.093	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Boron	<5.0		5.0	0.47	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Cadmium	<0.20		0.20	0.036	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Chromium	<1.0		1.0	0.50	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Cobalt	<0.50		0.50	0.13	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Copper	<1.0		1.0	0.28	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Iron	<20		20	10	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Lead	<0.50		0.50	0.23	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Magnesium	<10		10	5.0	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Manganese	<1.0		1.0	0.15	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Nickel	<1.0		1.0	0.29	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Thallium	<1.0		1.0	0.50	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Vanadium	<0.50		0.50	0.12	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Zinc	0.953	J	2.0	0.88	mg/Kg		06/20/25 16:13	06/27/25 21:43	1

Lab Sample ID: MB 500-822697/1-A

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 822697

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	<1.0		1.0	0.59	mg/Kg		06/20/25 16:13	06/30/25 11:43	1
Silver	<0.50		0.50	0.13	mg/Kg		06/20/25 16:13	06/30/25 11:43	1

Lab Sample ID: LCS 500-822697/2-A

Matrix: Solid

Analysis Batch: 823785

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	50.0	48.2		mg/Kg		96	80 - 120
Arsenic	10.0	9.97		mg/Kg		100	80 - 120
Barium	200	205		mg/Kg		102	80 - 120
Beryllium	5.00	5.14		mg/Kg		103	80 - 120
Boron	100	103		mg/Kg		103	80 - 120
Cadmium	5.00	4.95		mg/Kg		99	80 - 120
Chromium	20.0	20.6		mg/Kg		103	80 - 120
Cobalt	50.0	50.2		mg/Kg		100	80 - 120

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-822697/2-A

Matrix: Solid

Analysis Batch: 823785

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Copper	25.0	26.1		mg/Kg		104	80 - 120
Iron	100	102		mg/Kg		102	80 - 120
Lead	10.0	9.96		mg/Kg		100	80 - 120
Magnesium	1000	1010		mg/Kg		101	80 - 120
Manganese	50.0	48.8		mg/Kg		98	80 - 120
Nickel	50.0	51.4		mg/Kg		103	80 - 120
Thallium	10.0	10.4		mg/Kg		104	80 - 120
Vanadium	50.0	50.1		mg/Kg		100	80 - 120
Zinc	50.0	54.2		mg/Kg		108	80 - 120

Lab Sample ID: LCS 500-822697/2-A

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	10.0	9.37		mg/Kg		94	80 - 120
Silver	5.00	4.49		mg/Kg		90	80 - 120

Lab Sample ID: 500-270096-16 MS

Matrix: Solid

Analysis Batch: 823785

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<1.2	F1	29.1	6.76	F1	mg/Kg	✱	23	75 - 125
Arsenic	7.2	F1 F2	5.81	11.0	F1	mg/Kg	✱	66	75 - 125
Barium	49	F2	116	138		mg/Kg	✱	77	75 - 125
Beryllium	0.79		2.91	3.23		mg/Kg	✱	84	75 - 125
Boron	21		58.1	72.3		mg/Kg	✱	88	75 - 125
Cadmium	0.13		2.91	2.44		mg/Kg	✱	80	75 - 125
Chromium	23		11.6	33.5		mg/Kg	✱	95	75 - 125
Cobalt	12	F1 F2	29.1	37.6		mg/Kg	✱	90	75 - 125
Copper	21		14.5	31.8		mg/Kg	✱	76	75 - 125
Iron	20000		58.1	19300	4	mg/Kg	✱	-2000	75 - 125
Magnesium	26000		581	24600	4	mg/Kg	✱	-249	75 - 125
Manganese	290	F2	29.1	286	4	mg/Kg	✱	-32	75 - 125
Nickel	32	F1 F2	29.1	57.0		mg/Kg	✱	85	75 - 125
Thallium	0.46	J	5.81	5.78		mg/Kg	✱	91	75 - 125
Vanadium	29		29.1	56.5		mg/Kg	✱	95	75 - 125
Zinc	70	B	29.1	94.5		mg/Kg	✱	83	75 - 125

Lab Sample ID: 500-270096-16 MS

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	<0.59		5.81	4.37		mg/Kg	✱	75	75 - 125
Silver	<0.29	L F1	2.91	1.36	F1	mg/Kg	✱	47	75 - 125

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: 500-270096-16 MS

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	14		5.81	19.1		mg/Kg	✱	82	75 - 125

Lab Sample ID: 500-270096-16 MSD

Matrix: Solid

Analysis Batch: 823785

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<1.2	F1	29.5	6.64	F1	mg/Kg	✱	22	75 - 125	2	20
Arsenic	7.2	F1 F2	5.90	15.2	F1 F2	mg/Kg	✱	135	75 - 125	32	20
Barium	49	F2	118	173	F2	mg/Kg	✱	105	75 - 125	22	20
Beryllium	0.79		2.95	3.31		mg/Kg	✱	85	75 - 125	2	20
Boron	21		59.0	71.4		mg/Kg	✱	85	75 - 125	1	20
Cadmium	0.13		2.95	2.51		mg/Kg	✱	81	75 - 125	2	20
Chromium	23		11.8	34.0		mg/Kg	✱	97	75 - 125	1	20
Cobalt	12	F1 F2	29.5	52.4	F1 F2	mg/Kg	✱	138	75 - 125	33	20
Copper	21		14.8	34.8		mg/Kg	✱	96	75 - 125	9	20
Iron	20000		59.0	23500	4	mg/Kg	✱	5146	75 - 125	20	20
Magnesium	26000		590	24900	4	mg/Kg	✱	-196	75 - 125	1	20
Manganese	290	F2	29.5	553	4 F2	mg/Kg	✱	875	75 - 125	64	20
Nickel	32	F1 F2	29.5	80.7	F1 F2	mg/Kg	✱	164	75 - 125	35	20
Thallium	0.46	J	5.90	6.20		mg/Kg	✱	97	75 - 125	7	20
Vanadium	29		29.5	58.9		mg/Kg	✱	101	75 - 125	4	20
Zinc	70	B	29.5	104		mg/Kg	✱	113	75 - 125	9	20

Lab Sample ID: 500-270096-16 MSD

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Selenium	<0.59		5.90	4.56		mg/Kg	✱	77	75 - 125	4	20
Silver	<0.29	L F1	2.95	1.13	F1	mg/Kg	✱	38	75 - 125	18	20

Lab Sample ID: 500-270096-16 MSD

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	14		5.90	21.4		mg/Kg	✱	120	75 - 125	11	20

Lab Sample ID: 500-270096-16 DU

Matrix: Solid

Analysis Batch: 823785

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<1.2	F1	<1.1		mg/Kg	✱	NC	20
Arsenic	7.2	F1 F2	7.21		mg/Kg	✱	0.3	20
Barium	49	F2	47.4		mg/Kg	✱	2	20
Beryllium	0.79		0.756		mg/Kg	✱	5	20
Boron	21		18.6		mg/Kg	✱	12	20

Eurofins Chicago

QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: 500-270096-16 DU

Matrix: Solid

Analysis Batch: 823785

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Cadmium	0.13		0.122		mg/Kg	✱	5	20
Chromium	23		21.7		mg/Kg	✱	4	20
Cobalt	12	F1 F2	17.4	F3	mg/Kg	✱	40	20
Copper	21		21.5		mg/Kg	✱	4	20
Iron	20000		19900		mg/Kg	✱	3	20
Magnesium	26000		22100		mg/Kg	✱	16	20
Manganese	290	F2	366	F3	mg/Kg	✱	22	20
Nickel	32	F1 F2	36.9		mg/Kg	✱	13	20
Thallium	0.46	J	0.550	J	mg/Kg	✱	18	20
Vanadium	29		27.3		mg/Kg	✱	6	20
Zinc	70	B	68.8		mg/Kg	✱	2	20

Lab Sample ID: 500-270096-16 DU

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Selenium	<0.59		<0.56		mg/Kg	✱	NC	20
Silver	<0.29	L F1	<0.28	L	mg/Kg	✱	NC	20

Lab Sample ID: 500-270096-16 DU

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Lead	14		14.7		mg/Kg	✱	2	20

Lab Sample ID: MB 500-822848/1-A

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 822848

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	<1.0		1.0	0.59	mg/Kg		06/23/25 08:59	06/30/25 19:27	1
Silver	0.155	J	0.50	0.13	mg/Kg		06/23/25 08:59	06/30/25 19:27	1

Lab Sample ID: LCS 500-822848/2-A

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822848

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	10.0	9.31		mg/Kg		93	80 - 120
Silver	5.00	4.23		mg/Kg		85	80 - 120

Lab Sample ID: LB 500-822250/1-B

Matrix: Solid

Analysis Batch: 822771

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 822509

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00721	J	0.010	0.0037	mg/L		06/19/25 15:35	06/20/25 16:15	1
Barium	0.00284	J	0.010	0.0012	mg/L		06/19/25 15:35	06/20/25 16:15	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LB 500-822250/1-B

Matrix: Solid

Analysis Batch: 822771

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 822509

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.0040		0.0040	0.00089	mg/L		06/19/25 15:35	06/20/25 16:15	1
Boron	<0.50		0.50	0.0056	mg/L		06/19/25 15:35	06/20/25 16:15	1
Cadmium	<0.0050		0.0050	0.00043	mg/L		06/19/25 15:35	06/20/25 16:15	1
Chromium	0.00235	J	0.010	0.0017	mg/L		06/19/25 15:35	06/20/25 16:15	1
Cobalt	<0.0050		0.0050	0.00078	mg/L		06/19/25 15:35	06/20/25 16:15	1
Copper	<0.010		0.010	0.0018	mg/L		06/19/25 15:35	06/20/25 16:15	1
Iron	0.0957	J	0.40	0.082	mg/L		06/19/25 15:35	06/20/25 16:15	1
Lead	<0.0075		0.0075	0.0027	mg/L		06/19/25 15:35	06/20/25 16:15	1
Manganese	<0.010		0.010	0.0023	mg/L		06/19/25 15:35	06/20/25 16:15	1
Nickel	<0.010		0.010	0.0048	mg/L		06/19/25 15:35	06/20/25 16:15	1
Selenium	0.00570	J	0.050	0.0053	mg/L		06/19/25 15:35	06/20/25 16:15	1
Silver	<0.0050		0.0050	0.0015	mg/L		06/19/25 15:35	06/20/25 16:15	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		06/19/25 15:35	06/20/25 16:15	1
Zinc	<0.50		0.50	0.0050	mg/L		06/19/25 15:35	06/20/25 16:15	1

Lab Sample ID: LB 500-822394/1-B

Matrix: Solid

Analysis Batch: 823443

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 822646

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.010	0.0037	mg/L		06/20/25 13:17	06/26/25 00:09	1
Barium	0.00300	J	0.010	0.0012	mg/L		06/20/25 13:17	06/26/25 00:09	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		06/20/25 13:17	06/26/25 00:09	1
Cadmium	<0.0050		0.0050	0.00043	mg/L		06/20/25 13:17	06/26/25 00:09	1
Chromium	0.00189	J	0.010	0.0017	mg/L		06/20/25 13:17	06/26/25 00:09	1
Cobalt	<0.0050		0.0050	0.00078	mg/L		06/20/25 13:17	06/26/25 00:09	1
Copper	<0.010		0.010	0.0018	mg/L		06/20/25 13:17	06/26/25 00:09	1
Iron	<0.40		0.40	0.082	mg/L		06/20/25 13:17	06/26/25 00:09	1
Lead	<0.0075		0.0075	0.0027	mg/L		06/20/25 13:17	06/26/25 00:09	1
Manganese	<0.010		0.010	0.0023	mg/L		06/20/25 13:17	06/26/25 00:09	1
Nickel	<0.010		0.010	0.0048	mg/L		06/20/25 13:17	06/26/25 00:09	1
Selenium	0.00623	J	0.050	0.0053	mg/L		06/20/25 13:17	06/26/25 00:09	1
Silver	<0.0050		0.0050	0.0015	mg/L		06/20/25 13:17	06/26/25 00:09	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		06/20/25 13:17	06/26/25 00:09	1

Lab Sample ID: LB 500-822394/1-B

Matrix: Solid

Analysis Batch: 823557

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 822646

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.50		0.50	0.0056	mg/L		06/20/25 13:17	06/26/25 14:24	1
Zinc	<0.50		0.50	0.0050	mg/L		06/20/25 13:17	06/26/25 14:24	1

Lab Sample ID: LB 500-822251/1-B

Matrix: Solid

Analysis Batch: 822772

Client Sample ID: Method Blank

Prep Type: SPLP East

Prep Batch: 822485

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.0075		0.0075	0.0027	mg/L		06/19/25 13:59	06/20/25 15:29	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LB 500-822251/1-B

Matrix: Solid

Analysis Batch: 822772

Client Sample ID: Method Blank

Prep Type: SPLP East

Prep Batch: 822485

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	<0.010		0.010	0.0023	mg/L		06/19/25 13:59	06/20/25 15:29	1
Nickel	<0.010		0.010	0.0048	mg/L		06/19/25 13:59	06/20/25 15:29	1

Lab Sample ID: LB 500-822412/1-B

Matrix: Solid

Analysis Batch: 823048

Client Sample ID: Method Blank

Prep Type: SPLP East

Prep Batch: 822645

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.0075		0.0075	0.0027	mg/L		06/20/25 13:15	06/24/25 00:58	1

Lab Sample ID: LB 500-822412/1-B

Matrix: Solid

Analysis Batch: 823997

Client Sample ID: Method Blank

Prep Type: SPLP East

Prep Batch: 822645

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	<0.010		0.010	0.0023	mg/L		06/20/25 13:15	07/01/25 02:52	1
Nickel	<0.010		0.010	0.0048	mg/L		06/20/25 13:15	07/01/25 02:52	1

Lab Sample ID: 500-270096-15 MS

Matrix: Solid

Analysis Batch: 823048

Client Sample ID: 3641V-08-B01 (0-2)

Prep Type: SPLP East

Prep Batch: 822645

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.070		0.100	0.175		mg/L		105	75 - 125

Lab Sample ID: 500-270096-15 MS

Matrix: Solid

Analysis Batch: 823997

Client Sample ID: 3641V-08-B01 (0-2)

Prep Type: SPLP East

Prep Batch: 822645

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	0.53		0.500	1.01		mg/L		96	75 - 125
Nickel	0.23		0.500	0.763		mg/L		107	75 - 125

Lab Sample ID: 500-270096-15 DU

Matrix: Solid

Analysis Batch: 823048

Client Sample ID: 3641V-08-B01 (0-2)

Prep Type: SPLP East

Prep Batch: 822645

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Lead	0.070		0.0762		mg/L		9	20

Lab Sample ID: 500-270096-15 DU

Matrix: Solid

Analysis Batch: 823997

Client Sample ID: 3641V-08-B01 (0-2)

Prep Type: SPLP East

Prep Batch: 822645

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Manganese	0.53		0.618		mg/L		16	20
Nickel	0.23		0.255		mg/L		11	20

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: LCS 500-822509/2-A

Matrix: Solid

Analysis Batch: 823349

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822509

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.566		mg/L		113	80 - 120
Thallium	0.100	0.107		mg/L		107	80 - 120

Lab Sample ID: LCS 500-822646/2-A

Matrix: Solid

Analysis Batch: 823349

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822646

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.577		mg/L		115	80 - 120
Thallium	0.100	0.108		mg/L		108	80 - 120

Lab Sample ID: LB 500-822250/1-B

Matrix: Solid

Analysis Batch: 823349

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 822509

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0060	mg/L		06/19/25 15:35	06/25/25 12:12	1
Thallium	<0.0020		0.0020	0.0020	mg/L		06/19/25 15:35	06/25/25 12:12	1

Lab Sample ID: LB 500-822394/1-B

Matrix: Solid

Analysis Batch: 823349

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 822646

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0060	mg/L		06/20/25 13:17	06/25/25 13:50	1
Thallium	<0.0020		0.0020	0.0020	mg/L		06/20/25 13:17	06/25/25 13:50	1

Method: 7470A - Mercury

Lab Sample ID: MB 500-822891/12-A

Matrix: Solid

Analysis Batch: 823110

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 822891

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/23/25 11:05	06/24/25 10:29	1

Lab Sample ID: LCS 500-822891/14-A

Matrix: Solid

Analysis Batch: 823110

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822891

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00227		mg/L		114	80 - 120

Lab Sample ID: MB 500-823094/12-A

Matrix: Solid

Analysis Batch: 823301

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 823094

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/24/25 11:05	06/25/25 11:25	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Method: 7470A - Mercury (Continued)

Lab Sample ID: LCS 500-823094/14-A
Matrix: Solid
Analysis Batch: 823301

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 823094

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00201		mg/L		101	80 - 120

Lab Sample ID: MB 500-823485/12-A
Matrix: Solid
Analysis Batch: 823684

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 823485

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/26/25 11:10	06/27/25 09:19	1

Lab Sample ID: LCS 500-823485/14-A
Matrix: Solid
Analysis Batch: 823684

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 823485

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00182		mg/L		91	80 - 120

Lab Sample ID: LB 500-822250/1-C
Matrix: Solid
Analysis Batch: 823110

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 822891

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000296		0.00020	0.00020	mg/L		06/23/25 11:05	06/24/25 10:31	1

Lab Sample ID: LB 500-822394/1-C
Matrix: Solid
Analysis Batch: 823301

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 823094

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000214		0.00020	0.00020	mg/L		06/24/25 11:05	06/25/25 12:08	1

Lab Sample ID: LB 500-822250/1-D
Matrix: Solid
Analysis Batch: 823684

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 823485

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000227		0.00020	0.00020	mg/L		06/26/25 11:10	06/27/25 09:50	1

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 500-823672/12-A
Matrix: Solid
Analysis Batch: 823885

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 823672

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.017		0.017	0.0069	mg/Kg		06/27/25 14:00	06/30/25 08:21	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823672/13-A

Matrix: Solid

Analysis Batch: 823885

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823672

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.167	0.153		mg/Kg		92	80 - 120

Lab Sample ID: 500-270096-9 MS

Matrix: Solid

Analysis Batch: 823885

Client Sample ID: 3641V-05-B02 (5-10)

Prep Type: Total/NA

Prep Batch: 823672

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.021		0.0872	0.120		mg/Kg	✱	114	75 - 125

Lab Sample ID: 500-270096-9 MSD

Matrix: Solid

Analysis Batch: 823885

Client Sample ID: 3641V-05-B02 (5-10)

Prep Type: Total/NA

Prep Batch: 823672

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.021		0.0887	0.118		mg/Kg	✱	110	75 - 125	2	20

Lab Sample ID: 500-270096-9 DU

Matrix: Solid

Analysis Batch: 823885

Client Sample ID: 3641V-05-B02 (5-10)

Prep Type: Total/NA

Prep Batch: 823672

Analyte	Sample Result	Sample Qualifier	Spike Added	DU Result	DU Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.021			0.0155	J F5	mg/Kg	✱			28	20

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

Lab Sample ID: MB 500-822449/1-A

Matrix: Solid

Analysis Batch: 822763

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 822449

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.24		0.24	0.12	mg/Kg		06/19/25 13:17	06/19/25 16:39	1

Lab Sample ID: LCS 500-822449/2-A

Matrix: Solid

Analysis Batch: 822763

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822449

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	2.40	2.30		mg/Kg		96	85 - 115

Lab Sample ID: 500-270096-1 MS

Matrix: Solid

Analysis Batch: 822763

Client Sample ID: 3641V-01-B02 (0-7)

Prep Type: Total/NA

Prep Batch: 822449

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	<0.25		2.50	2.45		mg/Kg	✱	98	75 - 125

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: 500-270096-1 MSD

Matrix: Solid

Analysis Batch: 822763

Client Sample ID: 3641V-01-B02 (0-7)

Prep Type: Total/NA

Prep Batch: 822449

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	<0.25		2.57	2.52		mg/Kg	✱	98	75 - 125	3	20

Lab Sample ID: 500-270096-15 MS

Matrix: Solid

Analysis Batch: 822763

Client Sample ID: 3641V-08-B01 (0-2)

Prep Type: Total/NA

Prep Batch: 822449

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	<0.26	F1 F2	2.68	1.28	F1	mg/Kg	✱	48	75 - 125		

Lab Sample ID: 500-270096-15 MSD

Matrix: Solid

Analysis Batch: 822763

Client Sample ID: 3641V-08-B01 (0-2)

Prep Type: Total/NA

Prep Batch: 822449

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	<0.26	F1 F2	2.59	0.337	F1 F2	mg/Kg	✱	13	75 - 125	117	20

Method: 9045D - pH

Lab Sample ID: 500-270096-14 DU

Matrix: Solid

Analysis Batch: 822679

Client Sample ID: 3641V-10-B01 (0-2)

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	8.3		8.0		SU		3	5

Lab Sample ID: 500-270096-14 DU

Matrix: Solid

Analysis Batch: 822833

Client Sample ID: 3641V-10-B01 (0-2)

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	8.3		8.0		SU		3	5

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-01-B02 (0-7)

Lab Sample ID: 500-270096-1

Date Collected: 06/16/25 10:45

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:22
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		5	823048	S1Z	EET CHI	06/23/25 23:29
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:10
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 12:45
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 10:53
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:25
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-01-B02 (0-7)

Lab Sample ID: 500-270096-1

Date Collected: 06/16/25 10:45

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 14:36
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 19:10
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/27/25 22:36
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 17:31
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 17:35
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:24
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:41

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-01-B02 (7-13)

Lab Sample ID: 500-270096-2

Date Collected: 06/16/25 10:50

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:26
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		5	823048	S1Z	EET CHI	06/23/25 23:33
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:23
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 12:49
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 10:55
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:27
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-01-B02 (7-13)

Lab Sample ID: 500-270096-2

Date Collected: 06/16/25 10:50

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 15:02
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 12:36
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/28/25 01:36
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 21:15
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 21:20
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:26
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:43

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-01-B01 (0-3)

Lab Sample ID: 500-270096-3

Date Collected: 06/16/25 11:05

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:31
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:28
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 12:53
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 10:57
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:30
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-01-B01 (0-3)

Lab Sample ID: 500-270096-3

Date Collected: 06/16/25 11:05

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 86.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823845	PMF	EET CHI	06/30/25 12:15
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 17:32
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/28/25 01:40
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 21:24
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 21:28
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:28
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:44

Client Sample ID: 3641V-05-B01 (0-5)

Lab Sample ID: 500-270096-4

Date Collected: 06/16/25 11:10

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:35

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B01 (0-5)

Lab Sample ID: 500-270096-4

Date Collected: 06/16/25 11:10

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		5	823048	S1Z	EET CHI	06/23/25 23:38
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:32
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 12:57
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 10:59
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:34
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B01 (0-5)

Lab Sample ID: 500-270096-4

Date Collected: 06/16/25 11:10

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 15:52
Total/NA	Prep	3546			823337	LH	EET CHI	06/25/25 14:04
Total/NA	Analysis	8270E		1	823422	GLR	EET CHI	06/26/25 12:50
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/28/25 01:45
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 21:33
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 21:37
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:30
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:45

Client Sample ID: 3641V-05-B01 (5-10)

Lab Sample ID: 500-270096-5

Date Collected: 06/16/25 11:15

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:39

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Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B01 (5-10)

Lab Sample ID: 500-270096-5

Date Collected: 06/16/25 11:15

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		5	823048	S1Z	EET CHI	06/23/25 23:42
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:37
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:01
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:01
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:37
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B01 (5-10)

Lab Sample ID: 500-270096-5

Date Collected: 06/16/25 11:15

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 16:17
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 13:01
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/28/25 01:49
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 21:42
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 21:46
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:31
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:46

Client Sample ID: 3641V-05-B01 (10-15)

Lab Sample ID: 500-270096-6

Date Collected: 06/16/25 11:20

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:44

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B01 (10-15)

Lab Sample ID: 500-270096-6

Date Collected: 06/16/25 11:20

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:42
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:05
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:03
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:39
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B01 (10-15)

Lab Sample ID: 500-270096-6

Date Collected: 06/16/25 11:20

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 16:43
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 19:59
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/28/25 01:54
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 21:59
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		10	823996	S1Z	EET CHI	06/30/25 22:03
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:33
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:46

Client Sample ID: 3641V-05-B02 (0-5)

Lab Sample ID: 500-270096-7

Date Collected: 06/16/25 11:35

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:48
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		5	823048	S1Z	EET CHI	06/23/25 23:47

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B02 (0-5)

Lab Sample ID: 500-270096-7

Date Collected: 06/16/25 11:35

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:46
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:09
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:04
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:42
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B02 (0-5)

Lab Sample ID: 500-270096-7

Date Collected: 06/16/25 11:35

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 17:08
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 13:25
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/28/25 01:58
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 22:08
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		5	824132	SJ	EET CHI	07/01/25 12:21
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:35
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:49

Client Sample ID: 3641V-05-B02 (0-5)D

Lab Sample ID: 500-270096-8

Date Collected: 06/16/25 11:40

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:52
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:51

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B02 (0-5)D

Lab Sample ID: 500-270096-8

Date Collected: 06/16/25 11:40

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:14
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:06
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:47
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B02 (0-5)D

Lab Sample ID: 500-270096-8

Date Collected: 06/16/25 11:40

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 17:33
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 14:14
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/28/25 02:03
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 22:12
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		5	824132	SJ	EET CHI	07/01/25 12:25
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:43
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:50

Client Sample ID: 3641V-05-B02 (5-10)

Lab Sample ID: 500-270096-9

Date Collected: 06/16/25 11:45

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:56
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:55
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:26

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Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B02 (5-10)

Lab Sample ID: 500-270096-9

Date Collected: 06/16/25 11:45

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:08
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:44
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B02 (5-10)

Lab Sample ID: 500-270096-9

Date Collected: 06/16/25 11:45

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823604	MM	EET CHI	06/27/25 14:27
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 17:56
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823757	S1Z	EET CHI	06/27/25 14:35
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823757	S1Z	EET CHI	06/27/25 15:54
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823767	S1Z	EET CHI	06/27/25 15:54
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823443	S1Z	EET CHI	06/26/25 04:02
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:45
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:51

Client Sample ID: 3641V-05-B03 (0-5)

Lab Sample ID: 500-270096-10

Date Collected: 06/16/25 11:55

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 17:01
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 18:00
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:30
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:10

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B03 (0-5)

Lab Sample ID: 500-270096-10

Date Collected: 06/16/25 11:55

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:49
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B03 (0-5)

Lab Sample ID: 500-270096-10

Date Collected: 06/16/25 11:55

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 83.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 12:03
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 18:21
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823757	S1Z	EET CHI	06/27/25 14:48
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823757	S1Z	EET CHI	06/27/25 15:58
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823767	S1Z	EET CHI	06/27/25 15:58
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823443	S1Z	EET CHI	06/26/25 04:06
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:52
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:51

Client Sample ID: 3641V-05-B03 (5-10)

Lab Sample ID: 500-270096-11

Date Collected: 06/16/25 12:00

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 17:14
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 18:05
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:34
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:16
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:52
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B03 (5-10)

Lab Sample ID: 500-270096-11

Date Collected: 06/16/25 12:00

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 12:28
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 18:46
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823757	S1Z	EET CHI	06/27/25 14:52
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823757	S1Z	EET CHI	06/27/25 16:02
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823767	S1Z	EET CHI	06/27/25 16:02
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823443	S1Z	EET CHI	06/26/25 04:10
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:54
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:53

Client Sample ID: 3641V-05-B04 (0-2)

Lab Sample ID: 500-270096-12

Date Collected: 06/16/25 12:05

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 17:18
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 18:18
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:38
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			823485	MJG	EET CHI	06/26/25 11:10 - 06/26/25 13:10 ¹
TCLP	Analysis	7470A		1	823684	MJG	EET CHI	06/27/25 09:55
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:54
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B04 (0-2)

Lab Sample ID: 500-270096-12

Date Collected: 06/16/25 12:05

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 12:54

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B04 (0-2)

Lab Sample ID: 500-270096-12

Date Collected: 06/16/25 12:05

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 15:53
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823757	S1Z	EET CHI	06/27/25 14:57
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823767	S1Z	EET CHI	06/27/25 16:07
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823443	S1Z	EET CHI	06/26/25 04:15
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:56
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:53

Client Sample ID: 3641V-09-B01 (0-2)

Lab Sample ID: 500-270096-13

Date Collected: 06/16/25 12:10

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 17:23
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 18:23
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:42
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:20
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:57
Total/NA	Analysis	Moisture		1	822310	RB	EET CHI	06/18/25 15:36

Client Sample ID: 3641V-09-B01 (0-2)

Lab Sample ID: 500-270096-13

Date Collected: 06/16/25 12:10

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 13:19
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 16:18
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823757	S1Z	EET CHI	06/27/25 15:01

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-09-B01 (0-2)

Lab Sample ID: 500-270096-13

Date Collected: 06/16/25 12:10

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823767	S1Z	EET CHI	06/27/25 16:11
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823443	S1Z	EET CHI	06/26/25 04:19
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:57
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:53

Client Sample ID: 3641V-10-B01 (0-2)

Lab Sample ID: 500-270096-14

Date Collected: 06/16/25 12:15

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 17:27
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 18:27
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:46
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:21
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 14:01
Total/NA	Analysis	Moisture		1	822310	RB	EET CHI	06/18/25 15:36

Client Sample ID: 3641V-10-B01 (0-2)

Lab Sample ID: 500-270096-14

Date Collected: 06/16/25 12:15

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 13:45
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 14:39
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823757	S1Z	EET CHI	06/27/25 15:06
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	824227	S1Z	EET CHI	07/01/25 18:19
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823443	S1Z	EET CHI	06/26/25 04:33

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-10-B01 (0-2)

Lab Sample ID: 500-270096-14

Date Collected: 06/16/25 12:15

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:59
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:55

Client Sample ID: 3641V-08-B01 (0-2)

Lab Sample ID: 500-270096-15

Date Collected: 06/16/25 12:20

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822412	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
SPLP East	Prep	3010A			822645	MS	EET CHI	06/20/25 13:15 - 06/20/25 19:15 ¹
SPLP East	Analysis	6010D		1	823997	SJ	EET CHI	07/01/25 03:00
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823443	S1Z	EET CHI	06/25/25 16:19
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823557	S1Z	EET CHI	06/26/25 14:33
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 14:07
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	7470A			823094	MJG	EET CHI	06/24/25 11:05 - 06/24/25 13:05 ¹
TCLP	Analysis	7470A		1	823301	MJG	EET CHI	06/25/25 12:10
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 14:06
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-08-B01 (0-2)

Lab Sample ID: 500-270096-15

Date Collected: 06/16/25 12:20

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823604	MM	EET CHI	06/27/25 14:55
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 19:35
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823757	S1Z	EET CHI	06/27/25 15:10
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823757	S1Z	EET CHI	06/27/25 16:15
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823767	S1Z	EET CHI	06/27/25 16:15
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823443	S1Z	EET CHI	06/26/25 04:37

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-08-B01 (0-2)

Lab Sample ID: 500-270096-15

Date Collected: 06/16/25 12:20

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 09:06
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:55

Client Sample ID: 3641V-06-B02 (0-2)

Lab Sample ID: 500-270096-16

Date Collected: 06/16/25 12:25

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822412	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
SPLP East	Prep	3010A			822645	MS	EET CHI	06/20/25 13:15 - 06/20/25 19:15 ¹
SPLP East	Analysis	6010D		1	823997	SJ	EET CHI	07/01/25 03:18
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823443	S1Z	EET CHI	06/25/25 16:24
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823557	S1Z	EET CHI	06/26/25 14:52
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 14:11
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	7470A			823094	MJG	EET CHI	06/24/25 11:05 - 06/24/25 13:05 ¹
TCLP	Analysis	7470A		1	823301	MJG	EET CHI	06/25/25 12:12
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 14:09
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-06-B02 (0-2)

Lab Sample ID: 500-270096-16

Date Collected: 06/16/25 12:25

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 83.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823459	MM	EET CHI	06/26/25 18:44
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 16:42
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/27/25 21:52
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 16:04
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 16:08
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 09:08

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-06-B02 (0-2)

Lab Sample ID: 500-270096-16

Date Collected: 06/16/25 12:25

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 83.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 17:00

Client Sample ID: 3641V-06-B01 (0-2)

Lab Sample ID: 500-270096-17

Date Collected: 06/16/25 12:30

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822412	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
SPLP East	Prep	3010A			822645	MS	EET CHI	06/20/25 13:15 - 06/20/25 19:15 ¹
SPLP East	Analysis	6010D		1	823997	SJ	EET CHI	07/01/25 03:22
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823443	S1Z	EET CHI	06/25/25 16:28
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823557	S1Z	EET CHI	06/26/25 14:56
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 14:15
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	7470A			823094	MJG	EET CHI	06/24/25 11:05 - 06/24/25 13:05 ¹
TCLP	Analysis	7470A		1	823301	MJG	EET CHI	06/25/25 12:27
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 14:11
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-06-B01 (0-2)

Lab Sample ID: 500-270096-17

Date Collected: 06/16/25 12:30

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 88.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823459	MM	EET CHI	06/26/25 19:11
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 17:07
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/27/25 22:23
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 16:56
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 17:01
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 09:09
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 17:00

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-04-B02 (0-2)

Lab Sample ID: 500-270096-18

Date Collected: 06/16/25 12:35

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822412	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
SPLP East	Prep	3010A			822645	MS	EET CHI	06/20/25 13:15 - 06/20/25 19:15 ¹
SPLP East	Analysis	6010D		1	823997	SJ	EET CHI	07/01/25 03:26
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823443	S1Z	EET CHI	06/25/25 16:42
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823557	S1Z	EET CHI	06/26/25 15:01
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 14:19
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	7470A			823094	MJG	EET CHI	06/24/25 11:05 - 06/24/25 13:05 ¹
TCLP	Analysis	7470A		1	823301	MJG	EET CHI	06/25/25 12:29
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 14:14
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-04-B02 (0-2)

Lab Sample ID: 500-270096-18

Date Collected: 06/16/25 12:35

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823459	MM	EET CHI	06/26/25 19:38
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 15:04
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/27/25 22:27
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 17:05
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 17:09
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 09:11
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 17:01

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-04-B01 (0-2)

Lab Sample ID: 500-270096-19

Date Collected: 06/16/25 12:40

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822412	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
SPLP East	Prep	3010A			822645	MS	EET CHI	06/20/25 13:15 - 06/20/25 19:15 ¹
SPLP East	Analysis	6010D		1	823997	SJ	EET CHI	07/01/25 03:31
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823443	S1Z	EET CHI	06/25/25 16:46
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823557	S1Z	EET CHI	06/26/25 15:06
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 14:23
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	7470A			823094	MJG	EET CHI	06/24/25 11:05 - 06/24/25 13:05 ¹
TCLP	Analysis	7470A		1	823301	MJG	EET CHI	06/25/25 12:31
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 14:16
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-04-B01 (0-2)

Lab Sample ID: 500-270096-19

Date Collected: 06/16/25 12:40

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 89.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823459	MM	EET CHI	06/26/25 20:07
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 15:28
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/27/25 22:32
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 17:14
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 17:18
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 09:13
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 17:02

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-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Address _____

_____Regulatory Program. ☐ DW ☐ NPDES ☐ RCRA ☐ Other

Client Contact		Project Manager <u>J. Hughes</u>		Site Contact <u>T. Trujillo</u>		Date <u>6-16-25</u>		COC No <u>1</u> of <u>2</u> COCs		
Company Name <u>WSP</u>		Tel/Email		Lab Contact		Carrier		Sampler		
Address <u>30 N LaSalle St</u>		Analysis Turnaround Time ☒ CALENDAR DAYS ☐ WORKING DAYS TAT if different from Below _____ ☒ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Filtered Sample (Y/N) Perform MS/MSD (Y/N) VOCs SVOCs pH Y-Solids Total Metals TCLP &		 500-270096 COC		For Lab Use Only		
City/State/Zip <u>Chicago IL 60602</u>								Walk-in Client		
Phone								Lab Sampling		
Fax										
Project Name <u>WSP 11 W057A Hoffman Estates</u>								Job / SDG No		
Site <u>US-WSP-31463035.2676</u>								<u>500-270096</u>		
PO #										
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp G=Grab)	Matrix	# of Cont.	Sample Specific Notes			
1	3641V-01-B02 (0-7)	6/16/25	1045	G	S	2	/	/	/	/
2	3641V-01-B02 (7-13)		1050				/	/	/	/
3	3641V-01-B01 (0-3)		1105				/	/	/	/
4	3641V-05-B01 (0-5)		1110				/	/	/	/
5	3641V-05-B01 (5-10)		1115				/	/	/	/
6	3641V-05-B01 (10-15)		1120				/	/	/	/
7	3641V-05-B02 (0-5)		1135				/	/	/	/
8	3641V-05-B02 (0-5) Dup		1140				/	/	/	/
9	3641V-05-B02 (5-10)		1145				/	/	/	/
10	3641V-05-B03 (0-5)		1155				/	/	/	/
11	3641V-05-B03 (5-10)		1200				/	/	/	/
12	3641V-05-B04 (0-2)	✓	1205				/	/	/	/
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other										
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample							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: <u>* SPLP analysis based on TCLP results</u>										
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No		Cooler Temp (°C) Obs'd		Corr'd		Therm ID No		
Relinquished by <u>707717</u>		Company <u>WSP</u>		Date/Time <u>6-16-25</u>		Received by		Company		Date/Time
Relinquished by		Company		Date/Time <u>1440</u>		Received by		Company		Date/Time
Relinquished by		Company		Date/Time		Received in Laboratory by <u>Adrian Kuy</u>		Company <u>FEETA</u>		Date/Time <u>06/16/25 1440</u>

Chain of Custody Record 736673

Environment Testing
America

TAL-8210

Address _____

_____Regulatory Program. ☐ DW ☐ NPDES ☐ RCRA ☐ Other: _____

Client Contact		Project Manager		Site Contact		Date		COC No						
Company Name		Tel/Email		Lab Contact		Carrier		2 of 2 COCs						
Address		Analysis Turnaround Time						Sampler						
City/State/Zip		☒ CALENDAR DAYS ☐ WORKING DAYS						For Lab Use Only.						
Phone		TAT if different from Below						Walk-in Client						
Fax		☒ 2 weeks						Lab Sampling						
Project Name		☐ 1 week						Job / SDG No						
Site		☐ 2 days						500-270096						
PO #		☐ 1 day												
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	VOCs	SVOCs	pH	Solids	Total Metals	TCLP	Sample Specific Notes
3641V-09-B01 (0-2)	6/16/25	1210	G	S	2			/	/	/	/	/	/	
3641V-10-B01 (0-2)		1215						/	/	/	/	/	/	
3641V-08-B01 (0-2)		1220						/	/	/	/	/	/	
3641V-06-B02 (0-2)		1225						/	/	/	/	/	/	
3641V-06-B01 (0-2)		1230						/	/	/	/	/	/	
3641V-04-B02 (0-4)		1235						/	/	/	/	/	/	
3641V-04-B01 (0-2)		1240						/	/	/	/	/	/	
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other														
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)								
☐ 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			Company			Date/Time			Received by			Company		
Relinquished by			Company			Date/Time			Received by			Company		
Relinquished by			Company			Date/Time			Received in Laboratory by			Company		

Login Sample Receipt Checklist

Client: WSP USA Inc

Job Number: 500-270096-1

Login Number: 270096

List Source: Eurofins Chicago

List Number: 1

Creator: Scott, Sherri L

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	Received same day of collection; chilling process has begun.
Cooler Temperature is recorded.	True	9.9,12.6,10.4
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 <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: FAP 341 (IL 72) Office Phone Number, if available: _____

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

1625 Ardwick Drive (ISGS #3641V-5)

City: Hoffman Estates State: IL Zip Code: 60169

County: Cook Township: Schaumburg

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

Latitude: 42.05897 Longitude: -88.11813

(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: 0314495100 BOW: _____ BOA: _____

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

Estimated Volume of debris (cu. Yd.): 836

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)]:

Locations 3641V-05-B01 through -B04 were sampled within the construction zone adjacent to ISGS #3641V-5 (Hilldale Golf Club). Refer to PSI Report for ISGS #3641V-5 (Hilldale Golf Club) including Table 4-3, and Figure 4-1.

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

See attached data summary table and associated laboratory data package J270096-1 .

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

I, Thomas C. Campbell, P.E. (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: 115 W Washington St. Suite 1270S
City: Indianapolis State: IN Zip Code: 46204
Phone: (317) 972-1706

Thomas C. Campbell, P.E.

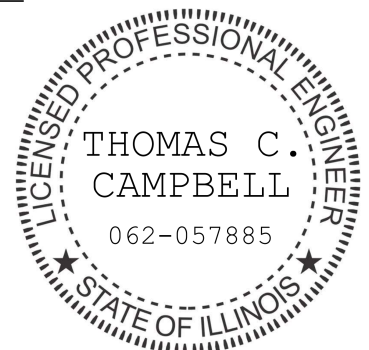
Printed Name:



Licensed Professional Engineer or
Licensed Professional Geologist Signature:

12/01/2025

Date:



Expires **11/30/2027**

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

Analytical Data Summary
PTB #196-002; Work Order 57A - IDOT Job # D-91-147-23

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 57A - IDOT Job # D-91-147-23

CONTAMINANTS OF CONCERN

SITE	ISGS #3641V-5 (Hilldale Golf Club)			Comparison Criteria					
BORING	3641V-05-B01			MACs			TACO		
SAMPLE	3641V-05-B01 (0-5)	3641V-05-B01 (5-10)	3641V-05-B01 (10-15)	Most Stringent	Within an MSA	Within Chicago	Residential	Construction Worker	SCGIER
MATRIX	Soil	Soil	Soil						
DEPTH (feet)	0-5	5-10	10-15						
pH	7.7	7.3	6.8						
PID (meter units)	--	--	--						
VOCs (mg/kg)									
Carbon disulfide	ND UJ	ND UJ	0.00090 J	9	--	--	720	9	--
Methylene Chloride	0.0026 J	0.0041	ND U	0.02	--	--	13	34	--
SVOCs (mg/kg)									
2-Methylnaphthalene	ND U	ND U	0.0083 J	--	--	--	--	--	--
Benzo(a)anthracene	ND U	ND U	0.010 J	0.9	1.8	11	1.8	170	--
Benzo(g,h,i)perylene	ND U	ND U	ND U	--	--	4.4	--	--	--
Chrysene	ND U	ND U	0.022 J	88	--	11	88	17,000	--
Dibenzofuran	ND U	ND U	ND U	--	--	--	--	--	--
Fluoranthene	ND U	ND U	0.0091 J	3,100	--	28	3,100	82,000	--
Phenanthrene	ND U	ND U	0.046	--	--	15	--	--	--
Pyrene	ND U	ND U	0.020 J	2,300	--	18	2,300	61,000	--
Inorganics (mg/kg)									
Arsenic	7.3	7.0	5.5	11.3	13	--	13	61	--
Barium	83	38	29	1,500	--	--	5,500	14,000	--
Beryllium	0.86	0.70	0.66	22	--	--	160	410	--
Boron	23	23	22	40	--	--	16,000	41,000	--
Cadmium	0.11 J	0.10 J	0.24	5.2	--	--	78	200	--
Chromium	25 †	19	21	21	--	--	230	690	--
Cobalt	12	7.9	13	20	--	--	4,700	12,000	--
Copper	22	23	23	2,900	--	--	2,900	8,200	--
Iron	20,000 †m	18,000 †m	20,000 †m	15,000	15,900	--	--	--	--
Lead	13	14	13	107	--	--	400	700	--
Magnesium	23,000	32,000	40,000	325,000	--	--	--	730,000	--
Manganese	290	290	320	630	636	--	1,600	4,100	--
Mercury	0.023	0.019	0.016 J	0.89	--	--	10	0.1	--
Nickel	33	27	35	100	--	--	1,600	4,100	--
Selenium	ND U	ND U	0.66	1.3	--	--	390	1,000	--
Thallium	0.48 J	0.40 J	0.79	2.6	--	--	6.3	160	--
Vanadium	32	24	24	550	--	--	550	1,400	--
Zinc	63	59	58	5,100	--	--	23,000	61,000	--
TCLP Metals (mg/L)									
Barium	0.52	0.30	0.36	--	--	--	--	--	2
Cadmium	0.0011 J	0.0015 J	0.0016 J	--	--	--	--	--	0.005
Chromium	ND U	ND U	ND U	--	--	--	--	--	0.1
Cobalt	ND U	0.0038 J	0.021	--	--	--	--	--	1
Copper	ND U	ND U	ND U	--	--	--	--	--	0.65
Iron	ND U	ND U	ND U	--	--	--	--	--	5
Lead	ND U	ND U	ND U	--	--	--	--	--	0.0075
Manganese	0.46 L	1.1 L	0.98 L	--	--	--	--	--	0.15
Nickel	0.0063 J	0.0085 J	0.046	--	--	--	--	--	0.1
Zinc	ND U	ND U	ND U	--	--	--	--	--	5
SPLP Metals (mg/L)									
Manganese	0.64 L	0.54 L	0.32 L	--	--	--	--	--	0.15
Nickel	NA	NA	NA	--	--	--	--	--	0.1

PTB #196-002; Work Order 57A - IDOT Job # D-91-147-23

CONTAMINANTS OF CONCERN

SITE	ISGS #3641V-5 (Hilldale Golf Club)			Comparison Criteria					
BORING	3641V-05-B02			MACs			TACO		
SAMPLE	3641V-05-B02 (0-5)	3641V-05-B02 (0-5)D	3641V-05-B02 (5-10)	Most Stringent	Within an MSA	Within Chicago	Residential	Construction Worker	SCGIER
MATRIX	Soil	Soil	Soil						
DEPTH (feet)	0-5	0-5	5-10						
pH	8.6	8.6	6.9						
PID (meter units)	--	--	--						
VOCs (mg/kg)									
Carbon disulfide	ND UJ	ND UJ	ND U	9	--	--	720	9	--
Methylene Chloride	ND U	ND U	ND U	0.02	--	--	13	34	--
SVOCs (mg/kg)									
2-Methylnaphthalene	ND U	ND U	ND U	--	--	--	--	--	--
Benzo(a)anthracene	0.0094 J	0.011 J	0.010 J	0.9	1.8	11	1.8	170	--
Benzo(g,h,i)perylene	ND U	ND U	0.017 J	--	--	4.4	--	--	--
Chrysene	ND U	ND U	0.019 J	88	--	11	88	17,000	--
Dibenzofuran	ND U	ND U	0.017 J	--	--	--	--	--	--
Fluoranthene	ND U	ND U	ND U	3,100	--	28	3,100	82,000	--
Phenanthrene	ND U	ND U	0.035 J	--	--	15	--	--	--
Pyrene	ND U	ND U	0.013 J	2,300	--	18	2,300	61,000	--
Inorganics (mg/kg)									
Arsenic	8.1	9.2	6.0	11.3	13	--	13	61	--
Barium	67	37	40	1,500	--	--	5,500	14,000	--
Beryllium	0.76	0.67	0.33	22	--	--	160	410	--
Boron	24	21	17	40	--	--	16,000	41,000	--
Cadmium	0.16	0.12	0.25	5.2	--	--	78	200	--
Chromium	22 †	19	16	21	--	--	230	690	--
Cobalt	16	14	12	20	--	--	4,700	12,000	--
Copper	27	22	23	2,900	--	--	2,900	8,200	--
Iron	20,000 †m	19,000 †m	21,000 †m	15,000	15,900	--	--	--	--
Lead	20	16	14	107	--	--	400	700	--
Magnesium	23,000	27,000	44,000	325,000	--	--	--	730,000	--
Manganese	370	310	390	630	636	--	1,600	4,100	--
Mercury	0.020	0.022	0.021	0.89	--	--	10	0.1	--
Nickel	40	29	30	100	--	--	1,600	4,100	--
Selenium	ND U	ND U	0.65	1.3	--	--	390	1,000	--
Thallium	0.42 J	0.36 J	2.2	2.6	--	--	6.3	160	--
Vanadium	30	26	17	550	--	--	550	1,400	--
Zinc	71	71	75	5,100	--	--	23,000	61,000	--
TCLP Metals (mg/L)									
Barium	0.36	0.25	0.46	--	--	--	--	--	2
Cadmium	0.0013 J	0.0016 J	0.0011 J	--	--	--	--	--	0.005
Chromium	ND U	ND U	ND U	--	--	--	--	--	0.1
Cobalt	0.0014 J	0.0038 J	0.024	--	--	--	--	--	1
Copper	ND U	ND U	0.0040 J	--	--	--	--	--	0.65
Iron	ND U	ND U	ND U	--	--	--	--	--	5
Lead	ND U	ND U	ND U	--	--	--	--	--	0.0075
Manganese	0.79 L	1.1 L	2.1 L	--	--	--	--	--	0.15
Nickel	0.018	0.0069 J	0.053	--	--	--	--	--	0.1
Zinc	ND U	ND U	0.0057 J	--	--	--	--	--	5
SPLP Metals (mg/L)									
Manganese	0.57 L	0.63 L	0.077	--	--	--	--	--	0.15
Nickel	NA	NA	NA	--	--	--	--	--	0.1

PTB #196-002; Work Order 57A - IDOT Job # D-91-147-23

CONTAMINANTS OF CONCERN

SITE	ISGS #3641V-5 (Hilldale Golf Club)			Comparison Criteria					
BORING	3641V-05-B03		3641V-05-B04	MACs			TACO		
SAMPLE	3641V-05-B03 (0-5)	3641V-05-B03 (5-10)	3641V-05-B04 (0-2)	Most Stringent	Within an MSA	Within Chicago	Residential	Construction Worker	SCGIER
MATRIX	Soil	Soil	Soil						
DEPTH (feet)	0-5	5-10	0-2						
pH	7.3	6.9	8.2						
PID (meter units)	--	--	--						
VOCs (mg/kg)									
Carbon disulfide	ND UJ	0.0015 J	ND UJ	9	--	--	720	9	--
Methylene Chloride	0.0047 J	0.0017 J	0.0024 J	0.02	--	--	13	34	--
SVOCs (mg/kg)									
2-Methylnaphthalene	ND U	0.026 J	ND U	--	--	--	--	--	--
Benzo(a)anthracene	ND U	0.011 J	ND U	0.9	1.8	11	1.8	170	--
Benzo(g,h,i)perylene	ND U	ND U	ND U	--	--	4.4	--	--	--
Chrysene	ND U	0.021 J	ND U	88	--	11	88	17,000	--
Dibenzofuran	ND U	ND U	ND U	--	--	--	--	--	--
Fluoranthene	ND U	ND U	ND U	3,100	--	28	3,100	82,000	--
Phenanthrene	ND U	0.060	ND U	--	--	15	--	--	--
Pyrene	ND U	0.013 J	ND U	2,300	--	18	2,300	61,000	--
Inorganics (mg/kg)									
Arsenic	12 †	6.1	10	11.3	13	--	13	61	--
Barium	45	29	38	1,500	--	--	5,500	14,000	--
Beryllium	0.66	0.55	0.68	22	--	--	160	410	--
Boron	19	17	21	40	--	--	16,000	41,000	--
Cadmium	0.11	0.12	0.077 J	5.2	--	--	78	200	--
Chromium	17	15	18	21	--	--	230	690	--
Cobalt	19	12	8.2	20	--	--	4,700	12,000	--
Copper	24	22	22	2,900	--	--	2,900	8,200	--
Iron	27,000 †m	20,000 †m	20,000 †m	15,000	15,900	--	--	--	--
Lead	15	14	14	107	--	--	400	700	--
Magnesium	41,000	42,000	33,000	325,000	--	--	--	730,000	--
Manganese	500	360	340	630	636	--	1,600	4,100	--
Mercury	0.019	0.017 J	0.023	0.89	--	--	10	0.1	--
Nickel	38	30	31	100	--	--	1,600	4,100	--
Selenium	0.46 J	0.52 J	0.51 J	1.3	--	--	390	1,000	--
Thallium	2.3	1.8	1.9	2.6	--	--	6.3	160	--
Vanadium	22	18	23	550	--	--	550	1,400	--
Zinc	63	51	62	5,100	--	--	23,000	61,000	--
TCLP Metals (mg/L)									
Barium	0.30	0.32	0.34	--	--	--	--	--	2
Cadmium	0.0017 J	0.0018 J	0.0017 J	--	--	--	--	--	0.005
Chromium	ND U	ND U	ND U	--	--	--	--	--	0.1
Cobalt	0.0029 J	0.060	0.0081	--	--	--	--	--	1
Copper	ND U	0.011	ND U	--	--	--	--	--	0.65
Iron	ND U	ND U	ND U	--	--	--	--	--	5
Lead	ND U	0.0048 J	ND U	--	--	--	--	--	0.0075
Manganese	1.1 L	1.5 L	1.3 L	--	--	--	--	--	0.15
Nickel	0.0050 J	0.11 L	0.012	--	--	--	--	--	0.1
Zinc	ND U	0.0078 J	ND U	--	--	--	--	--	5
SPLP Metals (mg/L)									
Manganese	0.55 L	0.040	0.56 L	--	--	--	--	--	0.15
Nickel	NA	0.012	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-WO57A IL 72 Hoffman Estates

JOB NUMBER

500-270096-1

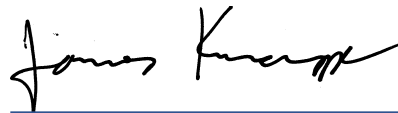
Eurofins Chicago

Job Notes

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Authorization



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

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Revision 1

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Case Narrative

Client: WSP USA Inc
Project: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Job ID: 500-270096-1

Eurofins Chicago

Job Narrative 500-270096-1

Revision

The report being provided is a revision of the original report sent on 7/2/2025. The report (revision 1) is being revised to include more details on the narrative below for method 8260D..

Receipt

The samples were received on 6/16/2025 2:40 PM. 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 9.9° C, 10.4° C and 12.6° C.

GC/MS VOA

Method 8260D: Internal standard (1,4-Dichlorobenzene-d4) response was outside of acceptance limits for the following sample: 3641V-05-B01 (5-10) (500-270096-5), 3641V-05-B01 (10-15) (500-270096-6), 3641V-05-B02 (0-5) (500-270096-7), 3641V-05-B02 (0-5)D (500-270096-8), 3641V-05-B03 (0-5) (500-270096-10), 3641V-05-B03 (5-10) (500-270096-11), 3641V-05-B04 (0-2) (500-270096-12) and 3641V-09-B01 (0-2) (500-270096-13). The sample did not have detects of requested analytes using this internal standard. Surrogate 4-Bromofluorobenzene is also being quantitated with this internal standard.

Method 8260D: Surrogate recovery for the following samples were outside the upper control limit: 3641V-05-B01 (10-15) (500-270096-6), 3641V-05-B03 (0-5) (500-270096-10), 3641V-05-B03 (5-10) (500-270096-11) and 3641V-05-B04 (0-2) (500-270096-12). This sample did not contain any target analytes above the reporting limit; therefore, re-extraction and/or re-analysis was not performed.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 500-823459 was outside the method criteria for the following analyte(s): 2-hexanone,4-methyl-2-pentanone, acetone, 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 500-823459 recovered outside control limits for the following analytes: Chloromethane. These analytes were biased low in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: Surrogate recovery for the following sample was outside the upper control limit: 3641V-08-B01 (0-2) (500-270096-15). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 500-823604 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 laboratory control sample duplicate (LCSD) for analytical batch 500-823845 recovered outside control limits for the following analytes: Carbon tetrachloride. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.
(LCSD 500-823845/9)

Method 8260D: The following analyte(s) recovered outside control limits for the LCS associated with analytical batch 500-823222: Bromomethane. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.(LCS 500-823222/7)

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 500-823222 was outside the method criteria for the following analyte(s): carbon disulfide, bromomethane. 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.

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 500-823426 was outside the method criteria for the following analyte(s): 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.

Eurofins Chicago

Case Narrative

Client: WSP USA Inc
Project: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Job ID: 500-270096-1 (Continued)

Eurofins Chicago

Method 8270E: The continuing calibration verification (CCV) analyzed in 500-823426 was outside the method criteria for the following analyte(s): 2,2'-oxybis[1-chloropropane], 2-Nitroaniline, 4,6-Dinitro-2-methylphenol, Benzo[b]fluoranthene, Bis(2-chloroethyl)ether, Isophorone, Nitrobenzene, N-Nitrosodi-n-propylamine and Nitrobenzene-d5 (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 continuing calibration verification (CCV) analyzed in 500-823422 was outside the method criteria for the following analyte(s): 2,4-Dinitrophenol. 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 500-823337 and analytical batch 500-823620 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.

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

Metals

Method 6010D: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3641V-01-B02 (0-7) (500-270096-1), 3641V-01-B02 (7-13) (500-270096-2), 3641V-05-B01 (0-5) (500-270096-4), 3641V-05-B01 (5-10) (500-270096-5) and 3641V-05-B02 (0-5) (500-270096-7). Elevated reporting limits (RLs) are provided.

Method 6010D: The method blank for leach batch 822394 contained Ba, Cr, and Se 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 laboratory control sample (LCS) for preparation batch 500-822394 and 500-822646 and analytical batch 500-823557 recovered outside control limits for the following analytes: Zinc. These analytes were biased high in the LCS and were not detected above the reporting limit in the associated samples; therefore, the data have been reported.

Method 6010D: The continuing calibration verification (CCV) associated with batch 500-823557 recovered above the upper control limit for Zinc. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are: 3641V-06-B02 (0-2) (500-270096-16), 3641V-06-B01 (0-2) (500-270096-17), 3641V-04-B02 (0-2) (500-270096-18) and 3641V-04-B01 (0-2) (500-270096-19).

Methods 200.7 Rev 4.4, 6010D: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3641V-05-B02 (5-10) (500-270096-9), 3641V-05-B03 (0-5) (500-270096-10), 3641V-05-B03 (5-10) (500-270096-11), 3641V-05-B04 (0-2) (500-270096-12), 3641V-09-B01 (0-2) (500-270096-13) and 3641V-08-B01 (0-2) (500-270096-15). Elevated reporting limits (RLs) are provided.

Method 6010D: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3641V-05-B02 (5-10) (500-270096-9), 3641V-05-B03 (0-5) (500-270096-10), 3641V-05-B03 (5-10) (500-270096-11), 3641V-05-B04 (0-2) (500-270096-12), 3641V-09-B01 (0-2) (500-270096-13) and 3641V-08-B01 (0-2) (500-270096-15). Elevated reporting limits (RLs) are provided.

Method 6010D: The method blank for preparation batch 500-822697 and analytical batch 500-823785 contained 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: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3641V-01-B02 (0-7) (500-270096-1), 3641V-01-B02 (7-13) (500-270096-2), 3641V-01-B01 (0-3) (500-270096-3), 3641V-05-B01 (0-5) (500-270096-4), 3641V-05-B01 (5-10) (500-270096-5), 3641V-05-B01 (10-15) (500-270096-6), 3641V-06-B02 (0-2) (500-270096-16), 3641V-06-B01 (0-2) (500-270096-17), 3641V-04-B02 (0-2) (500-270096-18), 3641V-04-B01 (0-2) (500-270096-19), (500-270096-D-16-G DU ^5), (500-270096-D-16-H MS ^5), (500-270096-D-16-I MSD ^5) and (500-270096-D-16-F SD ^25). Elevated reporting limits (RLs) are provided.

Method 6010D: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3641V-05-B02 (0-5) (500-270096-7) and 3641V-05-B02 (0-5)D (500-270096-8). Elevated reporting limits (RLs) are provided.

Methods 200.7 Rev 4.4, 6010D: The following sample was diluted to bring the concentration of target analytes within the calibration range: 3641V-10-B01 (0-2) (500-270096-14). Elevated reporting limits (RLs) are provided.

Method 7470A: Lab blank came above reporting limit. Sample #12 of 270096 was a hit and not reported.

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Case Narrative

Client: WSP USA Inc
Project: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Job ID: 500-270096-1 (Continued)

Eurofins Chicago

(LB 500-822250/1-C)

Method 7470A: The filtered lab blank for preparation batch 500-822394 and 500-823094 contained mercury 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 7470A: The method blank for preparation batch 500-822250 and 500-823485 contained Mercury 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.

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 500-822449 and analytical batch 500-822763 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.

Organic Prep

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

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Detection Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B01 (0-5)

Lab Sample ID: 500-270096-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Methylene Chloride	0.0026	J	0.0038	0.0016	mg/Kg	1	✱		8260D	Total/NA
Arsenic	7.3		0.59	0.20	mg/Kg	1	✱		6010D	Total/NA
Barium	83		0.59	0.067	mg/Kg	1	✱		6010D	Total/NA
Beryllium	0.86		0.24	0.055	mg/Kg	1	✱		6010D	Total/NA
Boron	23		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	25	B	0.59	0.29	mg/Kg	1	✱		6010D	Total/NA
Cobalt	12		0.29	0.077	mg/Kg	1	✱		6010D	Total/NA
Copper	22		0.59	0.16	mg/Kg	1	✱		6010D	Total/NA
Iron	20000		12	6.1	mg/Kg	1	✱		6010D	Total/NA
Lead	13		1.5	0.68	mg/Kg	5	✱		6010D	Total/NA
Magnesium	23000		5.9	2.9	mg/Kg	1	✱		6010D	Total/NA
Manganese	290		0.59	0.085	mg/Kg	1	✱		6010D	Total/NA
Nickel	33		0.59	0.17	mg/Kg	1	✱		6010D	Total/NA
Thallium	0.48	J	0.59	0.29	mg/Kg	1	✱		6010D	Total/NA
Vanadium	32		0.29	0.069	mg/Kg	1	✱		6010D	Total/NA
Zinc	63		1.2	0.52	mg/Kg	1	✱		6010D	Total/NA
Barium	0.52	B	0.010	0.0012	mg/L	1			6010D	TCLP
Cadmium	0.0011	J	0.0050	0.00043	mg/L	1			6010D	TCLP
Iron	0.097	J B	0.40	0.082	mg/L	1			6010D	TCLP
Manganese	0.46		0.010	0.0023	mg/L	1			6010D	TCLP
Nickel	0.0063	J	0.010	0.0048	mg/L	1			6010D	TCLP
Selenium	0.010	J B	0.050	0.0053	mg/L	1			6010D	TCLP
Manganese	0.64		0.010	0.0023	mg/L	1			6010D	SPLP East
Mercury	0.023		0.019	0.0077	mg/Kg	1	✱		7471B	Total/NA
pH	7.7		0.2	0.2	SU	1			9045D	Total/NA

Client Sample ID: 3641V-05-B01 (5-10)

Lab Sample ID: 500-270096-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Methylene Chloride	0.0041		0.0037	0.0016	mg/Kg	1	✱		8260D	Total/NA
Arsenic	7.0		0.57	0.20	mg/Kg	1	✱		6010D	Total/NA
Barium	38		0.57	0.065	mg/Kg	1	✱		6010D	Total/NA
Beryllium	0.70		0.23	0.053	mg/Kg	1	✱		6010D	Total/NA
Boron	23		2.9	0.27	mg/Kg	1	✱		6010D	Total/NA
Cadmium	0.10	J	0.11	0.021	mg/Kg	1	✱		6010D	Total/NA
Chromium	19	B	0.57	0.28	mg/Kg	1	✱		6010D	Total/NA
Cobalt	7.9		0.29	0.075	mg/Kg	1	✱		6010D	Total/NA
Copper	23		0.57	0.16	mg/Kg	1	✱		6010D	Total/NA
Iron	18000		11	5.9	mg/Kg	1	✱		6010D	Total/NA
Lead	14		1.4	0.66	mg/Kg	5	✱		6010D	Total/NA
Magnesium	32000		5.7	2.8	mg/Kg	1	✱		6010D	Total/NA
Manganese	290		0.57	0.083	mg/Kg	1	✱		6010D	Total/NA
Nickel	27		0.57	0.17	mg/Kg	1	✱		6010D	Total/NA
Thallium	0.40	J	0.57	0.29	mg/Kg	1	✱		6010D	Total/NA
Vanadium	24		0.29	0.067	mg/Kg	1	✱		6010D	Total/NA
Zinc	59		1.1	0.50	mg/Kg	1	✱		6010D	Total/NA
Barium	0.30	B	0.010	0.0012	mg/L	1			6010D	TCLP
Cadmium	0.0015	J	0.0050	0.00043	mg/L	1			6010D	TCLP
Cobalt	0.0038	J	0.0050	0.00078	mg/L	1			6010D	TCLP
Iron	0.21	J B	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: 500-270096-1

Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Client Sample ID: 3641V-05-B01 (5-10) (Continued)

Lab Sample ID: 500-270096-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Manganese	1.1		0.010	0.0023	mg/L	1		6010D	TCLP
Nickel	0.0085	J	0.010	0.0048	mg/L	1		6010D	TCLP
Selenium	0.0091	J B	0.050	0.0053	mg/L	1		6010D	TCLP
Manganese	0.54		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.019		0.018	0.0075	mg/Kg	1	✱	7471B	Total/NA
pH	7.3		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 3641V-05-B01 (10-15)

Lab Sample ID: 500-270096-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	0.00090	J	0.0035	0.00065	mg/Kg	1	✱	8260D	Total/NA
2-Methylnaphthalene	0.0083	J	0.075	0.0075	mg/Kg	1	✱	8270E	Total/NA
Benzo[a]anthracene	0.010	J	0.037	0.0079	mg/Kg	1	✱	8270E	Total/NA
Chrysene	0.022	J	0.037	0.0098	mg/Kg	1	✱	8270E	Total/NA
Fluoranthene	0.0091	J	0.037	0.0086	mg/Kg	1	✱	8270E	Total/NA
Phenanthrene	0.046		0.037	0.0081	mg/Kg	1	✱	8270E	Total/NA
Pyrene	0.020	J	0.037	0.010	mg/Kg	1	✱	8270E	Total/NA
Arsenic	5.5		0.53	0.18	mg/Kg	1	✱	6010D	Total/NA
Barium	29		5.3	0.61	mg/Kg	10	✱	6010D	Total/NA
Beryllium	0.66		0.21	0.050	mg/Kg	1	✱	6010D	Total/NA
Boron	22		2.7	0.25	mg/Kg	1	✱	6010D	Total/NA
Cadmium	0.24		0.11	0.019	mg/Kg	1	✱	6010D	Total/NA
Chromium	21	B	0.53	0.26	mg/Kg	1	✱	6010D	Total/NA
Cobalt	13		0.27	0.070	mg/Kg	1	✱	6010D	Total/NA
Copper	23		0.53	0.15	mg/Kg	1	✱	6010D	Total/NA
Iron	20000		110	55	mg/Kg	10	✱	6010D	Total/NA
Lead	13		2.7	1.2	mg/Kg	10	✱	6010D	Total/NA
Magnesium	40000		53	26	mg/Kg	10	✱	6010D	Total/NA
Manganese	320		0.53	0.077	mg/Kg	1	✱	6010D	Total/NA
Nickel	35		0.53	0.15	mg/Kg	1	✱	6010D	Total/NA
Selenium	0.66		0.53	0.31	mg/Kg	1	✱	6010D	Total/NA
Thallium	0.79		0.53	0.27	mg/Kg	1	✱	6010D	Total/NA
Vanadium	24		0.27	0.063	mg/Kg	1	✱	6010D	Total/NA
Zinc	58		1.1	0.47	mg/Kg	1	✱	6010D	Total/NA
Barium	0.36	B	0.010	0.0012	mg/L	1		6010D	TCLP
Cadmium	0.0016	J	0.0050	0.00043	mg/L	1		6010D	TCLP
Cobalt	0.021		0.0050	0.00078	mg/L	1		6010D	TCLP
Iron	0.11	J B	0.40	0.082	mg/L	1		6010D	TCLP
Manganese	0.98		0.010	0.0023	mg/L	1		6010D	TCLP
Nickel	0.046		0.010	0.0048	mg/L	1		6010D	TCLP
Selenium	0.0091	J B	0.050	0.0053	mg/L	1		6010D	TCLP
Manganese	0.32		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.016	J	0.018	0.0075	mg/Kg	1	✱	7471B	Total/NA
pH	6.8		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 3641V-05-B02 (0-5)

Lab Sample ID: 500-270096-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.0094	J	0.037	0.0080	mg/Kg	1	✱	8270E	Total/NA
Arsenic	8.1		0.56	0.19	mg/Kg	1	✱	6010D	Total/NA
Barium	67		0.56	0.064	mg/Kg	1	✱	6010D	Total/NA
Beryllium	0.76		0.22	0.053	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: 500-270096-1

Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Client Sample ID: 3641V-05-B02 (0-5) (Continued)

Lab Sample ID: 500-270096-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Boron	24		2.8	0.26	mg/Kg	1	✱		6010D	Total/NA
Cadmium	0.16		0.11	0.020	mg/Kg	1	✱		6010D	Total/NA
Chromium	22	B	0.56	0.28	mg/Kg	1	✱		6010D	Total/NA
Cobalt	16		0.28	0.074	mg/Kg	1	✱		6010D	Total/NA
Copper	27		0.56	0.16	mg/Kg	1	✱		6010D	Total/NA
Iron	20000		11	5.8	mg/Kg	1	✱		6010D	Total/NA
Lead	20		1.4	0.65	mg/Kg	5	✱		6010D	Total/NA
Magnesium	23000		5.6	2.8	mg/Kg	1	✱		6010D	Total/NA
Manganese	370		0.56	0.082	mg/Kg	1	✱		6010D	Total/NA
Nickel	40		0.56	0.16	mg/Kg	1	✱		6010D	Total/NA
Thallium	0.42	J	0.56	0.28	mg/Kg	1	✱		6010D	Total/NA
Vanadium	30		0.28	0.066	mg/Kg	1	✱		6010D	Total/NA
Zinc	71		1.1	0.49	mg/Kg	1	✱		6010D	Total/NA
Barium	0.36	B	0.010	0.0012	mg/L	1			6010D	TCPLP
Cadmium	0.0013	J	0.0050	0.00043	mg/L	1			6010D	TCPLP
Cobalt	0.0014	J	0.0050	0.00078	mg/L	1			6010D	TCPLP
Iron	0.098	J B	0.40	0.082	mg/L	1			6010D	TCPLP
Manganese	0.79		0.010	0.0023	mg/L	1			6010D	TCPLP
Nickel	0.018		0.010	0.0048	mg/L	1			6010D	TCPLP
Selenium	0.0088	J B	0.050	0.0053	mg/L	1			6010D	TCPLP
Manganese	0.57		0.010	0.0023	mg/L	1			6010D	SPLP East
Mercury	0.020		0.018	0.0074	mg/Kg	1	✱		7471B	Total/NA
pH	8.6		0.2	0.2	SU	1			9045D	Total/NA

Client Sample ID: 3641V-05-B02 (0-5)D

Lab Sample ID: 500-270096-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Benzo[a]anthracene	0.011	J	0.039	0.0082	mg/Kg	1	✱		8270E	Total/NA
Arsenic	9.2		0.55	0.19	mg/Kg	1	✱		6010D	Total/NA
Barium	37		0.55	0.063	mg/Kg	1	✱		6010D	Total/NA
Beryllium	0.67		0.22	0.051	mg/Kg	1	✱		6010D	Total/NA
Boron	21		2.8	0.26	mg/Kg	1	✱		6010D	Total/NA
Cadmium	0.12		0.11	0.020	mg/Kg	1	✱		6010D	Total/NA
Chromium	19	B	0.55	0.27	mg/Kg	1	✱		6010D	Total/NA
Cobalt	14		0.28	0.072	mg/Kg	1	✱		6010D	Total/NA
Copper	22		0.55	0.15	mg/Kg	1	✱		6010D	Total/NA
Iron	19000		11	5.7	mg/Kg	1	✱		6010D	Total/NA
Lead	16		1.4	0.64	mg/Kg	5	✱		6010D	Total/NA
Magnesium	27000		5.5	2.7	mg/Kg	1	✱		6010D	Total/NA
Manganese	310		0.55	0.080	mg/Kg	1	✱		6010D	Total/NA
Nickel	29		0.55	0.16	mg/Kg	1	✱		6010D	Total/NA
Thallium	0.36	J	0.55	0.27	mg/Kg	1	✱		6010D	Total/NA
Vanadium	26		0.28	0.065	mg/Kg	1	✱		6010D	Total/NA
Zinc	71		1.1	0.48	mg/Kg	1	✱		6010D	Total/NA
Barium	0.25	B	0.010	0.0012	mg/L	1			6010D	TCPLP
Cadmium	0.0016	J	0.0050	0.00043	mg/L	1			6010D	TCPLP
Cobalt	0.0038	J	0.0050	0.00078	mg/L	1			6010D	TCPLP
Iron	0.16	J B	0.40	0.082	mg/L	1			6010D	TCPLP
Manganese	1.1		0.010	0.0023	mg/L	1			6010D	TCPLP
Nickel	0.0069	J	0.010	0.0048	mg/L	1			6010D	TCPLP
Selenium	0.0098	J B	0.050	0.0053	mg/L	1			6010D	TCPLP

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Detection Summary

Client: WSP USA Inc

Job ID: 500-270096-1

Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Client Sample ID: 3641V-05-B02 (0-5)D (Continued)

Lab Sample ID: 500-270096-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Manganese	0.63		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.022		0.018	0.0073	mg/Kg	1	✱	7471B	Total/NA
pH	8.6		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 3641V-05-B02 (5-10)

Lab Sample ID: 500-270096-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.010	J	0.037	0.0078	mg/Kg	1	✱	8270E	Total/NA
Benzo[g,h,i]perylene	0.017	J	0.037	0.016	mg/Kg	1	✱	8270E	Total/NA
Chrysene	0.019	J	0.037	0.0097	mg/Kg	1	✱	8270E	Total/NA
Dibenzofuran	0.017	J	0.18	0.013	mg/Kg	1	✱	8270E	Total/NA
Phenanthrene	0.035	J	0.037	0.0080	mg/Kg	1	✱	8270E	Total/NA
Pyrene	0.013	J	0.037	0.010	mg/Kg	1	✱	8270E	Total/NA
Arsenic	6.0		0.55	0.19	mg/Kg	1	✱	6010D	Total/NA
Barium	40		2.7	0.31	mg/Kg	5	✱	6010D	Total/NA
Beryllium	0.33		0.22	0.051	mg/Kg	1	✱	6010D	Total/NA
Boron	17	B	2.7	0.26	mg/Kg	1	✱	6010D	Total/NA
Cadmium	0.25		0.11	0.020	mg/Kg	1	✱	6010D	Total/NA
Chromium	16		0.55	0.27	mg/Kg	1	✱	6010D	Total/NA
Cobalt	12		0.27	0.072	mg/Kg	1	✱	6010D	Total/NA
Copper	23		0.55	0.15	mg/Kg	1	✱	6010D	Total/NA
Iron	21000		55	28	mg/Kg	5	✱	6010D	Total/NA
Lead	14		1.4	0.63	mg/Kg	5	✱	6010D	Total/NA
Magnesium	44000		27	14	mg/Kg	5	✱	6010D	Total/NA
Manganese	390		0.55	0.079	mg/Kg	1	✱	6010D	Total/NA
Nickel	30		0.55	0.16	mg/Kg	1	✱	6010D	Total/NA
Selenium	0.65		0.55	0.32	mg/Kg	1	✱	6010D	Total/NA
Thallium	2.2		0.55	0.27	mg/Kg	1	✱	6010D	Total/NA
Vanadium	17		0.27	0.065	mg/Kg	1	✱	6010D	Total/NA
Zinc	75	B	1.1	0.48	mg/Kg	1	✱	6010D	Total/NA
Arsenic	0.0044	J B	0.010	0.0037	mg/L	1		6010D	TCLP
Barium	0.46	B	0.010	0.0012	mg/L	1		6010D	TCLP
Cadmium	0.0011	J	0.0050	0.00043	mg/L	1		6010D	TCLP
Cobalt	0.024		0.0050	0.00078	mg/L	1		6010D	TCLP
Copper	0.0040	J	0.010	0.0018	mg/L	1		6010D	TCLP
Iron	0.10	J B	0.40	0.082	mg/L	1		6010D	TCLP
Manganese	2.1		0.010	0.0023	mg/L	1		6010D	TCLP
Nickel	0.053		0.010	0.0048	mg/L	1		6010D	TCLP
Selenium	0.0089	J B	0.050	0.0053	mg/L	1		6010D	TCLP
Zinc	0.0057	J	0.50	0.0050	mg/L	1		6010D	TCLP
Manganese	0.077		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.021		0.018	0.0073	mg/Kg	1	✱	7471B	Total/NA
pH	6.9		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 3641V-05-B03 (0-5)

Lab Sample ID: 500-270096-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0047		0.0035	0.0015	mg/Kg	1	✱	8260D	Total/NA
Arsenic	12		0.57	0.19	mg/Kg	1	✱	6010D	Total/NA
Barium	45		2.8	0.32	mg/Kg	5	✱	6010D	Total/NA
Beryllium	0.66		0.23	0.053	mg/Kg	1	✱	6010D	Total/NA
Boron	19	B	2.8	0.26	mg/Kg	1	✱	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Detection Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B03 (0-5) (Continued)

Lab Sample ID: 500-270096-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	0.11		0.11	0.020	mg/Kg	1	✱	6010D	Total/NA
Chromium	17		0.57	0.28	mg/Kg	1	✱	6010D	Total/NA
Cobalt	19		0.28	0.074	mg/Kg	1	✱	6010D	Total/NA
Copper	24		0.57	0.16	mg/Kg	1	✱	6010D	Total/NA
Iron	27000		57	30	mg/Kg	5	✱	6010D	Total/NA
Lead	15		1.4	0.66	mg/Kg	5	✱	6010D	Total/NA
Magnesium	41000		28	14	mg/Kg	5	✱	6010D	Total/NA
Manganese	500		0.57	0.082	mg/Kg	1	✱	6010D	Total/NA
Nickel	38		0.57	0.17	mg/Kg	1	✱	6010D	Total/NA
Selenium	0.46	J	0.57	0.33	mg/Kg	1	✱	6010D	Total/NA
Thallium	2.3		0.57	0.28	mg/Kg	1	✱	6010D	Total/NA
Vanadium	22		0.28	0.067	mg/Kg	1	✱	6010D	Total/NA
Zinc	63	B	1.1	0.50	mg/Kg	1	✱	6010D	Total/NA
Barium	0.30	B	0.010	0.0012	mg/L	1		6010D	TCPLP
Cadmium	0.0017	J	0.0050	0.00043	mg/L	1		6010D	TCPLP
Cobalt	0.0029	J	0.0050	0.00078	mg/L	1		6010D	TCPLP
Iron	0.18	J B	0.40	0.082	mg/L	1		6010D	TCPLP
Manganese	1.1		0.010	0.0023	mg/L	1		6010D	TCPLP
Nickel	0.0050	J	0.010	0.0048	mg/L	1		6010D	TCPLP
Selenium	0.0087	J B	0.050	0.0053	mg/L	1		6010D	TCPLP
Manganese	0.55		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.019		0.018	0.0075	mg/Kg	1	✱	7471B	Total/NA
pH	7.3		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 3641V-05-B03 (5-10)

Lab Sample ID: 500-270096-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	0.0015	J	0.0040	0.00073	mg/Kg	1	✱	8260D	Total/NA
Methylene Chloride	0.0017	J	0.0040	0.0017	mg/Kg	1	✱	8260D	Total/NA
2-Methylnaphthalene	0.026	J	0.075	0.0074	mg/Kg	1	✱	8270E	Total/NA
Benzo[a]anthracene	0.011	J	0.037	0.0079	mg/Kg	1	✱	8270E	Total/NA
Chrysene	0.021	J	0.037	0.0098	mg/Kg	1	✱	8270E	Total/NA
Phenanthrene	0.060		0.037	0.0081	mg/Kg	1	✱	8270E	Total/NA
Pyrene	0.013	J	0.037	0.010	mg/Kg	1	✱	8270E	Total/NA
Arsenic	6.1		0.56	0.19	mg/Kg	1	✱	6010D	Total/NA
Barium	29		2.8	0.32	mg/Kg	5	✱	6010D	Total/NA
Beryllium	0.55		0.22	0.052	mg/Kg	1	✱	6010D	Total/NA
Boron	17	B	2.8	0.26	mg/Kg	1	✱	6010D	Total/NA
Cadmium	0.12		0.11	0.020	mg/Kg	1	✱	6010D	Total/NA
Chromium	15		0.56	0.28	mg/Kg	1	✱	6010D	Total/NA
Cobalt	12		0.28	0.073	mg/Kg	1	✱	6010D	Total/NA
Copper	22		0.56	0.16	mg/Kg	1	✱	6010D	Total/NA
Iron	20000		56	29	mg/Kg	5	✱	6010D	Total/NA
Lead	14		1.4	0.64	mg/Kg	5	✱	6010D	Total/NA
Magnesium	42000		28	14	mg/Kg	5	✱	6010D	Total/NA
Manganese	360		0.56	0.081	mg/Kg	1	✱	6010D	Total/NA
Nickel	30		0.56	0.16	mg/Kg	1	✱	6010D	Total/NA
Selenium	0.52	J	0.56	0.33	mg/Kg	1	✱	6010D	Total/NA
Thallium	1.8		0.56	0.28	mg/Kg	1	✱	6010D	Total/NA
Vanadium	18		0.28	0.066	mg/Kg	1	✱	6010D	Total/NA
Zinc	51	B	1.1	0.49	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: 500-270096-1

Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Client Sample ID: 3641V-05-B03 (5-10) (Continued)

Lab Sample ID: 500-270096-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.32	B	0.010	0.0012	mg/L	1		6010D	TCLP
Cadmium	0.0018	J	0.0050	0.00043	mg/L	1		6010D	TCLP
Cobalt	0.060		0.0050	0.00078	mg/L	1		6010D	TCLP
Copper	0.011		0.010	0.0018	mg/L	1		6010D	TCLP
Lead	0.0048	J	0.0075	0.0027	mg/L	1		6010D	TCLP
Manganese	1.5		0.010	0.0023	mg/L	1		6010D	TCLP
Nickel	0.11		0.010	0.0048	mg/L	1		6010D	TCLP
Selenium	0.0087	J B	0.050	0.0053	mg/L	1		6010D	TCLP
Zinc	0.0078	J	0.50	0.0050	mg/L	1		6010D	TCLP
Manganese	0.040		0.010	0.0023	mg/L	1		6010D	SPLP East
Nickel	0.012		0.010	0.0048	mg/L	1		6010D	SPLP East
Mercury	0.017	J	0.018	0.0073	mg/Kg	1	✱	7471B	Total/NA
pH	6.9		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 3641V-05-B04 (0-2)

Lab Sample ID: 500-270096-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0024	J	0.0037	0.0016	mg/Kg	1	✱	8260D	Total/NA
Arsenic	10		0.58	0.20	mg/Kg	1	✱	6010D	Total/NA
Barium	38		0.58	0.066	mg/Kg	1	✱	6010D	Total/NA
Beryllium	0.68		0.23	0.054	mg/Kg	1	✱	6010D	Total/NA
Boron	21	B	2.9	0.27	mg/Kg	1	✱	6010D	Total/NA
Cadmium	0.077	J	0.12	0.021	mg/Kg	1	✱	6010D	Total/NA
Chromium	18		0.58	0.29	mg/Kg	1	✱	6010D	Total/NA
Cobalt	8.2		0.29	0.076	mg/Kg	1	✱	6010D	Total/NA
Copper	22		0.58	0.16	mg/Kg	1	✱	6010D	Total/NA
Iron	20000		12	6.0	mg/Kg	1	✱	6010D	Total/NA
Lead	14		1.4	0.67	mg/Kg	5	✱	6010D	Total/NA
Magnesium	33000		5.8	2.9	mg/Kg	1	✱	6010D	Total/NA
Manganese	340		0.58	0.084	mg/Kg	1	✱	6010D	Total/NA
Nickel	31		0.58	0.17	mg/Kg	1	✱	6010D	Total/NA
Selenium	0.51	J	0.58	0.34	mg/Kg	1	✱	6010D	Total/NA
Thallium	1.9		0.58	0.29	mg/Kg	1	✱	6010D	Total/NA
Vanadium	23		0.29	0.068	mg/Kg	1	✱	6010D	Total/NA
Zinc	62	B	1.2	0.51	mg/Kg	1	✱	6010D	Total/NA
Arsenic	0.0045	J B	0.010	0.0037	mg/L	1		6010D	TCLP
Barium	0.34	B	0.010	0.0012	mg/L	1		6010D	TCLP
Cadmium	0.0017	J	0.0050	0.00043	mg/L	1		6010D	TCLP
Cobalt	0.0081		0.0050	0.00078	mg/L	1		6010D	TCLP
Iron	0.082	J B	0.40	0.082	mg/L	1		6010D	TCLP
Manganese	1.3		0.010	0.0023	mg/L	1		6010D	TCLP
Nickel	0.012		0.010	0.0048	mg/L	1		6010D	TCLP
Selenium	0.0061	J B	0.050	0.0053	mg/L	1		6010D	TCLP
Manganese	0.56		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.023		0.018	0.0075	mg/Kg	1	✱	7471B	Total/NA
pH	8.2		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: 500-270096-1

Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

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-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-270096-5	3641V-05-B01 (5-10)	Solid	06/16/25 11:15	06/16/25 14:40
500-270096-6	3641V-05-B01 (10-15)	Solid	06/16/25 11:20	06/16/25 14:40
500-270096-7	3641V-05-B02 (0-5)	Solid	06/16/25 11:35	06/16/25 14:40
500-270096-8	3641V-05-B02 (0-5)D	Solid	06/16/25 11:40	06/16/25 14:40
500-270096-9	3641V-05-B02 (5-10)	Solid	06/16/25 11:45	06/16/25 14:40
500-270096-10	3641V-05-B03 (0-5)	Solid	06/16/25 11:55	06/16/25 14:40
500-270096-11	3641V-05-B03 (5-10)	Solid	06/16/25 12:00	06/16/25 14:40
500-270096-12	3641V-05-B04 (0-2)	Solid	06/16/25 12:05	06/16/25 14:40

Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B01 (0-5)

Lab Sample ID: 500-270096-4

Date Collected: 06/16/25 11:10

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015		0.015	0.0064	mg/Kg	☆	06/16/25 15:43	06/25/25 15:52	1
Benzene	<0.0015		0.0015	0.00048	mg/Kg	☆	06/16/25 15:43	06/25/25 15:52	1
Bromodichloromethane	<0.0015		0.0015	0.00049	mg/Kg	☆	06/16/25 15:43	06/25/25 15:52	1
Bromoform	<0.0015		0.0015	0.00089	mg/Kg	☆	06/16/25 15:43	06/25/25 15:52	1
Bromomethane	<0.0038	*	0.0038	0.0019	mg/Kg	☆	06/16/25 15:43	06/25/25 15:52	1
2-Butanone (MEK)	<0.0038		0.0038	0.0017	mg/Kg	☆	06/16/25 15:43	06/25/25 15:52	1
Carbon disulfide	<0.0038		0.0038	0.00070	mg/Kg	☆	06/16/25 15:43	06/25/25 15:52	1
Carbon tetrachloride	<0.0015		0.0015	0.00052	mg/Kg	☆	06/16/25 15:43	06/25/25 15:52	1
Chlorobenzene	<0.0015		0.0015	0.00064	mg/Kg	☆	06/16/25 15:43	06/25/25 15:52	1
Chloroethane	<0.0038		0.0038	0.0012	mg/Kg	☆	06/16/25 15:43	06/25/25 15:52	1
Chloroform	<0.0015		0.0015	0.0011	mg/Kg	☆	06/16/25 15:43	06/25/25 15:52	1
Chloromethane	<0.0038		0.0038	0.00074	mg/Kg	☆	06/16/25 15:43	06/25/25 15:52	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00061	mg/Kg	☆	06/16/25 15:43	06/25/25 15:52	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00061	mg/Kg	☆	06/16/25 15:43	06/25/25 15:52	1
Dibromochloromethane	<0.0015		0.0015	0.00070	mg/Kg	☆	06/16/25 15:43	06/25/25 15:52	1
1,2-Dibromo-3-Chloropropane	<0.0038		0.0038	0.0027	mg/Kg	☆	06/16/25 15:43	06/25/25 15:52	1
1,1-Dichloroethane	<0.0015		0.0015	0.00057	mg/Kg	☆	06/16/25 15:43	06/25/25 15:52	1
1,2-Dichloroethane	<0.0038		0.0038	0.00099	mg/Kg	☆	06/16/25 15:43	06/25/25 15:52	1
1,1-Dichloroethene	<0.0015		0.0015	0.00063	mg/Kg	☆	06/16/25 15:43	06/25/25 15:52	1
1,2-Dichloropropane	<0.0015		0.0015	0.00039	mg/Kg	☆	06/16/25 15:43	06/25/25 15:52	1
1,3-Dichloropropene, Total	<0.0015		0.0015	0.00073	mg/Kg	☆	06/16/25 15:43	06/25/25 15:52	1
Ethylbenzene	<0.0015		0.0015	0.00080	mg/Kg	☆	06/16/25 15:43	06/25/25 15:52	1
2-Hexanone	<0.0038		0.0038	0.0023	mg/Kg	☆	06/16/25 15:43	06/25/25 15:52	1
Methylene Chloride	0.0026	J	0.0038	0.0016	mg/Kg	☆	06/16/25 15:43	06/25/25 15:52	1
4-Methyl-2-pentanone (MIBK)	<0.0038		0.0038	0.0027	mg/Kg	☆	06/16/25 15:43	06/25/25 15:52	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00049	mg/Kg	☆	06/16/25 15:43	06/25/25 15:52	1
Styrene	<0.0015		0.0015	0.00068	mg/Kg	☆	06/16/25 15:43	06/25/25 15:52	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00075	mg/Kg	☆	06/16/25 15:43	06/25/25 15:52	1
Tetrachloroethene	<0.0015		0.0015	0.00085	mg/Kg	☆	06/16/25 15:43	06/25/25 15:52	1
Toluene	<0.0015		0.0015	0.00031	mg/Kg	☆	06/16/25 15:43	06/25/25 15:52	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00057	mg/Kg	☆	06/16/25 15:43	06/25/25 15:52	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00073	mg/Kg	☆	06/16/25 15:43	06/25/25 15:52	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00062	mg/Kg	☆	06/16/25 15:43	06/25/25 15:52	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00057	mg/Kg	☆	06/16/25 15:43	06/25/25 15:52	1
Trichloroethene	<0.0015		0.0015	0.00041	mg/Kg	☆	06/16/25 15:43	06/25/25 15:52	1
Vinyl acetate	<0.0038		0.0038	0.00091	mg/Kg	☆	06/16/25 15:43	06/25/25 15:52	1
Vinyl chloride	<0.0015		0.0015	0.00062	mg/Kg	☆	06/16/25 15:43	06/25/25 15:52	1
Xylenes, Total	<0.0030		0.0030	0.00052	mg/Kg	☆	06/16/25 15:43	06/25/25 15:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		75 - 131	06/16/25 15:43	06/25/25 15:52	1
Dibromofluoromethane	106		75 - 126	06/16/25 15:43	06/25/25 15:52	1
1,2-Dichloroethane-d4 (Surr)	103		70 - 134	06/16/25 15:43	06/25/25 15:52	1
Toluene-d8 (Surr)	105		75 - 124	06/16/25 15:43	06/25/25 15:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.27		0.27	0.039	mg/Kg	☆	06/25/25 14:04	06/26/25 12:50	1
1,2-Dichlorobenzene	<0.27		0.27	0.022	mg/Kg	☆	06/25/25 14:04	06/26/25 12:50	1
1,3-Dichlorobenzene	<0.27		0.27	0.024	mg/Kg	☆	06/25/25 14:04	06/26/25 12:50	1

Eurofins Chicago

Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B01 (0-5)

Lab Sample ID: 500-270096-4

Date Collected: 06/16/25 11:10

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	<0.27		0.27	0.026	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
2,2'-oxybis[1-chloropropane]	<0.27		0.27	0.039	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
2,4,5-Trichlorophenol	<0.54		0.54	0.020	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
2,4,6-Trichlorophenol	<0.54		0.54	0.018	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
2,4-Dichlorophenol	<0.54		0.54	0.019	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
2,4-Dimethylphenol	<0.54		0.54	0.12	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
2,4-Dinitrophenol	<1.1		1.1	0.31	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
2,4-Dinitrotoluene	<0.27		0.27	0.031	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
2,6-Dinitrotoluene	<0.27		0.27	0.038	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
2-Chloronaphthalene	<0.27		0.27	0.020	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
2-Chlorophenol	<0.27		0.27	0.017	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
2-Methylnaphthalene	<0.11		0.11	0.011	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
2-Methylphenol	<0.27		0.27	0.029	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
2-Nitroaniline	<0.27		0.27	0.029	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
2-Nitrophenol	<0.54		0.54	0.037	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
3 & 4 Methylphenol	<0.27		0.27	0.040	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
3,3'-Dichlorobenzidine	<0.27		0.27	0.24	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
3-Nitroaniline	<0.54		0.54	0.025	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
4,6-Dinitro-2-methylphenol	<1.1		1.1	0.30	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
4-Bromophenyl phenyl ether	<0.27		0.27	0.037	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
4-Chloro-3-methylphenol	<0.54		0.54	0.045	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
4-Chloroaniline	<1.1		1.1	0.57	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
4-Chlorophenyl phenyl ether	<0.27		0.27	0.071	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
4-Nitroaniline	<0.54		0.54	0.040	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
4-Nitrophenol	<1.1		1.1	0.59	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
Acenaphthene	<0.054		0.054	0.011	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
Acenaphthylene	<0.054		0.054	0.0092	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
Anthracene	<0.054		0.054	0.011	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
Benzo[a]anthracene	<0.054		0.054	0.011	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
Benzo[a]pyrene	<0.054		0.054	0.052	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
Benzo[b]fluoranthene	<0.054		0.054	0.052	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
Benzo[g,h,i]perylene	<0.054		0.054	0.024	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
Benzo[k]fluoranthene	<0.054		0.054	0.021	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
Bis(2-chloroethoxy)methane	<0.27		0.27	0.020	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
Bis(2-chloroethyl)ether	<0.27		0.27	0.025	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
Bis(2-ethylhexyl) phthalate	<0.27		0.27	0.21	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
Butyl benzyl phthalate	<0.27		0.27	0.027	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
Carbazole	<0.27		0.27	0.021	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
Chrysene	<0.054		0.054	0.014	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
Dibenz(a,h)anthracene	<0.054		0.054	0.054	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
Dibenzofuran	<0.27		0.27	0.019	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
Diethyl phthalate	<0.27		0.27	0.025	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
Dimethyl phthalate	<0.27		0.27	0.012	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
Di-n-butyl phthalate	<0.27		0.27	0.017	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
Di-n-octyl phthalate	<0.54		0.54	0.38	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
Fluoranthene	<0.054		0.054	0.013	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
Fluorene	<0.054		0.054	0.016	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
Hexachlorobenzene	<0.11		0.11	0.010	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
Hexachlorobutadiene	<0.27		0.27	0.030	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B01 (0-5)

Lab Sample ID: 500-270096-4

Date Collected: 06/16/25 11:10

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	<1.1		1.1	0.57	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
Hexachloroethane	<0.27		0.27	0.027	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
Indeno[1,2,3-cd]pyrene	<0.054		0.054	0.053	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
Isophorone	<0.27		0.27	0.028	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
Naphthalene	<0.054		0.054	0.0098	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
Nitrobenzene	<0.054		0.054	0.017	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
N-Nitrosodi-n-propylamine	<0.11		0.11	0.031	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
N-Nitrosodiphenylamine	<0.27		0.27	0.11	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
Pentachlorophenol	<1.1		1.1	0.61	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
Phenanthrene	<0.054		0.054	0.012	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
Phenol	<0.27		0.27	0.023	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1
Pyrene	<0.054		0.054	0.015	mg/Kg	✱	06/25/25 14:04	06/26/25 12:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	64		31 - 166	06/25/25 14:04	06/26/25 12:50	1
Phenol-d5 (Surr)	63		30 - 153	06/25/25 14:04	06/26/25 12:50	1
Nitrobenzene-d5 (Surr)	65		37 - 147	06/25/25 14:04	06/26/25 12:50	1
2-Fluorobiphenyl (Surr)	67		43 - 145	06/25/25 14:04	06/26/25 12:50	1
2,4,6-Tribromophenol (Surr)	64		31 - 143	06/25/25 14:04	06/26/25 12:50	1
Terphenyl-d14 (Surr)	82		42 - 157	06/25/25 14:04	06/26/25 12:50	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	✱	06/23/25 08:59	06/28/25 01:45	1
Arsenic	7.3		0.59	0.20	mg/Kg	✱	06/23/25 08:59	06/28/25 01:45	1
Barium	83		0.59	0.067	mg/Kg	✱	06/23/25 08:59	06/28/25 01:45	1
Beryllium	0.86		0.24	0.055	mg/Kg	✱	06/23/25 08:59	06/28/25 01:45	1
Boron	23		2.9	0.27	mg/Kg	✱	06/23/25 08:59	06/28/25 01:45	1
Cadmium	0.11	J	0.12	0.021	mg/Kg	✱	06/23/25 08:59	06/28/25 01:45	1
Chromium	25	B	0.59	0.29	mg/Kg	✱	06/23/25 08:59	06/28/25 01:45	1
Cobalt	12		0.29	0.077	mg/Kg	✱	06/23/25 08:59	06/28/25 01:45	1
Copper	22		0.59	0.16	mg/Kg	✱	06/23/25 08:59	06/28/25 01:45	1
Iron	20000		12	6.1	mg/Kg	✱	06/23/25 08:59	06/28/25 01:45	1
Lead	13		1.5	0.68	mg/Kg	✱	06/23/25 08:59	06/30/25 21:37	5
Magnesium	23000		5.9	2.9	mg/Kg	✱	06/23/25 08:59	06/28/25 01:45	1
Manganese	290		0.59	0.085	mg/Kg	✱	06/23/25 08:59	06/28/25 01:45	1
Nickel	33		0.59	0.17	mg/Kg	✱	06/23/25 08:59	06/28/25 01:45	1
Selenium	<0.59		0.59	0.35	mg/Kg	✱	06/23/25 08:59	06/30/25 21:33	1
Silver	<1.5		1.5	0.38	mg/Kg	✱	06/23/25 08:59	06/30/25 21:37	5
Thallium	0.48	J	0.59	0.29	mg/Kg	✱	06/23/25 08:59	06/28/25 01:45	1
Vanadium	32		0.29	0.069	mg/Kg	✱	06/23/25 08:59	06/28/25 01:45	1
Zinc	63		1.2	0.52	mg/Kg	✱	06/23/25 08:59	06/28/25 01:45	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		06/19/25 15:35	06/20/25 17:32	1
Barium	0.52	B	0.010	0.0012	mg/L		06/19/25 15:35	06/20/25 17:32	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		06/19/25 15:35	06/20/25 17:32	1
Boron	<2.5		2.5	0.028	mg/L		06/19/25 15:35	06/23/25 23:38	5
Cadmium	0.0011	J	0.0050	0.00043	mg/L		06/19/25 15:35	06/20/25 17:32	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B01 (0-5)

Lab Sample ID: 500-270096-4

Date Collected: 06/16/25 11:10

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.7

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		06/19/25 15:35	06/20/25 17:32	1
Cobalt	<0.0050		0.0050	0.00078	mg/L		06/19/25 15:35	06/20/25 17:32	1
Copper	<0.010		0.010	0.0018	mg/L		06/19/25 15:35	06/20/25 17:32	1
Iron	0.097	J B	0.40	0.082	mg/L		06/19/25 15:35	06/20/25 17:32	1
Lead	<0.0075		0.0075	0.0027	mg/L		06/19/25 15:35	06/20/25 17:32	1
Manganese	0.46		0.010	0.0023	mg/L		06/19/25 15:35	06/20/25 17:32	1
Nickel	0.0063	J	0.010	0.0048	mg/L		06/19/25 15:35	06/20/25 17:32	1
Selenium	0.010	J B	0.050	0.0053	mg/L		06/19/25 15:35	06/20/25 17:32	1
Silver	<0.0050		0.0050	0.0015	mg/L		06/19/25 15:35	06/20/25 17:32	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		06/19/25 15:35	06/20/25 17:32	1
Zinc	<0.50		0.50	0.0050	mg/L		06/19/25 15:35	06/20/25 17:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	0.64		0.010	0.0023	mg/L		06/19/25 13:59	06/20/25 16:35	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		06/19/25 15:35	06/25/25 12:57	1
Thallium	<0.0020		0.0020	0.0020	mg/L		06/19/25 15:35	06/25/25 12:57	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		06/23/25 11:05	06/24/25 10:59	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.023		0.019	0.0077	mg/Kg	☆	06/27/25 14:00	06/30/25 08:30	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	☆	06/19/25 13:17	06/19/25 16:45	1
pH (SW846 9045D)	7.7		0.2	0.2	SU			06/20/25 13:34	1

Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B01 (5-10)

Lab Sample ID: 500-270096-5

Date Collected: 06/16/25 11:15

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.4

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	0.0063	mg/Kg	☆	06/16/25 15:43	06/25/25 16:17	1
Benzene	<0.0015		0.0015	0.00047	mg/Kg	☆	06/16/25 15:43	06/25/25 16:17	1
Bromodichloromethane	<0.0015		0.0015	0.00048	mg/Kg	☆	06/16/25 15:43	06/25/25 16:17	1
Bromoform	<0.0015		0.0015	0.00087	mg/Kg	☆	06/16/25 15:43	06/25/25 16:17	1
Bromomethane	<0.0037	*-	0.0037	0.0018	mg/Kg	☆	06/16/25 15:43	06/25/25 16:17	1
2-Butanone (MEK)	<0.0037		0.0037	0.0016	mg/Kg	☆	06/16/25 15:43	06/25/25 16:17	1
Carbon disulfide	<0.0037		0.0037	0.00069	mg/Kg	☆	06/16/25 15:43	06/25/25 16:17	1
Carbon tetrachloride	<0.0015		0.0015	0.00051	mg/Kg	☆	06/16/25 15:43	06/25/25 16:17	1
Chlorobenzene	<0.0015		0.0015	0.00063	mg/Kg	☆	06/16/25 15:43	06/25/25 16:17	1
Chloroethane	<0.0037		0.0037	0.0012	mg/Kg	☆	06/16/25 15:43	06/25/25 16:17	1
Chloroform	<0.0015		0.0015	0.0011	mg/Kg	☆	06/16/25 15:43	06/25/25 16:17	1
Chloromethane	<0.0037		0.0037	0.00072	mg/Kg	☆	06/16/25 15:43	06/25/25 16:17	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00060	mg/Kg	☆	06/16/25 15:43	06/25/25 16:17	1
cis-1,3-Dichloropropene	<0.0015	*3	0.0015	0.00060	mg/Kg	☆	06/16/25 15:43	06/25/25 16:17	1
Dibromochloromethane	<0.0015		0.0015	0.00069	mg/Kg	☆	06/16/25 15:43	06/25/25 16:17	1
1,2-Dibromo-3-Chloropropane	<0.0037	*3	0.0037	0.0026	mg/Kg	☆	06/16/25 15:43	06/25/25 16:17	1
1,1-Dichloroethane	<0.0015		0.0015	0.00056	mg/Kg	☆	06/16/25 15:43	06/25/25 16:17	1
1,2-Dichloroethane	<0.0037		0.0037	0.00097	mg/Kg	☆	06/16/25 15:43	06/25/25 16:17	1
1,1-Dichloroethene	<0.0015		0.0015	0.00061	mg/Kg	☆	06/16/25 15:43	06/25/25 16:17	1
1,2-Dichloropropane	<0.0015		0.0015	0.00039	mg/Kg	☆	06/16/25 15:43	06/25/25 16:17	1
1,3-Dichloropropene, Total	<0.0015		0.0015	0.00072	mg/Kg	☆	06/16/25 15:43	06/25/25 16:17	1
Ethylbenzene	<0.0015		0.0015	0.00079	mg/Kg	☆	06/16/25 15:43	06/25/25 16:17	1
2-Hexanone	<0.0037		0.0037	0.0023	mg/Kg	☆	06/16/25 15:43	06/25/25 16:17	1
Methylene Chloride	0.0041		0.0037	0.0016	mg/Kg	☆	06/16/25 15:43	06/25/25 16:17	1
4-Methyl-2-pentanone (MIBK)	<0.0037		0.0037	0.0027	mg/Kg	☆	06/16/25 15:43	06/25/25 16:17	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00048	mg/Kg	☆	06/16/25 15:43	06/25/25 16:17	1
Styrene	<0.0015		0.0015	0.00067	mg/Kg	☆	06/16/25 15:43	06/25/25 16:17	1
1,1,1,2-Tetrachloroethane	<0.0015	*3	0.0015	0.00074	mg/Kg	☆	06/16/25 15:43	06/25/25 16:17	1
Tetrachloroethene	<0.0015		0.0015	0.00084	mg/Kg	☆	06/16/25 15:43	06/25/25 16:17	1
Toluene	<0.0015		0.0015	0.00030	mg/Kg	☆	06/16/25 15:43	06/25/25 16:17	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00057	mg/Kg	☆	06/16/25 15:43	06/25/25 16:17	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00072	mg/Kg	☆	06/16/25 15:43	06/25/25 16:17	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00061	mg/Kg	☆	06/16/25 15:43	06/25/25 16:17	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00056	mg/Kg	☆	06/16/25 15:43	06/25/25 16:17	1
Trichloroethene	<0.0015		0.0015	0.00041	mg/Kg	☆	06/16/25 15:43	06/25/25 16:17	1
Vinyl acetate	<0.0037		0.0037	0.00089	mg/Kg	☆	06/16/25 15:43	06/25/25 16:17	1
Vinyl chloride	<0.0015		0.0015	0.00061	mg/Kg	☆	06/16/25 15:43	06/25/25 16:17	1
Xylenes, Total	<0.0030		0.0030	0.00051	mg/Kg	☆	06/16/25 15:43	06/25/25 16:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128	*3	75 - 131	06/16/25 15:43	06/25/25 16:17	1
Dibromofluoromethane	108		75 - 126	06/16/25 15:43	06/25/25 16:17	1
1,2-Dichloroethane-d4 (Surr)	107		70 - 134	06/16/25 15:43	06/25/25 16:17	1
Toluene-d8 (Surr)	111		75 - 124	06/16/25 15:43	06/25/25 16:17	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	0.026	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1
1,2-Dichlorobenzene	<0.18		0.18	0.015	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1
1,3-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B01 (5-10)

Lab Sample ID: 500-270096-5

Date Collected: 06/16/25 11:15

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.026	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1
2,4,5-Trichlorophenol	<0.36		0.36	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1
2,4,6-Trichlorophenol	<0.36		0.36	0.012	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1
2,4-Dichlorophenol	<0.36		0.36	0.013	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1
2,4-Dimethylphenol	<0.36		0.36	0.082	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1
2,4-Dinitrophenol	<0.74		0.74	0.21	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1
2,4-Dinitrotoluene	<0.18		0.18	0.021	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1
2,6-Dinitrotoluene	<0.18		0.18	0.026	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1
2-Chloronaphthalene	<0.18		0.18	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1
2-Chlorophenol	<0.18		0.18	0.012	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1
2-Methylnaphthalene	<0.074		0.074	0.0074	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1
2-Methylphenol	<0.18		0.18	0.019	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1
2-Nitroaniline	<0.18		0.18	0.020	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1
2-Nitrophenol	<0.36		0.36	0.025	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1
3 & 4 Methylphenol	<0.18		0.18	0.027	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.16	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1
3-Nitroaniline	<0.36		0.36	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1
4,6-Dinitro-2-methylphenol	<0.74		0.74	0.21	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.025	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1
4-Chloro-3-methylphenol	<0.36		0.36	0.031	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1
4-Chloroaniline	<0.74		0.74	0.38	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.048	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1
4-Nitroaniline	<0.36		0.36	0.027	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1
4-Nitrophenol	<0.74		0.74	0.40	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1
Acenaphthene	<0.036		0.036	0.0075	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1
Acenaphthylene	<0.036		0.036	0.0062	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1
Anthracene	<0.036		0.036	0.0075	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1
Benzo[a]anthracene	<0.036		0.036	0.0078	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1
Benzo[a]pyrene	<0.036		0.036	0.035	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1
Benzo[b]fluoranthene	<0.036		0.036	0.035	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1
Benzo[g,h,i]perylene	<0.036		0.036	0.016	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1
Benzo[k]fluoranthene	<0.036		0.036	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.14	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1
Butyl benzyl phthalate	<0.18		0.18	0.018	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1
Carbazole	<0.18		0.18	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1
Chrysene	<0.036		0.036	0.0097	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1
Dibenz(a,h)anthracene	<0.036		0.036	0.036	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1
Dibenzofuran	<0.18		0.18	0.013	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1
Diethyl phthalate	<0.18		0.18	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1
Dimethyl phthalate	<0.18		0.18	0.0080	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1
Di-n-butyl phthalate	<0.18		0.18	0.012	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1
Di-n-octyl phthalate	<0.36		0.36	0.26	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1
Fluoranthene	<0.036		0.036	0.0085	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1
Fluorene	<0.036		0.036	0.011	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1
Hexachlorobenzene	<0.074		0.074	0.0070	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1
Hexachlorobutadiene	<0.18		0.18	0.021	mg/Kg	☆	06/25/25 07:38	06/26/25 13:01	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B01 (5-10)

Lab Sample ID: 500-270096-5

Date Collected: 06/16/25 11:15

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	<0.74		0.74	0.39	mg/Kg	✱	06/25/25 07:38	06/26/25 13:01	1
Hexachloroethane	<0.18		0.18	0.018	mg/Kg	✱	06/25/25 07:38	06/26/25 13:01	1
Indeno[1,2,3-cd]pyrene	<0.036		0.036	0.036	mg/Kg	✱	06/25/25 07:38	06/26/25 13:01	1
Isophorone	<0.18		0.18	0.019	mg/Kg	✱	06/25/25 07:38	06/26/25 13:01	1
Naphthalene	<0.036		0.036	0.0066	mg/Kg	✱	06/25/25 07:38	06/26/25 13:01	1
Nitrobenzene	<0.036		0.036	0.012	mg/Kg	✱	06/25/25 07:38	06/26/25 13:01	1
N-Nitrosodi-n-propylamine	<0.074		0.074	0.021	mg/Kg	✱	06/25/25 07:38	06/26/25 13:01	1
N-Nitrosodiphenylamine	<0.18		0.18	0.073	mg/Kg	✱	06/25/25 07:38	06/26/25 13:01	1
Pentachlorophenol	<0.74		0.74	0.41	mg/Kg	✱	06/25/25 07:38	06/26/25 13:01	1
Phenanthrene	<0.036		0.036	0.0080	mg/Kg	✱	06/25/25 07:38	06/26/25 13:01	1
Phenol	<0.18		0.18	0.016	mg/Kg	✱	06/25/25 07:38	06/26/25 13:01	1
Pyrene	<0.036		0.036	0.010	mg/Kg	✱	06/25/25 07:38	06/26/25 13:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	80		31 - 166	06/25/25 07:38	06/26/25 13:01	1
Phenol-d5 (Surr)	85		30 - 153	06/25/25 07:38	06/26/25 13:01	1
Nitrobenzene-d5 (Surr)	95		37 - 147	06/25/25 07:38	06/26/25 13:01	1
2-Fluorobiphenyl (Surr)	82		43 - 145	06/25/25 07:38	06/26/25 13:01	1
2,4,6-Tribromophenol (Surr)	81		31 - 143	06/25/25 07:38	06/26/25 13:01	1
Terphenyl-d14 (Surr)	99		42 - 157	06/25/25 07:38	06/26/25 13:01	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	✱	06/23/25 08:59	06/28/25 01:49	1
Arsenic	7.0		0.57	0.20	mg/Kg	✱	06/23/25 08:59	06/28/25 01:49	1
Barium	38		0.57	0.065	mg/Kg	✱	06/23/25 08:59	06/28/25 01:49	1
Beryllium	0.70		0.23	0.053	mg/Kg	✱	06/23/25 08:59	06/28/25 01:49	1
Boron	23		2.9	0.27	mg/Kg	✱	06/23/25 08:59	06/28/25 01:49	1
Cadmium	0.10	J	0.11	0.021	mg/Kg	✱	06/23/25 08:59	06/28/25 01:49	1
Chromium	19	B	0.57	0.28	mg/Kg	✱	06/23/25 08:59	06/28/25 01:49	1
Cobalt	7.9		0.29	0.075	mg/Kg	✱	06/23/25 08:59	06/28/25 01:49	1
Copper	23		0.57	0.16	mg/Kg	✱	06/23/25 08:59	06/28/25 01:49	1
Iron	18000		11	5.9	mg/Kg	✱	06/23/25 08:59	06/28/25 01:49	1
Lead	14		1.4	0.66	mg/Kg	✱	06/23/25 08:59	06/30/25 21:46	5
Magnesium	32000		5.7	2.8	mg/Kg	✱	06/23/25 08:59	06/28/25 01:49	1
Manganese	290		0.57	0.083	mg/Kg	✱	06/23/25 08:59	06/28/25 01:49	1
Nickel	27		0.57	0.17	mg/Kg	✱	06/23/25 08:59	06/28/25 01:49	1
Selenium	<0.57		0.57	0.34	mg/Kg	✱	06/23/25 08:59	06/30/25 21:42	1
Silver	<1.4		1.4	0.37	mg/Kg	✱	06/23/25 08:59	06/30/25 21:46	5
Thallium	0.40	J	0.57	0.29	mg/Kg	✱	06/23/25 08:59	06/28/25 01:49	1
Vanadium	24		0.29	0.067	mg/Kg	✱	06/23/25 08:59	06/28/25 01:49	1
Zinc	59		1.1	0.50	mg/Kg	✱	06/23/25 08:59	06/28/25 01:49	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		06/19/25 15:35	06/20/25 17:37	1
Barium	0.30	B	0.010	0.0012	mg/L		06/19/25 15:35	06/20/25 17:37	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		06/19/25 15:35	06/20/25 17:37	1
Boron	<2.5		2.5	0.028	mg/L		06/19/25 15:35	06/23/25 23:42	5
Cadmium	0.0015	J	0.0050	0.00043	mg/L		06/19/25 15:35	06/20/25 17:37	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B01 (5-10)

Lab Sample ID: 500-270096-5

Date Collected: 06/16/25 11:15

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.4

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		06/19/25 15:35	06/20/25 17:37	1
Cobalt	0.0038	J	0.0050	0.00078	mg/L		06/19/25 15:35	06/20/25 17:37	1
Copper	<0.010		0.010	0.0018	mg/L		06/19/25 15:35	06/20/25 17:37	1
Iron	0.21	J B	0.40	0.082	mg/L		06/19/25 15:35	06/20/25 17:37	1
Lead	<0.0075		0.0075	0.0027	mg/L		06/19/25 15:35	06/20/25 17:37	1
Manganese	1.1		0.010	0.0023	mg/L		06/19/25 15:35	06/20/25 17:37	1
Nickel	0.0085	J	0.010	0.0048	mg/L		06/19/25 15:35	06/20/25 17:37	1
Selenium	0.0091	J B	0.050	0.0053	mg/L		06/19/25 15:35	06/20/25 17:37	1
Silver	<0.0050		0.0050	0.0015	mg/L		06/19/25 15:35	06/20/25 17:37	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		06/19/25 15:35	06/20/25 17:37	1
Zinc	<0.50		0.50	0.0050	mg/L		06/19/25 15:35	06/20/25 17:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	0.54		0.010	0.0023	mg/L		06/19/25 13:59	06/20/25 16:39	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		06/19/25 15:35	06/25/25 13:01	1
Thallium	<0.0020		0.0020	0.0020	mg/L		06/19/25 15:35	06/25/25 13:01	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		06/23/25 11:05	06/24/25 11:01	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.019		0.018	0.0075	mg/Kg	☆	06/27/25 14:00	06/30/25 08:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.25		0.25	0.13	mg/Kg	☆	06/19/25 13:17	06/19/25 16:46	1
pH (SW846 9045D)	7.3		0.2	0.2	SU			06/20/25 13:37	1

Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B01 (10-15)

Lab Sample ID: 500-270096-6

Date Collected: 06/16/25 11:20

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.014		0.014	0.0059	mg/Kg	☆	06/16/25 15:43	06/25/25 16:43	1
Benzene	<0.0014		0.0014	0.00044	mg/Kg	☆	06/16/25 15:43	06/25/25 16:43	1
Bromodichloromethane	<0.0014		0.0014	0.00045	mg/Kg	☆	06/16/25 15:43	06/25/25 16:43	1
Bromoform	<0.0014	*3	0.0014	0.00082	mg/Kg	☆	06/16/25 15:43	06/25/25 16:43	1
Bromomethane	<0.0035	*-	0.0035	0.0017	mg/Kg	☆	06/16/25 15:43	06/25/25 16:43	1
2-Butanone (MEK)	<0.0035		0.0035	0.0015	mg/Kg	☆	06/16/25 15:43	06/25/25 16:43	1
Carbon disulfide	0.00090	J	0.0035	0.00065	mg/Kg	☆	06/16/25 15:43	06/25/25 16:43	1
Carbon tetrachloride	<0.0014		0.0014	0.00048	mg/Kg	☆	06/16/25 15:43	06/25/25 16:43	1
Chlorobenzene	<0.0014	*3	0.0014	0.00059	mg/Kg	☆	06/16/25 15:43	06/25/25 16:43	1
Chloroethane	<0.0035		0.0035	0.0012	mg/Kg	☆	06/16/25 15:43	06/25/25 16:43	1
Chloroform	<0.0014		0.0014	0.0010	mg/Kg	☆	06/16/25 15:43	06/25/25 16:43	1
Chloromethane	<0.0035		0.0035	0.00068	mg/Kg	☆	06/16/25 15:43	06/25/25 16:43	1
cis-1,2-Dichloroethene	<0.0014		0.0014	0.00057	mg/Kg	☆	06/16/25 15:43	06/25/25 16:43	1
cis-1,3-Dichloropropene	<0.0014	*3	0.0014	0.00056	mg/Kg	☆	06/16/25 15:43	06/25/25 16:43	1
Dibromochloromethane	<0.0014	*3	0.0014	0.00065	mg/Kg	☆	06/16/25 15:43	06/25/25 16:43	1
1,2-Dibromo-3-Chloropropane	<0.0035	*3	0.0035	0.0025	mg/Kg	☆	06/16/25 15:43	06/25/25 16:43	1
1,1-Dichloroethane	<0.0014		0.0014	0.00053	mg/Kg	☆	06/16/25 15:43	06/25/25 16:43	1
1,2-Dichloroethane	<0.0035		0.0035	0.00091	mg/Kg	☆	06/16/25 15:43	06/25/25 16:43	1
1,1-Dichloroethene	<0.0014		0.0014	0.00058	mg/Kg	☆	06/16/25 15:43	06/25/25 16:43	1
1,2-Dichloropropane	<0.0014		0.0014	0.00036	mg/Kg	☆	06/16/25 15:43	06/25/25 16:43	1
1,3-Dichloropropene, Total	<0.0014		0.0014	0.00067	mg/Kg	☆	06/16/25 15:43	06/25/25 16:43	1
Ethylbenzene	<0.0014	*3	0.0014	0.00074	mg/Kg	☆	06/16/25 15:43	06/25/25 16:43	1
2-Hexanone	<0.0035	*3	0.0035	0.0021	mg/Kg	☆	06/16/25 15:43	06/25/25 16:43	1
Methylene Chloride	<0.0035		0.0035	0.0015	mg/Kg	☆	06/16/25 15:43	06/25/25 16:43	1
4-Methyl-2-pentanone (MIBK)	<0.0035		0.0035	0.0025	mg/Kg	☆	06/16/25 15:43	06/25/25 16:43	1
Methyl tert-butyl ether	<0.0014		0.0014	0.00045	mg/Kg	☆	06/16/25 15:43	06/25/25 16:43	1
Styrene	<0.0014	*3	0.0014	0.00063	mg/Kg	☆	06/16/25 15:43	06/25/25 16:43	1
1,1,2,2-Tetrachloroethane	<0.0014	*3	0.0014	0.00070	mg/Kg	☆	06/16/25 15:43	06/25/25 16:43	1
Tetrachloroethene	<0.0014	*3	0.0014	0.00079	mg/Kg	☆	06/16/25 15:43	06/25/25 16:43	1
Toluene	<0.0014	*3	0.0014	0.00028	mg/Kg	☆	06/16/25 15:43	06/25/25 16:43	1
trans-1,2-Dichloroethene	<0.0014		0.0014	0.00053	mg/Kg	☆	06/16/25 15:43	06/25/25 16:43	1
trans-1,3-Dichloropropene	<0.0014	*3	0.0014	0.00067	mg/Kg	☆	06/16/25 15:43	06/25/25 16:43	1
1,1,1-Trichloroethane	<0.0014		0.0014	0.00057	mg/Kg	☆	06/16/25 15:43	06/25/25 16:43	1
1,1,2-Trichloroethane	<0.0014	*3	0.0014	0.00053	mg/Kg	☆	06/16/25 15:43	06/25/25 16:43	1
Trichloroethene	<0.0014		0.0014	0.00038	mg/Kg	☆	06/16/25 15:43	06/25/25 16:43	1
Vinyl acetate	<0.0035		0.0035	0.00084	mg/Kg	☆	06/16/25 15:43	06/25/25 16:43	1
Vinyl chloride	<0.0014		0.0014	0.00057	mg/Kg	☆	06/16/25 15:43	06/25/25 16:43	1
Xylenes, Total	<0.0028		0.0028	0.00048	mg/Kg	☆	06/16/25 15:43	06/25/25 16:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129	*3	75 - 131	06/16/25 15:43	06/25/25 16:43	1
Dibromofluoromethane	107		75 - 126	06/16/25 15:43	06/25/25 16:43	1
1,2-Dichloroethane-d4 (Surr)	99		70 - 134	06/16/25 15:43	06/25/25 16:43	1
Toluene-d8 (Surr)	126	S1+ *3	75 - 124	06/16/25 15:43	06/25/25 16:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.027	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1
1,2-Dichlorobenzene	<0.19		0.19	0.015	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B01 (10-15)

Lab Sample ID: 500-270096-6

Date Collected: 06/16/25 11:20

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	<0.19		0.19	0.018	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.027	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1
2,4,5-Trichlorophenol	<0.37		0.37	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1
2,4,6-Trichlorophenol	<0.37		0.37	0.013	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1
2,4-Dichlorophenol	<0.37		0.37	0.013	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1
2,4-Dimethylphenol	<0.37		0.37	0.083	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1
2,4-Dinitrophenol	<0.75		0.75	0.22	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1
2,4-Dinitrotoluene	<0.19		0.19	0.021	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1
2,6-Dinitrotoluene	<0.19		0.19	0.026	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1
2-Methylnaphthalene	0.0083	J	0.075	0.0075	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1
2-Methylphenol	<0.19		0.19	0.020	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1
2-Nitroaniline	<0.19		0.19	0.020	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1
2-Nitrophenol	<0.37		0.37	0.025	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1
3 & 4 Methylphenol	<0.19		0.19	0.027	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.16	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1
3-Nitroaniline	<0.37		0.37	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.21	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.025	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1
4-Chloro-3-methylphenol	<0.37		0.37	0.031	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1
4-Chloroaniline	<0.75		0.75	0.39	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1
4-Nitroaniline	<0.37		0.37	0.027	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1
4-Nitrophenol	<0.75		0.75	0.40	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1
Acenaphthene	<0.037		0.037	0.0076	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1
Acenaphthylene	<0.037		0.037	0.0063	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1
Anthracene	<0.037		0.037	0.0076	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1
Benzo[a]anthracene	0.010	J	0.037	0.0079	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1
Benzo[a]pyrene	<0.037		0.037	0.036	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1
Benzo[b]fluoranthene	<0.037		0.037	0.035	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1
Benzo[g,h,i]perylene	<0.037		0.037	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1
Benzo[k]fluoranthene	<0.037		0.037	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.15	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1
Butyl benzyl phthalate	<0.19		0.19	0.018	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1
Carbazole	<0.19		0.19	0.015	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1
Chrysene	0.022	J	0.037	0.0098	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1
Dibenz(a,h)anthracene	<0.037		0.037	0.037	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1
Dibenzofuran	<0.19		0.19	0.013	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1
Diethyl phthalate	<0.19		0.19	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1
Dimethyl phthalate	<0.19		0.19	0.0081	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1
Di-n-octyl phthalate	<0.37		0.37	0.26	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1
Fluoranthene	0.0091	J	0.037	0.0086	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1
Fluorene	<0.037		0.037	0.011	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1
Hexachlorobenzene	<0.075		0.075	0.0071	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1
Hexachlorobutadiene	<0.19		0.19	0.021	mg/Kg	☆	06/25/25 07:38	06/26/25 19:59	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B01 (10-15)

Lab Sample ID: 500-270096-6

Date Collected: 06/16/25 11:20

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.8

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	✱	06/25/25 07:38	06/26/25 19:59	1
Hexachloroethane	<0.19		0.19	0.019	mg/Kg	✱	06/25/25 07:38	06/26/25 19:59	1
Indeno[1,2,3-cd]pyrene	<0.037		0.037	0.036	mg/Kg	✱	06/25/25 07:38	06/26/25 19:59	1
Isophorone	<0.19		0.19	0.019	mg/Kg	✱	06/25/25 07:38	06/26/25 19:59	1
Naphthalene	<0.037		0.037	0.0067	mg/Kg	✱	06/25/25 07:38	06/26/25 19:59	1
Nitrobenzene	<0.037		0.037	0.012	mg/Kg	✱	06/25/25 07:38	06/26/25 19:59	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.021	mg/Kg	✱	06/25/25 07:38	06/26/25 19:59	1
N-Nitrosodiphenylamine	<0.19		0.19	0.074	mg/Kg	✱	06/25/25 07:38	06/26/25 19:59	1
Pentachlorophenol	<0.75		0.75	0.42	mg/Kg	✱	06/25/25 07:38	06/26/25 19:59	1
Phenanthrene	0.046		0.037	0.0081	mg/Kg	✱	06/25/25 07:38	06/26/25 19:59	1
Phenol	<0.19		0.19	0.016	mg/Kg	✱	06/25/25 07:38	06/26/25 19:59	1
Pyrene	0.020	J	0.037	0.010	mg/Kg	✱	06/25/25 07:38	06/26/25 19:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	76		31 - 166	06/25/25 07:38	06/26/25 19:59	1
Phenol-d5 (Surr)	77		30 - 153	06/25/25 07:38	06/26/25 19:59	1
Nitrobenzene-d5 (Surr)	88		37 - 147	06/25/25 07:38	06/26/25 19:59	1
2-Fluorobiphenyl (Surr)	79		43 - 145	06/25/25 07:38	06/26/25 19:59	1
2,4,6-Tribromophenol (Surr)	71		31 - 143	06/25/25 07:38	06/26/25 19:59	1
Terphenyl-d14 (Surr)	98		42 - 157	06/25/25 07:38	06/26/25 19:59	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.1		1.1	0.21	mg/Kg	✱	06/23/25 08:59	06/28/25 01:54	1
Arsenic	5.5		0.53	0.18	mg/Kg	✱	06/23/25 08:59	06/28/25 01:54	1
Barium	29		5.3	0.61	mg/Kg	✱	06/23/25 08:59	06/30/25 22:03	10
Beryllium	0.66		0.21	0.050	mg/Kg	✱	06/23/25 08:59	06/28/25 01:54	1
Boron	22		2.7	0.25	mg/Kg	✱	06/23/25 08:59	06/28/25 01:54	1
Cadmium	0.24		0.11	0.019	mg/Kg	✱	06/23/25 08:59	06/28/25 01:54	1
Chromium	21	B	0.53	0.26	mg/Kg	✱	06/23/25 08:59	06/28/25 01:54	1
Cobalt	13		0.27	0.070	mg/Kg	✱	06/23/25 08:59	06/28/25 01:54	1
Copper	23		0.53	0.15	mg/Kg	✱	06/23/25 08:59	06/28/25 01:54	1
Iron	20000		110	55	mg/Kg	✱	06/23/25 08:59	06/30/25 22:03	10
Lead	13		2.7	1.2	mg/Kg	✱	06/23/25 08:59	06/30/25 22:03	10
Magnesium	40000		53	26	mg/Kg	✱	06/23/25 08:59	06/30/25 22:03	10
Manganese	320		0.53	0.077	mg/Kg	✱	06/23/25 08:59	06/28/25 01:54	1
Nickel	35		0.53	0.15	mg/Kg	✱	06/23/25 08:59	06/28/25 01:54	1
Selenium	0.66		0.53	0.31	mg/Kg	✱	06/23/25 08:59	06/30/25 21:59	1
Silver	<2.7		2.7	0.69	mg/Kg	✱	06/23/25 08:59	06/30/25 22:03	10
Thallium	0.79		0.53	0.27	mg/Kg	✱	06/23/25 08:59	06/28/25 01:54	1
Vanadium	24		0.27	0.063	mg/Kg	✱	06/23/25 08:59	06/28/25 01:54	1
Zinc	58		1.1	0.47	mg/Kg	✱	06/23/25 08:59	06/28/25 01:54	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		06/19/25 15:35	06/20/25 17:42	1
Barium	0.36	B	0.010	0.0012	mg/L		06/19/25 15:35	06/20/25 17:42	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		06/19/25 15:35	06/20/25 17:42	1
Boron	<0.50		0.50	0.0056	mg/L		06/19/25 15:35	06/20/25 17:42	1
Cadmium	0.0016	J	0.0050	0.00043	mg/L		06/19/25 15:35	06/20/25 17:42	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B01 (10-15)

Lab Sample ID: 500-270096-6

Date Collected: 06/16/25 11:20

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.8

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		06/19/25 15:35	06/20/25 17:42	1
Cobalt	0.021		0.0050	0.00078	mg/L		06/19/25 15:35	06/20/25 17:42	1
Copper	<0.010		0.010	0.0018	mg/L		06/19/25 15:35	06/20/25 17:42	1
Iron	0.11	J B	0.40	0.082	mg/L		06/19/25 15:35	06/20/25 17:42	1
Lead	<0.0075		0.0075	0.0027	mg/L		06/19/25 15:35	06/20/25 17:42	1
Manganese	0.98		0.010	0.0023	mg/L		06/19/25 15:35	06/20/25 17:42	1
Nickel	0.046		0.010	0.0048	mg/L		06/19/25 15:35	06/20/25 17:42	1
Selenium	0.0091	J B	0.050	0.0053	mg/L		06/19/25 15:35	06/20/25 17:42	1
Silver	<0.0050		0.0050	0.0015	mg/L		06/19/25 15:35	06/20/25 17:42	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		06/19/25 15:35	06/20/25 17:42	1
Zinc	<0.50		0.50	0.0050	mg/L		06/19/25 15:35	06/20/25 17:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	0.32		0.010	0.0023	mg/L		06/19/25 13:59	06/20/25 16:44	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		06/19/25 15:35	06/25/25 13:05	1
Thallium	<0.0020		0.0020	0.0020	mg/L		06/19/25 15:35	06/25/25 13:05	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		06/23/25 11:05	06/24/25 11:03	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.016	J	0.018	0.0075	mg/Kg	☆	06/27/25 14:00	06/30/25 08:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.25		0.25	0.12	mg/Kg	☆	06/19/25 13:17	06/19/25 16:46	1
pH (SW846 9045D)	6.8		0.2	0.2	SU			06/20/25 13:39	1

Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B02 (0-5)

Lab Sample ID: 500-270096-7

Date Collected: 06/16/25 11:35

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.019		0.019	0.0081	mg/Kg	☆	06/16/25 15:43	06/25/25 17:08	1
Benzene	<0.0019		0.0019	0.00061	mg/Kg	☆	06/16/25 15:43	06/25/25 17:08	1
Bromodichloromethane	<0.0019		0.0019	0.00062	mg/Kg	☆	06/16/25 15:43	06/25/25 17:08	1
Bromoform	<0.0019		0.0019	0.0011	mg/Kg	☆	06/16/25 15:43	06/25/25 17:08	1
Bromomethane	<0.0048	*-	0.0048	0.0024	mg/Kg	☆	06/16/25 15:43	06/25/25 17:08	1
2-Butanone (MEK)	<0.0048		0.0048	0.0021	mg/Kg	☆	06/16/25 15:43	06/25/25 17:08	1
Carbon disulfide	<0.0048		0.0048	0.00089	mg/Kg	☆	06/16/25 15:43	06/25/25 17:08	1
Carbon tetrachloride	<0.0019		0.0019	0.00066	mg/Kg	☆	06/16/25 15:43	06/25/25 17:08	1
Chlorobenzene	<0.0019		0.0019	0.00081	mg/Kg	☆	06/16/25 15:43	06/25/25 17:08	1
Chloroethane	<0.0048		0.0048	0.0016	mg/Kg	☆	06/16/25 15:43	06/25/25 17:08	1
Chloroform	<0.0019		0.0019	0.0014	mg/Kg	☆	06/16/25 15:43	06/25/25 17:08	1
Chloromethane	<0.0048		0.0048	0.00093	mg/Kg	☆	06/16/25 15:43	06/25/25 17:08	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00078	mg/Kg	☆	06/16/25 15:43	06/25/25 17:08	1
cis-1,3-Dichloropropene	<0.0019	*3	0.0019	0.00077	mg/Kg	☆	06/16/25 15:43	06/25/25 17:08	1
Dibromochloromethane	<0.0019		0.0019	0.00089	mg/Kg	☆	06/16/25 15:43	06/25/25 17:08	1
1,2-Dibromo-3-Chloropropane	<0.0048	*3	0.0048	0.0034	mg/Kg	☆	06/16/25 15:43	06/25/25 17:08	1
1,1-Dichloroethane	<0.0019		0.0019	0.00073	mg/Kg	☆	06/16/25 15:43	06/25/25 17:08	1
1,2-Dichloroethane	<0.0048		0.0048	0.0012	mg/Kg	☆	06/16/25 15:43	06/25/25 17:08	1
1,1-Dichloroethene	<0.0019		0.0019	0.00079	mg/Kg	☆	06/16/25 15:43	06/25/25 17:08	1
1,2-Dichloropropane	<0.0019		0.0019	0.00050	mg/Kg	☆	06/16/25 15:43	06/25/25 17:08	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00092	mg/Kg	☆	06/16/25 15:43	06/25/25 17:08	1
Ethylbenzene	<0.0019		0.0019	0.0010	mg/Kg	☆	06/16/25 15:43	06/25/25 17:08	1
2-Hexanone	<0.0048		0.0048	0.0029	mg/Kg	☆	06/16/25 15:43	06/25/25 17:08	1
Methylene Chloride	<0.0048		0.0048	0.0021	mg/Kg	☆	06/16/25 15:43	06/25/25 17:08	1
4-Methyl-2-pentanone (MIBK)	<0.0048		0.0048	0.0034	mg/Kg	☆	06/16/25 15:43	06/25/25 17:08	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00062	mg/Kg	☆	06/16/25 15:43	06/25/25 17:08	1
Styrene	<0.0019		0.0019	0.00087	mg/Kg	☆	06/16/25 15:43	06/25/25 17:08	1
1,1,2,2-Tetrachloroethane	<0.0019	*3	0.0019	0.00096	mg/Kg	☆	06/16/25 15:43	06/25/25 17:08	1
Tetrachloroethene	<0.0019		0.0019	0.0011	mg/Kg	☆	06/16/25 15:43	06/25/25 17:08	1
Toluene	<0.0019		0.0019	0.00039	mg/Kg	☆	06/16/25 15:43	06/25/25 17:08	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00073	mg/Kg	☆	06/16/25 15:43	06/25/25 17:08	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00092	mg/Kg	☆	06/16/25 15:43	06/25/25 17:08	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00078	mg/Kg	☆	06/16/25 15:43	06/25/25 17:08	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00072	mg/Kg	☆	06/16/25 15:43	06/25/25 17:08	1
Trichloroethene	<0.0019		0.0019	0.00052	mg/Kg	☆	06/16/25 15:43	06/25/25 17:08	1
Vinyl acetate	<0.0048		0.0048	0.0011	mg/Kg	☆	06/16/25 15:43	06/25/25 17:08	1
Vinyl chloride	<0.0019		0.0019	0.00079	mg/Kg	☆	06/16/25 15:43	06/25/25 17:08	1
Xylenes, Total	<0.0038		0.0038	0.00066	mg/Kg	☆	06/16/25 15:43	06/25/25 17:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113	*3	75 - 131	06/16/25 15:43	06/25/25 17:08	1
Dibromofluoromethane	106		75 - 126	06/16/25 15:43	06/25/25 17:08	1
1,2-Dichloroethane-d4 (Surr)	110		70 - 134	06/16/25 15:43	06/25/25 17:08	1
Toluene-d8 (Surr)	105		75 - 124	06/16/25 15:43	06/25/25 17:08	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	☆	06/25/25 07:38	06/26/25 13:25	1
1,2-Dichlorobenzene	<0.19		0.19	0.015	mg/Kg	☆	06/25/25 07:38	06/26/25 13:25	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 13:25	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B02 (0-5)

Lab Sample ID: 500-270096-7

Date Collected: 06/16/25 11:35

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.9

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	☆	06/25/25 07:38	06/26/25 13:25	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.027	mg/Kg	☆	06/25/25 07:38	06/26/25 13:25	1
2,4,5-Trichlorophenol	<0.37		0.37	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 13:25	1
2,4,6-Trichlorophenol	<0.37		0.37	0.013	mg/Kg	☆	06/25/25 07:38	06/26/25 13:25	1
2,4-Dichlorophenol	<0.37		0.37	0.013	mg/Kg	☆	06/25/25 07:38	06/26/25 13:25	1
2,4-Dimethylphenol	<0.37		0.37	0.084	mg/Kg	☆	06/25/25 07:38	06/26/25 13:25	1
2,4-Dinitrophenol	<0.76		0.76	0.22	mg/Kg	☆	06/25/25 07:38	06/26/25 13:25	1
2,4-Dinitrotoluene	<0.19		0.19	0.021	mg/Kg	☆	06/25/25 07:38	06/26/25 13:25	1
2,6-Dinitrotoluene	<0.19		0.19	0.026	mg/Kg	☆	06/25/25 07:38	06/26/25 13:25	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 13:25	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	☆	06/25/25 07:38	06/26/25 13:25	1
2-Methylnaphthalene	<0.076		0.076	0.0075	mg/Kg	☆	06/25/25 07:38	06/26/25 13:25	1
2-Methylphenol	<0.19		0.19	0.020	mg/Kg	☆	06/25/25 07:38	06/26/25 13:25	1
2-Nitroaniline	<0.19		0.19	0.020	mg/Kg	☆	06/25/25 07:38	06/26/25 13:25	1
2-Nitrophenol	<0.37		0.37	0.025	mg/Kg	☆	06/25/25 07:38	06/26/25 13:25	1
3 & 4 Methylphenol	<0.19		0.19	0.028	mg/Kg	☆	06/25/25 07:38	06/26/25 13:25	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.16	mg/Kg	☆	06/25/25 07:38	06/26/25 13:25	1
3-Nitroaniline	<0.37		0.37	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 13:25	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.21	mg/Kg	☆	06/25/25 07:38	06/26/25 13:25	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.026	mg/Kg	☆	06/25/25 07:38	06/26/25 13:25	1
4-Chloro-3-methylphenol	<0.37		0.37	0.031	mg/Kg	☆	06/25/25 07:38	06/26/25 13:25	1
4-Chloroaniline	<0.76		0.76	0.39	mg/Kg	☆	06/25/25 07:38	06/26/25 13:25	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	☆	06/25/25 07:38	06/26/25 13:25	1
4-Nitroaniline	<0.37		0.37	0.028	mg/Kg	☆	06/25/25 07:38	06/26/25 13:25	1
4-Nitrophenol	<0.76		0.76	0.41	mg/Kg	☆	06/25/25 07:38	06/26/25 13:25	1
Acenaphthene	<0.037		0.037	0.0076	mg/Kg	☆	06/25/25 07:38	06/26/25 13:25	1
Acenaphthylene	<0.037		0.037	0.0064	mg/Kg	☆	06/25/25 07:38	06/26/25 13:25	1
Anthracene	<0.037		0.037	0.0077	mg/Kg	☆	06/25/25 07:38	06/26/25 13:25	1
Benzo[a]anthracene	0.0094 J		0.037	0.0080	mg/Kg	☆	06/25/25 07:38	06/26/25 13:25	1
Benzo[a]pyrene	<0.037		0.037	0.036	mg/Kg	☆	06/25/25 07:38	06/26/25 13:25	1
Benzo[b]fluoranthene	<0.037		0.037	0.036	mg/Kg	☆	06/25/25 07:38	06/26/25 13:25	1
Benzo[g,h,i]perylene	<0.037		0.037	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 13:25	1
Benzo[k]fluoranthene	<0.037		0.037	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 13:25	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 13:25	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 13:25	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.15	mg/Kg	☆	06/25/25 07:38	06/26/25 13:25	1
Butyl benzyl phthalate	<0.19		0.19	0.019	mg/Kg	☆	06/25/25 07:38	06/26/25 13:25	1
Carbazole	<0.19		0.19	0.015	mg/Kg	☆	06/25/25 07:38	06/26/25 13:25	1
Chrysene	<0.037		0.037	0.0099	mg/Kg	☆	06/25/25 07:38	06/26/25 13:25	1
Dibenz(a,h)anthracene	<0.037		0.037	0.037	mg/Kg	☆	06/25/25 07:38	06/26/25 13:25	1
Dibenzofuran	<0.19		0.19	0.013	mg/Kg	☆	06/25/25 07:38	06/26/25 13:25	1
Diethyl phthalate	<0.19		0.19	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 13:25	1
Dimethyl phthalate	<0.19		0.19	0.0082	mg/Kg	☆	06/25/25 07:38	06/26/25 13:25	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	☆	06/25/25 07:38	06/26/25 13:25	1
Di-n-octyl phthalate	<0.37		0.37	0.26	mg/Kg	☆	06/25/25 07:38	06/26/25 13:25	1
Fluoranthene	<0.037		0.037	0.0087	mg/Kg	☆	06/25/25 07:38	06/26/25 13:25	1
Fluorene	<0.037		0.037	0.011	mg/Kg	☆	06/25/25 07:38	06/26/25 13:25	1
Hexachlorobenzene	<0.076		0.076	0.0072	mg/Kg	☆	06/25/25 07:38	06/26/25 13:25	1
Hexachlorobutadiene	<0.19		0.19	0.021	mg/Kg	☆	06/25/25 07:38	06/26/25 13:25	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B02 (0-5)

Lab Sample ID: 500-270096-7

Date Collected: 06/16/25 11:35

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.9

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	✱	06/25/25 07:38	06/26/25 13:25	1
Hexachloroethane	<0.19		0.19	0.019	mg/Kg	✱	06/25/25 07:38	06/26/25 13:25	1
Indeno[1,2,3-cd]pyrene	<0.037		0.037	0.037	mg/Kg	✱	06/25/25 07:38	06/26/25 13:25	1
Isophorone	<0.19		0.19	0.019	mg/Kg	✱	06/25/25 07:38	06/26/25 13:25	1
Naphthalene	<0.037		0.037	0.0068	mg/Kg	✱	06/25/25 07:38	06/26/25 13:25	1
Nitrobenzene	<0.037		0.037	0.012	mg/Kg	✱	06/25/25 07:38	06/26/25 13:25	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.022	mg/Kg	✱	06/25/25 07:38	06/26/25 13:25	1
N-Nitrosodiphenylamine	<0.19		0.19	0.074	mg/Kg	✱	06/25/25 07:38	06/26/25 13:25	1
Pentachlorophenol	<0.76		0.76	0.42	mg/Kg	✱	06/25/25 07:38	06/26/25 13:25	1
Phenanthrene	<0.037		0.037	0.0082	mg/Kg	✱	06/25/25 07:38	06/26/25 13:25	1
Phenol	<0.19		0.19	0.016	mg/Kg	✱	06/25/25 07:38	06/26/25 13:25	1
Pyrene	<0.037		0.037	0.010	mg/Kg	✱	06/25/25 07:38	06/26/25 13:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	79		31 - 166	06/25/25 07:38	06/26/25 13:25	1
Phenol-d5 (Surr)	84		30 - 153	06/25/25 07:38	06/26/25 13:25	1
Nitrobenzene-d5 (Surr)	93		37 - 147	06/25/25 07:38	06/26/25 13:25	1
2-Fluorobiphenyl (Surr)	84		43 - 145	06/25/25 07:38	06/26/25 13:25	1
2,4,6-Tribromophenol (Surr)	84		31 - 143	06/25/25 07:38	06/26/25 13:25	1
Terphenyl-d14 (Surr)	97		42 - 157	06/25/25 07:38	06/26/25 13:25	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	✱	06/23/25 08:59	06/28/25 01:58	1
Arsenic	8.1		0.56	0.19	mg/Kg	✱	06/23/25 08:59	06/28/25 01:58	1
Barium	67		0.56	0.064	mg/Kg	✱	06/23/25 08:59	06/28/25 01:58	1
Beryllium	0.76		0.22	0.053	mg/Kg	✱	06/23/25 08:59	06/28/25 01:58	1
Boron	24		2.8	0.26	mg/Kg	✱	06/23/25 08:59	06/28/25 01:58	1
Cadmium	0.16		0.11	0.020	mg/Kg	✱	06/23/25 08:59	06/28/25 01:58	1
Chromium	22	B	0.56	0.28	mg/Kg	✱	06/23/25 08:59	06/28/25 01:58	1
Cobalt	16		0.28	0.074	mg/Kg	✱	06/23/25 08:59	06/28/25 01:58	1
Copper	27		0.56	0.16	mg/Kg	✱	06/23/25 08:59	06/28/25 01:58	1
Iron	20000		11	5.8	mg/Kg	✱	06/23/25 08:59	06/28/25 01:58	1
Lead	20		1.4	0.65	mg/Kg	✱	06/23/25 08:59	07/01/25 12:21	5
Magnesium	23000		5.6	2.8	mg/Kg	✱	06/23/25 08:59	06/28/25 01:58	1
Manganese	370		0.56	0.082	mg/Kg	✱	06/23/25 08:59	06/28/25 01:58	1
Nickel	40		0.56	0.16	mg/Kg	✱	06/23/25 08:59	06/28/25 01:58	1
Selenium	<0.56		0.56	0.33	mg/Kg	✱	06/23/25 08:59	06/30/25 22:08	1
Silver	<1.4		1.4	0.36	mg/Kg	✱	06/23/25 08:59	07/01/25 12:21	5
Thallium	0.42	J	0.56	0.28	mg/Kg	✱	06/23/25 08:59	06/28/25 01:58	1
Vanadium	30		0.28	0.066	mg/Kg	✱	06/23/25 08:59	06/28/25 01:58	1
Zinc	71		1.1	0.49	mg/Kg	✱	06/23/25 08:59	06/28/25 01:58	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		06/19/25 15:35	06/20/25 17:46	1
Barium	0.36	B	0.010	0.0012	mg/L		06/19/25 15:35	06/20/25 17:46	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		06/19/25 15:35	06/20/25 17:46	1
Boron	<2.5		2.5	0.028	mg/L		06/19/25 15:35	06/23/25 23:47	5
Cadmium	0.0013	J	0.0050	0.00043	mg/L		06/19/25 15:35	06/20/25 17:46	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B02 (0-5)

Lab Sample ID: 500-270096-7

Date Collected: 06/16/25 11:35

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.9

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		06/19/25 15:35	06/20/25 17:46	1
Cobalt	0.0014	J	0.0050	0.00078	mg/L		06/19/25 15:35	06/20/25 17:46	1
Copper	<0.010		0.010	0.0018	mg/L		06/19/25 15:35	06/20/25 17:46	1
Iron	0.098	J B	0.40	0.082	mg/L		06/19/25 15:35	06/20/25 17:46	1
Lead	<0.0075		0.0075	0.0027	mg/L		06/19/25 15:35	06/20/25 17:46	1
Manganese	0.79		0.010	0.0023	mg/L		06/19/25 15:35	06/20/25 17:46	1
Nickel	0.018		0.010	0.0048	mg/L		06/19/25 15:35	06/20/25 17:46	1
Selenium	0.0088	J B	0.050	0.0053	mg/L		06/19/25 15:35	06/20/25 17:46	1
Silver	<0.0050		0.0050	0.0015	mg/L		06/19/25 15:35	06/20/25 17:46	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		06/19/25 15:35	06/20/25 17:46	1
Zinc	<0.50		0.50	0.0050	mg/L		06/19/25 15:35	06/20/25 17:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	0.57		0.010	0.0023	mg/L		06/19/25 13:59	06/20/25 16:48	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		06/19/25 15:35	06/25/25 13:09	1
Thallium	<0.0020		0.0020	0.0020	mg/L		06/19/25 15:35	06/25/25 13:09	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		06/23/25 11:05	06/24/25 11:04	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.020		0.018	0.0074	mg/Kg	☆	06/27/25 14:00	06/30/25 08:35	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	☆	06/19/25 13:17	06/19/25 16:49	1
pH (SW846 9045D)	8.6		0.2	0.2	SU			06/20/25 13:42	1

Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B02 (0-5)D

Lab Sample ID: 500-270096-8

Date Collected: 06/16/25 11:40

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015		0.015	0.0062	mg/Kg	☆	06/16/25 15:43	06/25/25 17:33	1
Benzene	<0.0015		0.0015	0.00046	mg/Kg	☆	06/16/25 15:43	06/25/25 17:33	1
Bromodichloromethane	<0.0015		0.0015	0.00047	mg/Kg	☆	06/16/25 15:43	06/25/25 17:33	1
Bromoform	<0.0015		0.0015	0.00086	mg/Kg	☆	06/16/25 15:43	06/25/25 17:33	1
Bromomethane	<0.0037	*-	0.0037	0.0018	mg/Kg	☆	06/16/25 15:43	06/25/25 17:33	1
2-Butanone (MEK)	<0.0037		0.0037	0.0016	mg/Kg	☆	06/16/25 15:43	06/25/25 17:33	1
Carbon disulfide	<0.0037		0.0037	0.00068	mg/Kg	☆	06/16/25 15:43	06/25/25 17:33	1
Carbon tetrachloride	<0.0015		0.0015	0.00050	mg/Kg	☆	06/16/25 15:43	06/25/25 17:33	1
Chlorobenzene	<0.0015		0.0015	0.00062	mg/Kg	☆	06/16/25 15:43	06/25/25 17:33	1
Chloroethane	<0.0037		0.0037	0.0012	mg/Kg	☆	06/16/25 15:43	06/25/25 17:33	1
Chloroform	<0.0015		0.0015	0.0011	mg/Kg	☆	06/16/25 15:43	06/25/25 17:33	1
Chloromethane	<0.0037		0.0037	0.00071	mg/Kg	☆	06/16/25 15:43	06/25/25 17:33	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00059	mg/Kg	☆	06/16/25 15:43	06/25/25 17:33	1
cis-1,3-Dichloropropene	<0.0015	*3	0.0015	0.00059	mg/Kg	☆	06/16/25 15:43	06/25/25 17:33	1
Dibromochloromethane	<0.0015		0.0015	0.00068	mg/Kg	☆	06/16/25 15:43	06/25/25 17:33	1
1,2-Dibromo-3-Chloropropane	<0.0037	*3	0.0037	0.0026	mg/Kg	☆	06/16/25 15:43	06/25/25 17:33	1
1,1-Dichloroethane	<0.0015		0.0015	0.00055	mg/Kg	☆	06/16/25 15:43	06/25/25 17:33	1
1,2-Dichloroethane	<0.0037		0.0037	0.00095	mg/Kg	☆	06/16/25 15:43	06/25/25 17:33	1
1,1-Dichloroethene	<0.0015		0.0015	0.00060	mg/Kg	☆	06/16/25 15:43	06/25/25 17:33	1
1,2-Dichloropropane	<0.0015		0.0015	0.00038	mg/Kg	☆	06/16/25 15:43	06/25/25 17:33	1
1,3-Dichloropropane, Total	<0.0015		0.0015	0.00070	mg/Kg	☆	06/16/25 15:43	06/25/25 17:33	1
Ethylbenzene	<0.0015		0.0015	0.00077	mg/Kg	☆	06/16/25 15:43	06/25/25 17:33	1
2-Hexanone	<0.0037		0.0037	0.0022	mg/Kg	☆	06/16/25 15:43	06/25/25 17:33	1
Methylene Chloride	<0.0037		0.0037	0.0016	mg/Kg	☆	06/16/25 15:43	06/25/25 17:33	1
4-Methyl-2-pentanone (MIBK)	<0.0037		0.0037	0.0026	mg/Kg	☆	06/16/25 15:43	06/25/25 17:33	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00047	mg/Kg	☆	06/16/25 15:43	06/25/25 17:33	1
Styrene	<0.0015		0.0015	0.00066	mg/Kg	☆	06/16/25 15:43	06/25/25 17:33	1
1,1,2,2-Tetrachloroethane	<0.0015	*3	0.0015	0.00073	mg/Kg	☆	06/16/25 15:43	06/25/25 17:33	1
Tetrachloroethene	<0.0015		0.0015	0.00082	mg/Kg	☆	06/16/25 15:43	06/25/25 17:33	1
Toluene	<0.0015		0.0015	0.00030	mg/Kg	☆	06/16/25 15:43	06/25/25 17:33	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00055	mg/Kg	☆	06/16/25 15:43	06/25/25 17:33	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00070	mg/Kg	☆	06/16/25 15:43	06/25/25 17:33	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00059	mg/Kg	☆	06/16/25 15:43	06/25/25 17:33	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00055	mg/Kg	☆	06/16/25 15:43	06/25/25 17:33	1
Trichloroethene	<0.0015		0.0015	0.00040	mg/Kg	☆	06/16/25 15:43	06/25/25 17:33	1
Vinyl acetate	<0.0037		0.0037	0.00088	mg/Kg	☆	06/16/25 15:43	06/25/25 17:33	1
Vinyl chloride	<0.0015		0.0015	0.00060	mg/Kg	☆	06/16/25 15:43	06/25/25 17:33	1
Xylenes, Total	<0.0029		0.0029	0.00050	mg/Kg	☆	06/16/25 15:43	06/25/25 17:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120	*3	75 - 131	06/16/25 15:43	06/25/25 17:33	1
Dibromofluoromethane	108		75 - 126	06/16/25 15:43	06/25/25 17:33	1
1,2-Dichloroethane-d4 (Surr)	111		70 - 134	06/16/25 15:43	06/25/25 17:33	1
Toluene-d8 (Surr)	106		75 - 124	06/16/25 15:43	06/25/25 17:33	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	☆	06/25/25 07:38	06/26/25 14:14	1
1,2-Dichlorobenzene	<0.20		0.20	0.016	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1
1,3-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B02 (0-5)D

Lab Sample ID: 500-270096-8

Date Collected: 06/16/25 11:40

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.0

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	0.018	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.028	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1
2,4,5-Trichlorophenol	<0.39		0.39	0.015	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1
2,4,6-Trichlorophenol	<0.39		0.39	0.013	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1
2,4-Dichlorophenol	<0.39		0.39	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1
2,4-Dimethylphenol	<0.39		0.39	0.087	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1
2,4-Dinitrophenol	<0.78		0.78	0.22	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1
2,4-Dinitrotoluene	<0.20		0.20	0.022	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1
2,6-Dinitrotoluene	<0.20		0.20	0.027	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1
2-Chloronaphthalene	<0.20		0.20	0.015	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1
2-Chlorophenol	<0.20		0.20	0.013	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1
2-Methylnaphthalene	<0.078		0.078	0.0078	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1
2-Methylphenol	<0.20		0.20	0.020	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1
2-Nitroaniline	<0.20		0.20	0.021	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1
2-Nitrophenol	<0.39		0.39	0.026	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1
3 & 4 Methylphenol	<0.20		0.20	0.028	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.17	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1
3-Nitroaniline	<0.39		0.39	0.018	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1
4,6-Dinitro-2-methylphenol	<0.78		0.78	0.22	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.027	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1
4-Chloro-3-methylphenol	<0.39		0.39	0.033	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1
4-Chloroaniline	<0.78		0.78	0.41	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.051	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1
4-Nitroaniline	<0.39		0.39	0.029	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1
4-Nitrophenol	<0.78		0.78	0.42	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1
Acenaphthene	<0.039		0.039	0.0079	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1
Acenaphthylene	<0.039		0.039	0.0066	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1
Anthracene	<0.039		0.039	0.0079	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1
Benzo[a]anthracene	0.011 J		0.039	0.0082	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1
Benzo[a]pyrene	<0.039		0.039	0.037	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1
Benzo[b]fluoranthene	<0.039		0.039	0.037	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1
Benzo[g,h,i]perylene	<0.039		0.039	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1
Benzo[k]fluoranthene	<0.039		0.039	0.015	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.018	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.15	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1
Butyl benzyl phthalate	<0.20		0.20	0.019	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1
Carbazole	<0.20		0.20	0.015	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1
Chrysene	<0.039		0.039	0.010	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1
Dibenz(a,h)anthracene	<0.039		0.039	0.039	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1
Dibenzofuran	<0.20		0.20	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1
Diethyl phthalate	<0.20		0.20	0.018	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1
Dimethyl phthalate	<0.20		0.20	0.0084	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1
Di-n-butyl phthalate	<0.20		0.20	0.012	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1
Di-n-octyl phthalate	<0.39		0.39	0.27	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1
Fluoranthene	<0.039		0.039	0.0090	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1
Fluorene	<0.039		0.039	0.011	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1
Hexachlorobenzene	<0.078		0.078	0.0074	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1
Hexachlorobutadiene	<0.20		0.20	0.022	mg/Kg	☆	06/25/25 07:38	06/26/25 14:14	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B02 (0-5)D

Lab Sample ID: 500-270096-8

Date Collected: 06/16/25 11:40

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	<0.78		0.78	0.41	mg/Kg	✱	06/25/25 07:38	06/26/25 14:14	1
Hexachloroethane	<0.20		0.20	0.019	mg/Kg	✱	06/25/25 07:38	06/26/25 14:14	1
Indeno[1,2,3-cd]pyrene	<0.039		0.039	0.038	mg/Kg	✱	06/25/25 07:38	06/26/25 14:14	1
Isophorone	<0.20		0.20	0.020	mg/Kg	✱	06/25/25 07:38	06/26/25 14:14	1
Naphthalene	<0.039		0.039	0.0070	mg/Kg	✱	06/25/25 07:38	06/26/25 14:14	1
Nitrobenzene	<0.039		0.039	0.012	mg/Kg	✱	06/25/25 07:38	06/26/25 14:14	1
N-Nitrosodi-n-propylamine	<0.078		0.078	0.022	mg/Kg	✱	06/25/25 07:38	06/26/25 14:14	1
N-Nitrosodiphenylamine	<0.20		0.20	0.077	mg/Kg	✱	06/25/25 07:38	06/26/25 14:14	1
Pentachlorophenol	<0.78		0.78	0.44	mg/Kg	✱	06/25/25 07:38	06/26/25 14:14	1
Phenanthrene	<0.039		0.039	0.0085	mg/Kg	✱	06/25/25 07:38	06/26/25 14:14	1
Phenol	<0.20		0.20	0.017	mg/Kg	✱	06/25/25 07:38	06/26/25 14:14	1
Pyrene	<0.039		0.039	0.011	mg/Kg	✱	06/25/25 07:38	06/26/25 14:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	79		31 - 166	06/25/25 07:38	06/26/25 14:14	1
Phenol-d5 (Surr)	84		30 - 153	06/25/25 07:38	06/26/25 14:14	1
Nitrobenzene-d5 (Surr)	91		37 - 147	06/25/25 07:38	06/26/25 14:14	1
2-Fluorobiphenyl (Surr)	82		43 - 145	06/25/25 07:38	06/26/25 14:14	1
2,4,6-Tribromophenol (Surr)	81		31 - 143	06/25/25 07:38	06/26/25 14:14	1
Terphenyl-d14 (Surr)	98		42 - 157	06/25/25 07:38	06/26/25 14:14	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.1		1.1	0.21	mg/Kg	✱	06/23/25 08:59	06/28/25 02:03	1
Arsenic	9.2		0.55	0.19	mg/Kg	✱	06/23/25 08:59	06/28/25 02:03	1
Barium	37		0.55	0.063	mg/Kg	✱	06/23/25 08:59	06/28/25 02:03	1
Beryllium	0.67		0.22	0.051	mg/Kg	✱	06/23/25 08:59	06/28/25 02:03	1
Boron	21		2.8	0.26	mg/Kg	✱	06/23/25 08:59	06/28/25 02:03	1
Cadmium	0.12		0.11	0.020	mg/Kg	✱	06/23/25 08:59	06/28/25 02:03	1
Chromium	19 B		0.55	0.27	mg/Kg	✱	06/23/25 08:59	06/28/25 02:03	1
Cobalt	14		0.28	0.072	mg/Kg	✱	06/23/25 08:59	06/28/25 02:03	1
Copper	22		0.55	0.15	mg/Kg	✱	06/23/25 08:59	06/28/25 02:03	1
Iron	19000		11	5.7	mg/Kg	✱	06/23/25 08:59	06/28/25 02:03	1
Lead	16		1.4	0.64	mg/Kg	✱	06/23/25 08:59	07/01/25 12:25	5
Magnesium	27000		5.5	2.7	mg/Kg	✱	06/23/25 08:59	06/28/25 02:03	1
Manganese	310		0.55	0.080	mg/Kg	✱	06/23/25 08:59	06/28/25 02:03	1
Nickel	29		0.55	0.16	mg/Kg	✱	06/23/25 08:59	06/28/25 02:03	1
Selenium	<0.55		0.55	0.32	mg/Kg	✱	06/23/25 08:59	06/30/25 22:12	1
Silver	<1.4		1.4	0.36	mg/Kg	✱	06/23/25 08:59	07/01/25 12:25	5
Thallium	0.36 J		0.55	0.27	mg/Kg	✱	06/23/25 08:59	06/28/25 02:03	1
Vanadium	26		0.28	0.065	mg/Kg	✱	06/23/25 08:59	06/28/25 02:03	1
Zinc	71		1.1	0.48	mg/Kg	✱	06/23/25 08:59	06/28/25 02:03	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		06/19/25 15:35	06/20/25 17:51	1
Barium	0.25 B		0.010	0.0012	mg/L		06/19/25 15:35	06/20/25 17:51	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		06/19/25 15:35	06/20/25 17:51	1
Boron	<0.50		0.50	0.0056	mg/L		06/19/25 15:35	06/20/25 17:51	1
Cadmium	0.0016 J		0.0050	0.00043	mg/L		06/19/25 15:35	06/20/25 17:51	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B02 (0-5)D

Lab Sample ID: 500-270096-8

Date Collected: 06/16/25 11:40

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.0

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		06/19/25 15:35	06/20/25 17:51	1
Cobalt	0.0038	J	0.0050	0.00078	mg/L		06/19/25 15:35	06/20/25 17:51	1
Copper	<0.010		0.010	0.0018	mg/L		06/19/25 15:35	06/20/25 17:51	1
Iron	0.16	J B	0.40	0.082	mg/L		06/19/25 15:35	06/20/25 17:51	1
Lead	<0.0075		0.0075	0.0027	mg/L		06/19/25 15:35	06/20/25 17:51	1
Manganese	1.1		0.010	0.0023	mg/L		06/19/25 15:35	06/20/25 17:51	1
Nickel	0.0069	J	0.010	0.0048	mg/L		06/19/25 15:35	06/20/25 17:51	1
Selenium	0.0098	J B	0.050	0.0053	mg/L		06/19/25 15:35	06/20/25 17:51	1
Silver	<0.0050		0.0050	0.0015	mg/L		06/19/25 15:35	06/20/25 17:51	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		06/19/25 15:35	06/20/25 17:51	1
Zinc	<0.50		0.50	0.0050	mg/L		06/19/25 15:35	06/20/25 17:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	0.63		0.010	0.0023	mg/L		06/19/25 13:59	06/20/25 16:52	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		06/19/25 15:35	06/25/25 13:14	1
Thallium	<0.0020		0.0020	0.0020	mg/L		06/19/25 15:35	06/25/25 13:14	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		06/23/25 11:05	06/24/25 11:06	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.022		0.018	0.0073	mg/Kg	☆	06/27/25 14:00	06/30/25 08:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.28		0.28	0.14	mg/Kg	☆	06/19/25 13:17	06/19/25 16:50	1
pH (SW846 9045D)	8.6		0.2	0.2	SU			06/20/25 13:47	1

Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B02 (5-10)

Lab Sample ID: 500-270096-9

Date Collected: 06/16/25 11:45

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.013		0.013	0.0054	mg/Kg	☆	06/16/25 15:43	06/27/25 14:27	1
Benzene	<0.0013		0.0013	0.00041	mg/Kg	☆	06/16/25 15:43	06/27/25 14:27	1
Bromodichloromethane	<0.0013		0.0013	0.00041	mg/Kg	☆	06/16/25 15:43	06/27/25 14:27	1
Bromoform	<0.0013		0.0013	0.00075	mg/Kg	☆	06/16/25 15:43	06/27/25 14:27	1
Bromomethane	<0.0032		0.0032	0.0016	mg/Kg	☆	06/16/25 15:43	06/27/25 14:27	1
2-Butanone (MEK)	<0.0032		0.0032	0.0014	mg/Kg	☆	06/16/25 15:43	06/27/25 14:27	1
Carbon disulfide	<0.0032		0.0032	0.00059	mg/Kg	☆	06/16/25 15:43	06/27/25 14:27	1
Carbon tetrachloride	<0.0013		0.0013	0.00044	mg/Kg	☆	06/16/25 15:43	06/27/25 14:27	1
Chlorobenzene	<0.0013		0.0013	0.00055	mg/Kg	☆	06/16/25 15:43	06/27/25 14:27	1
Chloroethane	<0.0032		0.0032	0.0011	mg/Kg	☆	06/16/25 15:43	06/27/25 14:27	1
Chloroform	<0.0013		0.0013	0.00093	mg/Kg	☆	06/16/25 15:43	06/27/25 14:27	1
Chloromethane	<0.0032		0.0032	0.00063	mg/Kg	☆	06/16/25 15:43	06/27/25 14:27	1
cis-1,2-Dichloroethene	<0.0013		0.0013	0.00052	mg/Kg	☆	06/16/25 15:43	06/27/25 14:27	1
cis-1,3-Dichloropropene	<0.0013		0.0013	0.00052	mg/Kg	☆	06/16/25 15:43	06/27/25 14:27	1
Dibromochloromethane	<0.0013		0.0013	0.00060	mg/Kg	☆	06/16/25 15:43	06/27/25 14:27	1
1,2-Dibromo-3-Chloropropane	<0.0032		0.0032	0.0023	mg/Kg	☆	06/16/25 15:43	06/27/25 14:27	1
1,1-Dichloroethane	<0.0013		0.0013	0.00049	mg/Kg	☆	06/16/25 15:43	06/27/25 14:27	1
1,2-Dichloroethane	<0.0032		0.0032	0.00084	mg/Kg	☆	06/16/25 15:43	06/27/25 14:27	1
1,1-Dichloroethene	<0.0013		0.0013	0.00053	mg/Kg	☆	06/16/25 15:43	06/27/25 14:27	1
1,2-Dichloropropane	<0.0013		0.0013	0.00033	mg/Kg	☆	06/16/25 15:43	06/27/25 14:27	1
1,3-Dichloropropene, Total	<0.0013		0.0013	0.00062	mg/Kg	☆	06/16/25 15:43	06/27/25 14:27	1
Ethylbenzene	<0.0013		0.0013	0.00068	mg/Kg	☆	06/16/25 15:43	06/27/25 14:27	1
2-Hexanone	<0.0032		0.0032	0.0020	mg/Kg	☆	06/16/25 15:43	06/27/25 14:27	1
Methylene Chloride	<0.0032		0.0032	0.0014	mg/Kg	☆	06/16/25 15:43	06/27/25 14:27	1
4-Methyl-2-pentanone (MIBK)	<0.0032		0.0032	0.0023	mg/Kg	☆	06/16/25 15:43	06/27/25 14:27	1
Methyl tert-butyl ether	<0.0013		0.0013	0.00042	mg/Kg	☆	06/16/25 15:43	06/27/25 14:27	1
Styrene	<0.0013		0.0013	0.00058	mg/Kg	☆	06/16/25 15:43	06/27/25 14:27	1
1,1,2,2-Tetrachloroethane	<0.0013		0.0013	0.00064	mg/Kg	☆	06/16/25 15:43	06/27/25 14:27	1
Tetrachloroethene	<0.0013		0.0013	0.00072	mg/Kg	☆	06/16/25 15:43	06/27/25 14:27	1
Toluene	<0.0013		0.0013	0.00026	mg/Kg	☆	06/16/25 15:43	06/27/25 14:27	1
trans-1,2-Dichloroethene	<0.0013		0.0013	0.00049	mg/Kg	☆	06/16/25 15:43	06/27/25 14:27	1
trans-1,3-Dichloropropene	<0.0013		0.0013	0.00062	mg/Kg	☆	06/16/25 15:43	06/27/25 14:27	1
1,1,1-Trichloroethane	<0.0013		0.0013	0.00052	mg/Kg	☆	06/16/25 15:43	06/27/25 14:27	1
1,1,2-Trichloroethane	<0.0013		0.0013	0.00048	mg/Kg	☆	06/16/25 15:43	06/27/25 14:27	1
Trichloroethene	<0.0013		0.0013	0.00035	mg/Kg	☆	06/16/25 15:43	06/27/25 14:27	1
Vinyl acetate	<0.0032		0.0032	0.00077	mg/Kg	☆	06/16/25 15:43	06/27/25 14:27	1
Vinyl chloride	<0.0013		0.0013	0.00053	mg/Kg	☆	06/16/25 15:43	06/27/25 14:27	1
Xylenes, Total	<0.0026		0.0026	0.00044	mg/Kg	☆	06/16/25 15:43	06/27/25 14:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		75 - 131	06/16/25 15:43	06/27/25 14:27	1
Dibromofluoromethane	98		75 - 126	06/16/25 15:43	06/27/25 14:27	1
1,2-Dichloroethane-d4 (Surr)	93		70 - 134	06/16/25 15:43	06/27/25 14:27	1
Toluene-d8 (Surr)	111		75 - 124	06/16/25 15:43	06/27/25 14:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.026	mg/Kg	☆	06/25/25 07:38	06/26/25 17:56	1
1,2-Dichlorobenzene	<0.18		0.18	0.015	mg/Kg	☆	06/25/25 07:38	06/26/25 17:56	1
1,3-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 17:56	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B02 (5-10)

Lab Sample ID: 500-270096-9

Date Collected: 06/16/25 11:45

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.9

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	✱	06/25/25 07:38	06/26/25 17:56	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.026	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
2,4,5-Trichlorophenol	<0.37		0.37	0.014	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
2,4,6-Trichlorophenol	<0.37		0.37	0.012	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
2,4-Dichlorophenol	<0.37		0.37	0.013	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
2,4-Dimethylphenol	<0.37		0.37	0.082	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
2,4-Dinitrophenol	<0.74		0.74	0.21	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
2,4-Dinitrotoluene	<0.18		0.18	0.021	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
2,6-Dinitrotoluene	<0.18		0.18	0.026	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
2-Chloronaphthalene	<0.18		0.18	0.014	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
2-Chlorophenol	<0.18		0.18	0.012	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
2-Methylnaphthalene	<0.074		0.074	0.0074	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
2-Methylphenol	<0.18		0.18	0.019	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
2-Nitroaniline	<0.18		0.18	0.020	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
2-Nitrophenol	<0.37		0.37	0.025	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
3 & 4 Methylphenol	<0.18		0.18	0.027	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.16	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
3-Nitroaniline	<0.37		0.37	0.017	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
4,6-Dinitro-2-methylphenol	<0.74		0.74	0.21	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.025	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
4-Chloro-3-methylphenol	<0.37		0.37	0.031	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
4-Chloroaniline	<0.74		0.74	0.38	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.048	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
4-Nitroaniline	<0.37		0.37	0.027	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
4-Nitrophenol	<0.74		0.74	0.40	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
Acenaphthene	<0.037		0.037	0.0075	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
Acenaphthylene	<0.037		0.037	0.0062	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
Anthracene	<0.037		0.037	0.0075	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
Benzo[a]anthracene	0.010 J		0.037	0.0078	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
Benzo[a]pyrene	<0.037		0.037	0.035	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
Benzo[b]fluoranthene	<0.037		0.037	0.035	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
Benzo[g,h,i]perylene	0.017 J		0.037	0.016	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
Benzo[k]fluoranthene	<0.037		0.037	0.014	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.014	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.017	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.14	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
Butyl benzyl phthalate	<0.18		0.18	0.018	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
Carbazole	<0.18		0.18	0.014	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
Chrysene	0.019 J		0.037	0.0097	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
Dibenz(a,h)anthracene	<0.037		0.037	0.037	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
Dibenzofuran	0.017 J		0.18	0.013	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
Diethyl phthalate	<0.18		0.18	0.017	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
Dimethyl phthalate	<0.18		0.18	0.0080	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
Di-n-butyl phthalate	<0.18		0.18	0.012	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
Di-n-octyl phthalate	<0.37		0.37	0.26	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
Fluoranthene	<0.037		0.037	0.0085	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
Fluorene	<0.037		0.037	0.011	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
Hexachlorobenzene	<0.074		0.074	0.0070	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
Hexachlorobutadiene	<0.18		0.18	0.021	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B02 (5-10)

Lab Sample ID: 500-270096-9

Date Collected: 06/16/25 11:45

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	<0.74		0.74	0.39	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
Hexachloroethane	<0.18		0.18	0.018	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
Indeno[1,2,3-cd]pyrene	<0.037		0.037	0.036	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
Isophorone	<0.18		0.18	0.019	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
Naphthalene	<0.037		0.037	0.0066	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
Nitrobenzene	<0.037		0.037	0.012	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
N-Nitrosodi-n-propylamine	<0.074		0.074	0.021	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
N-Nitrosodiphenylamine	<0.18		0.18	0.073	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
Pentachlorophenol	<0.74		0.74	0.41	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
Phenanthrene	0.035	J	0.037	0.0080	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
Phenol	<0.18		0.18	0.016	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1
Pyrene	0.013	J	0.037	0.010	mg/Kg	✱	06/25/25 07:38	06/26/25 17:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	81		31 - 166	06/25/25 07:38	06/26/25 17:56	1
Phenol-d5 (Surr)	85		30 - 153	06/25/25 07:38	06/26/25 17:56	1
Nitrobenzene-d5 (Surr)	97		37 - 147	06/25/25 07:38	06/26/25 17:56	1
2-Fluorobiphenyl (Surr)	86		43 - 145	06/25/25 07:38	06/26/25 17:56	1
2,4,6-Tribromophenol (Surr)	54		31 - 143	06/25/25 07:38	06/26/25 17:56	1
Terphenyl-d14 (Surr)	86		42 - 157	06/25/25 07:38	06/26/25 17:56	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.1		1.1	0.21	mg/Kg	✱	06/20/25 16:12	06/26/25 04:02	1
Arsenic	6.0		0.55	0.19	mg/Kg	✱	06/20/25 16:12	06/26/25 04:02	1
Barium	40		2.7	0.31	mg/Kg	✱	06/20/25 16:12	06/27/25 15:54	5
Beryllium	0.33		0.22	0.051	mg/Kg	✱	06/20/25 16:12	06/26/25 04:02	1
Boron	17	B	2.7	0.26	mg/Kg	✱	06/20/25 16:12	06/26/25 04:02	1
Cadmium	0.25		0.11	0.020	mg/Kg	✱	06/20/25 16:12	06/26/25 04:02	1
Chromium	16		0.55	0.27	mg/Kg	✱	06/20/25 16:12	06/26/25 04:02	1
Cobalt	12		0.27	0.072	mg/Kg	✱	06/20/25 16:12	06/26/25 04:02	1
Copper	23		0.55	0.15	mg/Kg	✱	06/20/25 16:12	06/26/25 04:02	1
Iron	21000		55	28	mg/Kg	✱	06/20/25 16:12	06/27/25 15:54	5
Lead	14		1.4	0.63	mg/Kg	✱	06/20/25 16:12	06/27/25 15:54	5
Magnesium	44000		27	14	mg/Kg	✱	06/20/25 16:12	06/27/25 15:54	5
Manganese	390		0.55	0.079	mg/Kg	✱	06/20/25 16:12	06/27/25 14:35	1
Nickel	30		0.55	0.16	mg/Kg	✱	06/20/25 16:12	06/26/25 04:02	1
Selenium	0.65		0.55	0.32	mg/Kg	✱	06/20/25 16:12	06/26/25 04:02	1
Silver	<0.27		0.27	0.071	mg/Kg	✱	06/20/25 16:12	06/27/25 14:35	1
Thallium	2.2		0.55	0.27	mg/Kg	✱	06/20/25 16:12	06/26/25 04:02	1
Vanadium	17		0.27	0.065	mg/Kg	✱	06/20/25 16:12	06/26/25 04:02	1
Zinc	75	B	1.1	0.48	mg/Kg	✱	06/20/25 16:12	06/27/25 14:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0044	J B	0.010	0.0037	mg/L		06/19/25 15:35	06/20/25 17:55	1
Barium	0.46	B	0.010	0.0012	mg/L		06/19/25 15:35	06/20/25 17:55	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		06/19/25 15:35	06/20/25 17:55	1
Boron	<0.50		0.50	0.0056	mg/L		06/19/25 15:35	06/20/25 17:55	1
Cadmium	0.0011	J	0.0050	0.00043	mg/L		06/19/25 15:35	06/20/25 17:55	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B02 (5-10)

Lab Sample ID: 500-270096-9

Date Collected: 06/16/25 11:45

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.9

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		06/19/25 15:35	06/20/25 17:55	1
Cobalt	0.024		0.0050	0.00078	mg/L		06/19/25 15:35	06/20/25 17:55	1
Copper	0.0040	J	0.010	0.0018	mg/L		06/19/25 15:35	06/20/25 17:55	1
Iron	0.10	J B	0.40	0.082	mg/L		06/19/25 15:35	06/20/25 17:55	1
Lead	<0.0075		0.0075	0.0027	mg/L		06/19/25 15:35	06/20/25 17:55	1
Manganese	2.1		0.010	0.0023	mg/L		06/19/25 15:35	06/20/25 17:55	1
Nickel	0.053		0.010	0.0048	mg/L		06/19/25 15:35	06/20/25 17:55	1
Selenium	0.0089	J B	0.050	0.0053	mg/L		06/19/25 15:35	06/20/25 17:55	1
Silver	<0.0050		0.0050	0.0015	mg/L		06/19/25 15:35	06/20/25 17:55	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		06/19/25 15:35	06/20/25 17:55	1
Zinc	0.0057	J	0.50	0.0050	mg/L		06/19/25 15:35	06/20/25 17:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	0.077		0.010	0.0023	mg/L		06/19/25 13:59	06/20/25 16:56	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		06/19/25 15:35	06/25/25 13:26	1
Thallium	<0.0020		0.0020	0.0020	mg/L		06/19/25 15:35	06/25/25 13:26	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		06/23/25 11:05	06/24/25 11:08	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.021		0.018	0.0073	mg/Kg	☆	06/27/25 14:00	06/30/25 08:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.25		0.25	0.12	mg/Kg	☆	06/19/25 13:17	06/19/25 16:51	1
pH (SW846 9045D)	6.9		0.2	0.2	SU			06/20/25 13:44	1

Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B03 (0-5)

Lab Sample ID: 500-270096-10

Date Collected: 06/16/25 11:55

Matrix: Solid

Date Received: 06/16/25 14:40

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	<0.014		0.014	0.0059	mg/Kg	☆	06/16/25 15:43	06/25/25 12:03	1
Benzene	<0.0014		0.0014	0.00044	mg/Kg	☆	06/16/25 15:43	06/25/25 12:03	1
Bromodichloromethane	<0.0014		0.0014	0.00045	mg/Kg	☆	06/16/25 15:43	06/25/25 12:03	1
Bromoform	<0.0014	*3	0.0014	0.00082	mg/Kg	☆	06/16/25 15:43	06/25/25 12:03	1
Bromomethane	<0.0035	*-	0.0035	0.0017	mg/Kg	☆	06/16/25 15:43	06/25/25 12:03	1
2-Butanone (MEK)	<0.0035		0.0035	0.0015	mg/Kg	☆	06/16/25 15:43	06/25/25 12:03	1
Carbon disulfide	<0.0035		0.0035	0.00065	mg/Kg	☆	06/16/25 15:43	06/25/25 12:03	1
Carbon tetrachloride	<0.0014		0.0014	0.00048	mg/Kg	☆	06/16/25 15:43	06/25/25 12:03	1
Chlorobenzene	<0.0014	*3	0.0014	0.00059	mg/Kg	☆	06/16/25 15:43	06/25/25 12:03	1
Chloroethane	<0.0035		0.0035	0.0012	mg/Kg	☆	06/16/25 15:43	06/25/25 12:03	1
Chloroform	<0.0014		0.0014	0.0010	mg/Kg	☆	06/16/25 15:43	06/25/25 12:03	1
Chloromethane	<0.0035		0.0035	0.00068	mg/Kg	☆	06/16/25 15:43	06/25/25 12:03	1
cis-1,2-Dichloroethene	<0.0014		0.0014	0.00057	mg/Kg	☆	06/16/25 15:43	06/25/25 12:03	1
cis-1,3-Dichloropropene	<0.0014	*3	0.0014	0.00056	mg/Kg	☆	06/16/25 15:43	06/25/25 12:03	1
Dibromochloromethane	<0.0014	*3	0.0014	0.00065	mg/Kg	☆	06/16/25 15:43	06/25/25 12:03	1
1,2-Dibromo-3-Chloropropane	<0.0035	*3	0.0035	0.0025	mg/Kg	☆	06/16/25 15:43	06/25/25 12:03	1
1,1-Dichloroethane	<0.0014		0.0014	0.00053	mg/Kg	☆	06/16/25 15:43	06/25/25 12:03	1
1,2-Dichloroethane	<0.0035		0.0035	0.00091	mg/Kg	☆	06/16/25 15:43	06/25/25 12:03	1
1,1-Dichloroethene	<0.0014		0.0014	0.00058	mg/Kg	☆	06/16/25 15:43	06/25/25 12:03	1
1,2-Dichloropropane	<0.0014		0.0014	0.00036	mg/Kg	☆	06/16/25 15:43	06/25/25 12:03	1
1,3-Dichloropropene, Total	<0.0014		0.0014	0.00067	mg/Kg	☆	06/16/25 15:43	06/25/25 12:03	1
Ethylbenzene	<0.0014	*3	0.0014	0.00074	mg/Kg	☆	06/16/25 15:43	06/25/25 12:03	1
2-Hexanone	<0.0035	*3	0.0035	0.0021	mg/Kg	☆	06/16/25 15:43	06/25/25 12:03	1
Methylene Chloride	0.0047		0.0035	0.0015	mg/Kg	☆	06/16/25 15:43	06/25/25 12:03	1
4-Methyl-2-pentanone (MIBK)	<0.0035		0.0035	0.0025	mg/Kg	☆	06/16/25 15:43	06/25/25 12:03	1
Methyl tert-butyl ether	<0.0014		0.0014	0.00045	mg/Kg	☆	06/16/25 15:43	06/25/25 12:03	1
Styrene	<0.0014	*3	0.0014	0.00063	mg/Kg	☆	06/16/25 15:43	06/25/25 12:03	1
1,1,2,2-Tetrachloroethane	<0.0014	*3	0.0014	0.00070	mg/Kg	☆	06/16/25 15:43	06/25/25 12:03	1
Tetrachloroethene	<0.0014	*3	0.0014	0.00079	mg/Kg	☆	06/16/25 15:43	06/25/25 12:03	1
Toluene	<0.0014	*3	0.0014	0.00028	mg/Kg	☆	06/16/25 15:43	06/25/25 12:03	1
trans-1,2-Dichloroethene	<0.0014		0.0014	0.00053	mg/Kg	☆	06/16/25 15:43	06/25/25 12:03	1
trans-1,3-Dichloropropene	<0.0014	*3	0.0014	0.00067	mg/Kg	☆	06/16/25 15:43	06/25/25 12:03	1
1,1,1-Trichloroethane	<0.0014		0.0014	0.00057	mg/Kg	☆	06/16/25 15:43	06/25/25 12:03	1
1,1,2-Trichloroethane	<0.0014	*3	0.0014	0.00053	mg/Kg	☆	06/16/25 15:43	06/25/25 12:03	1
Trichloroethene	<0.0014		0.0014	0.00038	mg/Kg	☆	06/16/25 15:43	06/25/25 12:03	1
Vinyl acetate	<0.0035		0.0035	0.00084	mg/Kg	☆	06/16/25 15:43	06/25/25 12:03	1
Vinyl chloride	<0.0014		0.0014	0.00057	mg/Kg	☆	06/16/25 15:43	06/25/25 12:03	1
Xylenes, Total	<0.0028		0.0028	0.00048	mg/Kg	☆	06/16/25 15:43	06/25/25 12:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+ *3	75 - 131	06/16/25 15:43	06/25/25 12:03	1
Dibromofluoromethane	108		75 - 126	06/16/25 15:43	06/25/25 12:03	1
1,2-Dichloroethane-d4 (Surr)	109		70 - 134	06/16/25 15:43	06/25/25 12:03	1
Toluene-d8 (Surr)	128	S1+ *3	75 - 124	06/16/25 15:43	06/25/25 12:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.028	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1
1,2-Dichlorobenzene	<0.20		0.20	0.016	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1
1,3-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B03 (0-5)

Lab Sample ID: 500-270096-10

Date Collected: 06/16/25 11:55

Matrix: Solid

Date Received: 06/16/25 14:40

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	0.018	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.028	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1
2,4,5-Trichlorophenol	<0.39		0.39	0.015	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1
2,4,6-Trichlorophenol	<0.39		0.39	0.013	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1
2,4-Dichlorophenol	<0.39		0.39	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1
2,4-Dimethylphenol	<0.39		0.39	0.087	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1
2,4-Dinitrophenol	<0.79		0.79	0.23	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1
2,4-Dinitrotoluene	<0.20		0.20	0.022	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1
2,6-Dinitrotoluene	<0.20		0.20	0.027	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1
2-Chloronaphthalene	<0.20		0.20	0.015	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1
2-Chlorophenol	<0.20		0.20	0.013	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1
2-Methylnaphthalene	<0.079		0.079	0.0078	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1
2-Methylphenol	<0.20		0.20	0.021	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1
2-Nitroaniline	<0.20		0.20	0.021	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1
2-Nitrophenol	<0.39		0.39	0.026	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1
3 & 4 Methylphenol	<0.20		0.20	0.029	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.17	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1
3-Nitroaniline	<0.39		0.39	0.018	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.22	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.027	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1
4-Chloro-3-methylphenol	<0.39		0.39	0.033	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1
4-Chloroaniline	<0.79		0.79	0.41	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.051	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1
4-Nitroaniline	<0.39		0.39	0.029	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1
4-Nitrophenol	<0.79		0.79	0.42	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1
Acenaphthene	<0.039		0.039	0.0079	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1
Acenaphthylene	<0.039		0.039	0.0066	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1
Anthracene	<0.039		0.039	0.0080	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1
Benzo[a]anthracene	<0.039		0.039	0.0083	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1
Benzo[a]pyrene	<0.039		0.039	0.038	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1
Benzo[b]fluoranthene	<0.039		0.039	0.037	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1
Benzo[g,h,i]perylene	<0.039		0.039	0.018	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1
Benzo[k]fluoranthene	<0.039		0.039	0.015	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.018	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.15	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1
Butyl benzyl phthalate	<0.20		0.20	0.019	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1
Carbazole	<0.20		0.20	0.015	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1
Chrysene	<0.039		0.039	0.010	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1
Dibenz(a,h)anthracene	<0.039		0.039	0.039	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1
Dibenzofuran	<0.20		0.20	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1
Diethyl phthalate	<0.20		0.20	0.018	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1
Dimethyl phthalate	<0.20		0.20	0.0085	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1
Di-n-butyl phthalate	<0.20		0.20	0.012	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1
Di-n-octyl phthalate	<0.39		0.39	0.27	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1
Fluoranthene	<0.039		0.039	0.0091	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1
Fluorene	<0.039		0.039	0.012	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1
Hexachlorobenzene	<0.079		0.079	0.0075	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1
Hexachlorobutadiene	<0.20		0.20	0.022	mg/Kg	☆	06/25/25 07:38	06/26/25 18:21	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B03 (0-5)

Lab Sample ID: 500-270096-10

Date Collected: 06/16/25 11:55

Matrix: Solid

Date Received: 06/16/25 14:40

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	<0.79		0.79	0.41	mg/Kg	✱	06/25/25 07:38	06/26/25 18:21	1
Hexachloroethane	<0.20		0.20	0.020	mg/Kg	✱	06/25/25 07:38	06/26/25 18:21	1
Indeno[1,2,3-cd]pyrene	<0.039		0.039	0.038	mg/Kg	✱	06/25/25 07:38	06/26/25 18:21	1
Isophorone	<0.20		0.20	0.020	mg/Kg	✱	06/25/25 07:38	06/26/25 18:21	1
Naphthalene	<0.039		0.039	0.0071	mg/Kg	✱	06/25/25 07:38	06/26/25 18:21	1
Nitrobenzene	<0.039		0.039	0.012	mg/Kg	✱	06/25/25 07:38	06/26/25 18:21	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.022	mg/Kg	✱	06/25/25 07:38	06/26/25 18:21	1
N-Nitrosodiphenylamine	<0.20		0.20	0.077	mg/Kg	✱	06/25/25 07:38	06/26/25 18:21	1
Pentachlorophenol	<0.79		0.79	0.44	mg/Kg	✱	06/25/25 07:38	06/26/25 18:21	1
Phenanthrene	<0.039		0.039	0.0085	mg/Kg	✱	06/25/25 07:38	06/26/25 18:21	1
Phenol	<0.20		0.20	0.017	mg/Kg	✱	06/25/25 07:38	06/26/25 18:21	1
Pyrene	<0.039		0.039	0.011	mg/Kg	✱	06/25/25 07:38	06/26/25 18:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	79		31 - 166	06/25/25 07:38	06/26/25 18:21	1
Phenol-d5 (Surr)	86		30 - 153	06/25/25 07:38	06/26/25 18:21	1
Nitrobenzene-d5 (Surr)	94		37 - 147	06/25/25 07:38	06/26/25 18:21	1
2-Fluorobiphenyl (Surr)	88		43 - 145	06/25/25 07:38	06/26/25 18:21	1
2,4,6-Tribromophenol (Surr)	85		31 - 143	06/25/25 07:38	06/26/25 18:21	1
Terphenyl-d14 (Surr)	97		42 - 157	06/25/25 07:38	06/26/25 18:21	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	✱	06/20/25 16:12	06/26/25 04:06	1
Arsenic	12		0.57	0.19	mg/Kg	✱	06/20/25 16:12	06/26/25 04:06	1
Barium	45		2.8	0.32	mg/Kg	✱	06/20/25 16:12	06/27/25 15:58	5
Beryllium	0.66		0.23	0.053	mg/Kg	✱	06/20/25 16:12	06/26/25 04:06	1
Boron	19 B		2.8	0.26	mg/Kg	✱	06/20/25 16:12	06/26/25 04:06	1
Cadmium	0.11		0.11	0.020	mg/Kg	✱	06/20/25 16:12	06/26/25 04:06	1
Chromium	17		0.57	0.28	mg/Kg	✱	06/20/25 16:12	06/26/25 04:06	1
Cobalt	19		0.28	0.074	mg/Kg	✱	06/20/25 16:12	06/26/25 04:06	1
Copper	24		0.57	0.16	mg/Kg	✱	06/20/25 16:12	06/26/25 04:06	1
Iron	27000		57	30	mg/Kg	✱	06/20/25 16:12	06/27/25 15:58	5
Lead	15		1.4	0.66	mg/Kg	✱	06/20/25 16:12	06/27/25 15:58	5
Magnesium	41000		28	14	mg/Kg	✱	06/20/25 16:12	06/27/25 15:58	5
Manganese	500		0.57	0.082	mg/Kg	✱	06/20/25 16:12	06/27/25 14:48	1
Nickel	38		0.57	0.17	mg/Kg	✱	06/20/25 16:12	06/26/25 04:06	1
Selenium	0.46 J		0.57	0.33	mg/Kg	✱	06/20/25 16:12	06/26/25 04:06	1
Silver	<0.28		0.28	0.073	mg/Kg	✱	06/20/25 16:12	06/26/25 04:06	1
Thallium	2.3		0.57	0.28	mg/Kg	✱	06/20/25 16:12	06/26/25 04:06	1
Vanadium	22		0.28	0.067	mg/Kg	✱	06/20/25 16:12	06/26/25 04:06	1
Zinc	63 B		1.1	0.50	mg/Kg	✱	06/20/25 16:12	06/27/25 14:48	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		06/19/25 15:35	06/20/25 18:00	1
Barium	0.30 B		0.010	0.0012	mg/L		06/19/25 15:35	06/20/25 18:00	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		06/19/25 15:35	06/20/25 18:00	1
Boron	<0.50		0.50	0.0056	mg/L		06/19/25 15:35	06/20/25 18:00	1
Cadmium	0.0017 J		0.0050	0.00043	mg/L		06/19/25 15:35	06/20/25 18:00	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B03 (0-5)

Lab Sample ID: 500-270096-10

Date Collected: 06/16/25 11:55

Matrix: Solid

Date Received: 06/16/25 14:40

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		06/19/25 15:35	06/20/25 18:00	1
Cobalt	0.0029	J	0.0050	0.00078	mg/L		06/19/25 15:35	06/20/25 18:00	1
Copper	<0.010		0.010	0.0018	mg/L		06/19/25 15:35	06/20/25 18:00	1
Iron	0.18	J B	0.40	0.082	mg/L		06/19/25 15:35	06/20/25 18:00	1
Lead	<0.0075		0.0075	0.0027	mg/L		06/19/25 15:35	06/20/25 18:00	1
Manganese	1.1		0.010	0.0023	mg/L		06/19/25 15:35	06/20/25 18:00	1
Nickel	0.0050	J	0.010	0.0048	mg/L		06/19/25 15:35	06/20/25 18:00	1
Selenium	0.0087	J B	0.050	0.0053	mg/L		06/19/25 15:35	06/20/25 18:00	1
Silver	<0.0050		0.0050	0.0015	mg/L		06/19/25 15:35	06/20/25 18:00	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		06/19/25 15:35	06/20/25 18:00	1
Zinc	<0.50		0.50	0.0050	mg/L		06/19/25 15:35	06/20/25 18:00	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		06/19/25 13:59	06/20/25 17:01	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		06/19/25 15:35	06/25/25 13:30	1
Thallium	<0.0020		0.0020	0.0020	mg/L		06/19/25 15:35	06/25/25 13:30	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		06/23/25 11:05	06/24/25 11:10	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.019		0.018	0.0075	mg/Kg	☆	06/27/25 14:00	06/30/25 08:52	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	☆	06/19/25 13:17	06/19/25 16:51	1
pH (SW846 9045D)	7.3		0.2	0.2	SU			06/20/25 13:49	1

Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B03 (5-10)

Lab Sample ID: 500-270096-11

Date Collected: 06/16/25 12:00

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0067	mg/Kg	☆	06/16/25 15:43	06/25/25 12:28	1
Benzene	<0.0016		0.0016	0.00050	mg/Kg	☆	06/16/25 15:43	06/25/25 12:28	1
Bromodichloromethane	<0.0016		0.0016	0.00051	mg/Kg	☆	06/16/25 15:43	06/25/25 12:28	1
Bromoform	<0.0016	*3	0.0016	0.00093	mg/Kg	☆	06/16/25 15:43	06/25/25 12:28	1
Bromomethane	<0.0040	*-	0.0040	0.0020	mg/Kg	☆	06/16/25 15:43	06/25/25 12:28	1
2-Butanone (MEK)	<0.0040		0.0040	0.0017	mg/Kg	☆	06/16/25 15:43	06/25/25 12:28	1
Carbon disulfide	0.0015	J	0.0040	0.00073	mg/Kg	☆	06/16/25 15:43	06/25/25 12:28	1
Carbon tetrachloride	<0.0016		0.0016	0.00054	mg/Kg	☆	06/16/25 15:43	06/25/25 12:28	1
Chlorobenzene	<0.0016	*3	0.0016	0.00067	mg/Kg	☆	06/16/25 15:43	06/25/25 12:28	1
Chloroethane	<0.0040		0.0040	0.0013	mg/Kg	☆	06/16/25 15:43	06/25/25 12:28	1
Chloroform	<0.0016		0.0016	0.0011	mg/Kg	☆	06/16/25 15:43	06/25/25 12:28	1
Chloromethane	<0.0040		0.0040	0.00077	mg/Kg	☆	06/16/25 15:43	06/25/25 12:28	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00064	mg/Kg	☆	06/16/25 15:43	06/25/25 12:28	1
cis-1,3-Dichloropropene	<0.0016	*3	0.0016	0.00064	mg/Kg	☆	06/16/25 15:43	06/25/25 12:28	1
Dibromochloromethane	<0.0016	*3	0.0016	0.00074	mg/Kg	☆	06/16/25 15:43	06/25/25 12:28	1
1,2-Dibromo-3-Chloropropane	<0.0040	*3	0.0040	0.0028	mg/Kg	☆	06/16/25 15:43	06/25/25 12:28	1
1,1-Dichloroethane	<0.0016		0.0016	0.00060	mg/Kg	☆	06/16/25 15:43	06/25/25 12:28	1
1,2-Dichloroethane	<0.0040		0.0040	0.0010	mg/Kg	☆	06/16/25 15:43	06/25/25 12:28	1
1,1-Dichloroethene	<0.0016		0.0016	0.00065	mg/Kg	☆	06/16/25 15:43	06/25/25 12:28	1
1,2-Dichloropropane	<0.0016		0.0016	0.00041	mg/Kg	☆	06/16/25 15:43	06/25/25 12:28	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00076	mg/Kg	☆	06/16/25 15:43	06/25/25 12:28	1
Ethylbenzene	<0.0016	*3	0.0016	0.00084	mg/Kg	☆	06/16/25 15:43	06/25/25 12:28	1
2-Hexanone	<0.0040	*3	0.0040	0.0024	mg/Kg	☆	06/16/25 15:43	06/25/25 12:28	1
Methylene Chloride	0.0017	J	0.0040	0.0017	mg/Kg	☆	06/16/25 15:43	06/25/25 12:28	1
4-Methyl-2-pentanone (MIBK)	<0.0040		0.0040	0.0028	mg/Kg	☆	06/16/25 15:43	06/25/25 12:28	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00051	mg/Kg	☆	06/16/25 15:43	06/25/25 12:28	1
Styrene	<0.0016	*3	0.0016	0.00072	mg/Kg	☆	06/16/25 15:43	06/25/25 12:28	1
1,1,2,2-Tetrachloroethane	<0.0016	*3	0.0016	0.00079	mg/Kg	☆	06/16/25 15:43	06/25/25 12:28	1
Tetrachloroethene	<0.0016	*3	0.0016	0.00089	mg/Kg	☆	06/16/25 15:43	06/25/25 12:28	1
Toluene	<0.0016	*3	0.0016	0.00032	mg/Kg	☆	06/16/25 15:43	06/25/25 12:28	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00060	mg/Kg	☆	06/16/25 15:43	06/25/25 12:28	1
trans-1,3-Dichloropropene	<0.0016	*3	0.0016	0.00076	mg/Kg	☆	06/16/25 15:43	06/25/25 12:28	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00064	mg/Kg	☆	06/16/25 15:43	06/25/25 12:28	1
1,1,2-Trichloroethane	<0.0016	*3	0.0016	0.00060	mg/Kg	☆	06/16/25 15:43	06/25/25 12:28	1
Trichloroethene	<0.0016		0.0016	0.00043	mg/Kg	☆	06/16/25 15:43	06/25/25 12:28	1
Vinyl acetate	<0.0040		0.0040	0.00095	mg/Kg	☆	06/16/25 15:43	06/25/25 12:28	1
Vinyl chloride	<0.0016		0.0016	0.00065	mg/Kg	☆	06/16/25 15:43	06/25/25 12:28	1
Xylenes, Total	<0.0032		0.0032	0.00055	mg/Kg	☆	06/16/25 15:43	06/25/25 12:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	143	S1+ *3	75 - 131	06/16/25 15:43	06/25/25 12:28	1
Dibromofluoromethane	105		75 - 126	06/16/25 15:43	06/25/25 12:28	1
1,2-Dichloroethane-d4 (Surr)	100		70 - 134	06/16/25 15:43	06/25/25 12:28	1
Toluene-d8 (Surr)	135	S1+ *3	75 - 124	06/16/25 15:43	06/25/25 12:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.027	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1
1,2-Dichlorobenzene	<0.19		0.19	0.015	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B03 (5-10)

Lab Sample ID: 500-270096-11

Date Collected: 06/16/25 12:00

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	<0.19		0.19	0.018	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.027	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1
2,4,5-Trichlorophenol	<0.37		0.37	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1
2,4,6-Trichlorophenol	<0.37		0.37	0.013	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1
2,4-Dichlorophenol	<0.37		0.37	0.013	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1
2,4-Dimethylphenol	<0.37		0.37	0.083	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1
2,4-Dinitrophenol	<0.75		0.75	0.21	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1
2,4-Dinitrotoluene	<0.19		0.19	0.021	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1
2,6-Dinitrotoluene	<0.19		0.19	0.026	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1
2-Methylnaphthalene	0.026	J	0.075	0.0074	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1
2-Methylphenol	<0.19		0.19	0.020	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1
2-Nitroaniline	<0.19		0.19	0.020	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1
2-Nitrophenol	<0.37		0.37	0.025	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1
3 & 4 Methylphenol	<0.19		0.19	0.027	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.16	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1
3-Nitroaniline	<0.37		0.37	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.21	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.025	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1
4-Chloro-3-methylphenol	<0.37		0.37	0.031	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1
4-Chloroaniline	<0.75		0.75	0.39	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1
4-Nitroaniline	<0.37		0.37	0.027	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1
4-Nitrophenol	<0.75		0.75	0.40	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1
Acenaphthene	<0.037		0.037	0.0075	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1
Acenaphthylene	<0.037		0.037	0.0063	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1
Anthracene	<0.037		0.037	0.0076	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1
Benzo[a]anthracene	0.011	J	0.037	0.0079	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1
Benzo[a]pyrene	<0.037		0.037	0.036	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1
Benzo[b]fluoranthene	<0.037		0.037	0.035	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1
Benzo[g,h,i]perylene	<0.037		0.037	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1
Benzo[k]fluoranthene	<0.037		0.037	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.15	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1
Butyl benzyl phthalate	<0.19		0.19	0.018	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1
Carbazole	<0.19		0.19	0.015	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1
Chrysene	0.021	J	0.037	0.0098	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1
Dibenz(a,h)anthracene	<0.037		0.037	0.037	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1
Dibenzofuran	<0.19		0.19	0.013	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1
Diethyl phthalate	<0.19		0.19	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1
Dimethyl phthalate	<0.19		0.19	0.0081	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1
Di-n-octyl phthalate	<0.37		0.37	0.26	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1
Fluoranthene	<0.037		0.037	0.0086	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1
Fluorene	<0.037		0.037	0.011	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1
Hexachlorobenzene	<0.075		0.075	0.0071	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1
Hexachlorobutadiene	<0.19		0.19	0.021	mg/Kg	☆	06/25/25 07:38	06/26/25 18:46	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B03 (5-10)

Lab Sample ID: 500-270096-11

Date Collected: 06/16/25 12:00

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.1

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	✱	06/25/25 07:38	06/26/25 18:46	1
Hexachloroethane	<0.19		0.19	0.019	mg/Kg	✱	06/25/25 07:38	06/26/25 18:46	1
Indeno[1,2,3-cd]pyrene	<0.037		0.037	0.036	mg/Kg	✱	06/25/25 07:38	06/26/25 18:46	1
Isophorone	<0.19		0.19	0.019	mg/Kg	✱	06/25/25 07:38	06/26/25 18:46	1
Naphthalene	<0.037		0.037	0.0067	mg/Kg	✱	06/25/25 07:38	06/26/25 18:46	1
Nitrobenzene	<0.037		0.037	0.012	mg/Kg	✱	06/25/25 07:38	06/26/25 18:46	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.021	mg/Kg	✱	06/25/25 07:38	06/26/25 18:46	1
N-Nitrosodiphenylamine	<0.19		0.19	0.073	mg/Kg	✱	06/25/25 07:38	06/26/25 18:46	1
Pentachlorophenol	<0.75		0.75	0.42	mg/Kg	✱	06/25/25 07:38	06/26/25 18:46	1
Phenanthrene	0.060		0.037	0.0081	mg/Kg	✱	06/25/25 07:38	06/26/25 18:46	1
Phenol	<0.19		0.19	0.016	mg/Kg	✱	06/25/25 07:38	06/26/25 18:46	1
Pyrene	0.013	J	0.037	0.010	mg/Kg	✱	06/25/25 07:38	06/26/25 18:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	66		31 - 166	06/25/25 07:38	06/26/25 18:46	1
Phenol-d5 (Surr)	71		30 - 153	06/25/25 07:38	06/26/25 18:46	1
Nitrobenzene-d5 (Surr)	78		37 - 147	06/25/25 07:38	06/26/25 18:46	1
2-Fluorobiphenyl (Surr)	69		43 - 145	06/25/25 07:38	06/26/25 18:46	1
2,4,6-Tribromophenol (Surr)	55		31 - 143	06/25/25 07:38	06/26/25 18:46	1
Terphenyl-d14 (Surr)	85		42 - 157	06/25/25 07:38	06/26/25 18:46	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	✱	06/20/25 16:12	06/26/25 04:10	1
Arsenic	6.1		0.56	0.19	mg/Kg	✱	06/20/25 16:12	06/26/25 04:10	1
Barium	29		2.8	0.32	mg/Kg	✱	06/20/25 16:12	06/27/25 16:02	5
Beryllium	0.55		0.22	0.052	mg/Kg	✱	06/20/25 16:12	06/26/25 04:10	1
Boron	17	B	2.8	0.26	mg/Kg	✱	06/20/25 16:12	06/26/25 04:10	1
Cadmium	0.12		0.11	0.020	mg/Kg	✱	06/20/25 16:12	06/26/25 04:10	1
Chromium	15		0.56	0.28	mg/Kg	✱	06/20/25 16:12	06/26/25 04:10	1
Cobalt	12		0.28	0.073	mg/Kg	✱	06/20/25 16:12	06/26/25 04:10	1
Copper	22		0.56	0.16	mg/Kg	✱	06/20/25 16:12	06/26/25 04:10	1
Iron	20000		56	29	mg/Kg	✱	06/20/25 16:12	06/27/25 16:02	5
Lead	14		1.4	0.64	mg/Kg	✱	06/20/25 16:12	06/27/25 16:02	5
Magnesium	42000		28	14	mg/Kg	✱	06/20/25 16:12	06/27/25 16:02	5
Manganese	360		0.56	0.081	mg/Kg	✱	06/20/25 16:12	06/27/25 14:52	1
Nickel	30		0.56	0.16	mg/Kg	✱	06/20/25 16:12	06/26/25 04:10	1
Selenium	0.52	J	0.56	0.33	mg/Kg	✱	06/20/25 16:12	06/26/25 04:10	1
Silver	<0.28		0.28	0.072	mg/Kg	✱	06/20/25 16:12	06/26/25 04:10	1
Thallium	1.8		0.56	0.28	mg/Kg	✱	06/20/25 16:12	06/26/25 04:10	1
Vanadium	18		0.28	0.066	mg/Kg	✱	06/20/25 16:12	06/26/25 04:10	1
Zinc	51	B	1.1	0.49	mg/Kg	✱	06/20/25 16:12	06/27/25 14:52	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		06/19/25 15:35	06/20/25 18:05	1
Barium	0.32	B	0.010	0.0012	mg/L		06/19/25 15:35	06/20/25 18:05	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		06/19/25 15:35	06/20/25 18:05	1
Boron	<0.50		0.50	0.0056	mg/L		06/19/25 15:35	06/20/25 18:05	1
Cadmium	0.0018	J	0.0050	0.00043	mg/L		06/19/25 15:35	06/20/25 18:05	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B03 (5-10)

Lab Sample ID: 500-270096-11

Date Collected: 06/16/25 12:00

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.1

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		06/19/25 15:35	06/20/25 18:05	1
Cobalt	0.060		0.0050	0.00078	mg/L		06/19/25 15:35	06/20/25 18:05	1
Copper	0.011		0.010	0.0018	mg/L		06/19/25 15:35	06/20/25 18:05	1
Iron	<0.40		0.40	0.082	mg/L		06/19/25 15:35	06/20/25 18:05	1
Lead	0.0048	J	0.0075	0.0027	mg/L		06/19/25 15:35	06/20/25 18:05	1
Manganese	1.5		0.010	0.0023	mg/L		06/19/25 15:35	06/20/25 18:05	1
Nickel	0.11		0.010	0.0048	mg/L		06/19/25 15:35	06/20/25 18:05	1
Selenium	0.0087	J B	0.050	0.0053	mg/L		06/19/25 15:35	06/20/25 18:05	1
Silver	<0.0050		0.0050	0.0015	mg/L		06/19/25 15:35	06/20/25 18:05	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		06/19/25 15:35	06/20/25 18:05	1
Zinc	0.0078	J	0.50	0.0050	mg/L		06/19/25 15:35	06/20/25 18:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	0.040		0.010	0.0023	mg/L		06/19/25 13:59	06/20/25 17:14	1
Nickel	0.012		0.010	0.0048	mg/L		06/19/25 13:59	06/20/25 17:14	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		06/19/25 15:35	06/25/25 13:34	1
Thallium	<0.0020		0.0020	0.0020	mg/L		06/19/25 15:35	06/25/25 13:34	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		06/23/25 11:05	06/24/25 11:16	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	J	0.018	0.0073	mg/Kg	☼	06/27/25 14:00	06/30/25 08:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.25		0.25	0.12	mg/Kg	☼	06/19/25 13:17	06/19/25 16:53	1
pH (SW846 9045D)	6.9		0.2	0.2	SU			06/20/25 13:52	1

Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B04 (0-2)

Lab Sample ID: 500-270096-12

Date Collected: 06/16/25 12:05

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.4

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	0.0062	mg/Kg	☆	06/16/25 15:43	06/25/25 12:54	1
Benzene	<0.0015		0.0015	0.00046	mg/Kg	☆	06/16/25 15:43	06/25/25 12:54	1
Bromodichloromethane	<0.0015		0.0015	0.00047	mg/Kg	☆	06/16/25 15:43	06/25/25 12:54	1
Bromoform	<0.0015	*3	0.0015	0.00086	mg/Kg	☆	06/16/25 15:43	06/25/25 12:54	1
Bromomethane	<0.0037	*-	0.0037	0.0018	mg/Kg	☆	06/16/25 15:43	06/25/25 12:54	1
2-Butanone (MEK)	<0.0037		0.0037	0.0016	mg/Kg	☆	06/16/25 15:43	06/25/25 12:54	1
Carbon disulfide	<0.0037		0.0037	0.00068	mg/Kg	☆	06/16/25 15:43	06/25/25 12:54	1
Carbon tetrachloride	<0.0015		0.0015	0.00050	mg/Kg	☆	06/16/25 15:43	06/25/25 12:54	1
Chlorobenzene	<0.0015	*3	0.0015	0.00062	mg/Kg	☆	06/16/25 15:43	06/25/25 12:54	1
Chloroethane	<0.0037		0.0037	0.0012	mg/Kg	☆	06/16/25 15:43	06/25/25 12:54	1
Chloroform	<0.0015		0.0015	0.0011	mg/Kg	☆	06/16/25 15:43	06/25/25 12:54	1
Chloromethane	<0.0037		0.0037	0.00071	mg/Kg	☆	06/16/25 15:43	06/25/25 12:54	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00059	mg/Kg	☆	06/16/25 15:43	06/25/25 12:54	1
cis-1,3-Dichloropropene	<0.0015	*3	0.0015	0.00059	mg/Kg	☆	06/16/25 15:43	06/25/25 12:54	1
Dibromochloromethane	<0.0015	*3	0.0015	0.00068	mg/Kg	☆	06/16/25 15:43	06/25/25 12:54	1
1,2-Dibromo-3-Chloropropane	<0.0037	*3	0.0037	0.0026	mg/Kg	☆	06/16/25 15:43	06/25/25 12:54	1
1,1-Dichloroethane	<0.0015		0.0015	0.00055	mg/Kg	☆	06/16/25 15:43	06/25/25 12:54	1
1,2-Dichloroethane	<0.0037		0.0037	0.00095	mg/Kg	☆	06/16/25 15:43	06/25/25 12:54	1
1,1-Dichloroethene	<0.0015		0.0015	0.00060	mg/Kg	☆	06/16/25 15:43	06/25/25 12:54	1
1,2-Dichloropropane	<0.0015		0.0015	0.00038	mg/Kg	☆	06/16/25 15:43	06/25/25 12:54	1
1,3-Dichloropropene, Total	<0.0015		0.0015	0.00070	mg/Kg	☆	06/16/25 15:43	06/25/25 12:54	1
Ethylbenzene	<0.0015	*3	0.0015	0.00077	mg/Kg	☆	06/16/25 15:43	06/25/25 12:54	1
2-Hexanone	<0.0037	*3	0.0037	0.0022	mg/Kg	☆	06/16/25 15:43	06/25/25 12:54	1
Methylene Chloride	0.0024	J	0.0037	0.0016	mg/Kg	☆	06/16/25 15:43	06/25/25 12:54	1
4-Methyl-2-pentanone (MIBK)	<0.0037		0.0037	0.0026	mg/Kg	☆	06/16/25 15:43	06/25/25 12:54	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00047	mg/Kg	☆	06/16/25 15:43	06/25/25 12:54	1
Styrene	<0.0015	*3	0.0015	0.00066	mg/Kg	☆	06/16/25 15:43	06/25/25 12:54	1
1,1,2,2-Tetrachloroethane	<0.0015	*3	0.0015	0.00073	mg/Kg	☆	06/16/25 15:43	06/25/25 12:54	1
Tetrachloroethene	<0.0015	*3	0.0015	0.00082	mg/Kg	☆	06/16/25 15:43	06/25/25 12:54	1
Toluene	<0.0015	*3	0.0015	0.00029	mg/Kg	☆	06/16/25 15:43	06/25/25 12:54	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00055	mg/Kg	☆	06/16/25 15:43	06/25/25 12:54	1
trans-1,3-Dichloropropene	<0.0015	*3	0.0015	0.00070	mg/Kg	☆	06/16/25 15:43	06/25/25 12:54	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00059	mg/Kg	☆	06/16/25 15:43	06/25/25 12:54	1
1,1,2-Trichloroethane	<0.0015	*3	0.0015	0.00055	mg/Kg	☆	06/16/25 15:43	06/25/25 12:54	1
Trichloroethene	<0.0015		0.0015	0.00040	mg/Kg	☆	06/16/25 15:43	06/25/25 12:54	1
Vinyl acetate	<0.0037		0.0037	0.00088	mg/Kg	☆	06/16/25 15:43	06/25/25 12:54	1
Vinyl chloride	<0.0015		0.0015	0.00060	mg/Kg	☆	06/16/25 15:43	06/25/25 12:54	1
Xylenes, Total	<0.0029		0.0029	0.00050	mg/Kg	☆	06/16/25 15:43	06/25/25 12:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+ *3	75 - 131	06/16/25 15:43	06/25/25 12:54	1
Dibromofluoromethane	114		75 - 126	06/16/25 15:43	06/25/25 12:54	1
1,2-Dichloroethane-d4 (Surr)	115		70 - 134	06/16/25 15:43	06/25/25 12:54	1
Toluene-d8 (Surr)	129	S1+ *3	75 - 124	06/16/25 15:43	06/25/25 12:54	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	☆	06/25/25 07:38	06/26/25 15:53	1
1,2-Dichlorobenzene	<0.19		0.19	0.016	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B04 (0-2)

Lab Sample ID: 500-270096-12

Date Collected: 06/16/25 12:05

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	<0.19		0.19	0.018	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.027	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1
2,4,5-Trichlorophenol	<0.38		0.38	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1
2,4,6-Trichlorophenol	<0.38		0.38	0.013	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1
2,4-Dichlorophenol	<0.38		0.38	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1
2,4-Dimethylphenol	<0.38		0.38	0.086	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1
2,4-Dinitrophenol	<0.77		0.77	0.22	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1
2,4-Dinitrotoluene	<0.19		0.19	0.022	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1
2,6-Dinitrotoluene	<0.19		0.19	0.027	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1
2-Methylnaphthalene	<0.077		0.077	0.0077	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1
2-Methylphenol	<0.19		0.19	0.020	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1
2-Nitroaniline	<0.19		0.19	0.021	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1
2-Nitrophenol	<0.38		0.38	0.026	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1
3 & 4 Methylphenol	<0.19		0.19	0.028	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.17	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1
3-Nitroaniline	<0.38		0.38	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1
4,6-Dinitro-2-methylphenol	<0.77		0.77	0.22	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.026	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1
4-Chloro-3-methylphenol	<0.38		0.38	0.032	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1
4-Chloroaniline	<0.77		0.77	0.40	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1
4-Nitroaniline	<0.38		0.38	0.028	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1
4-Nitrophenol	<0.77		0.77	0.41	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1
Acenaphthene	<0.038		0.038	0.0078	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1
Acenaphthylene	<0.038		0.038	0.0065	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1
Anthracene	<0.038		0.038	0.0078	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1
Benzo[a]anthracene	<0.038		0.038	0.0081	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1
Benzo[a]pyrene	<0.038		0.038	0.037	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1
Benzo[b]fluoranthene	<0.038		0.038	0.036	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1
Benzo[g,h,i]perylene	<0.038		0.038	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1
Benzo[k]fluoranthene	<0.038		0.038	0.015	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.018	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.15	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1
Butyl benzyl phthalate	<0.19		0.19	0.019	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1
Carbazole	<0.19		0.19	0.015	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1
Chrysene	<0.038		0.038	0.010	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1
Dibenz(a,h)anthracene	<0.038		0.038	0.038	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1
Dibenzofuran	<0.19		0.19	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1
Diethyl phthalate	<0.19		0.19	0.018	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1
Dimethyl phthalate	<0.19		0.19	0.0083	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1
Di-n-octyl phthalate	<0.38		0.38	0.27	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1
Fluoranthene	<0.038		0.038	0.0089	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1
Fluorene	<0.038		0.038	0.011	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1
Hexachlorobenzene	<0.077		0.077	0.0073	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1
Hexachlorobutadiene	<0.19		0.19	0.022	mg/Kg	☆	06/25/25 07:38	06/26/25 15:53	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B04 (0-2)

Lab Sample ID: 500-270096-12

Date Collected: 06/16/25 12:05

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.4

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	✱	06/25/25 07:38	06/26/25 15:53	1
Hexachloroethane	<0.19		0.19	0.019	mg/Kg	✱	06/25/25 07:38	06/26/25 15:53	1
Indeno[1,2,3-cd]pyrene	<0.038		0.038	0.037	mg/Kg	✱	06/25/25 07:38	06/26/25 15:53	1
Isophorone	<0.19		0.19	0.020	mg/Kg	✱	06/25/25 07:38	06/26/25 15:53	1
Naphthalene	<0.038		0.038	0.0069	mg/Kg	✱	06/25/25 07:38	06/26/25 15:53	1
Nitrobenzene	<0.038		0.038	0.012	mg/Kg	✱	06/25/25 07:38	06/26/25 15:53	1
N-Nitrosodi-n-propylamine	<0.077		0.077	0.022	mg/Kg	✱	06/25/25 07:38	06/26/25 15:53	1
N-Nitrosodiphenylamine	<0.19		0.19	0.076	mg/Kg	✱	06/25/25 07:38	06/26/25 15:53	1
Pentachlorophenol	<0.77		0.77	0.43	mg/Kg	✱	06/25/25 07:38	06/26/25 15:53	1
Phenanthrene	<0.038		0.038	0.0083	mg/Kg	✱	06/25/25 07:38	06/26/25 15:53	1
Phenol	<0.19		0.19	0.017	mg/Kg	✱	06/25/25 07:38	06/26/25 15:53	1
Pyrene	<0.038		0.038	0.010	mg/Kg	✱	06/25/25 07:38	06/26/25 15:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	74		31 - 166	06/25/25 07:38	06/26/25 15:53	1
Phenol-d5 (Surr)	80		30 - 153	06/25/25 07:38	06/26/25 15:53	1
Nitrobenzene-d5 (Surr)	88		37 - 147	06/25/25 07:38	06/26/25 15:53	1
2-Fluorobiphenyl (Surr)	82		43 - 145	06/25/25 07:38	06/26/25 15:53	1
2,4,6-Tribromophenol (Surr)	80		31 - 143	06/25/25 07:38	06/26/25 15:53	1
Terphenyl-d14 (Surr)	93		42 - 157	06/25/25 07:38	06/26/25 15:53	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	✱	06/20/25 16:12	06/26/25 04:15	1
Arsenic	10		0.58	0.20	mg/Kg	✱	06/20/25 16:12	06/26/25 04:15	1
Barium	38		0.58	0.066	mg/Kg	✱	06/20/25 16:12	06/27/25 14:57	1
Beryllium	0.68		0.23	0.054	mg/Kg	✱	06/20/25 16:12	06/26/25 04:15	1
Boron	21	B	2.9	0.27	mg/Kg	✱	06/20/25 16:12	06/26/25 04:15	1
Cadmium	0.077	J	0.12	0.021	mg/Kg	✱	06/20/25 16:12	06/26/25 04:15	1
Chromium	18		0.58	0.29	mg/Kg	✱	06/20/25 16:12	06/26/25 04:15	1
Cobalt	8.2		0.29	0.076	mg/Kg	✱	06/20/25 16:12	06/26/25 04:15	1
Copper	22		0.58	0.16	mg/Kg	✱	06/20/25 16:12	06/26/25 04:15	1
Iron	20000		12	6.0	mg/Kg	✱	06/20/25 16:12	06/27/25 14:57	1
Lead	14		1.4	0.67	mg/Kg	✱	06/20/25 16:12	06/27/25 16:07	5
Magnesium	33000		5.8	2.9	mg/Kg	✱	06/20/25 16:12	06/27/25 14:57	1
Manganese	340		0.58	0.084	mg/Kg	✱	06/20/25 16:12	06/27/25 14:57	1
Nickel	31		0.58	0.17	mg/Kg	✱	06/20/25 16:12	06/26/25 04:15	1
Selenium	0.51	J	0.58	0.34	mg/Kg	✱	06/20/25 16:12	06/26/25 04:15	1
Silver	<0.29		0.29	0.075	mg/Kg	✱	06/20/25 16:12	06/26/25 04:15	1
Thallium	1.9		0.58	0.29	mg/Kg	✱	06/20/25 16:12	06/26/25 04:15	1
Vanadium	23		0.29	0.068	mg/Kg	✱	06/20/25 16:12	06/26/25 04:15	1
Zinc	62	B	1.2	0.51	mg/Kg	✱	06/20/25 16:12	06/27/25 14:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0045	J B	0.010	0.0037	mg/L		06/19/25 15:35	06/20/25 18:18	1
Barium	0.34	B	0.010	0.0012	mg/L		06/19/25 15:35	06/20/25 18:18	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		06/19/25 15:35	06/20/25 18:18	1
Boron	<0.50		0.50	0.0056	mg/L		06/19/25 15:35	06/20/25 18:18	1
Cadmium	0.0017	J	0.0050	0.00043	mg/L		06/19/25 15:35	06/20/25 18:18	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B04 (0-2)

Lab Sample ID: 500-270096-12

Date Collected: 06/16/25 12:05

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.4

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		06/19/25 15:35	06/20/25 18:18	1
Cobalt	0.0081		0.0050	0.00078	mg/L		06/19/25 15:35	06/20/25 18:18	1
Copper	<0.010		0.010	0.0018	mg/L		06/19/25 15:35	06/20/25 18:18	1
Iron	0.082	J B	0.40	0.082	mg/L		06/19/25 15:35	06/20/25 18:18	1
Lead	<0.0075		0.0075	0.0027	mg/L		06/19/25 15:35	06/20/25 18:18	1
Manganese	1.3		0.010	0.0023	mg/L		06/19/25 15:35	06/20/25 18:18	1
Nickel	0.012		0.010	0.0048	mg/L		06/19/25 15:35	06/20/25 18:18	1
Selenium	0.0061	J B	0.050	0.0053	mg/L		06/19/25 15:35	06/20/25 18:18	1
Silver	<0.0050		0.0050	0.0015	mg/L		06/19/25 15:35	06/20/25 18:18	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		06/19/25 15:35	06/20/25 18:18	1
Zinc	<0.50		0.50	0.0050	mg/L		06/19/25 15:35	06/20/25 18:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	0.56		0.010	0.0023	mg/L		06/19/25 13:59	06/20/25 17:18	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		06/19/25 15:35	06/25/25 13:38	1
Thallium	<0.0020		0.0020	0.0020	mg/L		06/19/25 15:35	06/25/25 13:38	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		06/26/25 11:10	06/27/25 09:55	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.023		0.018	0.0075	mg/Kg	☆	06/27/25 14:00	06/30/25 08:56	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	☆	06/19/25 13:17	06/19/25 16:53	1
pH (SW846 9045D)	8.2		0.2	0.2	SU			06/20/25 13:54	1

Definitions/Glossary

Client: WSP USA Inc

Job ID: 500-270096-1

Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

Metals

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
F3	Duplicate RPD exceeds the control limit
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
L	A negative instrument reading had an absolute value greater than the reporting limit

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD 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

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Definitions/Glossary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Glossary (Continued)

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

QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

GC/MS VOA

Prep Batch: 823131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	5035	
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	5035	
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	5035	
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	5035	
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	5035	
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	5035	
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	5035	
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	5035	
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	5035	
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	5035	
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	5035	
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	5035	
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	5035	
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	5035	
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	5035	
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	5035	
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	5035	
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	5035	
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	5035	

Analysis Batch: 823222

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	8260D	823131
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	8260D	823131
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	8260D	823131
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	8260D	823131
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	8260D	823131
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	8260D	823131
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	8260D	823131
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	8260D	823131
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	8260D	823131
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	8260D	823131
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	8260D	823131
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	8260D	823131
MB 500-823222/5	Method Blank	Total/NA	Solid	8260D	
LCS 500-823222/7	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 500-823222/8	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 823459

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	8260D	823131
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	8260D	823131
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	8260D	823131
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	8260D	823131
MB 500-823459/6	Method Blank	Total/NA	Solid	8260D	
LCS 500-823459/2	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 500-823459/3	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 823604

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	8260D	823131

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

GC/MS VOA (Continued)

Analysis Batch: 823604 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	8260D	823131
MB 500-823604/7	Method Blank	Total/NA	Solid	8260D	
LCS 500-823604/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 500-823604/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 823845

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	8260D	823131
MB 500-823845/8	Method Blank	Total/NA	Solid	8260D	
LCS 500-823845/6	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 500-823845/9	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS Semi VOA

Prep Batch: 823218

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	3546	
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	3546	
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	3546	
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	3546	
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	3546	
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	3546	
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	3546	
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	3546	
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	3546	
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	3546	
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	3546	
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	3546	
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	3546	
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	3546	
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	3546	
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	3546	
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	3546	
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	3546	
MB 500-823218/1-A	Method Blank	Total/NA	Solid	3546	
LCS 500-823218/2-A	Lab Control Sample	Total/NA	Solid	3546	

Prep Batch: 823337

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	3546	
MB 500-823337/1-A	Method Blank	Total/NA	Solid	3546	
LCS 500-823337/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 823422

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	8270E	823337
LCS 500-823337/2-A	Lab Control Sample	Total/NA	Solid	8270E	823337

Analysis Batch: 823426

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	8270E	823218

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QC Association Summary

Client: WSP USA Inc

Job ID: 500-270096-1

Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

GC/MS Semi VOA (Continued)

Analysis Batch: 823426 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	8270E	823218
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	8270E	823218
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	8270E	823218
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	8270E	823218
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	8270E	823218
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	8270E	823218
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	8270E	823218
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	8270E	823218
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	8270E	823218
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	8270E	823218
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	8270E	823218
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	8270E	823218
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	8270E	823218
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	8270E	823218
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	8270E	823218
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	8270E	823218
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	8270E	823218
MB 500-823218/1-A	Method Blank	Total/NA	Solid	8270E	823218
LCS 500-823218/2-A	Lab Control Sample	Total/NA	Solid	8270E	823218

Analysis Batch: 823620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-823337/1-A	Method Blank	Total/NA	Solid	8270E	823337

Metals

Leach Batch: 822250

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	TCLP	Solid	1311	
500-270096-2	3641V-01-B02 (7-13)	TCLP	Solid	1311	
500-270096-3	3641V-01-B01 (0-3)	TCLP	Solid	1311	
500-270096-4	3641V-05-B01 (0-5)	TCLP	Solid	1311	
500-270096-5	3641V-05-B01 (5-10)	TCLP	Solid	1311	
500-270096-6	3641V-05-B01 (10-15)	TCLP	Solid	1311	
500-270096-7	3641V-05-B02 (0-5)	TCLP	Solid	1311	
500-270096-8	3641V-05-B02 (0-5)D	TCLP	Solid	1311	
500-270096-9	3641V-05-B02 (5-10)	TCLP	Solid	1311	
500-270096-10	3641V-05-B03 (0-5)	TCLP	Solid	1311	
500-270096-11	3641V-05-B03 (5-10)	TCLP	Solid	1311	
500-270096-12	3641V-05-B04 (0-2)	TCLP	Solid	1311	
500-270096-13	3641V-09-B01 (0-2)	TCLP	Solid	1311	
500-270096-14	3641V-10-B01 (0-2)	TCLP	Solid	1311	
LB 500-822250/1-B	Method Blank	TCLP	Solid	1311	
LB 500-822250/1-C	Method Blank	TCLP	Solid	1311	
LB 500-822250/1-D	Method Blank	TCLP	Solid	1311	

Leach Batch: 822251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	SPLP East	Solid	1312	
500-270096-2	3641V-01-B02 (7-13)	SPLP East	Solid	1312	
500-270096-3	3641V-01-B01 (0-3)	SPLP East	Solid	1312	

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Metals (Continued)

Leach Batch: 822251 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-4	3641V-05-B01 (0-5)	SPLP East	Solid	1312	
500-270096-5	3641V-05-B01 (5-10)	SPLP East	Solid	1312	
500-270096-6	3641V-05-B01 (10-15)	SPLP East	Solid	1312	
500-270096-7	3641V-05-B02 (0-5)	SPLP East	Solid	1312	
500-270096-8	3641V-05-B02 (0-5)D	SPLP East	Solid	1312	
500-270096-9	3641V-05-B02 (5-10)	SPLP East	Solid	1312	
500-270096-10	3641V-05-B03 (0-5)	SPLP East	Solid	1312	
500-270096-11	3641V-05-B03 (5-10)	SPLP East	Solid	1312	
500-270096-12	3641V-05-B04 (0-2)	SPLP East	Solid	1312	
500-270096-13	3641V-09-B01 (0-2)	SPLP East	Solid	1312	
500-270096-14	3641V-10-B01 (0-2)	SPLP East	Solid	1312	
LB 500-822251/1-B	Method Blank	SPLP East	Solid	1312	

Leach Batch: 822394

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	TCLP	Solid	1311	
500-270096-16	3641V-06-B02 (0-2)	TCLP	Solid	1311	
500-270096-17	3641V-06-B01 (0-2)	TCLP	Solid	1311	
500-270096-18	3641V-04-B02 (0-2)	TCLP	Solid	1311	
500-270096-19	3641V-04-B01 (0-2)	TCLP	Solid	1311	
LB 500-822394/1-B	Method Blank	TCLP	Solid	1311	
LB 500-822394/1-C	Method Blank	TCLP	Solid	1311	

Leach Batch: 822412

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	SPLP East	Solid	1312	
500-270096-16	3641V-06-B02 (0-2)	SPLP East	Solid	1312	
500-270096-17	3641V-06-B01 (0-2)	SPLP East	Solid	1312	
500-270096-18	3641V-04-B02 (0-2)	SPLP East	Solid	1312	
500-270096-19	3641V-04-B01 (0-2)	SPLP East	Solid	1312	
LB 500-822412/1-B	Method Blank	SPLP East	Solid	1312	
500-270096-15 MS	3641V-08-B01 (0-2)	SPLP East	Solid	1312	
500-270096-15 DU	3641V-08-B01 (0-2)	SPLP East	Solid	1312	

Prep Batch: 822485

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	SPLP East	Solid	3010A	822251
500-270096-2	3641V-01-B02 (7-13)	SPLP East	Solid	3010A	822251
500-270096-3	3641V-01-B01 (0-3)	SPLP East	Solid	3010A	822251
500-270096-4	3641V-05-B01 (0-5)	SPLP East	Solid	3010A	822251
500-270096-5	3641V-05-B01 (5-10)	SPLP East	Solid	3010A	822251
500-270096-6	3641V-05-B01 (10-15)	SPLP East	Solid	3010A	822251
500-270096-7	3641V-05-B02 (0-5)	SPLP East	Solid	3010A	822251
500-270096-8	3641V-05-B02 (0-5)D	SPLP East	Solid	3010A	822251
500-270096-9	3641V-05-B02 (5-10)	SPLP East	Solid	3010A	822251
500-270096-10	3641V-05-B03 (0-5)	SPLP East	Solid	3010A	822251
500-270096-11	3641V-05-B03 (5-10)	SPLP East	Solid	3010A	822251
500-270096-12	3641V-05-B04 (0-2)	SPLP East	Solid	3010A	822251
500-270096-13	3641V-09-B01 (0-2)	SPLP East	Solid	3010A	822251
500-270096-14	3641V-10-B01 (0-2)	SPLP East	Solid	3010A	822251
LB 500-822251/1-B	Method Blank	SPLP East	Solid	3010A	822251

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QC Association Summary

Client: WSP USA Inc

Job ID: 500-270096-1

Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Metals (Continued)

Prep Batch: 822485 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-822485/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Prep Batch: 822509

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	TCLP	Solid	3010A	822250
500-270096-2	3641V-01-B02 (7-13)	TCLP	Solid	3010A	822250
500-270096-3	3641V-01-B01 (0-3)	TCLP	Solid	3010A	822250
500-270096-4	3641V-05-B01 (0-5)	TCLP	Solid	3010A	822250
500-270096-5	3641V-05-B01 (5-10)	TCLP	Solid	3010A	822250
500-270096-6	3641V-05-B01 (10-15)	TCLP	Solid	3010A	822250
500-270096-7	3641V-05-B02 (0-5)	TCLP	Solid	3010A	822250
500-270096-8	3641V-05-B02 (0-5)D	TCLP	Solid	3010A	822250
500-270096-9	3641V-05-B02 (5-10)	TCLP	Solid	3010A	822250
500-270096-10	3641V-05-B03 (0-5)	TCLP	Solid	3010A	822250
500-270096-11	3641V-05-B03 (5-10)	TCLP	Solid	3010A	822250
500-270096-12	3641V-05-B04 (0-2)	TCLP	Solid	3010A	822250
500-270096-13	3641V-09-B01 (0-2)	TCLP	Solid	3010A	822250
500-270096-14	3641V-10-B01 (0-2)	TCLP	Solid	3010A	822250
LB 500-822250/1-B	Method Blank	TCLP	Solid	3010A	822250
LCS 500-822509/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Prep Batch: 822645

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	SPLP East	Solid	3010A	822412
500-270096-16	3641V-06-B02 (0-2)	SPLP East	Solid	3010A	822412
500-270096-17	3641V-06-B01 (0-2)	SPLP East	Solid	3010A	822412
500-270096-18	3641V-04-B02 (0-2)	SPLP East	Solid	3010A	822412
500-270096-19	3641V-04-B01 (0-2)	SPLP East	Solid	3010A	822412
LB 500-822412/1-B	Method Blank	SPLP East	Solid	3010A	822412
LCS 500-822645/2-A	Lab Control Sample	Total/NA	Solid	3010A	
500-270096-15 MS	3641V-08-B01 (0-2)	SPLP East	Solid	3010A	822412
500-270096-15 DU	3641V-08-B01 (0-2)	SPLP East	Solid	3010A	822412

Prep Batch: 822646

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	TCLP	Solid	3010A	822394
500-270096-16	3641V-06-B02 (0-2)	TCLP	Solid	3010A	822394
500-270096-17	3641V-06-B01 (0-2)	TCLP	Solid	3010A	822394
500-270096-18	3641V-04-B02 (0-2)	TCLP	Solid	3010A	822394
500-270096-19	3641V-04-B01 (0-2)	TCLP	Solid	3010A	822394
LB 500-822394/1-B	Method Blank	TCLP	Solid	3010A	822394
LCS 500-822646/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Prep Batch: 822696

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	3050B	
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	3050B	
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	3050B	
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	3050B	
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	3050B	
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	3050B	

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Metals (Continued)

Prep Batch: 822696 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	3050B	
MB 500-822696/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-822696/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 822697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	3050B	
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	3050B	
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	3050B	
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	3050B	
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	3050B	
MB 500-822697/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-822697/2-A	Lab Control Sample	Total/NA	Solid	3050B	
500-270096-16 MS	3641V-06-B02 (0-2)	Total/NA	Solid	3050B	
500-270096-16 MSD	3641V-06-B02 (0-2)	Total/NA	Solid	3050B	
500-270096-16 DU	3641V-06-B02 (0-2)	Total/NA	Solid	3050B	

Analysis Batch: 822771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	TCLP	Solid	6010D	822509
500-270096-2	3641V-01-B02 (7-13)	TCLP	Solid	6010D	822509
500-270096-3	3641V-01-B01 (0-3)	TCLP	Solid	6010D	822509
500-270096-4	3641V-05-B01 (0-5)	TCLP	Solid	6010D	822509
500-270096-5	3641V-05-B01 (5-10)	TCLP	Solid	6010D	822509
500-270096-6	3641V-05-B01 (10-15)	TCLP	Solid	6010D	822509
500-270096-7	3641V-05-B02 (0-5)	TCLP	Solid	6010D	822509
500-270096-8	3641V-05-B02 (0-5)D	TCLP	Solid	6010D	822509
500-270096-9	3641V-05-B02 (5-10)	TCLP	Solid	6010D	822509
500-270096-10	3641V-05-B03 (0-5)	TCLP	Solid	6010D	822509
500-270096-11	3641V-05-B03 (5-10)	TCLP	Solid	6010D	822509
500-270096-12	3641V-05-B04 (0-2)	TCLP	Solid	6010D	822509
500-270096-13	3641V-09-B01 (0-2)	TCLP	Solid	6010D	822509
500-270096-14	3641V-10-B01 (0-2)	TCLP	Solid	6010D	822509
LB 500-822250/1-B	Method Blank	TCLP	Solid	6010D	822509
LCS 500-822509/2-A	Lab Control Sample	Total/NA	Solid	6010D	822509

Analysis Batch: 822772

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	SPLP East	Solid	6010D	822485
500-270096-2	3641V-01-B02 (7-13)	SPLP East	Solid	6010D	822485
500-270096-3	3641V-01-B01 (0-3)	SPLP East	Solid	6010D	822485
500-270096-4	3641V-05-B01 (0-5)	SPLP East	Solid	6010D	822485
500-270096-5	3641V-05-B01 (5-10)	SPLP East	Solid	6010D	822485
500-270096-6	3641V-05-B01 (10-15)	SPLP East	Solid	6010D	822485
500-270096-7	3641V-05-B02 (0-5)	SPLP East	Solid	6010D	822485
500-270096-8	3641V-05-B02 (0-5)D	SPLP East	Solid	6010D	822485
500-270096-9	3641V-05-B02 (5-10)	SPLP East	Solid	6010D	822485
500-270096-10	3641V-05-B03 (0-5)	SPLP East	Solid	6010D	822485
500-270096-11	3641V-05-B03 (5-10)	SPLP East	Solid	6010D	822485
500-270096-12	3641V-05-B04 (0-2)	SPLP East	Solid	6010D	822485
500-270096-13	3641V-09-B01 (0-2)	SPLP East	Solid	6010D	822485

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QC Association Summary

Client: WSP USA Inc
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Job ID: 500-270096-1

Metals (Continued)

Analysis Batch: 822772 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-14	3641V-10-B01 (0-2)	SPLP East	Solid	6010D	822485
LB 500-822251/1-B	Method Blank	SPLP East	Solid	6010D	822485
LCS 500-822485/2-A	Lab Control Sample	Total/NA	Solid	6010D	822485

Prep Batch: 822848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	3050B	
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	3050B	
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	3050B	
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	3050B	
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	3050B	
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	3050B	
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	3050B	
MB 500-822848/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-822848/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 822891

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	TCLP	Solid	7470A	822250
500-270096-2	3641V-01-B02 (7-13)	TCLP	Solid	7470A	822250
500-270096-3	3641V-01-B01 (0-3)	TCLP	Solid	7470A	822250
500-270096-4	3641V-05-B01 (0-5)	TCLP	Solid	7470A	822250
500-270096-5	3641V-05-B01 (5-10)	TCLP	Solid	7470A	822250
500-270096-6	3641V-05-B01 (10-15)	TCLP	Solid	7470A	822250
500-270096-7	3641V-05-B02 (0-5)	TCLP	Solid	7470A	822250
500-270096-8	3641V-05-B02 (0-5)D	TCLP	Solid	7470A	822250
500-270096-9	3641V-05-B02 (5-10)	TCLP	Solid	7470A	822250
500-270096-10	3641V-05-B03 (0-5)	TCLP	Solid	7470A	822250
500-270096-11	3641V-05-B03 (5-10)	TCLP	Solid	7470A	822250
500-270096-13	3641V-09-B01 (0-2)	TCLP	Solid	7470A	822250
500-270096-14	3641V-10-B01 (0-2)	TCLP	Solid	7470A	822250
LB 500-822250/1-C	Method Blank	TCLP	Solid	7470A	822250
MB 500-822891/12-A	Method Blank	Total/NA	Solid	7470A	
LCS 500-822891/14-A	Lab Control Sample	Total/NA	Solid	7470A	

Analysis Batch: 823048

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	TCLP	Solid	6010D	822509
500-270096-2	3641V-01-B02 (7-13)	TCLP	Solid	6010D	822509
500-270096-4	3641V-05-B01 (0-5)	TCLP	Solid	6010D	822509
500-270096-5	3641V-05-B01 (5-10)	TCLP	Solid	6010D	822509
500-270096-7	3641V-05-B02 (0-5)	TCLP	Solid	6010D	822509
LB 500-822412/1-B	Method Blank	SPLP East	Solid	6010D	822645
LCS 500-822645/2-A	Lab Control Sample	Total/NA	Solid	6010D	822645
500-270096-15 MS	3641V-08-B01 (0-2)	SPLP East	Solid	6010D	822645
500-270096-15 DU	3641V-08-B01 (0-2)	SPLP East	Solid	6010D	822645

Prep Batch: 823094

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	TCLP	Solid	7470A	822394
500-270096-16	3641V-06-B02 (0-2)	TCLP	Solid	7470A	822394

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QC Association Summary

Client: WSP USA Inc
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Job ID: 500-270096-1

Metals (Continued)

Prep Batch: 823094 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-17	3641V-06-B01 (0-2)	TCLP	Solid	7470A	822394
500-270096-18	3641V-04-B02 (0-2)	TCLP	Solid	7470A	822394
500-270096-19	3641V-04-B01 (0-2)	TCLP	Solid	7470A	822394
LB 500-822394/1-C	Method Blank	TCLP	Solid	7470A	822394
MB 500-823094/12-A	Method Blank	Total/NA	Solid	7470A	
LCS 500-823094/14-A	Lab Control Sample	Total/NA	Solid	7470A	

Analysis Batch: 823110

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	TCLP	Solid	7470A	822891
500-270096-2	3641V-01-B02 (7-13)	TCLP	Solid	7470A	822891
500-270096-3	3641V-01-B01 (0-3)	TCLP	Solid	7470A	822891
500-270096-4	3641V-05-B01 (0-5)	TCLP	Solid	7470A	822891
500-270096-5	3641V-05-B01 (5-10)	TCLP	Solid	7470A	822891
500-270096-6	3641V-05-B01 (10-15)	TCLP	Solid	7470A	822891
500-270096-7	3641V-05-B02 (0-5)	TCLP	Solid	7470A	822891
500-270096-8	3641V-05-B02 (0-5)D	TCLP	Solid	7470A	822891
500-270096-9	3641V-05-B02 (5-10)	TCLP	Solid	7470A	822891
500-270096-10	3641V-05-B03 (0-5)	TCLP	Solid	7470A	822891
500-270096-11	3641V-05-B03 (5-10)	TCLP	Solid	7470A	822891
500-270096-13	3641V-09-B01 (0-2)	TCLP	Solid	7470A	822891
500-270096-14	3641V-10-B01 (0-2)	TCLP	Solid	7470A	822891
LB 500-822250/1-C	Method Blank	TCLP	Solid	7470A	822891
MB 500-822891/12-A	Method Blank	Total/NA	Solid	7470A	822891
LCS 500-822891/14-A	Lab Control Sample	Total/NA	Solid	7470A	822891

Analysis Batch: 823301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	TCLP	Solid	7470A	823094
500-270096-16	3641V-06-B02 (0-2)	TCLP	Solid	7470A	823094
500-270096-17	3641V-06-B01 (0-2)	TCLP	Solid	7470A	823094
500-270096-18	3641V-04-B02 (0-2)	TCLP	Solid	7470A	823094
500-270096-19	3641V-04-B01 (0-2)	TCLP	Solid	7470A	823094
LB 500-822394/1-C	Method Blank	TCLP	Solid	7470A	823094
MB 500-823094/12-A	Method Blank	Total/NA	Solid	7470A	823094
LCS 500-823094/14-A	Lab Control Sample	Total/NA	Solid	7470A	823094

Analysis Batch: 823349

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	TCLP	Solid	6020B	822509
500-270096-2	3641V-01-B02 (7-13)	TCLP	Solid	6020B	822509
500-270096-3	3641V-01-B01 (0-3)	TCLP	Solid	6020B	822509
500-270096-4	3641V-05-B01 (0-5)	TCLP	Solid	6020B	822509
500-270096-5	3641V-05-B01 (5-10)	TCLP	Solid	6020B	822509
500-270096-6	3641V-05-B01 (10-15)	TCLP	Solid	6020B	822509
500-270096-7	3641V-05-B02 (0-5)	TCLP	Solid	6020B	822509
500-270096-8	3641V-05-B02 (0-5)D	TCLP	Solid	6020B	822509
500-270096-9	3641V-05-B02 (5-10)	TCLP	Solid	6020B	822509
500-270096-10	3641V-05-B03 (0-5)	TCLP	Solid	6020B	822509
500-270096-11	3641V-05-B03 (5-10)	TCLP	Solid	6020B	822509
500-270096-12	3641V-05-B04 (0-2)	TCLP	Solid	6020B	822509

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Metals (Continued)

Analysis Batch: 823349 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-13	3641V-09-B01 (0-2)	TCLP	Solid	6020B	822509
500-270096-14	3641V-10-B01 (0-2)	TCLP	Solid	6020B	822509
500-270096-15	3641V-08-B01 (0-2)	TCLP	Solid	6020B	822646
500-270096-16	3641V-06-B02 (0-2)	TCLP	Solid	6020B	822646
500-270096-17	3641V-06-B01 (0-2)	TCLP	Solid	6020B	822646
500-270096-18	3641V-04-B02 (0-2)	TCLP	Solid	6020B	822646
500-270096-19	3641V-04-B01 (0-2)	TCLP	Solid	6020B	822646
LB 500-822250/1-B	Method Blank	TCLP	Solid	6020B	822509
LB 500-822394/1-B	Method Blank	TCLP	Solid	6020B	822646
LCS 500-822509/2-A	Lab Control Sample	Total/NA	Solid	6020B	822509
LCS 500-822646/2-A	Lab Control Sample	Total/NA	Solid	6020B	822646

Analysis Batch: 823443

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	6010D	822696
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	6010D	822696
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	6010D	822696
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	6010D	822696
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	6010D	822696
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	6010D	822696
500-270096-15	3641V-08-B01 (0-2)	TCLP	Solid	6010D	822646
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	6010D	822696
500-270096-16	3641V-06-B02 (0-2)	TCLP	Solid	6010D	822646
500-270096-17	3641V-06-B01 (0-2)	TCLP	Solid	6010D	822646
500-270096-18	3641V-04-B02 (0-2)	TCLP	Solid	6010D	822646
500-270096-19	3641V-04-B01 (0-2)	TCLP	Solid	6010D	822646
LB 500-822394/1-B	Method Blank	TCLP	Solid	6010D	822646
MB 500-822696/1-A	Method Blank	Total/NA	Solid	6010D	822696
LCS 500-822646/2-A	Lab Control Sample	Total/NA	Solid	6010D	822646
LCS 500-822696/2-A	Lab Control Sample	Total/NA	Solid	6010D	822696

Prep Batch: 823485

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-12	3641V-05-B04 (0-2)	TCLP	Solid	7470A	822250
LB 500-822250/1-D	Method Blank	TCLP	Solid	7470A	822250
MB 500-823485/12-A	Method Blank	Total/NA	Solid	7470A	
LCS 500-823485/14-A	Lab Control Sample	Total/NA	Solid	7470A	

Analysis Batch: 823557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	TCLP	Solid	6010D	822646
500-270096-16	3641V-06-B02 (0-2)	TCLP	Solid	6010D	822646
500-270096-17	3641V-06-B01 (0-2)	TCLP	Solid	6010D	822646
500-270096-18	3641V-04-B02 (0-2)	TCLP	Solid	6010D	822646
500-270096-19	3641V-04-B01 (0-2)	TCLP	Solid	6010D	822646
LB 500-822394/1-B	Method Blank	TCLP	Solid	6010D	822646
LCS 500-822646/2-A	Lab Control Sample	Total/NA	Solid	6010D	822646

Prep Batch: 823672

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	7471B	

Eurofins Chicago

QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Metals (Continued)

Prep Batch: 823672 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	7471B	
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	7471B	
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	7471B	
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	7471B	
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	7471B	
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	7471B	
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	7471B	
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	7471B	
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	7471B	
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	7471B	
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	7471B	
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	7471B	
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	7471B	
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	7471B	
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	7471B	
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	7471B	
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	7471B	
MB 500-823672/12-A	Method Blank	Total/NA	Solid	7471B	
LCS 500-823672/13-A	Lab Control Sample	Total/NA	Solid	7471B	
500-270096-9 MS	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	
500-270096-9 MSD	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	
500-270096-9 DU	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	

Analysis Batch: 823684

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-12	3641V-05-B04 (0-2)	TCLP	Solid	7470A	823485
LB 500-822250/1-D	Method Blank	TCLP	Solid	7470A	823485
MB 500-823485/12-A	Method Blank	Total/NA	Solid	7470A	823485
LCS 500-823485/14-A	Lab Control Sample	Total/NA	Solid	7470A	823485

Analysis Batch: 823757

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	6010D	822696
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	6010D	822696
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	6010D	822696
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	6010D	822696
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	6010D	822696
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	6010D	822696
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	6010D	822696
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	6010D	822696
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	6010D	822696
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	6010D	822696
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	6010D	822696
MB 500-822696/1-A	Method Blank	Total/NA	Solid	6010D	822696
LCS 500-822696/2-A	Lab Control Sample	Total/NA	Solid	6010D	822696

Analysis Batch: 823767

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	6010D	822696
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	6010D	822696

Eurofins Chicago

QC Association Summary

Client: WSP USA Inc

Job ID: 500-270096-1

Metals (Continued)

Analysis Batch: 823767 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	6010D	822696
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	6010D	822696
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	6010D	822696
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	6010D	822696
MB 500-822696/1-A	Method Blank	Total/NA	Solid	6010D	822696
LCS 500-822696/2-A	Lab Control Sample	Total/NA	Solid	6010D	822696

Analysis Batch: 823785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	6010D	822697
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	6010D	822848
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	6010D	822848
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	6010D	822848
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	6010D	822848
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	6010D	822848
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	6010D	822848
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	6010D	822848
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	6010D	822697
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	6010D	822697
MB 500-822697/1-A	Method Blank	Total/NA	Solid	6010D	822697
LCS 500-822697/2-A	Lab Control Sample	Total/NA	Solid	6010D	822697
500-270096-16 MS	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16 MSD	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16 DU	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697

Analysis Batch: 823885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	7471B	823672
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	7471B	823672
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	7471B	823672
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	7471B	823672
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	7471B	823672
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	7471B	823672
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	7471B	823672
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	7471B	823672
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	823672
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	7471B	823672
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	7471B	823672
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	7471B	823672
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	7471B	823672
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	7471B	823672
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	7471B	823672
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	7471B	823672
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	7471B	823672
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	7471B	823672
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	7471B	823672
MB 500-823672/12-A	Method Blank	Total/NA	Solid	7471B	823672
LCS 500-823672/13-A	Lab Control Sample	Total/NA	Solid	7471B	823672
500-270096-9 MS	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	823672

Eurofins Chicago

QC Association Summary

Client: WSP USA Inc

Job ID: 500-270096-1

Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Metals (Continued)

Analysis Batch: 823885 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-9 MSD	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	823672
500-270096-9 DU	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	823672

Analysis Batch: 823996

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	6010D	822697
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	6010D	822697
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	6010D	822848
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	6010D	822848
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	6010D	822848
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	6010D	822848
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	6010D	822848
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	6010D	822848
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	6010D	822848
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	6010D	822848
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	6010D	822848
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	6010D	822848
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	6010D	822848
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	6010D	822848
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	6010D	822697
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	6010D	822697
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	6010D	822697
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	6010D	822697
MB 500-822697/1-A	Method Blank	Total/NA	Solid	6010D	822697
MB 500-822848/1-A	Method Blank	Total/NA	Solid	6010D	822848
LCS 500-822697/2-A	Lab Control Sample	Total/NA	Solid	6010D	822697
LCS 500-822848/2-A	Lab Control Sample	Total/NA	Solid	6010D	822848
500-270096-16 MS	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16 MS	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16 MSD	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16 MSD	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16 DU	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16 DU	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697

Analysis Batch: 823997

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	SPLP East	Solid	6010D	822645
500-270096-16	3641V-06-B02 (0-2)	SPLP East	Solid	6010D	822645
500-270096-17	3641V-06-B01 (0-2)	SPLP East	Solid	6010D	822645
500-270096-18	3641V-04-B02 (0-2)	SPLP East	Solid	6010D	822645
500-270096-19	3641V-04-B01 (0-2)	SPLP East	Solid	6010D	822645
LB 500-822412/1-B	Method Blank	SPLP East	Solid	6010D	822645
LCS 500-822645/2-A	Lab Control Sample	Total/NA	Solid	6010D	822645
500-270096-15 MS	3641V-08-B01 (0-2)	SPLP East	Solid	6010D	822645
500-270096-15 DU	3641V-08-B01 (0-2)	SPLP East	Solid	6010D	822645

Eurofins Chicago

QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Metals

Analysis Batch: 824132

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	6010D	822848
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	6010D	822848

Analysis Batch: 824227

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	6010D	822696

General Chemistry

Analysis Batch: 822216

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	Moisture	
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	Moisture	
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	Moisture	
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	Moisture	
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	Moisture	
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	Moisture	
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	Moisture	
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	Moisture	
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	Moisture	
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	Moisture	
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	Moisture	
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	Moisture	
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	Moisture	
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	Moisture	
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	Moisture	
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	Moisture	
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	Moisture	

Analysis Batch: 822310

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	Moisture	
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	Moisture	
500-270096-13 DU	3641V-09-B01 (0-2)	Total/NA	Solid	Moisture	

Prep Batch: 822449

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	9010C	
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	9010C	
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	9010C	
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	9010C	
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	9010C	
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	9010C	
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	9010C	
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	9010C	
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	9010C	
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	9010C	
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	9010C	
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	9010C	
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	9010C	
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	9010C	

Eurofins Chicago

QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

General Chemistry (Continued)

Prep Batch: 822449 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	9010C	
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	9010C	
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	9010C	
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	9010C	
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	9010C	
MB 500-822449/1-A	Method Blank	Total/NA	Solid	9010C	
LCS 500-822449/2-A	Lab Control Sample	Total/NA	Solid	9010C	
500-270096-1 MS	3641V-01-B02 (0-7)	Total/NA	Solid	9010C	
500-270096-1 MSD	3641V-01-B02 (0-7)	Total/NA	Solid	9010C	
500-270096-15 MS	3641V-08-B01 (0-2)	Total/NA	Solid	9010C	
500-270096-15 MSD	3641V-08-B01 (0-2)	Total/NA	Solid	9010C	

Analysis Batch: 822679

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	9045D	
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	9045D	
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	9045D	
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	9045D	
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	9045D	
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	9045D	
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	9045D	
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	9045D	
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	9045D	
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	9045D	
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	9045D	
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	9045D	
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	9045D	
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	9045D	
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	9045D	
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	9045D	
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	9045D	
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	9045D	
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	9045D	
LCS 500-822679/2	Lab Control Sample	Total/NA	Solid	9045D	
LCSD 500-822679/3	Lab Control Sample Dup	Total/NA	Solid	9045D	
500-270096-14 DU	3641V-10-B01 (0-2)	Total/NA	Solid	9045D	

Analysis Batch: 822763

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	9012B	822449
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	9012B	822449
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	9012B	822449
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	9012B	822449
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	9012B	822449
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	9012B	822449
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	9012B	822449
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	9012B	822449
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	9012B	822449
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	9012B	822449
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	9012B	822449
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	9012B	822449

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

General Chemistry (Continued)

Analysis Batch: 822763 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	9012B	822449
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	9012B	822449
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	9012B	822449
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	9012B	822449
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	9012B	822449
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	9012B	822449
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	9012B	822449
MB 500-822449/1-A	Method Blank	Total/NA	Solid	9012B	822449
LCS 500-822449/2-A	Lab Control Sample	Total/NA	Solid	9012B	822449
500-270096-1 MS	3641V-01-B02 (0-7)	Total/NA	Solid	9012B	822449
500-270096-1 MSD	3641V-01-B02 (0-7)	Total/NA	Solid	9012B	822449
500-270096-15 MS	3641V-08-B01 (0-2)	Total/NA	Solid	9012B	822449
500-270096-15 MSD	3641V-08-B01 (0-2)	Total/NA	Solid	9012B	822449

Analysis Batch: 822833

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-822833/2	Lab Control Sample	Total/NA	Solid	9045D	
LCSD 500-822833/3	Lab Control Sample Dup	Total/NA	Solid	9045D	
500-270096-14 DU	3641V-10-B01 (0-2)	Total/NA	Solid	9045D	

Surrogate Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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)
500-270096-1	3641V-01-B02 (0-7)	103	103	107	99
500-270096-2	3641V-01-B02 (7-13)	104	103	102	102
500-270096-3	3641V-01-B01 (0-3)	107	102	105	105
500-270096-4	3641V-05-B01 (0-5)	108	106	103	105
500-270096-5	3641V-05-B01 (5-10)	128 *3	108	107	111
500-270096-6	3641V-05-B01 (10-15)	129 *3	107	99	126 S1+ *3
500-270096-7	3641V-05-B02 (0-5)	113 *3	106	110	105
500-270096-8	3641V-05-B02 (0-5)D	120 *3	108	111	106
500-270096-9	3641V-05-B02 (5-10)	127	98	93	111
500-270096-10	3641V-05-B03 (0-5)	141 S1+ *3	108	109	128 S1+ *3
500-270096-11	3641V-05-B03 (5-10)	143 S1+ *3	105	100	135 S1+ *3
500-270096-12	3641V-05-B04 (0-2)	141 S1+ *3	114	115	129 S1+ *3
500-270096-13	3641V-09-B01 (0-2)	131 *3	103	107	118
500-270096-14	3641V-10-B01 (0-2)	114	101	102	107
500-270096-15	3641V-08-B01 (0-2)	153 S1+	99	98	118
500-270096-16	3641V-06-B02 (0-2)	114	98	102	106
500-270096-17	3641V-06-B01 (0-2)	113	95	99	107
500-270096-18	3641V-04-B02 (0-2)	119	98	98	107
500-270096-19	3641V-04-B01 (0-2)	115	97	99	108
LCS 500-823222/7	Lab Control Sample	98	99	98	98
LCS 500-823459/2	Lab Control Sample	111	95	89	107
LCS 500-823604/4	Lab Control Sample	114	95	92	106
LCS 500-823845/6	Lab Control Sample	98	98	99	102
LCSD 500-823222/8	Lab Control Sample Dup	99	98	96	101
LCSD 500-823459/3	Lab Control Sample Dup	113	96	90	108
LCSD 500-823604/5	Lab Control Sample Dup	114	95	90	108
LCSD 500-823845/9	Lab Control Sample Dup	102	99	101	107
MB 500-823222/5	Method Blank	100	107	107	99
MB 500-823459/6	Method Blank	113	95	90	107
MB 500-823604/7	Method Blank	114	93	92	106
MB 500-823845/8	Method Blank	100	100	100	103

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)
500-270096-1	3641V-01-B02 (0-7)	76	80	89	82	75	91
500-270096-2	3641V-01-B02 (7-13)	78	80	86	77	72	77
500-270096-3	3641V-01-B01 (0-3)	74	77	88	78	73	88

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Surrogate Summary

Client: WSP USA Inc

Job ID: 500-270096-1

Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

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)
500-270096-4	3641V-05-B01 (0-5)	64	63	65	67	64	82
500-270096-5	3641V-05-B01 (5-10)	80	85	95	82	81	99
500-270096-6	3641V-05-B01 (10-15)	76	77	88	79	71	98
500-270096-7	3641V-05-B02 (0-5)	79	84	93	84	84	97
500-270096-8	3641V-05-B02 (0-5)D	79	84	91	82	81	98
500-270096-9	3641V-05-B02 (5-10)	81	85	97	86	54	86
500-270096-10	3641V-05-B03 (0-5)	79	86	94	88	85	97
500-270096-11	3641V-05-B03 (5-10)	66	71	78	69	55	85
500-270096-12	3641V-05-B04 (0-2)	74	80	88	82	80	93
500-270096-13	3641V-09-B01 (0-2)	80	84	94	84	79	94
500-270096-14	3641V-10-B01 (0-2)	91	94	108	95	87	102
500-270096-15	3641V-08-B01 (0-2)	81	85	96	87	75	96
500-270096-16	3641V-06-B02 (0-2)	83	88	99	90	87	98
500-270096-17	3641V-06-B01 (0-2)	82	86	94	88	84	95
500-270096-18	3641V-04-B02 (0-2)	68	77	82	78	86	98
500-270096-19	3641V-04-B01 (0-2)	68	74	79	73	85	101
LCS 500-823218/2-A	Lab Control Sample	79	80	94	83	91	95
LCS 500-823337/2-A	Lab Control Sample	76	75	76	84	83	91
MB 500-823218/1-A	Method Blank	86	89	101	86	86	96
MB 500-823337/1-A	Method Blank	83	80	80	86	76	100

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-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-823222/5

Matrix: Solid

Analysis Batch: 823222

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			06/25/25 09:32	1
Benzene	<0.0020		0.0020	0.00063	mg/Kg			06/25/25 09:32	1
Bromodichloromethane	<0.0020		0.0020	0.00064	mg/Kg			06/25/25 09:32	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg			06/25/25 09:32	1
Bromomethane	<0.0050		0.0050	0.0025	mg/Kg			06/25/25 09:32	1
2-Butanone (MEK)	<0.0050		0.0050	0.0022	mg/Kg			06/25/25 09:32	1
Carbon disulfide	<0.0050		0.0050	0.00092	mg/Kg			06/25/25 09:32	1
Carbon tetrachloride	<0.0020		0.0020	0.00068	mg/Kg			06/25/25 09:32	1
Chlorobenzene	<0.0020		0.0020	0.00084	mg/Kg			06/25/25 09:32	1
Chloroethane	<0.0050		0.0050	0.0016	mg/Kg			06/25/25 09:32	1
Chloroform	<0.0020		0.0020	0.0014	mg/Kg			06/25/25 09:32	1
Chloromethane	<0.0050		0.0050	0.00097	mg/Kg			06/25/25 09:32	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00081	mg/Kg			06/25/25 09:32	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00080	mg/Kg			06/25/25 09:32	1
Dibromochloromethane	<0.0020		0.0020	0.00093	mg/Kg			06/25/25 09:32	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0035	mg/Kg			06/25/25 09:32	1
1,1-Dichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/25/25 09:32	1
1,2-Dichloroethane	<0.0050		0.0050	0.0013	mg/Kg			06/25/25 09:32	1
1,1-Dichloroethene	<0.0020		0.0020	0.00082	mg/Kg			06/25/25 09:32	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg			06/25/25 09:32	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00096	mg/Kg			06/25/25 09:32	1
Ethylbenzene	<0.0020		0.0020	0.0011	mg/Kg			06/25/25 09:32	1
2-Hexanone	<0.0050		0.0050	0.0030	mg/Kg			06/25/25 09:32	1
Methylene Chloride	<0.0050		0.0050	0.0021	mg/Kg			06/25/25 09:32	1
4-Methyl-2-pentanone (MIBK)	<0.0050		0.0050	0.0036	mg/Kg			06/25/25 09:32	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00065	mg/Kg			06/25/25 09:32	1
Styrene	<0.0020		0.0020	0.00090	mg/Kg			06/25/25 09:32	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00099	mg/Kg			06/25/25 09:32	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg			06/25/25 09:32	1
Toluene	<0.0020		0.0020	0.00040	mg/Kg			06/25/25 09:32	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00076	mg/Kg			06/25/25 09:32	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00096	mg/Kg			06/25/25 09:32	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00081	mg/Kg			06/25/25 09:32	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/25/25 09:32	1
Trichloroethene	<0.0020		0.0020	0.00054	mg/Kg			06/25/25 09:32	1
Vinyl acetate	<0.0050		0.0050	0.0012	mg/Kg			06/25/25 09:32	1
Vinyl chloride	<0.0020		0.0020	0.00082	mg/Kg			06/25/25 09:32	1
Xylenes, Total	<0.0040		0.0040	0.00069	mg/Kg			06/25/25 09:32	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		75 - 131		06/25/25 09:32	1
Dibromofluoromethane	107		75 - 126		06/25/25 09:32	1
1,2-Dichloroethane-d4 (Surr)	107		70 - 134		06/25/25 09:32	1
Toluene-d8 (Surr)	99		75 - 124		06/25/25 09:32	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823222/7

Matrix: Solid

Analysis Batch: 823222

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	0.0428		mg/Kg		86	40 - 150
Benzene	0.0500	0.0483		mg/Kg		97	70 - 125
Bromodichloromethane	0.0500	0.0487		mg/Kg		97	67 - 129
Bromoform	0.0500	0.0454		mg/Kg		91	68 - 136
Bromomethane	0.0500	0.0347	*-	mg/Kg		69	70 - 130
2-Butanone (MEK)	0.0500	0.0411		mg/Kg		82	47 - 138
Carbon disulfide	0.0500	0.0557		mg/Kg		111	70 - 129
Carbon tetrachloride	0.0500	0.0523		mg/Kg		105	75 - 125
Chlorobenzene	0.0500	0.0465		mg/Kg		93	50 - 150
Chloroethane	0.0500	0.0470		mg/Kg		94	75 - 125
Chloroform	0.0500	0.0463		mg/Kg		93	57 - 135
Chloromethane	0.0500	0.0518		mg/Kg		104	70 - 125
cis-1,2-Dichloroethene	0.0500	0.0484		mg/Kg		97	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0484		mg/Kg		97	70 - 125
Dibromochloromethane	0.0500	0.0420		mg/Kg		84	69 - 125
1,2-Dibromo-3-Chloropropane	0.0500	0.0449		mg/Kg		90	60 - 136
1,1-Dichloroethane	0.0500	0.0488		mg/Kg		98	70 - 125
1,2-Dichloroethane	0.0500	0.0466		mg/Kg		93	70 - 130
1,1-Dichloroethene	0.0500	0.0524		mg/Kg		105	70 - 120
1,2-Dichloropropane	0.0500	0.0465		mg/Kg		93	70 - 125
Ethylbenzene	0.0500	0.0473		mg/Kg		95	61 - 136
2-Hexanone	0.0500	0.0394		mg/Kg		79	48 - 146
Methylene Chloride	0.0500	0.0456		mg/Kg		91	70 - 126
4-Methyl-2-pentanone (MIBK)	0.0500	0.0400		mg/Kg		80	50 - 148
Methyl tert-butyl ether	0.0500	0.0472		mg/Kg		94	50 - 140
Styrene	0.0500	0.0479		mg/Kg		96	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0456		mg/Kg		91	70 - 122
Tetrachloroethene	0.0500	0.0494		mg/Kg		99	70 - 124
Toluene	0.0500	0.0472		mg/Kg		94	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0502		mg/Kg		100	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0486		mg/Kg		97	70 - 125
1,1,1-Trichloroethane	0.0500	0.0495		mg/Kg		99	70 - 128
1,1,2-Trichloroethane	0.0500	0.0467		mg/Kg		93	70 - 125
Trichloroethene	0.0500	0.0499		mg/Kg		100	70 - 125
Vinyl acetate	0.0500	0.0506		mg/Kg		101	40 - 153
Vinyl chloride	0.0500	0.0582		mg/Kg		116	70 - 125
Xylenes, Total	0.100	0.0917		mg/Kg		92	53 - 147

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	98		75 - 131
Dibromofluoromethane	99		75 - 126
1,2-Dichloroethane-d4 (Surr)	98		70 - 134
Toluene-d8 (Surr)	98		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCSD 500-823222/8

Matrix: Solid

Analysis Batch: 823222

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	0.0438		mg/Kg		88	40 - 150	2	30
Benzene	0.0500	0.0493		mg/Kg		99	70 - 125	2	30
Bromodichloromethane	0.0500	0.0502		mg/Kg		100	67 - 129	3	30
Bromoform	0.0500	0.0507		mg/Kg		101	68 - 136	11	30
Bromomethane	0.0500	0.0348		mg/Kg		70	70 - 130	0	30
2-Butanone (MEK)	0.0500	0.0410		mg/Kg		82	47 - 138	0	30
Carbon disulfide	0.0500	0.0563		mg/Kg		113	70 - 129	1	30
Carbon tetrachloride	0.0500	0.0540		mg/Kg		108	75 - 125	3	30
Chlorobenzene	0.0500	0.0484		mg/Kg		97	50 - 150	4	30
Chloroethane	0.0500	0.0415		mg/Kg		83	75 - 125	12	30
Chloroform	0.0500	0.0475		mg/Kg		95	57 - 135	2	30
Chloromethane	0.0500	0.0515		mg/Kg		103	70 - 125	1	30
cis-1,2-Dichloroethene	0.0500	0.0503		mg/Kg		101	70 - 125	4	30
cis-1,3-Dichloropropene	0.0500	0.0512		mg/Kg		102	70 - 125	6	30
Dibromochloromethane	0.0500	0.0444		mg/Kg		89	69 - 125	6	30
1,2-Dibromo-3-Chloropropane	0.0500	0.0475		mg/Kg		95	60 - 136	6	30
1,1-Dichloroethane	0.0500	0.0493		mg/Kg		99	70 - 125	1	30
1,2-Dichloroethane	0.0500	0.0481		mg/Kg		96	70 - 130	3	30
1,1-Dichloroethene	0.0500	0.0522		mg/Kg		104	70 - 120	0	30
1,2-Dichloropropane	0.0500	0.0482		mg/Kg		96	70 - 125	3	30
Ethylbenzene	0.0500	0.0485		mg/Kg		97	61 - 136	2	30
2-Hexanone	0.0500	0.0421		mg/Kg		84	48 - 146	7	30
Methylene Chloride	0.0500	0.0451		mg/Kg		90	70 - 126	1	30
4-Methyl-2-pentanone (MIBK)	0.0500	0.0425		mg/Kg		85	50 - 148	6	30
Methyl tert-butyl ether	0.0500	0.0495		mg/Kg		99	50 - 140	5	30
Styrene	0.0500	0.0504		mg/Kg		101	70 - 125	5	30
1,1,2,2-Tetrachloroethane	0.0500	0.0481		mg/Kg		96	70 - 122	5	30
Tetrachloroethene	0.0500	0.0519		mg/Kg		104	70 - 124	5	30
Toluene	0.0500	0.0490		mg/Kg		98	70 - 125	4	30
trans-1,2-Dichloroethene	0.0500	0.0504		mg/Kg		101	70 - 125	0	30
trans-1,3-Dichloropropene	0.0500	0.0524		mg/Kg		105	70 - 125	7	30
1,1,1-Trichloroethane	0.0500	0.0506		mg/Kg		101	70 - 128	2	30
1,1,2-Trichloroethane	0.0500	0.0503		mg/Kg		101	70 - 125	7	30
Trichloroethene	0.0500	0.0516		mg/Kg		103	70 - 125	3	30
Vinyl acetate	0.0500	0.0545		mg/Kg		109	40 - 153	7	30
Vinyl chloride	0.0500	0.0587		mg/Kg		117	70 - 125	1	30
Xylenes, Total	0.100	0.0949		mg/Kg		95	53 - 147	3	30

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	99		75 - 131
Dibromofluoromethane	98		75 - 126
1,2-Dichloroethane-d4 (Surr)	96		70 - 134
Toluene-d8 (Surr)	101		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-823459/6

Matrix: Solid

Analysis Batch: 823459

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			06/26/25 12:15	1
Benzene	<0.0020		0.0020	0.00063	mg/Kg			06/26/25 12:15	1
Bromodichloromethane	<0.0020		0.0020	0.00064	mg/Kg			06/26/25 12:15	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg			06/26/25 12:15	1
Bromomethane	<0.0050		0.0050	0.0025	mg/Kg			06/26/25 12:15	1
2-Butanone (MEK)	<0.0050		0.0050	0.0022	mg/Kg			06/26/25 12:15	1
Carbon disulfide	<0.0050		0.0050	0.00092	mg/Kg			06/26/25 12:15	1
Carbon tetrachloride	<0.0020		0.0020	0.00068	mg/Kg			06/26/25 12:15	1
Chlorobenzene	<0.0020		0.0020	0.00084	mg/Kg			06/26/25 12:15	1
Chloroethane	<0.0050		0.0050	0.0016	mg/Kg			06/26/25 12:15	1
Chloroform	<0.0020		0.0020	0.0014	mg/Kg			06/26/25 12:15	1
Chloromethane	<0.0050		0.0050	0.00097	mg/Kg			06/26/25 12:15	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00081	mg/Kg			06/26/25 12:15	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00080	mg/Kg			06/26/25 12:15	1
Dibromochloromethane	<0.0020		0.0020	0.00093	mg/Kg			06/26/25 12:15	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0035	mg/Kg			06/26/25 12:15	1
1,1-Dichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/26/25 12:15	1
1,2-Dichloroethane	<0.0050		0.0050	0.0013	mg/Kg			06/26/25 12:15	1
1,1-Dichloroethene	<0.0020		0.0020	0.00082	mg/Kg			06/26/25 12:15	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg			06/26/25 12:15	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00096	mg/Kg			06/26/25 12:15	1
Ethylbenzene	<0.0020		0.0020	0.0011	mg/Kg			06/26/25 12:15	1
2-Hexanone	<0.0050		0.0050	0.0030	mg/Kg			06/26/25 12:15	1
Methylene Chloride	<0.0050		0.0050	0.0021	mg/Kg			06/26/25 12:15	1
4-Methyl-2-pentanone (MIBK)	<0.0050		0.0050	0.0036	mg/Kg			06/26/25 12:15	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00065	mg/Kg			06/26/25 12:15	1
Styrene	<0.0020		0.0020	0.00090	mg/Kg			06/26/25 12:15	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00099	mg/Kg			06/26/25 12:15	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg			06/26/25 12:15	1
Toluene	<0.0020		0.0020	0.00040	mg/Kg			06/26/25 12:15	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00076	mg/Kg			06/26/25 12:15	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00096	mg/Kg			06/26/25 12:15	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00081	mg/Kg			06/26/25 12:15	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/26/25 12:15	1
Trichloroethene	<0.0020		0.0020	0.00054	mg/Kg			06/26/25 12:15	1
Vinyl acetate	<0.0050		0.0050	0.0012	mg/Kg			06/26/25 12:15	1
Vinyl chloride	<0.0020		0.0020	0.00082	mg/Kg			06/26/25 12:15	1
Xylenes, Total	<0.0040		0.0040	0.00069	mg/Kg			06/26/25 12:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		75 - 131		06/26/25 12:15	1
Dibromofluoromethane	95		75 - 126		06/26/25 12:15	1
1,2-Dichloroethane-d4 (Surr)	90		70 - 134		06/26/25 12:15	1
Toluene-d8 (Surr)	107		75 - 124		06/26/25 12:15	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823459/2

Matrix: Solid

Analysis Batch: 823459

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	0.0355		mg/Kg		71	40 - 150
Benzene	0.0500	0.0591		mg/Kg		118	70 - 125
Bromodichloromethane	0.0500	0.0538		mg/Kg		108	67 - 129
Bromoform	0.0500	0.0491		mg/Kg		98	68 - 136
Bromomethane	0.0500	0.0422		mg/Kg		84	70 - 130
2-Butanone (MEK)	0.0500	0.0392		mg/Kg		78	47 - 138
Carbon disulfide	0.0500	0.0529		mg/Kg		106	70 - 129
Carbon tetrachloride	0.0500	0.0541		mg/Kg		108	75 - 125
Chlorobenzene	0.0500	0.0593		mg/Kg		119	50 - 150
Chloroethane	0.0500	0.0433		mg/Kg		87	75 - 125
Chloroform	0.0500	0.0563		mg/Kg		113	57 - 135
Chloromethane	0.0500	0.0344	*-	mg/Kg		69	70 - 125
cis-1,2-Dichloroethene	0.0500	0.0590		mg/Kg		118	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0600		mg/Kg		120	70 - 125
Dibromochloromethane	0.0500	0.0532		mg/Kg		106	69 - 125
1,2-Dibromo-3-Chloropropane	0.0500	0.0577		mg/Kg		115	60 - 136
1,1-Dichloroethane	0.0500	0.0546		mg/Kg		109	70 - 125
1,2-Dichloroethane	0.0500	0.0520		mg/Kg		104	70 - 130
1,1-Dichloroethene	0.0500	0.0524		mg/Kg		105	70 - 120
1,2-Dichloropropane	0.0500	0.0556		mg/Kg		111	70 - 125
Ethylbenzene	0.0500	0.0579		mg/Kg		116	61 - 136
2-Hexanone	0.0500	0.0410		mg/Kg		82	48 - 146
Methylene Chloride	0.0500	0.0496		mg/Kg		99	70 - 126
4-Methyl-2-pentanone (MIBK)	0.0500	0.0421		mg/Kg		84	50 - 148
Methyl tert-butyl ether	0.0500	0.0563		mg/Kg		113	50 - 140
Styrene	0.0500	0.0571		mg/Kg		114	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0597		mg/Kg		119	70 - 122
Tetrachloroethene	0.0500	0.0557		mg/Kg		111	70 - 124
Toluene	0.0500	0.0607		mg/Kg		121	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0597		mg/Kg		119	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0565		mg/Kg		113	70 - 125
1,1,1-Trichloroethane	0.0500	0.0543		mg/Kg		109	70 - 128
1,1,2-Trichloroethane	0.0500	0.0580		mg/Kg		116	70 - 125
Trichloroethene	0.0500	0.0585		mg/Kg		117	70 - 125
Vinyl acetate	0.0500	0.0441		mg/Kg		88	40 - 153
Vinyl chloride	0.0500	0.0435		mg/Kg		87	70 - 125
Xylenes, Total	0.100	0.116		mg/Kg		116	53 - 147

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		75 - 131
Dibromofluoromethane	95		75 - 126
1,2-Dichloroethane-d4 (Surr)	89		70 - 134
Toluene-d8 (Surr)	107		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCSD 500-823459/3

Matrix: Solid

Analysis Batch: 823459

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	0.0330		mg/Kg		66	40 - 150	7	30
Benzene	0.0500	0.0503		mg/Kg		101	70 - 125	16	30
Bromodichloromethane	0.0500	0.0467		mg/Kg		93	67 - 129	14	30
Bromoform	0.0500	0.0429		mg/Kg		86	68 - 136	13	30
Bromomethane	0.0500	0.0420		mg/Kg		84	70 - 130	0	30
2-Butanone (MEK)	0.0500	0.0374		mg/Kg		75	47 - 138	5	30
Carbon disulfide	0.0500	0.0460		mg/Kg		92	70 - 129	14	30
Carbon tetrachloride	0.0500	0.0461		mg/Kg		92	75 - 125	16	30
Chlorobenzene	0.0500	0.0511		mg/Kg		102	50 - 150	15	30
Chloroethane	0.0500	0.0449		mg/Kg		90	75 - 125	4	30
Chloroform	0.0500	0.0473		mg/Kg		95	57 - 135	17	30
Chloromethane	0.0500	0.0354		mg/Kg		71	70 - 125	3	30
cis-1,2-Dichloroethene	0.0500	0.0505		mg/Kg		101	70 - 125	16	30
cis-1,3-Dichloropropene	0.0500	0.0512		mg/Kg		102	70 - 125	16	30
Dibromochloromethane	0.0500	0.0474		mg/Kg		95	69 - 125	12	30
1,2-Dibromo-3-Chloropropane	0.0500	0.0517		mg/Kg		103	60 - 136	11	30
1,1-Dichloroethane	0.0500	0.0474		mg/Kg		95	70 - 125	14	30
1,2-Dichloroethane	0.0500	0.0457		mg/Kg		91	70 - 130	13	30
1,1-Dichloroethene	0.0500	0.0456		mg/Kg		91	70 - 120	14	30
1,2-Dichloropropane	0.0500	0.0487		mg/Kg		97	70 - 125	13	30
Ethylbenzene	0.0500	0.0500		mg/Kg		100	61 - 136	14	30
2-Hexanone	0.0500	0.0372		mg/Kg		74	48 - 146	10	30
Methylene Chloride	0.0500	0.0426		mg/Kg		85	70 - 126	15	30
4-Methyl-2-pentanone (MIBK)	0.0500	0.0376		mg/Kg		75	50 - 148	11	30
Methyl tert-butyl ether	0.0500	0.0503		mg/Kg		101	50 - 140	11	30
Styrene	0.0500	0.0493		mg/Kg		99	70 - 125	15	30
1,1,2,2-Tetrachloroethane	0.0500	0.0537		mg/Kg		107	70 - 122	11	30
Tetrachloroethene	0.0500	0.0482		mg/Kg		96	70 - 124	14	30
Toluene	0.0500	0.0521		mg/Kg		104	70 - 125	15	30
trans-1,2-Dichloroethene	0.0500	0.0511		mg/Kg		102	70 - 125	15	30
trans-1,3-Dichloropropene	0.0500	0.0503		mg/Kg		101	70 - 125	12	30
1,1,1-Trichloroethane	0.0500	0.0470		mg/Kg		94	70 - 128	14	30
1,1,2-Trichloroethane	0.0500	0.0523		mg/Kg		105	70 - 125	10	30
Trichloroethene	0.0500	0.0493		mg/Kg		99	70 - 125	17	30
Vinyl acetate	0.0500	0.0390		mg/Kg		78	40 - 153	12	30
Vinyl chloride	0.0500	0.0440		mg/Kg		88	70 - 125	1	30
Xylenes, Total	0.100	0.100		mg/Kg		100	53 - 147	15	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		75 - 131
Dibromofluoromethane	96		75 - 126
1,2-Dichloroethane-d4 (Surr)	90		70 - 134
Toluene-d8 (Surr)	108		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-823604/7

Matrix: Solid

Analysis Batch: 823604

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			06/27/25 11:11	1
Benzene	<0.0020		0.0020	0.00063	mg/Kg			06/27/25 11:11	1
Bromodichloromethane	<0.0020		0.0020	0.00064	mg/Kg			06/27/25 11:11	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg			06/27/25 11:11	1
Bromomethane	<0.0050		0.0050	0.0025	mg/Kg			06/27/25 11:11	1
2-Butanone (MEK)	<0.0050		0.0050	0.0022	mg/Kg			06/27/25 11:11	1
Carbon disulfide	<0.0050		0.0050	0.00092	mg/Kg			06/27/25 11:11	1
Carbon tetrachloride	<0.0020		0.0020	0.00068	mg/Kg			06/27/25 11:11	1
Chlorobenzene	<0.0020		0.0020	0.00084	mg/Kg			06/27/25 11:11	1
Chloroethane	<0.0050		0.0050	0.0016	mg/Kg			06/27/25 11:11	1
Chloroform	<0.0020		0.0020	0.0014	mg/Kg			06/27/25 11:11	1
Chloromethane	<0.0050		0.0050	0.00097	mg/Kg			06/27/25 11:11	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00081	mg/Kg			06/27/25 11:11	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00080	mg/Kg			06/27/25 11:11	1
Dibromochloromethane	<0.0020		0.0020	0.00093	mg/Kg			06/27/25 11:11	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0035	mg/Kg			06/27/25 11:11	1
1,1-Dichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/27/25 11:11	1
1,2-Dichloroethane	<0.0050		0.0050	0.0013	mg/Kg			06/27/25 11:11	1
1,1-Dichloroethene	<0.0020		0.0020	0.00082	mg/Kg			06/27/25 11:11	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg			06/27/25 11:11	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00096	mg/Kg			06/27/25 11:11	1
Ethylbenzene	<0.0020		0.0020	0.0011	mg/Kg			06/27/25 11:11	1
2-Hexanone	<0.0050		0.0050	0.0030	mg/Kg			06/27/25 11:11	1
Methylene Chloride	<0.0050		0.0050	0.0021	mg/Kg			06/27/25 11:11	1
4-Methyl-2-pentanone (MIBK)	<0.0050		0.0050	0.0036	mg/Kg			06/27/25 11:11	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00065	mg/Kg			06/27/25 11:11	1
Styrene	<0.0020		0.0020	0.00090	mg/Kg			06/27/25 11:11	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00099	mg/Kg			06/27/25 11:11	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg			06/27/25 11:11	1
Toluene	<0.0020		0.0020	0.00040	mg/Kg			06/27/25 11:11	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00076	mg/Kg			06/27/25 11:11	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00096	mg/Kg			06/27/25 11:11	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00081	mg/Kg			06/27/25 11:11	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/27/25 11:11	1
Trichloroethene	<0.0020		0.0020	0.00054	mg/Kg			06/27/25 11:11	1
Vinyl acetate	<0.0050		0.0050	0.0012	mg/Kg			06/27/25 11:11	1
Vinyl chloride	<0.0020		0.0020	0.00082	mg/Kg			06/27/25 11:11	1
Xylenes, Total	<0.0040		0.0040	0.00069	mg/Kg			06/27/25 11:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		75 - 131		06/27/25 11:11	1
Dibromofluoromethane	93		75 - 126		06/27/25 11:11	1
1,2-Dichloroethane-d4 (Surr)	92		70 - 134		06/27/25 11:11	1
Toluene-d8 (Surr)	106		75 - 124		06/27/25 11:11	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823604/4

Matrix: Solid

Analysis Batch: 823604

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	0.0365		mg/Kg		73	40 - 150
Benzene	0.0500	0.0558		mg/Kg		112	70 - 125
Bromodichloromethane	0.0500	0.0507		mg/Kg		101	67 - 129
Bromoform	0.0500	0.0452		mg/Kg		90	68 - 136
Bromomethane	0.0500	0.0478		mg/Kg		96	70 - 130
2-Butanone (MEK)	0.0500	0.0402		mg/Kg		80	47 - 138
Carbon disulfide	0.0500	0.0503		mg/Kg		101	70 - 129
Carbon tetrachloride	0.0500	0.0513		mg/Kg		103	75 - 125
Chlorobenzene	0.0500	0.0550		mg/Kg		110	50 - 150
Chloroethane	0.0500	0.0481		mg/Kg		96	75 - 125
Chloroform	0.0500	0.0519		mg/Kg		104	57 - 135
Chloromethane	0.0500	0.0437		mg/Kg		87	70 - 125
cis-1,2-Dichloroethene	0.0500	0.0553		mg/Kg		111	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0543		mg/Kg		109	70 - 125
Dibromochloromethane	0.0500	0.0498		mg/Kg		100	69 - 125
1,2-Dibromo-3-Chloropropane	0.0500	0.0560		mg/Kg		112	60 - 136
1,1-Dichloroethane	0.0500	0.0519		mg/Kg		104	70 - 125
1,2-Dichloroethane	0.0500	0.0491		mg/Kg		98	70 - 130
1,1-Dichloroethene	0.0500	0.0501		mg/Kg		100	70 - 120
1,2-Dichloropropane	0.0500	0.0526		mg/Kg		105	70 - 125
Ethylbenzene	0.0500	0.0549		mg/Kg		110	61 - 136
2-Hexanone	0.0500	0.0373		mg/Kg		75	48 - 146
Methylene Chloride	0.0500	0.0491		mg/Kg		98	70 - 126
4-Methyl-2-pentanone (MIBK)	0.0500	0.0393		mg/Kg		79	50 - 148
Methyl tert-butyl ether	0.0500	0.0541		mg/Kg		108	50 - 140
Styrene	0.0500	0.0536		mg/Kg		107	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0551		mg/Kg		110	70 - 122
Tetrachloroethene	0.0500	0.0524		mg/Kg		105	70 - 124
Toluene	0.0500	0.0561		mg/Kg		112	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0566		mg/Kg		113	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0526		mg/Kg		105	70 - 125
1,1,1-Trichloroethane	0.0500	0.0522		mg/Kg		104	70 - 128
1,1,2-Trichloroethane	0.0500	0.0553		mg/Kg		111	70 - 125
Trichloroethene	0.0500	0.0566		mg/Kg		113	70 - 125
Vinyl acetate	0.0500	0.0389		mg/Kg		78	40 - 153
Vinyl chloride	0.0500	0.0512		mg/Kg		102	70 - 125
Xylenes, Total	0.100	0.109		mg/Kg		109	53 - 147

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	114		75 - 131
Dibromofluoromethane	95		75 - 126
1,2-Dichloroethane-d4 (Surr)	92		70 - 134
Toluene-d8 (Surr)	106		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCSD 500-823604/5

Matrix: Solid

Analysis Batch: 823604

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	0.0354		mg/Kg		71	40 - 150	3	30
Benzene	0.0500	0.0533		mg/Kg		107	70 - 125	5	30
Bromodichloromethane	0.0500	0.0484		mg/Kg		97	67 - 129	4	30
Bromoform	0.0500	0.0435		mg/Kg		87	68 - 136	4	30
Bromomethane	0.0500	0.0461		mg/Kg		92	70 - 130	4	30
2-Butanone (MEK)	0.0500	0.0365		mg/Kg		73	47 - 138	10	30
Carbon disulfide	0.0500	0.0495		mg/Kg		99	70 - 129	1	30
Carbon tetrachloride	0.0500	0.0504		mg/Kg		101	75 - 125	2	30
Chlorobenzene	0.0500	0.0543		mg/Kg		109	50 - 150	1	30
Chloroethane	0.0500	0.0479		mg/Kg		96	75 - 125	1	30
Chloroform	0.0500	0.0506		mg/Kg		101	57 - 135	2	30
Chloromethane	0.0500	0.0421		mg/Kg		84	70 - 125	4	30
cis-1,2-Dichloroethene	0.0500	0.0539		mg/Kg		108	70 - 125	3	30
cis-1,3-Dichloropropene	0.0500	0.0537		mg/Kg		107	70 - 125	1	30
Dibromochloromethane	0.0500	0.0482		mg/Kg		96	69 - 125	3	30
1,2-Dibromo-3-Chloropropane	0.0500	0.0511		mg/Kg		102	60 - 136	9	30
1,1-Dichloroethane	0.0500	0.0502		mg/Kg		100	70 - 125	3	30
1,2-Dichloroethane	0.0500	0.0472		mg/Kg		94	70 - 130	4	30
1,1-Dichloroethene	0.0500	0.0483		mg/Kg		97	70 - 120	4	30
1,2-Dichloropropane	0.0500	0.0509		mg/Kg		102	70 - 125	3	30
Ethylbenzene	0.0500	0.0527		mg/Kg		105	61 - 136	4	30
2-Hexanone	0.0500	0.0353		mg/Kg		71	48 - 146	5	30
Methylene Chloride	0.0500	0.0494		mg/Kg		99	70 - 126	1	30
4-Methyl-2-pentanone (MIBK)	0.0500	0.0371		mg/Kg		74	50 - 148	6	30
Methyl tert-butyl ether	0.0500	0.0521		mg/Kg		104	50 - 140	4	30
Styrene	0.0500	0.0513		mg/Kg		103	70 - 125	4	30
1,1,2,2-Tetrachloroethane	0.0500	0.0518		mg/Kg		104	70 - 122	6	30
Tetrachloroethene	0.0500	0.0514		mg/Kg		103	70 - 124	2	30
Toluene	0.0500	0.0555		mg/Kg		111	70 - 125	1	30
trans-1,2-Dichloroethene	0.0500	0.0555		mg/Kg		111	70 - 125	2	30
trans-1,3-Dichloropropene	0.0500	0.0513		mg/Kg		103	70 - 125	2	30
1,1,1-Trichloroethane	0.0500	0.0506		mg/Kg		101	70 - 128	3	30
1,1,2-Trichloroethane	0.0500	0.0527		mg/Kg		105	70 - 125	5	30
Trichloroethene	0.0500	0.0544		mg/Kg		109	70 - 125	4	30
Vinyl acetate	0.0500	0.0363		mg/Kg		73	40 - 153	7	30
Vinyl chloride	0.0500	0.0488		mg/Kg		98	70 - 125	5	30
Xylenes, Total	0.100	0.105		mg/Kg		105	53 - 147	3	30

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	114		75 - 131
Dibromofluoromethane	95		75 - 126
1,2-Dichloroethane-d4 (Surr)	90		70 - 134
Toluene-d8 (Surr)	108		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-823845/8

Matrix: Solid

Analysis Batch: 823845

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			06/30/25 11:25	1
Benzene	<0.0020		0.0020	0.00063	mg/Kg			06/30/25 11:25	1
Bromodichloromethane	<0.0020		0.0020	0.00064	mg/Kg			06/30/25 11:25	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg			06/30/25 11:25	1
Bromomethane	<0.0050		0.0050	0.0025	mg/Kg			06/30/25 11:25	1
2-Butanone (MEK)	<0.0050		0.0050	0.0022	mg/Kg			06/30/25 11:25	1
Carbon disulfide	<0.0050		0.0050	0.00092	mg/Kg			06/30/25 11:25	1
Carbon tetrachloride	<0.0020		0.0020	0.00068	mg/Kg			06/30/25 11:25	1
Chlorobenzene	<0.0020		0.0020	0.00084	mg/Kg			06/30/25 11:25	1
Chloroethane	<0.0050		0.0050	0.0016	mg/Kg			06/30/25 11:25	1
Chloroform	<0.0020		0.0020	0.0014	mg/Kg			06/30/25 11:25	1
Chloromethane	<0.0050		0.0050	0.00097	mg/Kg			06/30/25 11:25	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00081	mg/Kg			06/30/25 11:25	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00080	mg/Kg			06/30/25 11:25	1
Dibromochloromethane	<0.0020		0.0020	0.00093	mg/Kg			06/30/25 11:25	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0035	mg/Kg			06/30/25 11:25	1
1,1-Dichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/30/25 11:25	1
1,2-Dichloroethane	<0.0050		0.0050	0.0013	mg/Kg			06/30/25 11:25	1
1,1-Dichloroethene	<0.0020		0.0020	0.00082	mg/Kg			06/30/25 11:25	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg			06/30/25 11:25	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00096	mg/Kg			06/30/25 11:25	1
Ethylbenzene	<0.0020		0.0020	0.0011	mg/Kg			06/30/25 11:25	1
2-Hexanone	<0.0050		0.0050	0.0030	mg/Kg			06/30/25 11:25	1
Methylene Chloride	<0.0050		0.0050	0.0021	mg/Kg			06/30/25 11:25	1
4-Methyl-2-pentanone (MIBK)	<0.0050		0.0050	0.0036	mg/Kg			06/30/25 11:25	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00065	mg/Kg			06/30/25 11:25	1
Styrene	<0.0020		0.0020	0.00090	mg/Kg			06/30/25 11:25	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00099	mg/Kg			06/30/25 11:25	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg			06/30/25 11:25	1
Toluene	<0.0020		0.0020	0.00040	mg/Kg			06/30/25 11:25	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00076	mg/Kg			06/30/25 11:25	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00096	mg/Kg			06/30/25 11:25	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00081	mg/Kg			06/30/25 11:25	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/30/25 11:25	1
Trichloroethene	<0.0020		0.0020	0.00054	mg/Kg			06/30/25 11:25	1
Vinyl acetate	<0.0050		0.0050	0.0012	mg/Kg			06/30/25 11:25	1
Vinyl chloride	<0.0020		0.0020	0.00082	mg/Kg			06/30/25 11:25	1
Xylenes, Total	<0.0040		0.0040	0.00069	mg/Kg			06/30/25 11:25	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		75 - 131		06/30/25 11:25	1
Dibromofluoromethane	100		75 - 126		06/30/25 11:25	1
1,2-Dichloroethane-d4 (Surr)	100		70 - 134		06/30/25 11:25	1
Toluene-d8 (Surr)	103		75 - 124		06/30/25 11:25	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823845/6

Matrix: Solid

Analysis Batch: 823845

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	0.0429		mg/Kg		86	40 - 150
Benzene	0.0500	0.0519		mg/Kg		104	70 - 125
Bromodichloromethane	0.0500	0.0491		mg/Kg		98	67 - 129
Bromoform	0.0500	0.0489		mg/Kg		98	68 - 136
Bromomethane	0.0500	0.0576		mg/Kg		115	70 - 130
2-Butanone (MEK)	0.0500	0.0469		mg/Kg		94	47 - 138
Carbon disulfide	0.0500	0.0497		mg/Kg		99	70 - 129
Carbon tetrachloride	0.0500	0.0441		mg/Kg		88	75 - 125
Chlorobenzene	0.0500	0.0484		mg/Kg		97	50 - 150
Chloroethane	0.0500	0.0490		mg/Kg		98	75 - 125
Chloroform	0.0500	0.0458		mg/Kg		92	57 - 135
Chloromethane	0.0500	0.0522		mg/Kg		104	70 - 125
cis-1,2-Dichloroethene	0.0500	0.0495		mg/Kg		99	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0525		mg/Kg		105	70 - 125
Dibromochloromethane	0.0500	0.0497		mg/Kg		99	69 - 125
1,2-Dibromo-3-Chloropropane	0.0500	0.0506		mg/Kg		101	60 - 136
1,1-Dichloroethane	0.0500	0.0491		mg/Kg		98	70 - 125
1,2-Dichloroethane	0.0500	0.0475		mg/Kg		95	70 - 130
1,1-Dichloroethene	0.0500	0.0492		mg/Kg		98	70 - 120
1,2-Dichloropropane	0.0500	0.0508		mg/Kg		102	70 - 125
Ethylbenzene	0.0500	0.0548		mg/Kg		110	61 - 136
2-Hexanone	0.0500	0.0520		mg/Kg		104	48 - 146
Methylene Chloride	0.0500	0.0516		mg/Kg		103	70 - 126
4-Methyl-2-pentanone (MIBK)	0.0500	0.0538		mg/Kg		108	50 - 148
Methyl tert-butyl ether	0.0500	0.0477		mg/Kg		95	50 - 140
Styrene	0.0500	0.0539		mg/Kg		108	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0575		mg/Kg		115	70 - 122
Tetrachloroethene	0.0500	0.0490		mg/Kg		98	70 - 124
Toluene	0.0500	0.0465		mg/Kg		93	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0487		mg/Kg		97	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0501		mg/Kg		100	70 - 125
1,1,1-Trichloroethane	0.0500	0.0465		mg/Kg		93	70 - 128
1,1,2-Trichloroethane	0.0500	0.0512		mg/Kg		102	70 - 125
Trichloroethene	0.0500	0.0469		mg/Kg		94	70 - 125
Vinyl acetate	0.0500	0.0545		mg/Kg		109	40 - 153
Vinyl chloride	0.0500	0.0526		mg/Kg		105	70 - 125
Xylenes, Total	0.100	0.0988		mg/Kg		99	53 - 147

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	98		75 - 131
Dibromofluoromethane	98		75 - 126
1,2-Dichloroethane-d4 (Surr)	99		70 - 134
Toluene-d8 (Surr)	102		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCSD 500-823845/9

Matrix: Solid

Analysis Batch: 823845

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	0.0334		mg/Kg		67	40 - 150	25	30
Benzene	0.0500	0.0429		mg/Kg		86	70 - 125	19	30
Bromodichloromethane	0.0500	0.0411		mg/Kg		82	67 - 129	18	30
Bromoform	0.0500	0.0385		mg/Kg		77	68 - 136	24	30
Bromomethane	0.0500	0.0441		mg/Kg		88	70 - 130	27	30
2-Butanone (MEK)	0.0500	0.0376		mg/Kg		75	47 - 138	22	30
Carbon disulfide	0.0500	0.0421		mg/Kg		84	70 - 129	17	30
Carbon tetrachloride	0.0500	0.0372	*-	mg/Kg		74	75 - 125	17	30
Chlorobenzene	0.0500	0.0402		mg/Kg		80	50 - 150	18	30
Chloroethane	0.0500	0.0389		mg/Kg		78	75 - 125	23	30
Chloroform	0.0500	0.0378		mg/Kg		76	57 - 135	19	30
Chloromethane	0.0500	0.0409		mg/Kg		82	70 - 125	24	30
cis-1,2-Dichloroethene	0.0500	0.0418		mg/Kg		84	70 - 125	17	30
cis-1,3-Dichloropropene	0.0500	0.0446		mg/Kg		89	70 - 125	16	30
Dibromochloromethane	0.0500	0.0408		mg/Kg		82	69 - 125	20	30
1,2-Dibromo-3-Chloropropane	0.0500	0.0396		mg/Kg		79	60 - 136	24	30
1,1-Dichloroethane	0.0500	0.0405		mg/Kg		81	70 - 125	19	30
1,2-Dichloroethane	0.0500	0.0387		mg/Kg		77	70 - 130	20	30
1,1-Dichloroethene	0.0500	0.0409		mg/Kg		82	70 - 120	18	30
1,2-Dichloropropane	0.0500	0.0429		mg/Kg		86	70 - 125	17	30
Ethylbenzene	0.0500	0.0449		mg/Kg		90	61 - 136	20	30
2-Hexanone	0.0500	0.0430		mg/Kg		86	48 - 146	19	30
Methylene Chloride	0.0500	0.0437		mg/Kg		87	70 - 126	17	30
4-Methyl-2-pentanone (MIBK)	0.0500	0.0439		mg/Kg		88	50 - 148	20	30
Methyl tert-butyl ether	0.0500	0.0390		mg/Kg		78	50 - 140	20	30
Styrene	0.0500	0.0444		mg/Kg		89	70 - 125	19	30
1,1,2,2-Tetrachloroethane	0.0500	0.0479		mg/Kg		96	70 - 122	18	30
Tetrachloroethene	0.0500	0.0404		mg/Kg		81	70 - 124	19	30
Toluene	0.0500	0.0392		mg/Kg		78	70 - 125	17	30
trans-1,2-Dichloroethene	0.0500	0.0417		mg/Kg		83	70 - 125	15	30
trans-1,3-Dichloropropene	0.0500	0.0414		mg/Kg		83	70 - 125	19	30
1,1,1-Trichloroethane	0.0500	0.0383		mg/Kg		77	70 - 128	19	30
1,1,2-Trichloroethane	0.0500	0.0424		mg/Kg		85	70 - 125	19	30
Trichloroethene	0.0500	0.0391		mg/Kg		78	70 - 125	18	30
Vinyl acetate	0.0500	0.0449		mg/Kg		90	40 - 153	19	30
Vinyl chloride	0.0500	0.0426		mg/Kg		85	70 - 125	21	30
Xylenes, Total	0.100	0.0823		mg/Kg		82	53 - 147	18	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		75 - 131
Dibromofluoromethane	99		75 - 126
1,2-Dichloroethane-d4 (Surr)	101		70 - 134
Toluene-d8 (Surr)	107		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-823218/1-A

Matrix: Solid

Analysis Batch: 823426

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 823218

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		06/25/25 07:38	06/26/25 11:47	1
1,2-Dichlorobenzene	<0.17		0.17	0.014	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
1,3-Dichlorobenzene	<0.17		0.17	0.015	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
1,4-Dichlorobenzene	<0.17		0.17	0.016	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,2'-oxybis[1-chloropropane]	<0.17		0.17	0.024	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,4,5-Trichlorophenol	<0.33		0.33	0.013	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,4,6-Trichlorophenol	<0.33		0.33	0.011	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,4-Dichlorophenol	<0.33		0.33	0.012	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,4-Dimethylphenol	<0.33		0.33	0.074	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,4-Dinitrophenol	<0.67		0.67	0.19	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,4-Dinitrotoluene	<0.17		0.17	0.019	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,6-Dinitrotoluene	<0.17		0.17	0.023	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2-Chloronaphthalene	<0.17		0.17	0.012	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2-Chlorophenol	<0.17		0.17	0.011	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2-Methylnaphthalene	<0.067		0.067	0.0067	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2-Methylphenol	<0.17		0.17	0.018	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2-Nitroaniline	<0.17		0.17	0.018	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2-Nitrophenol	<0.33		0.33	0.023	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
3 & 4 Methylphenol	<0.17		0.17	0.024	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
3,3'-Dichlorobenzidine	<0.17		0.17	0.15	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
3-Nitroaniline	<0.33		0.33	0.015	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
4,6-Dinitro-2-methylphenol	<0.67		0.67	0.19	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
4-Bromophenyl phenyl ether	<0.17		0.17	0.023	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
4-Chloro-3-methylphenol	<0.33		0.33	0.028	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
4-Chloroaniline	<0.67		0.67	0.35	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
4-Chlorophenyl phenyl ether	<0.17		0.17	0.044	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
4-Nitroaniline	<0.33		0.33	0.025	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
4-Nitrophenol	<0.67		0.67	0.36	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Acenaphthene	<0.033		0.033	0.0068	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Acenaphthylene	<0.033		0.033	0.0056	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Anthracene	<0.033		0.033	0.0068	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Benzo[a]anthracene	<0.033		0.033	0.0070	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Benzo[a]pyrene	<0.033		0.033	0.032	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Benzo[b]fluoranthene	<0.033		0.033	0.032	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Benzo[g,h,i]perylene	<0.033		0.033	0.015	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Benzo[k]fluoranthene	<0.033		0.033	0.013	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Bis(2-chloroethoxy)methane	<0.17		0.17	0.012	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Bis(2-chloroethyl)ether	<0.17		0.17	0.015	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Bis(2-ethylhexyl) phthalate	<0.17		0.17	0.13	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Butyl benzyl phthalate	<0.17		0.17	0.017	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Carbazole	<0.17		0.17	0.013	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Chrysene	<0.033		0.033	0.0088	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Dibenz(a,h)anthracene	<0.033		0.033	0.033	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Dibenzofuran	<0.17		0.17	0.012	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Diethyl phthalate	<0.17		0.17	0.015	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Dimethyl phthalate	<0.17		0.17	0.0072	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Di-n-butyl phthalate	<0.17		0.17	0.011	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Di-n-octyl phthalate	<0.33		0.33	0.23	mg/Kg		06/25/25 07:38	06/26/25 11:47	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-823218/1-A

Matrix: Solid

Analysis Batch: 823426

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 823218

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	<0.033		0.033	0.0077	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Fluorene	<0.033		0.033	0.0098	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Hexachlorobenzene	<0.067		0.067	0.0064	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Hexachlorobutadiene	<0.17		0.17	0.019	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Hexachlorocyclopentadiene	<0.67		0.67	0.35	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Hexachloroethane	<0.17		0.17	0.017	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Indeno[1,2,3-cd]pyrene	<0.033		0.033	0.032	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Isophorone	<0.17		0.17	0.017	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Naphthalene	<0.033		0.033	0.0060	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Nitrobenzene	<0.033		0.033	0.011	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
N-Nitrosodi-n-propylamine	<0.067		0.067	0.019	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
N-Nitrosodiphenylamine	<0.17		0.17	0.066	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Pentachlorophenol	<0.67		0.67	0.37	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Phenanthrene	<0.033		0.033	0.0072	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Phenol	<0.17		0.17	0.014	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Pyrene	<0.033		0.033	0.0091	mg/Kg		06/25/25 07:38	06/26/25 11:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	86		31 - 166	06/25/25 07:38	06/26/25 11:47	1
Phenol-d5 (Surr)	89		30 - 153	06/25/25 07:38	06/26/25 11:47	1
Nitrobenzene-d5 (Surr)	101		37 - 147	06/25/25 07:38	06/26/25 11:47	1
2-Fluorobiphenyl (Surr)	86		43 - 145	06/25/25 07:38	06/26/25 11:47	1
2,4,6-Tribromophenol (Surr)	86		31 - 143	06/25/25 07:38	06/26/25 11:47	1
Terphenyl-d14 (Surr)	96		42 - 157	06/25/25 07:38	06/26/25 11:47	1

Lab Sample ID: LCS 500-823218/2-A

Matrix: Solid

Analysis Batch: 823426

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823218

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	3.33	2.28		mg/Kg		68	49 - 100
1,2-Dichlorobenzene	3.33	2.15		mg/Kg		64	47 - 94
1,3-Dichlorobenzene	3.33	2.17		mg/Kg		65	47 - 92
1,4-Dichlorobenzene	3.33	2.18		mg/Kg		65	46 - 92
2,2'-oxybis[1-chloropropane]	3.33	2.94		mg/Kg		88	43 - 111
2,4,5-Trichlorophenol	3.33	2.93		mg/Kg		88	48 - 121
2,4,6-Trichlorophenol	3.33	2.82		mg/Kg		85	50 - 121
2,4-Dichlorophenol	3.33	2.49		mg/Kg		75	51 - 109
2,4-Dimethylphenol	3.33	2.54		mg/Kg		76	48 - 93
2,4-Dinitrophenol	6.67	5.79		mg/Kg		87	10 - 130
2,4-Dinitrotoluene	3.33	2.97		mg/Kg		89	65 - 120
2,6-Dinitrotoluene	3.33	3.05		mg/Kg		91	66 - 117
2-Chloronaphthalene	3.33	2.61		mg/Kg		78	60 - 107
2-Chlorophenol	3.33	2.58		mg/Kg		77	50 - 102
2-Methylnaphthalene	3.33	2.57		mg/Kg		77	58 - 103
2-Methylphenol	3.33	2.34		mg/Kg		70	50 - 104
2-Nitroaniline	3.33	3.53		mg/Kg		106	61 - 126
2-Nitrophenol	3.33	2.70		mg/Kg		81	41 - 114

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823218/2-A

Matrix: Solid

Analysis Batch: 823426

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823218

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
3 & 4 Methylphenol	3.33	2.42		mg/Kg		73	49 - 109
3,3'-Dichlorobenzidine	3.33	2.74		mg/Kg		82	36 - 131
3-Nitroaniline	3.33	2.84		mg/Kg		85	44 - 124
4,6-Dinitro-2-methylphenol	6.67	7.01		mg/Kg		105	36 - 138
4-Bromophenyl phenyl ether	3.33	3.07		mg/Kg		92	57 - 124
4-Chloro-3-methylphenol	3.33	2.67		mg/Kg		80	57 - 113
4-Chloroaniline	3.33	2.20		mg/Kg		66	22 - 110
4-Chlorophenyl phenyl ether	3.33	2.48		mg/Kg		75	60 - 112
4-Nitroaniline	3.33	3.02		mg/Kg		91	60 - 115
4-Nitrophenol	6.67	4.48		mg/Kg		67	45 - 126
Acenaphthene	3.33	2.61		mg/Kg		78	63 - 109
Acenaphthylene	3.33	2.81		mg/Kg		84	61 - 115
Anthracene	3.33	3.09		mg/Kg		93	68 - 120
Benzo[a]anthracene	3.33	2.82		mg/Kg		85	70 - 121
Benzo[a]pyrene	3.33	3.32		mg/Kg		100	73 - 132
Benzo[b]fluoranthene	3.33	3.53		mg/Kg		106	68 - 123
Benzo[g,h,i]perylene	3.33	3.14		mg/Kg		94	65 - 126
Benzo[k]fluoranthene	3.33	3.04		mg/Kg		91	64 - 128
Bis(2-chloroethoxy)methane	3.33	2.68		mg/Kg		80	54 - 102
Bis(2-chloroethyl)ether	3.33	2.70		mg/Kg		81	49 - 99
Bis(2-ethylhexyl) phthalate	3.33	3.22		mg/Kg		97	70 - 139
Butyl benzyl phthalate	3.33	3.12		mg/Kg		94	65 - 140
Carbazole	3.33	3.09		mg/Kg		93	68 - 120
Chrysene	3.33	2.91		mg/Kg		87	70 - 123
Dibenz(a,h)anthracene	3.33	2.75		mg/Kg		82	66 - 125
Dibenzofuran	3.33	2.60		mg/Kg		78	64 - 112
Diethyl phthalate	3.33	2.94		mg/Kg		88	66 - 115
Dimethyl phthalate	3.33	2.89		mg/Kg		87	65 - 114
Di-n-butyl phthalate	3.33	3.19		mg/Kg		96	69 - 125
Di-n-octyl phthalate	3.33	3.30		mg/Kg		99	61 - 131
Fluoranthene	3.33	3.09		mg/Kg		93	66 - 123
Fluorene	3.33	2.62		mg/Kg		79	62 - 113
Hexachlorobenzene	3.33	3.11		mg/Kg		93	52 - 126
Hexachlorobutadiene	3.33	2.32		mg/Kg		70	42 - 103
Hexachlorocyclopentadiene	3.33	1.80		mg/Kg		54	10 - 100
Hexachloroethane	3.33	2.23		mg/Kg		67	45 - 95
Indeno[1,2,3-cd]pyrene	3.33	3.51		mg/Kg		105	66 - 131
Isophorone	3.33	2.93		mg/Kg		88	47 - 108
Naphthalene	3.33	2.40		mg/Kg		72	54 - 98
Nitrobenzene	3.33	3.14		mg/Kg		94	52 - 105
N-Nitrosodi-n-propylamine	3.33	2.77		mg/Kg		83	48 - 110
N-Nitrosodiphenylamine	3.33	3.04		mg/Kg		91	67 - 112
Pentachlorophenol	6.67	4.81		mg/Kg		72	32 - 128
Phenanthrene	3.33	3.03		mg/Kg		91	65 - 115
Phenol	3.33	2.52		mg/Kg		76	52 - 110
Pyrene	3.33	3.07		mg/Kg		92	71 - 128

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823218/2-A

Matrix: Solid

Analysis Batch: 823426

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823218

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
2-Fluorophenol (Surr)	79		31 - 166
Phenol-d5 (Surr)	80		30 - 153
Nitrobenzene-d5 (Surr)	94		37 - 147
2-Fluorobiphenyl (Surr)	83		43 - 145
2,4,6-Tribromophenol (Surr)	91		31 - 143
Terphenyl-d14 (Surr)	95		42 - 157

Lab Sample ID: MB 500-823337/1-A

Matrix: Solid

Analysis Batch: 823620

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 823337

Analyte	MB	MB							
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.17		0.17	0.024	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
1,2-Dichlorobenzene	<0.17		0.17	0.014	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
1,3-Dichlorobenzene	<0.17		0.17	0.015	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
1,4-Dichlorobenzene	<0.17		0.17	0.016	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,2'-oxybis[1-chloropropane]	<0.17		0.17	0.024	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,4,5-Trichlorophenol	<0.33		0.33	0.013	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,4,6-Trichlorophenol	<0.33		0.33	0.011	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,4-Dichlorophenol	<0.33		0.33	0.012	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,4-Dimethylphenol	<0.33		0.33	0.074	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,4-Dinitrophenol	<0.67		0.67	0.19	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,4-Dinitrotoluene	<0.17		0.17	0.019	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,6-Dinitrotoluene	<0.17		0.17	0.023	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2-Chloronaphthalene	<0.17		0.17	0.012	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2-Chlorophenol	<0.17		0.17	0.011	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2-Methylnaphthalene	<0.067		0.067	0.0067	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2-Methylphenol	<0.17		0.17	0.018	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2-Nitroaniline	<0.17		0.17	0.018	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2-Nitrophenol	<0.33		0.33	0.023	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
3 & 4 Methylphenol	<0.17		0.17	0.024	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
3,3'-Dichlorobenzidine	<0.17		0.17	0.15	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
3-Nitroaniline	<0.33		0.33	0.015	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
4,6-Dinitro-2-methylphenol	<0.67		0.67	0.19	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
4-Bromophenyl phenyl ether	<0.17		0.17	0.023	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
4-Chloro-3-methylphenol	<0.33		0.33	0.028	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
4-Chloroaniline	<0.67		0.67	0.35	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
4-Chlorophenyl phenyl ether	<0.17		0.17	0.044	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
4-Nitroaniline	<0.33		0.33	0.025	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
4-Nitrophenol	<0.67		0.67	0.36	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Acenaphthene	<0.033		0.033	0.0068	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Acenaphthylene	<0.033		0.033	0.0056	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Anthracene	<0.033		0.033	0.0068	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Benzo[a]anthracene	<0.033		0.033	0.0070	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Benzo[a]pyrene	<0.033		0.033	0.032	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Benzo[b]fluoranthene	<0.033		0.033	0.032	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Benzo[g,h,i]perylene	<0.033		0.033	0.015	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Benzo[k]fluoranthene	<0.033		0.033	0.013	mg/Kg		06/25/25 14:04	06/27/25 11:53	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-823337/1-A

Matrix: Solid

Analysis Batch: 823620

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 823337

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	<0.17		0.17	0.012	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Bis(2-chloroethyl)ether	<0.17		0.17	0.015	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Bis(2-ethylhexyl) phthalate	<0.17		0.17	0.13	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Butyl benzyl phthalate	<0.17		0.17	0.017	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Carbazole	<0.17		0.17	0.013	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Chrysene	<0.033		0.033	0.0088	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Dibenz(a,h)anthracene	<0.033		0.033	0.033	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Dibenzofuran	<0.17		0.17	0.012	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Diethyl phthalate	0.0239	J	0.17	0.015	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Dimethyl phthalate	<0.17		0.17	0.0072	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Di-n-butyl phthalate	<0.17		0.17	0.011	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Di-n-octyl phthalate	<0.33		0.33	0.23	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Fluoranthene	<0.033		0.033	0.0077	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Fluorene	<0.033		0.033	0.0098	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Hexachlorobenzene	<0.067		0.067	0.0064	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Hexachlorobutadiene	<0.17		0.17	0.019	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Hexachlorocyclopentadiene	<0.67		0.67	0.35	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Hexachloroethane	<0.17		0.17	0.017	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Indeno[1,2,3-cd]pyrene	<0.033		0.033	0.032	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Isophorone	<0.17		0.17	0.017	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Naphthalene	<0.033		0.033	0.0060	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Nitrobenzene	<0.033		0.033	0.011	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
N-Nitrosodi-n-propylamine	<0.067		0.067	0.019	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
N-Nitrosodiphenylamine	<0.17		0.17	0.066	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Pentachlorophenol	<0.67		0.67	0.37	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Phenanthrene	<0.033		0.033	0.0072	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Phenol	<0.17		0.17	0.014	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Pyrene	<0.033		0.033	0.0091	mg/Kg		06/25/25 14:04	06/27/25 11:53	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	83		31 - 166	06/25/25 14:04	06/27/25 11:53	1
Phenol-d5 (Surr)	80		30 - 153	06/25/25 14:04	06/27/25 11:53	1
Nitrobenzene-d5 (Surr)	80		37 - 147	06/25/25 14:04	06/27/25 11:53	1
2-Fluorobiphenyl (Surr)	86		43 - 145	06/25/25 14:04	06/27/25 11:53	1
2,4,6-Tribromophenol (Surr)	76		31 - 143	06/25/25 14:04	06/27/25 11:53	1
Terphenyl-d14 (Surr)	100		42 - 157	06/25/25 14:04	06/27/25 11:53	1

Lab Sample ID: LCS 500-823337/2-A

Matrix: Solid

Analysis Batch: 823422

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823337

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	3.33	2.38		mg/Kg		71	49 - 100
1,2-Dichlorobenzene	3.33	2.36		mg/Kg		71	47 - 94
1,3-Dichlorobenzene	3.33	2.27		mg/Kg		68	47 - 92
1,4-Dichlorobenzene	3.33	2.30		mg/Kg		69	46 - 92
2,2'-oxybis[1-chloropropane]	3.33	2.42		mg/Kg		73	43 - 111
2,4,5-Trichlorophenol	3.33	2.76		mg/Kg		83	48 - 121

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823337/2-A

Matrix: Solid

Analysis Batch: 823422

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823337

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,6-Trichlorophenol	3.33	2.85		mg/Kg		85	50 - 121
2,4-Dichlorophenol	3.33	2.56		mg/Kg		77	51 - 109
2,4-Dimethylphenol	3.33	2.63		mg/Kg		79	48 - 93
2,4-Dinitrophenol	6.67	6.83		mg/Kg		103	10 - 130
2,4-Dinitrotoluene	3.33	3.13		mg/Kg		94	65 - 120
2,6-Dinitrotoluene	3.33	2.90		mg/Kg		87	66 - 117
2-Chloronaphthalene	3.33	2.72		mg/Kg		82	60 - 107
2-Chlorophenol	3.33	2.44		mg/Kg		73	50 - 102
2-Methylnaphthalene	3.33	2.89		mg/Kg		87	58 - 103
2-Methylphenol	3.33	2.52		mg/Kg		76	50 - 104
2-Nitroaniline	3.33	3.09		mg/Kg		93	61 - 126
2-Nitrophenol	3.33	2.62		mg/Kg		79	41 - 114
3 & 4 Methylphenol	3.33	2.50		mg/Kg		75	49 - 109
3,3'-Dichlorobenzidine	3.33	2.51		mg/Kg		75	36 - 131
3-Nitroaniline	3.33	2.83		mg/Kg		85	44 - 124
4,6-Dinitro-2-methylphenol	6.67	6.55		mg/Kg		98	36 - 138
4-Bromophenyl phenyl ether	3.33	2.86		mg/Kg		86	57 - 124
4-Chloro-3-methylphenol	3.33	2.77		mg/Kg		83	57 - 113
4-Chloroaniline	3.33	2.38		mg/Kg		71	22 - 110
4-Chlorophenyl phenyl ether	3.33	2.79		mg/Kg		84	60 - 112
4-Nitroaniline	3.33	3.00		mg/Kg		90	60 - 115
4-Nitrophenol	6.67	4.72		mg/Kg		71	45 - 126
Acenaphthene	3.33	2.73		mg/Kg		82	63 - 109
Acenaphthylene	3.33	2.87		mg/Kg		86	61 - 115
Anthracene	3.33	3.10		mg/Kg		93	68 - 120
Benzo[a]anthracene	3.33	2.79		mg/Kg		84	70 - 121
Benzo[a]pyrene	3.33	3.01		mg/Kg		90	73 - 132
Benzo[b]fluoranthene	3.33	3.14		mg/Kg		94	68 - 123
Benzo[g,h,i]perylene	3.33	2.87		mg/Kg		86	65 - 126
Benzo[k]fluoranthene	3.33	2.90		mg/Kg		87	64 - 128
Bis(2-chloroethoxy)methane	3.33	2.54		mg/Kg		76	54 - 102
Bis(2-chloroethyl)ether	3.33	2.45		mg/Kg		74	49 - 99
Bis(2-ethylhexyl) phthalate	3.33	2.97		mg/Kg		89	70 - 139
Butyl benzyl phthalate	3.33	2.96		mg/Kg		89	65 - 140
Carbazole	3.33	3.14		mg/Kg		94	68 - 120
Chrysene	3.33	2.90		mg/Kg		87	70 - 123
Dibenz(a,h)anthracene	3.33	3.08		mg/Kg		92	66 - 125
Dibenzofuran	3.33	2.89		mg/Kg		87	64 - 112
Diethyl phthalate	3.33	3.00		mg/Kg		90	66 - 115
Dimethyl phthalate	3.33	2.90		mg/Kg		87	65 - 114
Di-n-butyl phthalate	3.33	3.16		mg/Kg		95	69 - 125
Di-n-octyl phthalate	3.33	3.16		mg/Kg		95	61 - 131
Fluoranthene	3.33	2.97		mg/Kg		89	66 - 123
Fluorene	3.33	2.84		mg/Kg		85	62 - 113
Hexachlorobenzene	3.33	2.95		mg/Kg		88	52 - 126
Hexachlorobutadiene	3.33	2.31		mg/Kg		69	42 - 103
Hexachlorocyclopentadiene	3.33	2.81		mg/Kg		84	10 - 100
Hexachloroethane	3.33	2.33		mg/Kg		70	45 - 95
Indeno[1,2,3-cd]pyrene	3.33	3.03		mg/Kg		91	66 - 131

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823337/2-A

Matrix: Solid

Analysis Batch: 823422

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823337

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Isophorone	3.33	2.60		mg/Kg		78	47 - 108
Naphthalene	3.33	2.41		mg/Kg		72	54 - 98
Nitrobenzene	3.33	2.42		mg/Kg		72	52 - 105
N-Nitrosodi-n-propylamine	3.33	2.62		mg/Kg		79	48 - 110
N-Nitrosodiphenylamine	3.33	3.05		mg/Kg		92	67 - 112
Pentachlorophenol	6.67	4.94		mg/Kg		74	32 - 128
Phenanthrene	3.33	2.99		mg/Kg		90	65 - 115
Phenol	3.33	2.49		mg/Kg		75	52 - 110
Pyrene	3.33	2.90		mg/Kg		87	71 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorophenol (Surr)	76		31 - 166
Phenol-d5 (Surr)	75		30 - 153
Nitrobenzene-d5 (Surr)	76		37 - 147
2-Fluorobiphenyl (Surr)	84		43 - 145
2,4,6-Tribromophenol (Surr)	83		31 - 143
Terphenyl-d14 (Surr)	91		42 - 157

Method: 6010D - Metals (ICP)

Lab Sample ID: LCS 500-822485/2-A

Matrix: Solid

Analysis Batch: 822772

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822485

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.100	0.0995		mg/L		99	80 - 120
Manganese	0.500	0.475		mg/L		95	80 - 120
Nickel	0.500	0.485		mg/L		97	80 - 120

Lab Sample ID: LCS 500-822509/2-A

Matrix: Solid

Analysis Batch: 822771

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822509

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.108		mg/L		108	80 - 120
Barium	0.500	0.499		mg/L		100	80 - 120
Beryllium	0.0500	0.0508		mg/L		102	80 - 120
Boron	1.00	0.959		mg/L		96	80 - 120
Cadmium	0.0500	0.0489		mg/L		98	80 - 120
Chromium	0.200	0.191		mg/L		95	80 - 120
Cobalt	0.500	0.520		mg/L		104	80 - 120
Copper	0.250	0.239		mg/L		96	80 - 120
Iron	1.00	1.05		mg/L		105	80 - 120
Lead	0.100	0.104		mg/L		104	80 - 120
Manganese	0.500	0.476		mg/L		95	80 - 120
Nickel	0.500	0.521		mg/L		104	80 - 120
Selenium	0.100	0.0986		mg/L		99	80 - 120
Silver	0.0500	0.0501		mg/L		100	80 - 120
Vanadium	0.500	0.481		mg/L		96	80 - 120

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-822509/2-A

Matrix: Solid

Analysis Batch: 822771

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822509

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	0.500	0.511		mg/L		102	80 - 120

Lab Sample ID: LCS 500-822645/2-A

Matrix: Solid

Analysis Batch: 823048

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822645

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.100	0.0982		mg/L		98	80 - 120

Lab Sample ID: LCS 500-822645/2-A

Matrix: Solid

Analysis Batch: 823997

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822645

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	0.500	0.465		mg/L		93	80 - 120
Nickel	0.500	0.518		mg/L		104	80 - 120

Lab Sample ID: LCS 500-822646/2-A

Matrix: Solid

Analysis Batch: 823443

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822646

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.110		mg/L		110	80 - 120
Barium	0.500	0.507		mg/L		101	80 - 120
Beryllium	0.0500	0.0481		mg/L		96	80 - 120
Cadmium	0.0500	0.0529		mg/L		106	80 - 120
Chromium	0.200	0.207		mg/L		103	80 - 120
Cobalt	0.500	0.530		mg/L		106	80 - 120
Copper	0.250	0.269		mg/L		108	80 - 120
Iron	1.00	0.980		mg/L		98	80 - 120
Lead	0.100	0.107		mg/L		107	80 - 120
Manganese	0.500	0.479		mg/L		96	80 - 120
Nickel	0.500	0.523		mg/L		105	80 - 120
Selenium	0.100	0.114		mg/L		114	80 - 120
Silver	0.0500	0.0573		mg/L		115	80 - 120
Vanadium	0.500	0.519		mg/L		104	80 - 120

Lab Sample ID: LCS 500-822646/2-A

Matrix: Solid

Analysis Batch: 823557

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822646

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.904		mg/L		90	80 - 120
Zinc	0.500	0.614	*+	mg/L		123	80 - 120

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-822696/1-A

Matrix: Solid

Analysis Batch: 823443

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 822696

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.0		2.0	0.39	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Arsenic	<1.0		1.0	0.34	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Barium	<1.0		1.0	0.11	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Beryllium	<0.40		0.40	0.093	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Boron	0.478	J	5.0	0.47	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Cadmium	<0.20		0.20	0.036	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Chromium	<1.0		1.0	0.50	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Copper	<1.0		1.0	0.28	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Iron	<20		20	10	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Magnesium	<10		10	5.0	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Nickel	<1.0		1.0	0.29	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Selenium	<1.0		1.0	0.59	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Silver	<0.50		0.50	0.13	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Thallium	<1.0		1.0	0.50	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Vanadium	<0.50		0.50	0.12	mg/Kg		06/20/25 16:12	06/26/25 02:20	1

Lab Sample ID: MB 500-822696/1-A

Matrix: Solid

Analysis Batch: 823757

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 822696

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	<0.50		0.50	0.13	mg/Kg		06/20/25 16:12	06/27/25 12:59	1
Lead	<0.50		0.50	0.23	mg/Kg		06/20/25 16:12	06/27/25 12:59	1
Manganese	<1.0		1.0	0.15	mg/Kg		06/20/25 16:12	06/27/25 12:59	1
Zinc	0.977	J	2.0	0.88	mg/Kg		06/20/25 16:12	06/27/25 12:59	1

Lab Sample ID: LCS 500-822696/2-A

Matrix: Solid

Analysis Batch: 823443

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822696

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	50.0	46.7		mg/Kg		93	80 - 120
Arsenic	10.0	9.43		mg/Kg		94	80 - 120
Barium	200	201		mg/Kg		100	80 - 120
Beryllium	5.00	4.48		mg/Kg		90	80 - 120
Boron	100	97.9		mg/Kg		98	80 - 120
Cadmium	5.00	5.02		mg/Kg		100	80 - 120
Chromium	20.0	20.6		mg/Kg		103	80 - 120
Copper	25.0	23.9		mg/Kg		96	80 - 120
Iron	100	111		mg/Kg		111	80 - 120
Magnesium	1000	1030		mg/Kg		103	80 - 120
Nickel	50.0	52.7		mg/Kg		105	80 - 120
Selenium	10.0	8.45		mg/Kg		85	80 - 120
Silver	5.00	4.68		mg/Kg		94	80 - 120
Thallium	10.0	10.6		mg/Kg		106	80 - 120
Vanadium	50.0	51.1		mg/Kg		102	80 - 120

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-822696/2-A
Matrix: Solid
Analysis Batch: 823757

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 822696

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cobalt	50.0	48.5		mg/Kg		97	80 - 120
Lead	10.0	9.97		mg/Kg		100	80 - 120
Manganese	50.0	48.5		mg/Kg		97	80 - 120
Zinc	50.0	48.5		mg/Kg		97	80 - 120

Lab Sample ID: MB 500-822697/1-A
Matrix: Solid
Analysis Batch: 823785

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 822697

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.0		2.0	0.39	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Arsenic	<1.0		1.0	0.34	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Barium	<1.0		1.0	0.11	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Beryllium	<0.40		0.40	0.093	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Boron	<5.0		5.0	0.47	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Cadmium	<0.20		0.20	0.036	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Chromium	<1.0		1.0	0.50	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Cobalt	<0.50		0.50	0.13	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Copper	<1.0		1.0	0.28	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Iron	<20		20	10	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Lead	<0.50		0.50	0.23	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Magnesium	<10		10	5.0	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Manganese	<1.0		1.0	0.15	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Nickel	<1.0		1.0	0.29	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Thallium	<1.0		1.0	0.50	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Vanadium	<0.50		0.50	0.12	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Zinc	0.953	J	2.0	0.88	mg/Kg		06/20/25 16:13	06/27/25 21:43	1

Lab Sample ID: MB 500-822697/1-A
Matrix: Solid
Analysis Batch: 823996

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 822697

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	<1.0		1.0	0.59	mg/Kg		06/20/25 16:13	06/30/25 11:43	1
Silver	<0.50		0.50	0.13	mg/Kg		06/20/25 16:13	06/30/25 11:43	1

Lab Sample ID: LCS 500-822697/2-A
Matrix: Solid
Analysis Batch: 823785

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 822697

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	50.0	48.2		mg/Kg		96	80 - 120
Arsenic	10.0	9.97		mg/Kg		100	80 - 120
Barium	200	205		mg/Kg		102	80 - 120
Beryllium	5.00	5.14		mg/Kg		103	80 - 120
Boron	100	103		mg/Kg		103	80 - 120
Cadmium	5.00	4.95		mg/Kg		99	80 - 120
Chromium	20.0	20.6		mg/Kg		103	80 - 120
Cobalt	50.0	50.2		mg/Kg		100	80 - 120

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-822697/2-A

Matrix: Solid

Analysis Batch: 823785

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Copper	25.0	26.1		mg/Kg		104	80 - 120
Iron	100	102		mg/Kg		102	80 - 120
Lead	10.0	9.96		mg/Kg		100	80 - 120
Magnesium	1000	1010		mg/Kg		101	80 - 120
Manganese	50.0	48.8		mg/Kg		98	80 - 120
Nickel	50.0	51.4		mg/Kg		103	80 - 120
Thallium	10.0	10.4		mg/Kg		104	80 - 120
Vanadium	50.0	50.1		mg/Kg		100	80 - 120
Zinc	50.0	54.2		mg/Kg		108	80 - 120

Lab Sample ID: LCS 500-822697/2-A

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	10.0	9.37		mg/Kg		94	80 - 120
Silver	5.00	4.49		mg/Kg		90	80 - 120

Lab Sample ID: 500-270096-16 MS

Matrix: Solid

Analysis Batch: 823785

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<1.2	F1	29.1	6.76	F1	mg/Kg	✱	23	75 - 125
Arsenic	7.2	F1 F2	5.81	11.0	F1	mg/Kg	✱	66	75 - 125
Barium	49	F2	116	138		mg/Kg	✱	77	75 - 125
Beryllium	0.79		2.91	3.23		mg/Kg	✱	84	75 - 125
Boron	21		58.1	72.3		mg/Kg	✱	88	75 - 125
Cadmium	0.13		2.91	2.44		mg/Kg	✱	80	75 - 125
Chromium	23		11.6	33.5		mg/Kg	✱	95	75 - 125
Cobalt	12	F1 F2	29.1	37.6		mg/Kg	✱	90	75 - 125
Copper	21		14.5	31.8		mg/Kg	✱	76	75 - 125
Iron	20000		58.1	19300	4	mg/Kg	✱	-2000	75 - 125
Magnesium	26000		581	24600	4	mg/Kg	✱	-249	75 - 125
Manganese	290	F2	29.1	286	4	mg/Kg	✱	-32	75 - 125
Nickel	32	F1 F2	29.1	57.0		mg/Kg	✱	85	75 - 125
Thallium	0.46	J	5.81	5.78		mg/Kg	✱	91	75 - 125
Vanadium	29		29.1	56.5		mg/Kg	✱	95	75 - 125
Zinc	70	B	29.1	94.5		mg/Kg	✱	83	75 - 125

Lab Sample ID: 500-270096-16 MS

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	<0.59		5.81	4.37		mg/Kg	✱	75	75 - 125
Silver	<0.29	L F1	2.91	1.36	F1	mg/Kg	✱	47	75 - 125

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: 500-270096-16 MS

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	14		5.81	19.1		mg/Kg	✱	82	75 - 125

Lab Sample ID: 500-270096-16 MSD

Matrix: Solid

Analysis Batch: 823785

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<1.2	F1	29.5	6.64	F1	mg/Kg	✱	22	75 - 125	2	20
Arsenic	7.2	F1 F2	5.90	15.2	F1 F2	mg/Kg	✱	135	75 - 125	32	20
Barium	49	F2	118	173	F2	mg/Kg	✱	105	75 - 125	22	20
Beryllium	0.79		2.95	3.31		mg/Kg	✱	85	75 - 125	2	20
Boron	21		59.0	71.4		mg/Kg	✱	85	75 - 125	1	20
Cadmium	0.13		2.95	2.51		mg/Kg	✱	81	75 - 125	2	20
Chromium	23		11.8	34.0		mg/Kg	✱	97	75 - 125	1	20
Cobalt	12	F1 F2	29.5	52.4	F1 F2	mg/Kg	✱	138	75 - 125	33	20
Copper	21		14.8	34.8		mg/Kg	✱	96	75 - 125	9	20
Iron	20000		59.0	23500	4	mg/Kg	✱	5146	75 - 125	20	20
Magnesium	26000		590	24900	4	mg/Kg	✱	-196	75 - 125	1	20
Manganese	290	F2	29.5	553	4 F2	mg/Kg	✱	875	75 - 125	64	20
Nickel	32	F1 F2	29.5	80.7	F1 F2	mg/Kg	✱	164	75 - 125	35	20
Thallium	0.46	J	5.90	6.20		mg/Kg	✱	97	75 - 125	7	20
Vanadium	29		29.5	58.9		mg/Kg	✱	101	75 - 125	4	20
Zinc	70	B	29.5	104		mg/Kg	✱	113	75 - 125	9	20

Lab Sample ID: 500-270096-16 MSD

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Selenium	<0.59		5.90	4.56		mg/Kg	✱	77	75 - 125	4	20
Silver	<0.29	L F1	2.95	1.13	F1	mg/Kg	✱	38	75 - 125	18	20

Lab Sample ID: 500-270096-16 MSD

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	14		5.90	21.4		mg/Kg	✱	120	75 - 125	11	20

Lab Sample ID: 500-270096-16 DU

Matrix: Solid

Analysis Batch: 823785

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<1.2	F1	<1.1		mg/Kg	✱	NC	20
Arsenic	7.2	F1 F2	7.21		mg/Kg	✱	0.3	20
Barium	49	F2	47.4		mg/Kg	✱	2	20
Beryllium	0.79		0.756		mg/Kg	✱	5	20
Boron	21		18.6		mg/Kg	✱	12	20

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: 500-270096-16 DU

Matrix: Solid

Analysis Batch: 823785

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Cadmium	0.13		0.122		mg/Kg	✱	5	20
Chromium	23		21.7		mg/Kg	✱	4	20
Cobalt	12	F1 F2	17.4	F3	mg/Kg	✱	40	20
Copper	21		21.5		mg/Kg	✱	4	20
Iron	20000		19900		mg/Kg	✱	3	20
Magnesium	26000		22100		mg/Kg	✱	16	20
Manganese	290	F2	366	F3	mg/Kg	✱	22	20
Nickel	32	F1 F2	36.9		mg/Kg	✱	13	20
Thallium	0.46	J	0.550	J	mg/Kg	✱	18	20
Vanadium	29		27.3		mg/Kg	✱	6	20
Zinc	70	B	68.8		mg/Kg	✱	2	20

Lab Sample ID: 500-270096-16 DU

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Selenium	<0.59		<0.56		mg/Kg	✱	NC	20
Silver	<0.29	L F1	<0.28	L	mg/Kg	✱	NC	20

Lab Sample ID: 500-270096-16 DU

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Lead	14		14.7		mg/Kg	✱	2	20

Lab Sample ID: MB 500-822848/1-A

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 822848

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	<1.0		1.0	0.59	mg/Kg		06/23/25 08:59	06/30/25 19:27	1
Silver	0.155	J	0.50	0.13	mg/Kg		06/23/25 08:59	06/30/25 19:27	1

Lab Sample ID: LCS 500-822848/2-A

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822848

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	10.0	9.31		mg/Kg		93	80 - 120
Silver	5.00	4.23		mg/Kg		85	80 - 120

Lab Sample ID: LB 500-822250/1-B

Matrix: Solid

Analysis Batch: 822771

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 822509

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00721	J	0.010	0.0037	mg/L		06/19/25 15:35	06/20/25 16:15	1
Barium	0.00284	J	0.010	0.0012	mg/L		06/19/25 15:35	06/20/25 16:15	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LB 500-822250/1-B

Matrix: Solid

Analysis Batch: 822771

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 822509

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.0040		0.0040	0.00089	mg/L		06/19/25 15:35	06/20/25 16:15	1
Boron	<0.50		0.50	0.0056	mg/L		06/19/25 15:35	06/20/25 16:15	1
Cadmium	<0.0050		0.0050	0.00043	mg/L		06/19/25 15:35	06/20/25 16:15	1
Chromium	0.00235	J	0.010	0.0017	mg/L		06/19/25 15:35	06/20/25 16:15	1
Cobalt	<0.0050		0.0050	0.00078	mg/L		06/19/25 15:35	06/20/25 16:15	1
Copper	<0.010		0.010	0.0018	mg/L		06/19/25 15:35	06/20/25 16:15	1
Iron	0.0957	J	0.40	0.082	mg/L		06/19/25 15:35	06/20/25 16:15	1
Lead	<0.0075		0.0075	0.0027	mg/L		06/19/25 15:35	06/20/25 16:15	1
Manganese	<0.010		0.010	0.0023	mg/L		06/19/25 15:35	06/20/25 16:15	1
Nickel	<0.010		0.010	0.0048	mg/L		06/19/25 15:35	06/20/25 16:15	1
Selenium	0.00570	J	0.050	0.0053	mg/L		06/19/25 15:35	06/20/25 16:15	1
Silver	<0.0050		0.0050	0.0015	mg/L		06/19/25 15:35	06/20/25 16:15	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		06/19/25 15:35	06/20/25 16:15	1
Zinc	<0.50		0.50	0.0050	mg/L		06/19/25 15:35	06/20/25 16:15	1

Lab Sample ID: LB 500-822394/1-B

Matrix: Solid

Analysis Batch: 823443

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 822646

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.010	0.0037	mg/L		06/20/25 13:17	06/26/25 00:09	1
Barium	0.00300	J	0.010	0.0012	mg/L		06/20/25 13:17	06/26/25 00:09	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		06/20/25 13:17	06/26/25 00:09	1
Cadmium	<0.0050		0.0050	0.00043	mg/L		06/20/25 13:17	06/26/25 00:09	1
Chromium	0.00189	J	0.010	0.0017	mg/L		06/20/25 13:17	06/26/25 00:09	1
Cobalt	<0.0050		0.0050	0.00078	mg/L		06/20/25 13:17	06/26/25 00:09	1
Copper	<0.010		0.010	0.0018	mg/L		06/20/25 13:17	06/26/25 00:09	1
Iron	<0.40		0.40	0.082	mg/L		06/20/25 13:17	06/26/25 00:09	1
Lead	<0.0075		0.0075	0.0027	mg/L		06/20/25 13:17	06/26/25 00:09	1
Manganese	<0.010		0.010	0.0023	mg/L		06/20/25 13:17	06/26/25 00:09	1
Nickel	<0.010		0.010	0.0048	mg/L		06/20/25 13:17	06/26/25 00:09	1
Selenium	0.00623	J	0.050	0.0053	mg/L		06/20/25 13:17	06/26/25 00:09	1
Silver	<0.0050		0.0050	0.0015	mg/L		06/20/25 13:17	06/26/25 00:09	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		06/20/25 13:17	06/26/25 00:09	1

Lab Sample ID: LB 500-822394/1-B

Matrix: Solid

Analysis Batch: 823557

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 822646

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.50		0.50	0.0056	mg/L		06/20/25 13:17	06/26/25 14:24	1
Zinc	<0.50		0.50	0.0050	mg/L		06/20/25 13:17	06/26/25 14:24	1

Lab Sample ID: LB 500-822251/1-B

Matrix: Solid

Analysis Batch: 822772

Client Sample ID: Method Blank

Prep Type: SPLP East

Prep Batch: 822485

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.0075		0.0075	0.0027	mg/L		06/19/25 13:59	06/20/25 15:29	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LB 500-822251/1-B

Matrix: Solid

Analysis Batch: 822772

Client Sample ID: Method Blank

Prep Type: SPLP East

Prep Batch: 822485

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	<0.010		0.010	0.0023	mg/L		06/19/25 13:59	06/20/25 15:29	1
Nickel	<0.010		0.010	0.0048	mg/L		06/19/25 13:59	06/20/25 15:29	1

Lab Sample ID: LB 500-822412/1-B

Matrix: Solid

Analysis Batch: 823048

Client Sample ID: Method Blank

Prep Type: SPLP East

Prep Batch: 822645

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.0075		0.0075	0.0027	mg/L		06/20/25 13:15	06/24/25 00:58	1

Lab Sample ID: LB 500-822412/1-B

Matrix: Solid

Analysis Batch: 823997

Client Sample ID: Method Blank

Prep Type: SPLP East

Prep Batch: 822645

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	<0.010		0.010	0.0023	mg/L		06/20/25 13:15	07/01/25 02:52	1
Nickel	<0.010		0.010	0.0048	mg/L		06/20/25 13:15	07/01/25 02:52	1

Lab Sample ID: 500-270096-15 MS

Matrix: Solid

Analysis Batch: 823048

Client Sample ID: 3641V-08-B01 (0-2)

Prep Type: SPLP East

Prep Batch: 822645

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.070		0.100	0.175		mg/L		105	75 - 125

Lab Sample ID: 500-270096-15 MS

Matrix: Solid

Analysis Batch: 823997

Client Sample ID: 3641V-08-B01 (0-2)

Prep Type: SPLP East

Prep Batch: 822645

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	0.53		0.500	1.01		mg/L		96	75 - 125
Nickel	0.23		0.500	0.763		mg/L		107	75 - 125

Lab Sample ID: 500-270096-15 DU

Matrix: Solid

Analysis Batch: 823048

Client Sample ID: 3641V-08-B01 (0-2)

Prep Type: SPLP East

Prep Batch: 822645

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Lead	0.070		0.0762		mg/L		9	20

Lab Sample ID: 500-270096-15 DU

Matrix: Solid

Analysis Batch: 823997

Client Sample ID: 3641V-08-B01 (0-2)

Prep Type: SPLP East

Prep Batch: 822645

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Manganese	0.53		0.618		mg/L		16	20
Nickel	0.23		0.255		mg/L		11	20

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: LCS 500-822509/2-A

Matrix: Solid

Analysis Batch: 823349

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822509

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.566		mg/L		113	80 - 120
Thallium	0.100	0.107		mg/L		107	80 - 120

Lab Sample ID: LCS 500-822646/2-A

Matrix: Solid

Analysis Batch: 823349

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822646

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.577		mg/L		115	80 - 120
Thallium	0.100	0.108		mg/L		108	80 - 120

Lab Sample ID: LB 500-822250/1-B

Matrix: Solid

Analysis Batch: 823349

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 822509

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0060	mg/L		06/19/25 15:35	06/25/25 12:12	1
Thallium	<0.0020		0.0020	0.0020	mg/L		06/19/25 15:35	06/25/25 12:12	1

Lab Sample ID: LB 500-822394/1-B

Matrix: Solid

Analysis Batch: 823349

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 822646

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0060	mg/L		06/20/25 13:17	06/25/25 13:50	1
Thallium	<0.0020		0.0020	0.0020	mg/L		06/20/25 13:17	06/25/25 13:50	1

Method: 7470A - Mercury

Lab Sample ID: MB 500-822891/12-A

Matrix: Solid

Analysis Batch: 823110

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 822891

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/23/25 11:05	06/24/25 10:29	1

Lab Sample ID: LCS 500-822891/14-A

Matrix: Solid

Analysis Batch: 823110

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822891

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00227		mg/L		114	80 - 120

Lab Sample ID: MB 500-823094/12-A

Matrix: Solid

Analysis Batch: 823301

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 823094

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/24/25 11:05	06/25/25 11:25	1

Eurofins Chicago

QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Method: 7470A - Mercury (Continued)

Lab Sample ID: LCS 500-823094/14-A
Matrix: Solid
Analysis Batch: 823301

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 823094

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00201		mg/L		101	80 - 120

Lab Sample ID: MB 500-823485/12-A
Matrix: Solid
Analysis Batch: 823684

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 823485

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/26/25 11:10	06/27/25 09:19	1

Lab Sample ID: LCS 500-823485/14-A
Matrix: Solid
Analysis Batch: 823684

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 823485

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00182		mg/L		91	80 - 120

Lab Sample ID: LB 500-822250/1-C
Matrix: Solid
Analysis Batch: 823110

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 822891

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000296		0.00020	0.00020	mg/L		06/23/25 11:05	06/24/25 10:31	1

Lab Sample ID: LB 500-822394/1-C
Matrix: Solid
Analysis Batch: 823301

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 823094

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000214		0.00020	0.00020	mg/L		06/24/25 11:05	06/25/25 12:08	1

Lab Sample ID: LB 500-822250/1-D
Matrix: Solid
Analysis Batch: 823684

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 823485

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000227		0.00020	0.00020	mg/L		06/26/25 11:10	06/27/25 09:50	1

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 500-823672/12-A
Matrix: Solid
Analysis Batch: 823885

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 823672

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.017		0.017	0.0069	mg/Kg		06/27/25 14:00	06/30/25 08:21	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823672/13-A

Matrix: Solid

Analysis Batch: 823885

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823672

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.167	0.153		mg/Kg		92	80 - 120

Lab Sample ID: 500-270096-9 MS

Matrix: Solid

Analysis Batch: 823885

Client Sample ID: 3641V-05-B02 (5-10)

Prep Type: Total/NA

Prep Batch: 823672

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.021		0.0872	0.120		mg/Kg	✱	114	75 - 125

Lab Sample ID: 500-270096-9 MSD

Matrix: Solid

Analysis Batch: 823885

Client Sample ID: 3641V-05-B02 (5-10)

Prep Type: Total/NA

Prep Batch: 823672

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.021		0.0887	0.118		mg/Kg	✱	110	75 - 125	2	20

Lab Sample ID: 500-270096-9 DU

Matrix: Solid

Analysis Batch: 823885

Client Sample ID: 3641V-05-B02 (5-10)

Prep Type: Total/NA

Prep Batch: 823672

Analyte	Sample Result	Sample Qualifier	Spike Added	DU Result	DU Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.021			0.0155	J F5	mg/Kg	✱			28	20

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

Lab Sample ID: MB 500-822449/1-A

Matrix: Solid

Analysis Batch: 822763

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 822449

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.24		0.24	0.12	mg/Kg		06/19/25 13:17	06/19/25 16:39	1

Lab Sample ID: LCS 500-822449/2-A

Matrix: Solid

Analysis Batch: 822763

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822449

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	2.40	2.30		mg/Kg		96	85 - 115

Lab Sample ID: 500-270096-1 MS

Matrix: Solid

Analysis Batch: 822763

Client Sample ID: 3641V-01-B02 (0-7)

Prep Type: Total/NA

Prep Batch: 822449

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	<0.25		2.50	2.45		mg/Kg	✱	98	75 - 125

Eurofins Chicago

QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: 500-270096-1 MSD

Matrix: Solid

Analysis Batch: 822763

Client Sample ID: 3641V-01-B02 (0-7)

Prep Type: Total/NA

Prep Batch: 822449

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	<0.25		2.57	2.52		mg/Kg	✱	98	75 - 125	3	20

Lab Sample ID: 500-270096-15 MS

Matrix: Solid

Analysis Batch: 822763

Client Sample ID: 3641V-08-B01 (0-2)

Prep Type: Total/NA

Prep Batch: 822449

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	<0.26	F1 F2	2.68	1.28	F1	mg/Kg	✱	48	75 - 125		

Lab Sample ID: 500-270096-15 MSD

Matrix: Solid

Analysis Batch: 822763

Client Sample ID: 3641V-08-B01 (0-2)

Prep Type: Total/NA

Prep Batch: 822449

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	<0.26	F1 F2	2.59	0.337	F1 F2	mg/Kg	✱	13	75 - 125	117	20

Method: 9045D - pH

Lab Sample ID: 500-270096-14 DU

Matrix: Solid

Analysis Batch: 822679

Client Sample ID: 3641V-10-B01 (0-2)

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	8.3		8.0		SU		3	5

Lab Sample ID: 500-270096-14 DU

Matrix: Solid

Analysis Batch: 822833

Client Sample ID: 3641V-10-B01 (0-2)

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	8.3		8.0		SU		3	5

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-01-B02 (0-7)

Lab Sample ID: 500-270096-1

Date Collected: 06/16/25 10:45

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:22
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		5	823048	S1Z	EET CHI	06/23/25 23:29
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:10
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 12:45
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 10:53
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:25
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-01-B02 (0-7)

Lab Sample ID: 500-270096-1

Date Collected: 06/16/25 10:45

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 14:36
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 19:10
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/27/25 22:36
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 17:31
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 17:35
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:24
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:41

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Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-01-B02 (7-13)

Lab Sample ID: 500-270096-2

Date Collected: 06/16/25 10:50

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:26
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		5	823048	S1Z	EET CHI	06/23/25 23:33
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:23
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 12:49
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 10:55
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:27
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-01-B02 (7-13)

Lab Sample ID: 500-270096-2

Date Collected: 06/16/25 10:50

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 15:02
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 12:36
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/28/25 01:36
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 21:15
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 21:20
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:26
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:43

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Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-01-B01 (0-3)

Lab Sample ID: 500-270096-3

Date Collected: 06/16/25 11:05

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:31
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:28
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 12:53
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 10:57
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:30
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-01-B01 (0-3)

Lab Sample ID: 500-270096-3

Date Collected: 06/16/25 11:05

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 86.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823845	PMF	EET CHI	06/30/25 12:15
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 17:32
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/28/25 01:40
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 21:24
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 21:28
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:28
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:44

Client Sample ID: 3641V-05-B01 (0-5)

Lab Sample ID: 500-270096-4

Date Collected: 06/16/25 11:10

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:35

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B01 (0-5)

Lab Sample ID: 500-270096-4

Date Collected: 06/16/25 11:10

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		5	823048	S1Z	EET CHI	06/23/25 23:38
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:32
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 12:57
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 10:59
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:34
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B01 (0-5)

Lab Sample ID: 500-270096-4

Date Collected: 06/16/25 11:10

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 15:52
Total/NA	Prep	3546			823337	LH	EET CHI	06/25/25 14:04
Total/NA	Analysis	8270E		1	823422	GLR	EET CHI	06/26/25 12:50
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/28/25 01:45
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 21:33
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 21:37
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:30
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:45

Client Sample ID: 3641V-05-B01 (5-10)

Lab Sample ID: 500-270096-5

Date Collected: 06/16/25 11:15

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:39

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B01 (5-10)

Lab Sample ID: 500-270096-5

Date Collected: 06/16/25 11:15

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		5	823048	S1Z	EET CHI	06/23/25 23:42
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:37
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:01
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:01
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:37
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B01 (5-10)

Lab Sample ID: 500-270096-5

Date Collected: 06/16/25 11:15

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 16:17
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 13:01
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/28/25 01:49
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 21:42
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 21:46
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:31
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:46

Client Sample ID: 3641V-05-B01 (10-15)

Lab Sample ID: 500-270096-6

Date Collected: 06/16/25 11:20

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:44

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B01 (10-15)

Lab Sample ID: 500-270096-6

Date Collected: 06/16/25 11:20

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:42
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:05
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:03
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:39
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B01 (10-15)

Lab Sample ID: 500-270096-6

Date Collected: 06/16/25 11:20

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 16:43
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 19:59
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/28/25 01:54
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 21:59
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		10	823996	S1Z	EET CHI	06/30/25 22:03
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:33
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:46

Client Sample ID: 3641V-05-B02 (0-5)

Lab Sample ID: 500-270096-7

Date Collected: 06/16/25 11:35

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:48
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		5	823048	S1Z	EET CHI	06/23/25 23:47

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B02 (0-5)

Lab Sample ID: 500-270096-7

Date Collected: 06/16/25 11:35

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:46
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:09
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:04
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:42
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B02 (0-5)

Lab Sample ID: 500-270096-7

Date Collected: 06/16/25 11:35

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 17:08
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 13:25
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/28/25 01:58
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 22:08
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		5	824132	SJ	EET CHI	07/01/25 12:21
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:35
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:49

Client Sample ID: 3641V-05-B02 (0-5)D

Lab Sample ID: 500-270096-8

Date Collected: 06/16/25 11:40

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:52
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:51

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B02 (0-5)D

Lab Sample ID: 500-270096-8

Date Collected: 06/16/25 11:40

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:14
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:06
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:47
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B02 (0-5)D

Lab Sample ID: 500-270096-8

Date Collected: 06/16/25 11:40

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 17:33
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 14:14
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/28/25 02:03
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 22:12
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		5	824132	SJ	EET CHI	07/01/25 12:25
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:43
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:50

Client Sample ID: 3641V-05-B02 (5-10)

Lab Sample ID: 500-270096-9

Date Collected: 06/16/25 11:45

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:56
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:55
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:26

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B02 (5-10)

Lab Sample ID: 500-270096-9

Date Collected: 06/16/25 11:45

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:08
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:44
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B02 (5-10)

Lab Sample ID: 500-270096-9

Date Collected: 06/16/25 11:45

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823604	MM	EET CHI	06/27/25 14:27
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 17:56
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823757	S1Z	EET CHI	06/27/25 14:35
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823757	S1Z	EET CHI	06/27/25 15:54
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823767	S1Z	EET CHI	06/27/25 15:54
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823443	S1Z	EET CHI	06/26/25 04:02
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:45
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:51

Client Sample ID: 3641V-05-B03 (0-5)

Lab Sample ID: 500-270096-10

Date Collected: 06/16/25 11:55

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 17:01
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 18:00
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:30
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:10

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B03 (0-5)

Lab Sample ID: 500-270096-10

Date Collected: 06/16/25 11:55

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:49
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B03 (0-5)

Lab Sample ID: 500-270096-10

Date Collected: 06/16/25 11:55

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 83.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 12:03
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 18:21
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823757	S1Z	EET CHI	06/27/25 14:48
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823757	S1Z	EET CHI	06/27/25 15:58
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823767	S1Z	EET CHI	06/27/25 15:58
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823443	S1Z	EET CHI	06/26/25 04:06
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:52
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:51

Client Sample ID: 3641V-05-B03 (5-10)

Lab Sample ID: 500-270096-11

Date Collected: 06/16/25 12:00

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 17:14
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 18:05
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:34
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:16
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:52
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B03 (5-10)

Lab Sample ID: 500-270096-11

Date Collected: 06/16/25 12:00

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 12:28
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 18:46
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823757	S1Z	EET CHI	06/27/25 14:52
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823757	S1Z	EET CHI	06/27/25 16:02
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823767	S1Z	EET CHI	06/27/25 16:02
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823443	S1Z	EET CHI	06/26/25 04:10
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:54
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:53

Client Sample ID: 3641V-05-B04 (0-2)

Lab Sample ID: 500-270096-12

Date Collected: 06/16/25 12:05

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 17:18
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 18:18
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:38
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			823485	MJG	EET CHI	06/26/25 11:10 - 06/26/25 13:10 ¹
TCLP	Analysis	7470A		1	823684	MJG	EET CHI	06/27/25 09:55
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:54
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B04 (0-2)

Lab Sample ID: 500-270096-12

Date Collected: 06/16/25 12:05

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 12:54

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B04 (0-2)

Lab Sample ID: 500-270096-12

Date Collected: 06/16/25 12:05

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 15:53
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823757	S1Z	EET CHI	06/27/25 14:57
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823767	S1Z	EET CHI	06/27/25 16:07
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823443	S1Z	EET CHI	06/26/25 04:15
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:56
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:53

Client Sample ID: 3641V-09-B01 (0-2)

Lab Sample ID: 500-270096-13

Date Collected: 06/16/25 12:10

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 17:23
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 18:23
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:42
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:20
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:57
Total/NA	Analysis	Moisture		1	822310	RB	EET CHI	06/18/25 15:36

Client Sample ID: 3641V-09-B01 (0-2)

Lab Sample ID: 500-270096-13

Date Collected: 06/16/25 12:10

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 13:19
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 16:18
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823757	S1Z	EET CHI	06/27/25 15:01

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-09-B01 (0-2)

Lab Sample ID: 500-270096-13

Date Collected: 06/16/25 12:10

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823767	S1Z	EET CHI	06/27/25 16:11
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823443	S1Z	EET CHI	06/26/25 04:19
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:57
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:53

Client Sample ID: 3641V-10-B01 (0-2)

Lab Sample ID: 500-270096-14

Date Collected: 06/16/25 12:15

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 17:27
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 18:27
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:46
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:21
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 14:01
Total/NA	Analysis	Moisture		1	822310	RB	EET CHI	06/18/25 15:36

Client Sample ID: 3641V-10-B01 (0-2)

Lab Sample ID: 500-270096-14

Date Collected: 06/16/25 12:15

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 13:45
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 14:39
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823757	S1Z	EET CHI	06/27/25 15:06
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	824227	S1Z	EET CHI	07/01/25 18:19
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823443	S1Z	EET CHI	06/26/25 04:33

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-10-B01 (0-2)

Lab Sample ID: 500-270096-14

Date Collected: 06/16/25 12:15

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:59
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:55

Client Sample ID: 3641V-08-B01 (0-2)

Lab Sample ID: 500-270096-15

Date Collected: 06/16/25 12:20

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822412	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
SPLP East	Prep	3010A			822645	MS	EET CHI	06/20/25 13:15 - 06/20/25 19:15 ¹
SPLP East	Analysis	6010D		1	823997	SJ	EET CHI	07/01/25 03:00
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823443	S1Z	EET CHI	06/25/25 16:19
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823557	S1Z	EET CHI	06/26/25 14:33
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 14:07
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	7470A			823094	MJG	EET CHI	06/24/25 11:05 - 06/24/25 13:05 ¹
TCLP	Analysis	7470A		1	823301	MJG	EET CHI	06/25/25 12:10
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 14:06
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-08-B01 (0-2)

Lab Sample ID: 500-270096-15

Date Collected: 06/16/25 12:20

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823604	MM	EET CHI	06/27/25 14:55
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 19:35
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823757	S1Z	EET CHI	06/27/25 15:10
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823757	S1Z	EET CHI	06/27/25 16:15
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823767	S1Z	EET CHI	06/27/25 16:15
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823443	S1Z	EET CHI	06/26/25 04:37

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-08-B01 (0-2)

Lab Sample ID: 500-270096-15

Date Collected: 06/16/25 12:20

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 09:06
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:55

Client Sample ID: 3641V-06-B02 (0-2)

Lab Sample ID: 500-270096-16

Date Collected: 06/16/25 12:25

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822412	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
SPLP East	Prep	3010A			822645	MS	EET CHI	06/20/25 13:15 - 06/20/25 19:15 ¹
SPLP East	Analysis	6010D		1	823997	SJ	EET CHI	07/01/25 03:18
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823443	S1Z	EET CHI	06/25/25 16:24
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823557	S1Z	EET CHI	06/26/25 14:52
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 14:11
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	7470A			823094	MJG	EET CHI	06/24/25 11:05 - 06/24/25 13:05 ¹
TCLP	Analysis	7470A		1	823301	MJG	EET CHI	06/25/25 12:12
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 14:09
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-06-B02 (0-2)

Lab Sample ID: 500-270096-16

Date Collected: 06/16/25 12:25

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 83.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823459	MM	EET CHI	06/26/25 18:44
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 16:42
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/27/25 21:52
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 16:04
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 16:08
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 09:08

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-06-B02 (0-2)

Lab Sample ID: 500-270096-16

Date Collected: 06/16/25 12:25

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 83.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 17:00

Client Sample ID: 3641V-06-B01 (0-2)

Lab Sample ID: 500-270096-17

Date Collected: 06/16/25 12:30

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822412	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
SPLP East	Prep	3010A			822645	MS	EET CHI	06/20/25 13:15 - 06/20/25 19:15 ¹
SPLP East	Analysis	6010D		1	823997	SJ	EET CHI	07/01/25 03:22
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823443	S1Z	EET CHI	06/25/25 16:28
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823557	S1Z	EET CHI	06/26/25 14:56
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 14:15
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	7470A			823094	MJG	EET CHI	06/24/25 11:05 - 06/24/25 13:05 ¹
TCLP	Analysis	7470A		1	823301	MJG	EET CHI	06/25/25 12:27
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 14:11
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-06-B01 (0-2)

Lab Sample ID: 500-270096-17

Date Collected: 06/16/25 12:30

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 88.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823459	MM	EET CHI	06/26/25 19:11
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 17:07
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/27/25 22:23
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 16:56
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 17:01
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 09:09
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 17:00

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-04-B02 (0-2)

Lab Sample ID: 500-270096-18

Date Collected: 06/16/25 12:35

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822412	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
SPLP East	Prep	3010A			822645	MS	EET CHI	06/20/25 13:15 - 06/20/25 19:15 ¹
SPLP East	Analysis	6010D		1	823997	SJ	EET CHI	07/01/25 03:26
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823443	S1Z	EET CHI	06/25/25 16:42
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823557	S1Z	EET CHI	06/26/25 15:01
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 14:19
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	7470A			823094	MJG	EET CHI	06/24/25 11:05 - 06/24/25 13:05 ¹
TCLP	Analysis	7470A		1	823301	MJG	EET CHI	06/25/25 12:29
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 14:14
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-04-B02 (0-2)

Lab Sample ID: 500-270096-18

Date Collected: 06/16/25 12:35

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823459	MM	EET CHI	06/26/25 19:38
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 15:04
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/27/25 22:27
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 17:05
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 17:09
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 09:11
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 17:01

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-04-B01 (0-2)

Lab Sample ID: 500-270096-19

Date Collected: 06/16/25 12:40

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822412	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
SPLP East	Prep	3010A			822645	MS	EET CHI	06/20/25 13:15 - 06/20/25 19:15 ¹
SPLP East	Analysis	6010D		1	823997	SJ	EET CHI	07/01/25 03:31
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823443	S1Z	EET CHI	06/25/25 16:46
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823557	S1Z	EET CHI	06/26/25 15:06
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 14:23
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	7470A			823094	MJG	EET CHI	06/24/25 11:05 - 06/24/25 13:05 ¹
TCLP	Analysis	7470A		1	823301	MJG	EET CHI	06/25/25 12:31
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 14:16
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-04-B01 (0-2)

Lab Sample ID: 500-270096-19

Date Collected: 06/16/25 12:40

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 89.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823459	MM	EET CHI	06/26/25 20:07
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 15:28
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/27/25 22:32
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 17:14
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 17:18
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 09:13
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 17:02

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-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Address _____

_____Regulatory Program. ☐ DW ☐ NPDES ☐ RCRA ☐ Other

Client Contact		Project Manager <u>J. Hughes</u>		Site Contact <u>T. Trujillo</u>		Date <u>6-16-25</u>		COC No <u>1</u> of <u>2</u> COCs		
Company Name <u>WSP</u>		Tel/Email		Lab Contact		Carrier		Sampler		
Address <u>30 N LaSalle St</u>		Analysis Turnaround Time ☒ CALENDAR DAYS ☐ WORKING DAYS TAT if different from Below _____ ☒ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Filtered Sample (Y/N) Perform MS/MSD (Y/N) VOCs SVOCs pH Y-Solids Total Metals TCLP &		 500-270096 COC		For Lab Use Only		
City/State/Zip <u>Chicago IL 60602</u>								Walk-in Client		
Phone								Lab Sampling		
Fax										
Project Name <u>WSP 11 W057A Hoffman Estates</u>								Job / SDG No		
Site <u>US-WSP-31463035.2676</u>								<u>500-270096</u>		
PO #										
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp G=Grab)	Matrix	# of Cont.	Sample Specific Notes			
1	3641V-01-B02 (0-7)	6/16/25	1045	G	S	2	/	/	/	/
2	3641V-01-B02 (7-13)		1050				/	/	/	/
3	3641V-01-B01 (0-3)		1105				/	/	/	/
4	3641V-05-B01 (0-5)		1110				/	/	/	/
5	3641V-05-B01 (5-10)		1115				/	/	/	/
6	3641V-05-B01 (10-15)		1120				/	/	/	/
7	3641V-05-B02 (0-5)		1135				/	/	/	/
8	3641V-05-B02 (0-5) Dup		1140				/	/	/	/
9	3641V-05-B02 (5-10)		1145				/	/	/	/
10	3641V-05-B03 (0-5)		1155				/	/	/	/
11	3641V-05-B03 (5-10)		1200				/	/	/	/
12	3641V-05-B04 (0-2)	V	1205				/	/	/	/
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other										
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample							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: <u>* SPLP analysis based on TCLP results</u>										
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No		Cooler Temp (°C) Obs'd		Corr'd		Therm ID No		
Relinquished by <u>107717</u>		Company <u>WSP</u>		Date/Time <u>6-16-25</u>		Received by		Company		Date/Time
Relinquished by		Company		Date/Time <u>1440</u>		Received by		Company		Date/Time
Relinquished by		Company		Date/Time		Received in Laboratory by <u>Adrian Kuy</u>		Company <u>FEETA</u>		Date/Time <u>06/16/25 1440</u>

Chain of Custody Record 736673

Environment Testing
America

TAL-8210

Address _____

_____Regulatory Program. ☐ DW ☐ NPDES ☐ RCRA ☐ Other: _____

Client Contact		Project Manager		Site Contact		Date		COC No	
Company Name		Tel/Email		Lab Contact		Carrier		2 of 2 COCs	
Address		Analysis Turnaround Time		Filtered Sample (Y/N) Perform MS/MSD (Y/N)		VOCs SVOCs pH Solids Total Metals TCLP		Sampler	
City/State/Zip		☒ CALENDAR DAYS ☐ WORKING DAYS						For Lab Use Only.	
Phone		TAT if different from Below						Walk-in Client	
Fax		☒ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day						Lab Sampling	
Project Name		Sample Date		Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Job / SDG No	
Site		P O #						500-270096	
Sample Identification								Sample Specific Notes	
3641V-09-B01 (0-2)		6/16/25	1210	G	S	2			
3641V-10-B01 (0-2)			1215						
3641V-08-B01 (0-2)			1220						
3641V-06-B02 (0-2)			1225						
3641V-06-B01 (0-2)			1230						
3641V-04-B02 (0-4)			1235						
3641V-04-B01 (0-2)			1240						
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other									
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)				
☐ 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		Company		Date/Time		Received by		Company	
Relinquished by		Company		Date/Time		Received by		Company	
Relinquished by		Company		Date/Time		Received in Laboratory by		Company	

Login Sample Receipt Checklist

Client: WSP USA Inc

Job Number: 500-270096-1

Login Number: 270096

List Source: Eurofins Chicago

List Number: 1

Creator: Scott, Sherri L

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	Received same day of collection; chilling process has begun.
Cooler Temperature is recorded.	True	9.9,12.6,10.4
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 <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: FAP 341 (IL 72) Office Phone Number, if available: _____

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

1485 N. Oakmont Road (ISGS #3641V-6)

City: Hoffman Estates State: IL Zip Code: 60169

County: Cook Township: Schaumburg

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

Latitude: 42.05322 Longitude: - 88.11971

(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.): 101

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)]:

Locations 3641V-06-B01 and -B02 were sampled within the construction zone adjacent to ISGS #3641V-6 (Residence). Refer to PSI Report for ISGS #3641V-6 (Residence) including Table 4-3, and Figure 4-1.

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

See attached data summary table and associated laboratory data package J270096-1 .

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

I, Thomas C. Campbell, P.E. (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: 115 W Washington St. Suite 1270S
City: Indianapolis State: IN Zip Code: 46204
Phone: (317) 972-1706

Thomas C. Campbell, P.E.

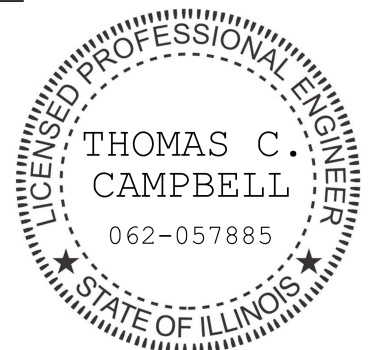
Printed Name:

Thomas C. Campbell

Licensed Professional Engineer or
Licensed Professional Geologist Signature:

12/01/2025

Date:



Expires **11/30/2027**

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

Analytical Data Summary
PTB #196-002; Work Order 57A - IDOT Job # D-91-147-23

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 57A - IDOT Job # D-91-147-23

CONTAMINANTS OF CONCERN

SITE	ISGS #3641V-6 (Residence)		Comparison Criteria					
BORING	3641V-06-B01	3641V-06-B02	MACs			TACO		
SAMPLE	3641V-06-B01 (0-2)	3641V-06-B02 (0-2)	Most Stringent	Within an MSA	Within Chicago	Residential	Construction Worker	SCGIER
MATRIX	Soil	Soil						
DEPTH (feet)	0-2	0-2						
pH	8.6	8.3						
PID (meter units)	--	--						
VOCs (None Detected)								
SVOCs (mg/kg)								
Benzo(a)anthracene	0.0076 J	0.012 J	0.9	1.8	11	1.8	170	--
Chrysene	ND U	0.010 J	88	--	11	88	17,000	--
Inorganics (mg/kg)								
Arsenic	8.7	7.2 J	11.3	13	--	13	61	--
Barium	43	49 J	1,500	--	--	5,500	14,000	--
Beryllium	0.68	0.79	22	--	--	160	410	--
Boron	16	21	40	--	--	16,000	41,000	--
Cadmium	0.11	0.13	5.2	--	--	78	200	--
Chromium	19	23 †	21	--	--	230	690	--
Cobalt	10	12 J	20	--	--	4,700	12,000	--
Copper	22	21	2,900	--	--	2,900	8,200	--
Iron	19,000 †m	20,000 †m	15,000	15,900	--	--	--	--
Lead	29	14	107	--	--	400	700	--
Magnesium	21,000	26,000	325,000	--	--	--	730,000	--
Manganese	250	290 J	630	636	--	1,600	4,100	--
Mercury	0.017 J	0.022	0.89	--	--	10	0.1	--
Nickel	29	32 J	100	--	--	1,600	4,100	--
Thallium	0.50 J	0.46 J	2.6	--	--	6.3	160	--
Vanadium	26	29	550	--	--	550	1,400	--
Zinc	70	70	5,100	--	--	23,000	61,000	--
TCLP Metals (mg/L)								
Barium	0.20	0.25	--	--	--	--	--	2
Cadmium	0.0024 J	0.0017 J	--	--	--	--	--	0.005
Chromium	ND U	ND U	--	--	--	--	--	0.1
Cobalt	0.014	ND U	--	--	--	--	--	1
Copper	0.0030 J	0.0027 J	--	--	--	--	--	0.65
Iron	0.12 J	0.10 J	--	--	--	--	--	5
Manganese	2.1 L	0.89 L	--	--	--	--	--	0.15
Nickel	0.012	0.0057 J	--	--	--	--	--	0.1
SPLP Metals (mg/L)								
Manganese	0.75 L	1.0 L	--	--	--	--	--	0.15

ANALYTICAL REPORT

PREPARED FOR

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

Generated 7/8/2025 5:29:22 PM Revision 1

JOB DESCRIPTION

IDOT - 196-002-WO57A IL 72 Hoffman Estates

JOB NUMBER

500-270096-1

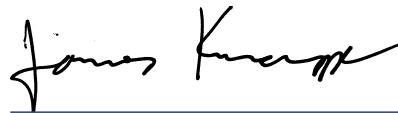
Eurofins Chicago

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



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

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Revision 1

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Case Narrative

Client: WSP USA Inc
Project: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Job ID: 500-270096-1

Eurofins Chicago

Job Narrative 500-270096-1

Revision

The report being provided is a revision of the original report sent on 7/2/2025. The report (revision 1) is being revised to include more details on the narrative below for method 8260D..

Receipt

The samples were received on 6/16/2025 2:40 PM. 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 9.9° C, 10.4° C and 12.6° C.

GC/MS VOA

Method 8260D: Internal standard (1,4-Dichlorobenzene-d4) response was outside of acceptance limits for the following sample: 3641V-05-B01 (5-10) (500-270096-5), 3641V-05-B01 (10-15) (500-270096-6), 3641V-05-B02 (0-5) (500-270096-7), 3641V-05-B02 (0-5)D (500-270096-8), 3641V-05-B03 (0-5) (500-270096-10), 3641V-05-B03 (5-10) (500-270096-11), 3641V-05-B04 (0-2) (500-270096-12) and 3641V-09-B01 (0-2) (500-270096-13). The sample did not have detects of requested analytes using this internal standard. Surrogate 4-Bromofluorobenzene is also being quantitated with this internal standard.

Method 8260D: Surrogate recovery for the following samples were outside the upper control limit: 3641V-05-B01 (10-15) (500-270096-6), 3641V-05-B03 (0-5) (500-270096-10), 3641V-05-B03 (5-10) (500-270096-11) and 3641V-05-B04 (0-2) (500-270096-12). This sample did not contain any target analytes above the reporting limit; therefore, re-extraction and/or re-analysis was not performed.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 500-823459 was outside the method criteria for the following analyte(s): 2-hexanone,4-methyl-2-pentanone, acetone, 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 500-823459 recovered outside control limits for the following analytes: Chloromethane. These analytes were biased low in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: Surrogate recovery for the following sample was outside the upper control limit: 3641V-08-B01 (0-2) (500-270096-15). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 500-823604 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 laboratory control sample duplicate (LCSD) for analytical batch 500-823845 recovered outside control limits for the following analytes: Carbon tetrachloride. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.
(LCSD 500-823845/9)

Method 8260D: The following analyte(s) recovered outside control limits for the LCS associated with analytical batch 500-823222: Bromomethane. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.(LCS 500-823222/7)

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 500-823222 was outside the method criteria for the following analyte(s): carbon disulfide, bromomethane. 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.

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 500-823426 was outside the method criteria for the following analyte(s): 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.

Eurofins Chicago

Case Narrative

Client: WSP USA Inc
Project: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Job ID: 500-270096-1 (Continued)

Eurofins Chicago

Method 8270E: The continuing calibration verification (CCV) analyzed in 500-823426 was outside the method criteria for the following analyte(s): 2,2'-oxybis[1-chloropropane], 2-Nitroaniline, 4,6-Dinitro-2-methylphenol, Benzo[b]fluoranthene, Bis(2-chloroethyl)ether, Isophorone, Nitrobenzene, N-Nitrosodi-n-propylamine and Nitrobenzene-d5 (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 continuing calibration verification (CCV) analyzed in 500-823422 was outside the method criteria for the following analyte(s): 2,4-Dinitrophenol. 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 500-823337 and analytical batch 500-823620 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.

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

Metals

Method 6010D: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3641V-01-B02 (0-7) (500-270096-1), 3641V-01-B02 (7-13) (500-270096-2), 3641V-05-B01 (0-5) (500-270096-4), 3641V-05-B01 (5-10) (500-270096-5) and 3641V-05-B02 (0-5) (500-270096-7). Elevated reporting limits (RLs) are provided.

Method 6010D: The method blank for leach batch 822394 contained Ba, Cr, and Se 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 laboratory control sample (LCS) for preparation batch 500-822394 and 500-822646 and analytical batch 500-823557 recovered outside control limits for the following analytes: Zinc. These analytes were biased high in the LCS and were not detected above the reporting limit in the associated samples; therefore, the data have been reported.

Method 6010D: The continuing calibration verification (CCV) associated with batch 500-823557 recovered above the upper control limit for Zinc. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are: 3641V-06-B02 (0-2) (500-270096-16), 3641V-06-B01 (0-2) (500-270096-17), 3641V-04-B02 (0-2) (500-270096-18) and 3641V-04-B01 (0-2) (500-270096-19).

Methods 200.7 Rev 4.4, 6010D: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3641V-05-B02 (5-10) (500-270096-9), 3641V-05-B03 (0-5) (500-270096-10), 3641V-05-B03 (5-10) (500-270096-11), 3641V-05-B04 (0-2) (500-270096-12), 3641V-09-B01 (0-2) (500-270096-13) and 3641V-08-B01 (0-2) (500-270096-15). Elevated reporting limits (RLs) are provided.

Method 6010D: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3641V-05-B02 (5-10) (500-270096-9), 3641V-05-B03 (0-5) (500-270096-10), 3641V-05-B03 (5-10) (500-270096-11), 3641V-05-B04 (0-2) (500-270096-12), 3641V-09-B01 (0-2) (500-270096-13) and 3641V-08-B01 (0-2) (500-270096-15). Elevated reporting limits (RLs) are provided.

Method 6010D: The method blank for preparation batch 500-822697 and analytical batch 500-823785 contained 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: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3641V-01-B02 (0-7) (500-270096-1), 3641V-01-B02 (7-13) (500-270096-2), 3641V-01-B01 (0-3) (500-270096-3), 3641V-05-B01 (0-5) (500-270096-4), 3641V-05-B01 (5-10) (500-270096-5), 3641V-05-B01 (10-15) (500-270096-6), 3641V-06-B02 (0-2) (500-270096-16), 3641V-06-B01 (0-2) (500-270096-17), 3641V-04-B02 (0-2) (500-270096-18), 3641V-04-B01 (0-2) (500-270096-19), (500-270096-D-16-G DU ^5), (500-270096-D-16-H MS ^5), (500-270096-D-16-I MSD ^5) and (500-270096-D-16-F SD ^25). Elevated reporting limits (RLs) are provided.

Method 6010D: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3641V-05-B02 (0-5) (500-270096-7) and 3641V-05-B02 (0-5)D (500-270096-8). Elevated reporting limits (RLs) are provided.

Methods 200.7 Rev 4.4, 6010D: The following sample was diluted to bring the concentration of target analytes within the calibration range: 3641V-10-B01 (0-2) (500-270096-14). Elevated reporting limits (RLs) are provided.

Method 7470A: Lab blank came above reporting limit. Sample #12 of 270096 was a hit and not reported.

Eurofins Chicago

Case Narrative

Client: WSP USA Inc
Project: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Job ID: 500-270096-1 (Continued)

Eurofins Chicago

(LB 500-822250/1-C)

Method 7470A: The filtered lab blank for preparation batch 500-822394 and 500-823094 contained mercury 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 7470A: The method blank for preparation batch 500-822250 and 500-823485 contained Mercury 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.

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 500-822449 and analytical batch 500-822763 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.

Organic Prep

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

Eurofins Chicago

Detection Summary

Client: WSP USA Inc

Job ID: 500-270096-1

Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Client Sample ID: 3641V-06-B02 (0-2)

Lab Sample ID: 500-270096-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.012	J	0.039	0.0083	mg/Kg	1	✳	8270E	Total/NA
Chrysene	0.010	J	0.039	0.010	mg/Kg	1	✳	8270E	Total/NA
Arsenic	7.2	F1 F2	0.59	0.20	mg/Kg	1	✳	6010D	Total/NA
Barium	49	F2	0.59	0.067	mg/Kg	1	✳	6010D	Total/NA
Beryllium	0.79		0.24	0.055	mg/Kg	1	✳	6010D	Total/NA
Boron	21		2.9	0.27	mg/Kg	1	✳	6010D	Total/NA
Cadmium	0.13		0.12	0.021	mg/Kg	1	✳	6010D	Total/NA
Chromium	23		0.59	0.29	mg/Kg	1	✳	6010D	Total/NA
Cobalt	12	F1 F2	0.29	0.077	mg/Kg	1	✳	6010D	Total/NA
Copper	21		0.59	0.16	mg/Kg	1	✳	6010D	Total/NA
Iron	20000		12	6.1	mg/Kg	1	✳	6010D	Total/NA
Lead	14		1.5	0.68	mg/Kg	5	✳	6010D	Total/NA
Magnesium	26000		5.9	2.9	mg/Kg	1	✳	6010D	Total/NA
Manganese	290	F2	0.59	0.085	mg/Kg	1	✳	6010D	Total/NA
Nickel	32	F1 F2	0.59	0.17	mg/Kg	1	✳	6010D	Total/NA
Thallium	0.46	J	0.59	0.29	mg/Kg	1	✳	6010D	Total/NA
Vanadium	29		0.29	0.069	mg/Kg	1	✳	6010D	Total/NA
Zinc	70	B	1.2	0.52	mg/Kg	1	✳	6010D	Total/NA
Barium	0.25	B	0.010	0.0012	mg/L	1		6010D	TCLP
Cadmium	0.0017	J	0.0050	0.00043	mg/L	1		6010D	TCLP
Copper	0.0027	J	0.010	0.0018	mg/L	1		6010D	TCLP
Iron	0.10	J	0.40	0.082	mg/L	1		6010D	TCLP
Manganese	0.89		0.010	0.0023	mg/L	1		6010D	TCLP
Nickel	0.0057	J	0.010	0.0048	mg/L	1		6010D	TCLP
Manganese	1.0		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.022		0.018	0.0072	mg/Kg	1	✳	7471B	Total/NA
pH	8.3		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 3641V-06-B01 (0-2)

Lab Sample ID: 500-270096-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.0076	J	0.036	0.0076	mg/Kg	1	✳	8270E	Total/NA
Arsenic	8.7		0.56	0.19	mg/Kg	1	✳	6010D	Total/NA
Barium	43		0.56	0.064	mg/Kg	1	✳	6010D	Total/NA
Beryllium	0.68		0.22	0.052	mg/Kg	1	✳	6010D	Total/NA
Boron	16		2.8	0.26	mg/Kg	1	✳	6010D	Total/NA
Cadmium	0.11		0.11	0.020	mg/Kg	1	✳	6010D	Total/NA
Chromium	19		0.56	0.28	mg/Kg	1	✳	6010D	Total/NA
Cobalt	10		0.28	0.073	mg/Kg	1	✳	6010D	Total/NA
Copper	22		0.56	0.16	mg/Kg	1	✳	6010D	Total/NA
Iron	19000		11	5.8	mg/Kg	1	✳	6010D	Total/NA
Lead	29		1.4	0.64	mg/Kg	5	✳	6010D	Total/NA
Magnesium	21000		5.6	2.8	mg/Kg	1	✳	6010D	Total/NA
Manganese	250		0.56	0.081	mg/Kg	1	✳	6010D	Total/NA
Nickel	29		0.56	0.16	mg/Kg	1	✳	6010D	Total/NA
Thallium	0.50	J	0.56	0.28	mg/Kg	1	✳	6010D	Total/NA
Vanadium	26		0.28	0.066	mg/Kg	1	✳	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

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Detection Summary

Client: WSP USA Inc

Job ID: 500-270096-1

Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Client Sample ID: 3641V-06-B01 (0-2) (Continued)

Lab Sample ID: 500-270096-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	70	B	1.1	0.49	mg/Kg	1	☼	6010D	Total/NA
Barium	0.20	B	0.010	0.0012	mg/L	1		6010D	TCLP
Cadmium	0.0024	J	0.0050	0.00043	mg/L	1		6010D	TCLP
Cobalt	0.014		0.0050	0.00078	mg/L	1		6010D	TCLP
Copper	0.0030	J	0.010	0.0018	mg/L	1		6010D	TCLP
Iron	0.12	J	0.40	0.082	mg/L	1		6010D	TCLP
Manganese	2.1		0.010	0.0023	mg/L	1		6010D	TCLP
Nickel	0.012		0.010	0.0048	mg/L	1		6010D	TCLP
Manganese	0.75		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.017	J	0.018	0.0074	mg/Kg	1	☼	7471B	Total/NA
pH	8.6		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: 500-270096-1

Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

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-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-270096-16	3641V-06-B02 (0-2)	Solid	06/16/25 12:25	06/16/25 14:40
500-270096-17	3641V-06-B01 (0-2)	Solid	06/16/25 12:30	06/16/25 14:40

Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-06-B02 (0-2)

Lab Sample ID: 500-270096-16

Date Collected: 06/16/25 12:25

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 83.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.013		0.013	0.0055	mg/Kg	☆	06/16/25 15:43	06/26/25 18:44	1
Benzene	<0.0013		0.0013	0.00041	mg/Kg	☆	06/16/25 15:43	06/26/25 18:44	1
Bromodichloromethane	<0.0013		0.0013	0.00042	mg/Kg	☆	06/16/25 15:43	06/26/25 18:44	1
Bromoform	<0.0013		0.0013	0.00076	mg/Kg	☆	06/16/25 15:43	06/26/25 18:44	1
Bromomethane	<0.0033		0.0033	0.0016	mg/Kg	☆	06/16/25 15:43	06/26/25 18:44	1
2-Butanone (MEK)	<0.0033		0.0033	0.0014	mg/Kg	☆	06/16/25 15:43	06/26/25 18:44	1
Carbon disulfide	<0.0033		0.0033	0.00060	mg/Kg	☆	06/16/25 15:43	06/26/25 18:44	1
Carbon tetrachloride	<0.0013		0.0013	0.00044	mg/Kg	☆	06/16/25 15:43	06/26/25 18:44	1
Chlorobenzene	<0.0013		0.0013	0.00055	mg/Kg	☆	06/16/25 15:43	06/26/25 18:44	1
Chloroethane	<0.0033		0.0033	0.0011	mg/Kg	☆	06/16/25 15:43	06/26/25 18:44	1
Chloroform	<0.0013		0.0013	0.00094	mg/Kg	☆	06/16/25 15:43	06/26/25 18:44	1
Chloromethane	<0.0033	*	0.0033	0.00063	mg/Kg	☆	06/16/25 15:43	06/26/25 18:44	1
cis-1,2-Dichloroethene	<0.0013		0.0013	0.00053	mg/Kg	☆	06/16/25 15:43	06/26/25 18:44	1
cis-1,3-Dichloropropene	<0.0013		0.0013	0.00052	mg/Kg	☆	06/16/25 15:43	06/26/25 18:44	1
Dibromochloromethane	<0.0013		0.0013	0.00060	mg/Kg	☆	06/16/25 15:43	06/26/25 18:44	1
1,2-Dibromo-3-Chloropropane	<0.0033		0.0033	0.0023	mg/Kg	☆	06/16/25 15:43	06/26/25 18:44	1
1,1-Dichloroethane	<0.0013		0.0013	0.00049	mg/Kg	☆	06/16/25 15:43	06/26/25 18:44	1
1,2-Dichloroethane	<0.0033		0.0033	0.00084	mg/Kg	☆	06/16/25 15:43	06/26/25 18:44	1
1,1-Dichloroethene	<0.0013		0.0013	0.00054	mg/Kg	☆	06/16/25 15:43	06/26/25 18:44	1
1,2-Dichloropropane	<0.0013		0.0013	0.00034	mg/Kg	☆	06/16/25 15:43	06/26/25 18:44	1
1,3-Dichloropropene, Total	<0.0013		0.0013	0.00062	mg/Kg	☆	06/16/25 15:43	06/26/25 18:44	1
Ethylbenzene	<0.0013		0.0013	0.00069	mg/Kg	☆	06/16/25 15:43	06/26/25 18:44	1
2-Hexanone	<0.0033		0.0033	0.0020	mg/Kg	☆	06/16/25 15:43	06/26/25 18:44	1
Methylene Chloride	<0.0033		0.0033	0.0014	mg/Kg	☆	06/16/25 15:43	06/26/25 18:44	1
4-Methyl-2-pentanone (MIBK)	<0.0033		0.0033	0.0023	mg/Kg	☆	06/16/25 15:43	06/26/25 18:44	1
Methyl tert-butyl ether	<0.0013		0.0013	0.00042	mg/Kg	☆	06/16/25 15:43	06/26/25 18:44	1
Styrene	<0.0013		0.0013	0.00059	mg/Kg	☆	06/16/25 15:43	06/26/25 18:44	1
1,1,2,2-Tetrachloroethane	<0.0013		0.0013	0.00065	mg/Kg	☆	06/16/25 15:43	06/26/25 18:44	1
Tetrachloroethene	<0.0013		0.0013	0.00073	mg/Kg	☆	06/16/25 15:43	06/26/25 18:44	1
Toluene	<0.0013		0.0013	0.00026	mg/Kg	☆	06/16/25 15:43	06/26/25 18:44	1
trans-1,2-Dichloroethene	<0.0013		0.0013	0.00049	mg/Kg	☆	06/16/25 15:43	06/26/25 18:44	1
trans-1,3-Dichloropropene	<0.0013		0.0013	0.00062	mg/Kg	☆	06/16/25 15:43	06/26/25 18:44	1
1,1,1-Trichloroethane	<0.0013		0.0013	0.00053	mg/Kg	☆	06/16/25 15:43	06/26/25 18:44	1
1,1,2-Trichloroethane	<0.0013		0.0013	0.00049	mg/Kg	☆	06/16/25 15:43	06/26/25 18:44	1
Trichloroethene	<0.0013		0.0013	0.00035	mg/Kg	☆	06/16/25 15:43	06/26/25 18:44	1
Vinyl acetate	<0.0033		0.0033	0.00078	mg/Kg	☆	06/16/25 15:43	06/26/25 18:44	1
Vinyl chloride	<0.0013		0.0013	0.00053	mg/Kg	☆	06/16/25 15:43	06/26/25 18:44	1
Xylenes, Total	<0.0026		0.0026	0.00045	mg/Kg	☆	06/16/25 15:43	06/26/25 18:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		75 - 131	06/16/25 15:43	06/26/25 18:44	1
Dibromofluoromethane	98		75 - 126	06/16/25 15:43	06/26/25 18:44	1
1,2-Dichloroethane-d4 (Surr)	102		70 - 134	06/16/25 15:43	06/26/25 18:44	1
Toluene-d8 (Surr)	106		75 - 124	06/16/25 15:43	06/26/25 18:44	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	☆	06/25/25 07:38	06/26/25 16:42	1
1,2-Dichlorobenzene	<0.20		0.20	0.016	mg/Kg	☆	06/25/25 07:38	06/26/25 16:42	1
1,3-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☆	06/25/25 07:38	06/26/25 16:42	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-06-B02 (0-2)

Lab Sample ID: 500-270096-16

Date Collected: 06/16/25 12:25

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 83.2

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	☆	06/25/25 07:38	06/26/25 16:42	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.028	mg/Kg	☆	06/25/25 07:38	06/26/25 16:42	1
2,4,5-Trichlorophenol	<0.39		0.39	0.015	mg/Kg	☆	06/25/25 07:38	06/26/25 16:42	1
2,4,6-Trichlorophenol	<0.39		0.39	0.013	mg/Kg	☆	06/25/25 07:38	06/26/25 16:42	1
2,4-Dichlorophenol	<0.39		0.39	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 16:42	1
2,4-Dimethylphenol	<0.39		0.39	0.088	mg/Kg	☆	06/25/25 07:38	06/26/25 16:42	1
2,4-Dinitrophenol	<0.79		0.79	0.23	mg/Kg	☆	06/25/25 07:38	06/26/25 16:42	1
2,4-Dinitrotoluene	<0.20		0.20	0.022	mg/Kg	☆	06/25/25 07:38	06/26/25 16:42	1
2,6-Dinitrotoluene	<0.20		0.20	0.028	mg/Kg	☆	06/25/25 07:38	06/26/25 16:42	1
2-Chloronaphthalene	<0.20		0.20	0.015	mg/Kg	☆	06/25/25 07:38	06/26/25 16:42	1
2-Chlorophenol	<0.20		0.20	0.013	mg/Kg	☆	06/25/25 07:38	06/26/25 16:42	1
2-Methylnaphthalene	<0.079		0.079	0.0079	mg/Kg	☆	06/25/25 07:38	06/26/25 16:42	1
2-Methylphenol	<0.20		0.20	0.021	mg/Kg	☆	06/25/25 07:38	06/26/25 16:42	1
2-Nitroaniline	<0.20		0.20	0.021	mg/Kg	☆	06/25/25 07:38	06/26/25 16:42	1
2-Nitrophenol	<0.39		0.39	0.027	mg/Kg	☆	06/25/25 07:38	06/26/25 16:42	1
3 & 4 Methylphenol	<0.20		0.20	0.029	mg/Kg	☆	06/25/25 07:38	06/26/25 16:42	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.17	mg/Kg	☆	06/25/25 07:38	06/26/25 16:42	1
3-Nitroaniline	<0.39		0.39	0.018	mg/Kg	☆	06/25/25 07:38	06/26/25 16:42	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.22	mg/Kg	☆	06/25/25 07:38	06/26/25 16:42	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.027	mg/Kg	☆	06/25/25 07:38	06/26/25 16:42	1
4-Chloro-3-methylphenol	<0.39		0.39	0.033	mg/Kg	☆	06/25/25 07:38	06/26/25 16:42	1
4-Chloroaniline	<0.79		0.79	0.41	mg/Kg	☆	06/25/25 07:38	06/26/25 16:42	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☆	06/25/25 07:38	06/26/25 16:42	1
4-Nitroaniline	<0.39		0.39	0.029	mg/Kg	☆	06/25/25 07:38	06/26/25 16:42	1
4-Nitrophenol	<0.79		0.79	0.43	mg/Kg	☆	06/25/25 07:38	06/26/25 16:42	1
Acenaphthene	<0.039		0.039	0.0080	mg/Kg	☆	06/25/25 07:38	06/26/25 16:42	1
Acenaphthylene	<0.039		0.039	0.0067	mg/Kg	☆	06/25/25 07:38	06/26/25 16:42	1
Anthracene	<0.039		0.039	0.0080	mg/Kg	☆	06/25/25 07:38	06/26/25 16:42	1
Benzo[a]anthracene	0.012 J		0.039	0.0083	mg/Kg	☆	06/25/25 07:38	06/26/25 16:42	1
Benzo[a]pyrene	<0.039		0.039	0.038	mg/Kg	☆	06/25/25 07:38	06/26/25 16:42	1
Benzo[b]fluoranthene	<0.039		0.039	0.037	mg/Kg	☆	06/25/25 07:38	06/26/25 16:42	1
Benzo[g,h,i]perylene	<0.039		0.039	0.018	mg/Kg	☆	06/25/25 07:38	06/26/25 16:42	1
Benzo[k]fluoranthene	<0.039		0.039	0.015	mg/Kg	☆	06/25/25 07:38	06/26/25 16:42	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	☆	06/25/25 07:38	06/26/25 16:42	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.018	mg/Kg	☆	06/25/25 07:38	06/26/25 16:42	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.15	mg/Kg	☆	06/25/25 07:38	06/26/25 16:42	1
Butyl benzyl phthalate	<0.20		0.20	0.020	mg/Kg	☆	06/25/25 07:38	06/26/25 16:42	1
Carbazole	<0.20		0.20	0.016	mg/Kg	☆	06/25/25 07:38	06/26/25 16:42	1
Chrysene	0.010 J		0.039	0.010	mg/Kg	☆	06/25/25 07:38	06/26/25 16:42	1
Dibenz(a,h)anthracene	<0.039		0.039	0.039	mg/Kg	☆	06/25/25 07:38	06/26/25 16:42	1
Dibenzofuran	<0.20		0.20	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 16:42	1
Diethyl phthalate	<0.20		0.20	0.018	mg/Kg	☆	06/25/25 07:38	06/26/25 16:42	1
Dimethyl phthalate	<0.20		0.20	0.0085	mg/Kg	☆	06/25/25 07:38	06/26/25 16:42	1
Di-n-butyl phthalate	<0.20		0.20	0.012	mg/Kg	☆	06/25/25 07:38	06/26/25 16:42	1
Di-n-octyl phthalate	<0.39		0.39	0.28	mg/Kg	☆	06/25/25 07:38	06/26/25 16:42	1
Fluoranthene	<0.039		0.039	0.0091	mg/Kg	☆	06/25/25 07:38	06/26/25 16:42	1
Fluorene	<0.039		0.039	0.012	mg/Kg	☆	06/25/25 07:38	06/26/25 16:42	1
Hexachlorobenzene	<0.079		0.079	0.0075	mg/Kg	☆	06/25/25 07:38	06/26/25 16:42	1
Hexachlorobutadiene	<0.20		0.20	0.022	mg/Kg	☆	06/25/25 07:38	06/26/25 16:42	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-06-B02 (0-2)

Lab Sample ID: 500-270096-16

Date Collected: 06/16/25 12:25

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 83.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	<0.79		0.79	0.42	mg/Kg	✱	06/25/25 07:38	06/26/25 16:42	1
Hexachloroethane	<0.20		0.20	0.020	mg/Kg	✱	06/25/25 07:38	06/26/25 16:42	1
Indeno[1,2,3-cd]pyrene	<0.039		0.039	0.038	mg/Kg	✱	06/25/25 07:38	06/26/25 16:42	1
Isophorone	<0.20		0.20	0.020	mg/Kg	✱	06/25/25 07:38	06/26/25 16:42	1
Naphthalene	<0.039		0.039	0.0071	mg/Kg	✱	06/25/25 07:38	06/26/25 16:42	1
Nitrobenzene	<0.039		0.039	0.012	mg/Kg	✱	06/25/25 07:38	06/26/25 16:42	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.023	mg/Kg	✱	06/25/25 07:38	06/26/25 16:42	1
N-Nitrosodiphenylamine	<0.20		0.20	0.078	mg/Kg	✱	06/25/25 07:38	06/26/25 16:42	1
Pentachlorophenol	<0.79		0.79	0.44	mg/Kg	✱	06/25/25 07:38	06/26/25 16:42	1
Phenanthrene	<0.039		0.039	0.0086	mg/Kg	✱	06/25/25 07:38	06/26/25 16:42	1
Phenol	<0.20		0.20	0.017	mg/Kg	✱	06/25/25 07:38	06/26/25 16:42	1
Pyrene	<0.039		0.039	0.011	mg/Kg	✱	06/25/25 07:38	06/26/25 16:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	83		31 - 166	06/25/25 07:38	06/26/25 16:42	1
Phenol-d5 (Surr)	88		30 - 153	06/25/25 07:38	06/26/25 16:42	1
Nitrobenzene-d5 (Surr)	99		37 - 147	06/25/25 07:38	06/26/25 16:42	1
2-Fluorobiphenyl (Surr)	90		43 - 145	06/25/25 07:38	06/26/25 16:42	1
2,4,6-Tribromophenol (Surr)	87		31 - 143	06/25/25 07:38	06/26/25 16:42	1
Terphenyl-d14 (Surr)	98		42 - 157	06/25/25 07:38	06/26/25 16:42	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.2	F1	1.2	0.23	mg/Kg	✱	06/20/25 16:13	06/27/25 21:52	1
Arsenic	7.2	F1 F2	0.59	0.20	mg/Kg	✱	06/20/25 16:13	06/27/25 21:52	1
Barium	49	F2	0.59	0.067	mg/Kg	✱	06/20/25 16:13	06/27/25 21:52	1
Beryllium	0.79		0.24	0.055	mg/Kg	✱	06/20/25 16:13	06/27/25 21:52	1
Boron	21		2.9	0.27	mg/Kg	✱	06/20/25 16:13	06/27/25 21:52	1
Cadmium	0.13		0.12	0.021	mg/Kg	✱	06/20/25 16:13	06/27/25 21:52	1
Chromium	23		0.59	0.29	mg/Kg	✱	06/20/25 16:13	06/27/25 21:52	1
Cobalt	12	F1 F2	0.29	0.077	mg/Kg	✱	06/20/25 16:13	06/27/25 21:52	1
Copper	21		0.59	0.16	mg/Kg	✱	06/20/25 16:13	06/27/25 21:52	1
Iron	20000		12	6.1	mg/Kg	✱	06/20/25 16:13	06/27/25 21:52	1
Lead	14		1.5	0.68	mg/Kg	✱	06/20/25 16:13	06/30/25 16:08	5
Magnesium	26000		5.9	2.9	mg/Kg	✱	06/20/25 16:13	06/27/25 21:52	1
Manganese	290	F2	0.59	0.085	mg/Kg	✱	06/20/25 16:13	06/27/25 21:52	1
Nickel	32	F1 F2	0.59	0.17	mg/Kg	✱	06/20/25 16:13	06/27/25 21:52	1
Selenium	<0.59		0.59	0.35	mg/Kg	✱	06/20/25 16:13	06/30/25 16:04	1
Silver	<1.5	F1	1.5	0.38	mg/Kg	✱	06/20/25 16:13	06/30/25 16:08	5
Thallium	0.46	J	0.59	0.29	mg/Kg	✱	06/20/25 16:13	06/27/25 21:52	1
Vanadium	29		0.29	0.069	mg/Kg	✱	06/20/25 16:13	06/27/25 21:52	1
Zinc	70	B	1.2	0.52	mg/Kg	✱	06/20/25 16:13	06/27/25 21:52	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		06/20/25 13:17	06/25/25 16:24	1
Barium	0.25	B	0.010	0.0012	mg/L		06/20/25 13:17	06/25/25 16:24	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		06/20/25 13:17	06/25/25 16:24	1
Boron	<0.50		0.50	0.0056	mg/L		06/20/25 13:17	06/26/25 14:52	1
Cadmium	0.0017	J	0.0050	0.00043	mg/L		06/20/25 13:17	06/25/25 16:24	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-06-B02 (0-2)

Lab Sample ID: 500-270096-16

Date Collected: 06/16/25 12:25

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 83.2

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		06/20/25 13:17	06/25/25 16:24	1
Cobalt	<0.0050		0.0050	0.00078	mg/L		06/20/25 13:17	06/25/25 16:24	1
Copper	0.0027	J	0.010	0.0018	mg/L		06/20/25 13:17	06/25/25 16:24	1
Iron	0.10	J	0.40	0.082	mg/L		06/20/25 13:17	06/25/25 16:24	1
Lead	<0.0075		0.0075	0.0027	mg/L		06/20/25 13:17	06/26/25 14:52	1
Manganese	0.89		0.010	0.0023	mg/L		06/20/25 13:17	06/25/25 16:24	1
Nickel	0.0057	J	0.010	0.0048	mg/L		06/20/25 13:17	06/25/25 16:24	1
Selenium	<0.050		0.050	0.0053	mg/L		06/20/25 13:17	06/25/25 16:24	1
Silver	<0.0050		0.0050	0.0015	mg/L		06/20/25 13:17	06/25/25 16:24	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		06/20/25 13:17	06/25/25 16:24	1
Zinc	<0.50	*+ ^+	0.50	0.0050	mg/L		06/20/25 13:17	06/26/25 14:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	1.0		0.010	0.0023	mg/L		06/20/25 13:15	07/01/25 03:18	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		06/20/25 13:17	06/25/25 14:11	1
Thallium	<0.0020		0.0020	0.0020	mg/L		06/20/25 13:17	06/25/25 14:11	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		06/24/25 11:05	06/25/25 12:12	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.022		0.018	0.0072	mg/Kg	☆	06/27/25 14:00	06/30/25 09:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.29		0.29	0.14	mg/Kg	☆	06/19/25 13:17	06/19/25 17:00	1
pH (SW846 9045D)	8.3		0.2	0.2	SU			06/20/25 14:09	1

Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-06-B01 (0-2)

Lab Sample ID: 500-270096-17

Date Collected: 06/16/25 12:30

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 88.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.014		0.014	0.0059	mg/Kg	☆	06/16/25 15:43	06/26/25 19:11	1
Benzene	<0.0014		0.0014	0.00044	mg/Kg	☆	06/16/25 15:43	06/26/25 19:11	1
Bromodichloromethane	<0.0014		0.0014	0.00045	mg/Kg	☆	06/16/25 15:43	06/26/25 19:11	1
Bromoform	<0.0014		0.0014	0.00081	mg/Kg	☆	06/16/25 15:43	06/26/25 19:11	1
Bromomethane	<0.0035		0.0035	0.0017	mg/Kg	☆	06/16/25 15:43	06/26/25 19:11	1
2-Butanone (MEK)	<0.0035		0.0035	0.0015	mg/Kg	☆	06/16/25 15:43	06/26/25 19:11	1
Carbon disulfide	<0.0035		0.0035	0.00064	mg/Kg	☆	06/16/25 15:43	06/26/25 19:11	1
Carbon tetrachloride	<0.0014		0.0014	0.00048	mg/Kg	☆	06/16/25 15:43	06/26/25 19:11	1
Chlorobenzene	<0.0014		0.0014	0.00059	mg/Kg	☆	06/16/25 15:43	06/26/25 19:11	1
Chloroethane	<0.0035		0.0035	0.0011	mg/Kg	☆	06/16/25 15:43	06/26/25 19:11	1
Chloroform	<0.0014		0.0014	0.0010	mg/Kg	☆	06/16/25 15:43	06/26/25 19:11	1
Chloromethane	<0.0035	*	0.0035	0.00068	mg/Kg	☆	06/16/25 15:43	06/26/25 19:11	1
cis-1,2-Dichloroethene	<0.0014		0.0014	0.00056	mg/Kg	☆	06/16/25 15:43	06/26/25 19:11	1
cis-1,3-Dichloropropene	<0.0014		0.0014	0.00056	mg/Kg	☆	06/16/25 15:43	06/26/25 19:11	1
Dibromochloromethane	<0.0014		0.0014	0.00065	mg/Kg	☆	06/16/25 15:43	06/26/25 19:11	1
1,2-Dibromo-3-Chloropropane	<0.0035		0.0035	0.0024	mg/Kg	☆	06/16/25 15:43	06/26/25 19:11	1
1,1-Dichloroethane	<0.0014		0.0014	0.00053	mg/Kg	☆	06/16/25 15:43	06/26/25 19:11	1
1,2-Dichloroethane	<0.0035		0.0035	0.00091	mg/Kg	☆	06/16/25 15:43	06/26/25 19:11	1
1,1-Dichloroethene	<0.0014		0.0014	0.00057	mg/Kg	☆	06/16/25 15:43	06/26/25 19:11	1
1,2-Dichloropropane	<0.0014		0.0014	0.00036	mg/Kg	☆	06/16/25 15:43	06/26/25 19:11	1
1,3-Dichloropropene, Total	<0.0014		0.0014	0.00067	mg/Kg	☆	06/16/25 15:43	06/26/25 19:11	1
Ethylbenzene	<0.0014		0.0014	0.00073	mg/Kg	☆	06/16/25 15:43	06/26/25 19:11	1
2-Hexanone	<0.0035		0.0035	0.0021	mg/Kg	☆	06/16/25 15:43	06/26/25 19:11	1
Methylene Chloride	<0.0035		0.0035	0.0015	mg/Kg	☆	06/16/25 15:43	06/26/25 19:11	1
4-Methyl-2-pentanone (MIBK)	<0.0035		0.0035	0.0025	mg/Kg	☆	06/16/25 15:43	06/26/25 19:11	1
Methyl tert-butyl ether	<0.0014		0.0014	0.00045	mg/Kg	☆	06/16/25 15:43	06/26/25 19:11	1
Styrene	<0.0014		0.0014	0.00063	mg/Kg	☆	06/16/25 15:43	06/26/25 19:11	1
1,1,2,2-Tetrachloroethane	<0.0014		0.0014	0.00069	mg/Kg	☆	06/16/25 15:43	06/26/25 19:11	1
Tetrachloroethene	<0.0014		0.0014	0.00078	mg/Kg	☆	06/16/25 15:43	06/26/25 19:11	1
Toluene	<0.0014		0.0014	0.00028	mg/Kg	☆	06/16/25 15:43	06/26/25 19:11	1
trans-1,2-Dichloroethene	<0.0014		0.0014	0.00053	mg/Kg	☆	06/16/25 15:43	06/26/25 19:11	1
trans-1,3-Dichloropropene	<0.0014		0.0014	0.00067	mg/Kg	☆	06/16/25 15:43	06/26/25 19:11	1
1,1,1-Trichloroethane	<0.0014		0.0014	0.00057	mg/Kg	☆	06/16/25 15:43	06/26/25 19:11	1
1,1,2-Trichloroethane	<0.0014		0.0014	0.00052	mg/Kg	☆	06/16/25 15:43	06/26/25 19:11	1
Trichloroethene	<0.0014		0.0014	0.00038	mg/Kg	☆	06/16/25 15:43	06/26/25 19:11	1
Vinyl acetate	<0.0035		0.0035	0.00083	mg/Kg	☆	06/16/25 15:43	06/26/25 19:11	1
Vinyl chloride	<0.0014		0.0014	0.00057	mg/Kg	☆	06/16/25 15:43	06/26/25 19:11	1
Xylenes, Total	<0.0028		0.0028	0.00048	mg/Kg	☆	06/16/25 15:43	06/26/25 19:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		75 - 131	06/16/25 15:43	06/26/25 19:11	1
Dibromofluoromethane	95		75 - 126	06/16/25 15:43	06/26/25 19:11	1
1,2-Dichloroethane-d4 (Surr)	99		70 - 134	06/16/25 15:43	06/26/25 19:11	1
Toluene-d8 (Surr)	107		75 - 124	06/16/25 15:43	06/26/25 19:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.026	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1
1,2-Dichlorobenzene	<0.18		0.18	0.015	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1
1,3-Dichlorobenzene	<0.18		0.18	0.016	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-06-B01 (0-2)

Lab Sample ID: 500-270096-17

Date Collected: 06/16/25 12:30

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 88.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.026	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1
2,4,5-Trichlorophenol	<0.36		0.36	0.013	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1
2,4,6-Trichlorophenol	<0.36		0.36	0.012	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1
2,4-Dichlorophenol	<0.36		0.36	0.013	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1
2,4-Dimethylphenol	<0.36		0.36	0.080	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1
2,4-Dinitrophenol	<0.72		0.72	0.21	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1
2,4-Dinitrotoluene	<0.18		0.18	0.020	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1
2,6-Dinitrotoluene	<0.18		0.18	0.025	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1
2-Chloronaphthalene	<0.18		0.18	0.013	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1
2-Chlorophenol	<0.18		0.18	0.012	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1
2-Methylnaphthalene	<0.072		0.072	0.0072	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1
2-Methylphenol	<0.18		0.18	0.019	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1
2-Nitroaniline	<0.18		0.18	0.019	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1
2-Nitrophenol	<0.36		0.36	0.024	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1
3 & 4 Methylphenol	<0.18		0.18	0.026	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.16	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1
3-Nitroaniline	<0.36		0.36	0.016	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1
4,6-Dinitro-2-methylphenol	<0.72		0.72	0.20	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.025	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1
4-Chloro-3-methylphenol	<0.36		0.36	0.030	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1
4-Chloroaniline	<0.72		0.72	0.38	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.047	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1
4-Nitroaniline	<0.36		0.36	0.026	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1
4-Nitrophenol	<0.72		0.72	0.39	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1
Acenaphthene	<0.036		0.036	0.0073	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1
Acenaphthylene	<0.036		0.036	0.0061	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1
Anthracene	<0.036		0.036	0.0073	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1
Benzo[a]anthracene	0.0076 J		0.036	0.0076	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1
Benzo[a]pyrene	<0.036		0.036	0.035	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1
Benzo[b]fluoranthene	<0.036		0.036	0.034	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1
Benzo[g,h,i]perylene	<0.036		0.036	0.016	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1
Benzo[k]fluoranthene	<0.036		0.036	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.013	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.14	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1
Butyl benzyl phthalate	<0.18		0.18	0.018	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1
Carbazole	<0.18		0.18	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1
Chrysene	<0.036		0.036	0.0094	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1
Dibenz(a,h)anthracene	<0.036		0.036	0.036	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1
Dibenzofuran	<0.18		0.18	0.013	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1
Diethyl phthalate	<0.18		0.18	0.016	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1
Dimethyl phthalate	<0.18		0.18	0.0078	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1
Di-n-butyl phthalate	<0.18		0.18	0.011	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1
Di-n-octyl phthalate	<0.36		0.36	0.25	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1
Fluoranthene	<0.036		0.036	0.0083	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1
Fluorene	<0.036		0.036	0.011	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1
Hexachlorobenzene	<0.072		0.072	0.0069	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1
Hexachlorobutadiene	<0.18		0.18	0.020	mg/Kg	☆	06/25/25 07:38	06/26/25 17:07	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-06-B01 (0-2)

Lab Sample ID: 500-270096-17

Date Collected: 06/16/25 12:30

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 88.2

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	✱	06/25/25 07:38	06/26/25 17:07	1
Hexachloroethane	<0.18		0.18	0.018	mg/Kg	✱	06/25/25 07:38	06/26/25 17:07	1
Indeno[1,2,3-cd]pyrene	<0.036		0.036	0.035	mg/Kg	✱	06/25/25 07:38	06/26/25 17:07	1
Isophorone	<0.18		0.18	0.018	mg/Kg	✱	06/25/25 07:38	06/26/25 17:07	1
Naphthalene	<0.036		0.036	0.0065	mg/Kg	✱	06/25/25 07:38	06/26/25 17:07	1
Nitrobenzene	<0.036		0.036	0.011	mg/Kg	✱	06/25/25 07:38	06/26/25 17:07	1
N-Nitrosodi-n-propylamine	<0.072		0.072	0.021	mg/Kg	✱	06/25/25 07:38	06/26/25 17:07	1
N-Nitrosodiphenylamine	<0.18		0.18	0.071	mg/Kg	✱	06/25/25 07:38	06/26/25 17:07	1
Pentachlorophenol	<0.72		0.72	0.40	mg/Kg	✱	06/25/25 07:38	06/26/25 17:07	1
Phenanthrene	<0.036		0.036	0.0078	mg/Kg	✱	06/25/25 07:38	06/26/25 17:07	1
Phenol	<0.18		0.18	0.016	mg/Kg	✱	06/25/25 07:38	06/26/25 17:07	1
Pyrene	<0.036		0.036	0.0098	mg/Kg	✱	06/25/25 07:38	06/26/25 17:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	82		31 - 166	06/25/25 07:38	06/26/25 17:07	1
Phenol-d5 (Surr)	86		30 - 153	06/25/25 07:38	06/26/25 17:07	1
Nitrobenzene-d5 (Surr)	94		37 - 147	06/25/25 07:38	06/26/25 17:07	1
2-Fluorobiphenyl (Surr)	88		43 - 145	06/25/25 07:38	06/26/25 17:07	1
2,4,6-Tribromophenol (Surr)	84		31 - 143	06/25/25 07:38	06/26/25 17:07	1
Terphenyl-d14 (Surr)	95		42 - 157	06/25/25 07:38	06/26/25 17:07	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	✱	06/20/25 16:13	06/27/25 22:23	1
Arsenic	8.7		0.56	0.19	mg/Kg	✱	06/20/25 16:13	06/27/25 22:23	1
Barium	43		0.56	0.064	mg/Kg	✱	06/20/25 16:13	06/27/25 22:23	1
Beryllium	0.68		0.22	0.052	mg/Kg	✱	06/20/25 16:13	06/27/25 22:23	1
Boron	16		2.8	0.26	mg/Kg	✱	06/20/25 16:13	06/27/25 22:23	1
Cadmium	0.11		0.11	0.020	mg/Kg	✱	06/20/25 16:13	06/27/25 22:23	1
Chromium	19		0.56	0.28	mg/Kg	✱	06/20/25 16:13	06/27/25 22:23	1
Cobalt	10		0.28	0.073	mg/Kg	✱	06/20/25 16:13	06/27/25 22:23	1
Copper	22		0.56	0.16	mg/Kg	✱	06/20/25 16:13	06/27/25 22:23	1
Iron	19000		11	5.8	mg/Kg	✱	06/20/25 16:13	06/27/25 22:23	1
Lead	29		1.4	0.64	mg/Kg	✱	06/20/25 16:13	06/30/25 17:01	5
Magnesium	21000		5.6	2.8	mg/Kg	✱	06/20/25 16:13	06/27/25 22:23	1
Manganese	250		0.56	0.081	mg/Kg	✱	06/20/25 16:13	06/27/25 22:23	1
Nickel	29		0.56	0.16	mg/Kg	✱	06/20/25 16:13	06/27/25 22:23	1
Selenium	<0.56		0.56	0.33	mg/Kg	✱	06/20/25 16:13	06/30/25 16:56	1
Silver	<1.4		1.4	0.36	mg/Kg	✱	06/20/25 16:13	06/30/25 17:01	5
Thallium	0.50	J	0.56	0.28	mg/Kg	✱	06/20/25 16:13	06/27/25 22:23	1
Vanadium	26		0.28	0.066	mg/Kg	✱	06/20/25 16:13	06/27/25 22:23	1
Zinc	70	B	1.1	0.49	mg/Kg	✱	06/20/25 16:13	06/27/25 22:23	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		06/20/25 13:17	06/25/25 16:28	1
Barium	0.20	B	0.010	0.0012	mg/L		06/20/25 13:17	06/25/25 16:28	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		06/20/25 13:17	06/25/25 16:28	1
Boron	<0.50		0.50	0.0056	mg/L		06/20/25 13:17	06/26/25 14:56	1
Cadmium	0.0024	J	0.0050	0.00043	mg/L		06/20/25 13:17	06/25/25 16:28	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-06-B01 (0-2)

Lab Sample ID: 500-270096-17

Date Collected: 06/16/25 12:30

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 88.2

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		06/20/25 13:17	06/25/25 16:28	1
Cobalt	0.014		0.0050	0.00078	mg/L		06/20/25 13:17	06/25/25 16:28	1
Copper	0.0030	J	0.010	0.0018	mg/L		06/20/25 13:17	06/25/25 16:28	1
Iron	0.12	J	0.40	0.082	mg/L		06/20/25 13:17	06/25/25 16:28	1
Lead	<0.0075		0.0075	0.0027	mg/L		06/20/25 13:17	06/25/25 16:28	1
Manganese	2.1		0.010	0.0023	mg/L		06/20/25 13:17	06/25/25 16:28	1
Nickel	0.012		0.010	0.0048	mg/L		06/20/25 13:17	06/25/25 16:28	1
Selenium	<0.050		0.050	0.0053	mg/L		06/20/25 13:17	06/25/25 16:28	1
Silver	<0.0050		0.0050	0.0015	mg/L		06/20/25 13:17	06/25/25 16:28	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		06/20/25 13:17	06/25/25 16:28	1
Zinc	<0.50	*+ ^+	0.50	0.0050	mg/L		06/20/25 13:17	06/26/25 14:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	0.75		0.010	0.0023	mg/L		06/20/25 13:15	07/01/25 03:22	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		06/20/25 13:17	06/25/25 14:15	1
Thallium	<0.0020		0.0020	0.0020	mg/L		06/20/25 13:17	06/25/25 14:15	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		06/24/25 11:05	06/25/25 12:27	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	J	0.018	0.0074	mg/Kg	☆	06/27/25 14:00	06/30/25 09:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.25		0.25	0.12	mg/Kg	☆	06/19/25 13:17	06/19/25 17:00	1
pH (SW846 9045D)	8.6		0.2	0.2	SU			06/20/25 14:11	1

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Definitions/Glossary

Client: WSP USA Inc

Job ID: 500-270096-1

Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

Metals

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
F3	Duplicate RPD exceeds the control limit
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
L	A negative instrument reading had an absolute value greater than the reporting limit

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD 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

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Definitions/Glossary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Glossary (Continued)

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

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QC Association Summary

Client: WSP USA Inc

Job ID: 500-270096-1

Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

GC/MS VOA

Prep Batch: 823131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	5035	
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	5035	
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	5035	
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	5035	
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	5035	
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	5035	
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	5035	
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	5035	
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	5035	
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	5035	
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	5035	
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	5035	
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	5035	
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	5035	
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	5035	
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	5035	
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	5035	
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	5035	
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	5035	

Analysis Batch: 823222

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	8260D	823131
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	8260D	823131
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	8260D	823131
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	8260D	823131
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	8260D	823131
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	8260D	823131
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	8260D	823131
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	8260D	823131
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	8260D	823131
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	8260D	823131
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	8260D	823131
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	8260D	823131
MB 500-823222/5	Method Blank	Total/NA	Solid	8260D	
LCS 500-823222/7	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 500-823222/8	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 823459

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	8260D	823131
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	8260D	823131
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	8260D	823131
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	8260D	823131
MB 500-823459/6	Method Blank	Total/NA	Solid	8260D	
LCS 500-823459/2	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 500-823459/3	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 823604

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	8260D	823131

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

GC/MS VOA (Continued)

Analysis Batch: 823604 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	8260D	823131
MB 500-823604/7	Method Blank	Total/NA	Solid	8260D	
LCS 500-823604/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 500-823604/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 823845

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	8260D	823131
MB 500-823845/8	Method Blank	Total/NA	Solid	8260D	
LCS 500-823845/6	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 500-823845/9	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS Semi VOA

Prep Batch: 823218

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	3546	
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	3546	
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	3546	
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	3546	
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	3546	
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	3546	
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	3546	
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	3546	
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	3546	
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	3546	
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	3546	
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	3546	
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	3546	
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	3546	
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	3546	
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	3546	
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	3546	
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	3546	
MB 500-823218/1-A	Method Blank	Total/NA	Solid	3546	
LCS 500-823218/2-A	Lab Control Sample	Total/NA	Solid	3546	

Prep Batch: 823337

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	3546	
MB 500-823337/1-A	Method Blank	Total/NA	Solid	3546	
LCS 500-823337/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 823422

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	8270E	823337
LCS 500-823337/2-A	Lab Control Sample	Total/NA	Solid	8270E	823337

Analysis Batch: 823426

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	8270E	823218

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QC Association Summary

Client: WSP USA Inc

Job ID: 500-270096-1

Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

GC/MS Semi VOA (Continued)

Analysis Batch: 823426 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	8270E	823218
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	8270E	823218
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	8270E	823218
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	8270E	823218
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	8270E	823218
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	8270E	823218
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	8270E	823218
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	8270E	823218
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	8270E	823218
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	8270E	823218
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	8270E	823218
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	8270E	823218
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	8270E	823218
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	8270E	823218
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	8270E	823218
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	8270E	823218
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	8270E	823218
MB 500-823218/1-A	Method Blank	Total/NA	Solid	8270E	823218
LCS 500-823218/2-A	Lab Control Sample	Total/NA	Solid	8270E	823218

Analysis Batch: 823620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-823337/1-A	Method Blank	Total/NA	Solid	8270E	823337

Metals

Leach Batch: 822250

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	TCLP	Solid	1311	
500-270096-2	3641V-01-B02 (7-13)	TCLP	Solid	1311	
500-270096-3	3641V-01-B01 (0-3)	TCLP	Solid	1311	
500-270096-4	3641V-05-B01 (0-5)	TCLP	Solid	1311	
500-270096-5	3641V-05-B01 (5-10)	TCLP	Solid	1311	
500-270096-6	3641V-05-B01 (10-15)	TCLP	Solid	1311	
500-270096-7	3641V-05-B02 (0-5)	TCLP	Solid	1311	
500-270096-8	3641V-05-B02 (0-5)D	TCLP	Solid	1311	
500-270096-9	3641V-05-B02 (5-10)	TCLP	Solid	1311	
500-270096-10	3641V-05-B03 (0-5)	TCLP	Solid	1311	
500-270096-11	3641V-05-B03 (5-10)	TCLP	Solid	1311	
500-270096-12	3641V-05-B04 (0-2)	TCLP	Solid	1311	
500-270096-13	3641V-09-B01 (0-2)	TCLP	Solid	1311	
500-270096-14	3641V-10-B01 (0-2)	TCLP	Solid	1311	
LB 500-822250/1-B	Method Blank	TCLP	Solid	1311	
LB 500-822250/1-C	Method Blank	TCLP	Solid	1311	
LB 500-822250/1-D	Method Blank	TCLP	Solid	1311	

Leach Batch: 822251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	SPLP East	Solid	1312	
500-270096-2	3641V-01-B02 (7-13)	SPLP East	Solid	1312	
500-270096-3	3641V-01-B01 (0-3)	SPLP East	Solid	1312	

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QC Association Summary

Client: WSP USA Inc
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Job ID: 500-270096-1

Metals (Continued)

Leach Batch: 822251 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-4	3641V-05-B01 (0-5)	SPLP East	Solid	1312	
500-270096-5	3641V-05-B01 (5-10)	SPLP East	Solid	1312	
500-270096-6	3641V-05-B01 (10-15)	SPLP East	Solid	1312	
500-270096-7	3641V-05-B02 (0-5)	SPLP East	Solid	1312	
500-270096-8	3641V-05-B02 (0-5)D	SPLP East	Solid	1312	
500-270096-9	3641V-05-B02 (5-10)	SPLP East	Solid	1312	
500-270096-10	3641V-05-B03 (0-5)	SPLP East	Solid	1312	
500-270096-11	3641V-05-B03 (5-10)	SPLP East	Solid	1312	
500-270096-12	3641V-05-B04 (0-2)	SPLP East	Solid	1312	
500-270096-13	3641V-09-B01 (0-2)	SPLP East	Solid	1312	
500-270096-14	3641V-10-B01 (0-2)	SPLP East	Solid	1312	
LB 500-822251/1-B	Method Blank	SPLP East	Solid	1312	

Leach Batch: 822394

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	TCLP	Solid	1311	
500-270096-16	3641V-06-B02 (0-2)	TCLP	Solid	1311	
500-270096-17	3641V-06-B01 (0-2)	TCLP	Solid	1311	
500-270096-18	3641V-04-B02 (0-2)	TCLP	Solid	1311	
500-270096-19	3641V-04-B01 (0-2)	TCLP	Solid	1311	
LB 500-822394/1-B	Method Blank	TCLP	Solid	1311	
LB 500-822394/1-C	Method Blank	TCLP	Solid	1311	

Leach Batch: 822412

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	SPLP East	Solid	1312	
500-270096-16	3641V-06-B02 (0-2)	SPLP East	Solid	1312	
500-270096-17	3641V-06-B01 (0-2)	SPLP East	Solid	1312	
500-270096-18	3641V-04-B02 (0-2)	SPLP East	Solid	1312	
500-270096-19	3641V-04-B01 (0-2)	SPLP East	Solid	1312	
LB 500-822412/1-B	Method Blank	SPLP East	Solid	1312	
500-270096-15 MS	3641V-08-B01 (0-2)	SPLP East	Solid	1312	
500-270096-15 DU	3641V-08-B01 (0-2)	SPLP East	Solid	1312	

Prep Batch: 822485

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	SPLP East	Solid	3010A	822251
500-270096-2	3641V-01-B02 (7-13)	SPLP East	Solid	3010A	822251
500-270096-3	3641V-01-B01 (0-3)	SPLP East	Solid	3010A	822251
500-270096-4	3641V-05-B01 (0-5)	SPLP East	Solid	3010A	822251
500-270096-5	3641V-05-B01 (5-10)	SPLP East	Solid	3010A	822251
500-270096-6	3641V-05-B01 (10-15)	SPLP East	Solid	3010A	822251
500-270096-7	3641V-05-B02 (0-5)	SPLP East	Solid	3010A	822251
500-270096-8	3641V-05-B02 (0-5)D	SPLP East	Solid	3010A	822251
500-270096-9	3641V-05-B02 (5-10)	SPLP East	Solid	3010A	822251
500-270096-10	3641V-05-B03 (0-5)	SPLP East	Solid	3010A	822251
500-270096-11	3641V-05-B03 (5-10)	SPLP East	Solid	3010A	822251
500-270096-12	3641V-05-B04 (0-2)	SPLP East	Solid	3010A	822251
500-270096-13	3641V-09-B01 (0-2)	SPLP East	Solid	3010A	822251
500-270096-14	3641V-10-B01 (0-2)	SPLP East	Solid	3010A	822251
LB 500-822251/1-B	Method Blank	SPLP East	Solid	3010A	822251

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QC Association Summary

Client: WSP USA Inc

Job ID: 500-270096-1

Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Metals (Continued)

Prep Batch: 822485 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-822485/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Prep Batch: 822509

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	TCLP	Solid	3010A	822250
500-270096-2	3641V-01-B02 (7-13)	TCLP	Solid	3010A	822250
500-270096-3	3641V-01-B01 (0-3)	TCLP	Solid	3010A	822250
500-270096-4	3641V-05-B01 (0-5)	TCLP	Solid	3010A	822250
500-270096-5	3641V-05-B01 (5-10)	TCLP	Solid	3010A	822250
500-270096-6	3641V-05-B01 (10-15)	TCLP	Solid	3010A	822250
500-270096-7	3641V-05-B02 (0-5)	TCLP	Solid	3010A	822250
500-270096-8	3641V-05-B02 (0-5)D	TCLP	Solid	3010A	822250
500-270096-9	3641V-05-B02 (5-10)	TCLP	Solid	3010A	822250
500-270096-10	3641V-05-B03 (0-5)	TCLP	Solid	3010A	822250
500-270096-11	3641V-05-B03 (5-10)	TCLP	Solid	3010A	822250
500-270096-12	3641V-05-B04 (0-2)	TCLP	Solid	3010A	822250
500-270096-13	3641V-09-B01 (0-2)	TCLP	Solid	3010A	822250
500-270096-14	3641V-10-B01 (0-2)	TCLP	Solid	3010A	822250
LB 500-822250/1-B	Method Blank	TCLP	Solid	3010A	822250
LCS 500-822509/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Prep Batch: 822645

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	SPLP East	Solid	3010A	822412
500-270096-16	3641V-06-B02 (0-2)	SPLP East	Solid	3010A	822412
500-270096-17	3641V-06-B01 (0-2)	SPLP East	Solid	3010A	822412
500-270096-18	3641V-04-B02 (0-2)	SPLP East	Solid	3010A	822412
500-270096-19	3641V-04-B01 (0-2)	SPLP East	Solid	3010A	822412
LB 500-822412/1-B	Method Blank	SPLP East	Solid	3010A	822412
LCS 500-822645/2-A	Lab Control Sample	Total/NA	Solid	3010A	
500-270096-15 MS	3641V-08-B01 (0-2)	SPLP East	Solid	3010A	822412
500-270096-15 DU	3641V-08-B01 (0-2)	SPLP East	Solid	3010A	822412

Prep Batch: 822646

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	TCLP	Solid	3010A	822394
500-270096-16	3641V-06-B02 (0-2)	TCLP	Solid	3010A	822394
500-270096-17	3641V-06-B01 (0-2)	TCLP	Solid	3010A	822394
500-270096-18	3641V-04-B02 (0-2)	TCLP	Solid	3010A	822394
500-270096-19	3641V-04-B01 (0-2)	TCLP	Solid	3010A	822394
LB 500-822394/1-B	Method Blank	TCLP	Solid	3010A	822394
LCS 500-822646/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Prep Batch: 822696

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	3050B	
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	3050B	
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	3050B	
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	3050B	
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	3050B	
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	3050B	

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QC Association Summary

Client: WSP USA Inc
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Job ID: 500-270096-1

Metals (Continued)

Prep Batch: 822696 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	3050B	
MB 500-822696/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-822696/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 822697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	3050B	
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	3050B	
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	3050B	
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	3050B	
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	3050B	
MB 500-822697/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-822697/2-A	Lab Control Sample	Total/NA	Solid	3050B	
500-270096-16 MS	3641V-06-B02 (0-2)	Total/NA	Solid	3050B	
500-270096-16 MSD	3641V-06-B02 (0-2)	Total/NA	Solid	3050B	
500-270096-16 DU	3641V-06-B02 (0-2)	Total/NA	Solid	3050B	

Analysis Batch: 822771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	TCLP	Solid	6010D	822509
500-270096-2	3641V-01-B02 (7-13)	TCLP	Solid	6010D	822509
500-270096-3	3641V-01-B01 (0-3)	TCLP	Solid	6010D	822509
500-270096-4	3641V-05-B01 (0-5)	TCLP	Solid	6010D	822509
500-270096-5	3641V-05-B01 (5-10)	TCLP	Solid	6010D	822509
500-270096-6	3641V-05-B01 (10-15)	TCLP	Solid	6010D	822509
500-270096-7	3641V-05-B02 (0-5)	TCLP	Solid	6010D	822509
500-270096-8	3641V-05-B02 (0-5)D	TCLP	Solid	6010D	822509
500-270096-9	3641V-05-B02 (5-10)	TCLP	Solid	6010D	822509
500-270096-10	3641V-05-B03 (0-5)	TCLP	Solid	6010D	822509
500-270096-11	3641V-05-B03 (5-10)	TCLP	Solid	6010D	822509
500-270096-12	3641V-05-B04 (0-2)	TCLP	Solid	6010D	822509
500-270096-13	3641V-09-B01 (0-2)	TCLP	Solid	6010D	822509
500-270096-14	3641V-10-B01 (0-2)	TCLP	Solid	6010D	822509
LB 500-822250/1-B	Method Blank	TCLP	Solid	6010D	822509
LCS 500-822509/2-A	Lab Control Sample	Total/NA	Solid	6010D	822509

Analysis Batch: 822772

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	SPLP East	Solid	6010D	822485
500-270096-2	3641V-01-B02 (7-13)	SPLP East	Solid	6010D	822485
500-270096-3	3641V-01-B01 (0-3)	SPLP East	Solid	6010D	822485
500-270096-4	3641V-05-B01 (0-5)	SPLP East	Solid	6010D	822485
500-270096-5	3641V-05-B01 (5-10)	SPLP East	Solid	6010D	822485
500-270096-6	3641V-05-B01 (10-15)	SPLP East	Solid	6010D	822485
500-270096-7	3641V-05-B02 (0-5)	SPLP East	Solid	6010D	822485
500-270096-8	3641V-05-B02 (0-5)D	SPLP East	Solid	6010D	822485
500-270096-9	3641V-05-B02 (5-10)	SPLP East	Solid	6010D	822485
500-270096-10	3641V-05-B03 (0-5)	SPLP East	Solid	6010D	822485
500-270096-11	3641V-05-B03 (5-10)	SPLP East	Solid	6010D	822485
500-270096-12	3641V-05-B04 (0-2)	SPLP East	Solid	6010D	822485
500-270096-13	3641V-09-B01 (0-2)	SPLP East	Solid	6010D	822485

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QC Association Summary

Client: WSP USA Inc
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Job ID: 500-270096-1

Metals (Continued)

Analysis Batch: 822772 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-14	3641V-10-B01 (0-2)	SPLP East	Solid	6010D	822485
LB 500-822251/1-B	Method Blank	SPLP East	Solid	6010D	822485
LCS 500-822485/2-A	Lab Control Sample	Total/NA	Solid	6010D	822485

Prep Batch: 822848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	3050B	
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	3050B	
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	3050B	
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	3050B	
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	3050B	
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	3050B	
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	3050B	
MB 500-822848/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-822848/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 822891

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	TCLP	Solid	7470A	822250
500-270096-2	3641V-01-B02 (7-13)	TCLP	Solid	7470A	822250
500-270096-3	3641V-01-B01 (0-3)	TCLP	Solid	7470A	822250
500-270096-4	3641V-05-B01 (0-5)	TCLP	Solid	7470A	822250
500-270096-5	3641V-05-B01 (5-10)	TCLP	Solid	7470A	822250
500-270096-6	3641V-05-B01 (10-15)	TCLP	Solid	7470A	822250
500-270096-7	3641V-05-B02 (0-5)	TCLP	Solid	7470A	822250
500-270096-8	3641V-05-B02 (0-5)D	TCLP	Solid	7470A	822250
500-270096-9	3641V-05-B02 (5-10)	TCLP	Solid	7470A	822250
500-270096-10	3641V-05-B03 (0-5)	TCLP	Solid	7470A	822250
500-270096-11	3641V-05-B03 (5-10)	TCLP	Solid	7470A	822250
500-270096-13	3641V-09-B01 (0-2)	TCLP	Solid	7470A	822250
500-270096-14	3641V-10-B01 (0-2)	TCLP	Solid	7470A	822250
LB 500-822250/1-C	Method Blank	TCLP	Solid	7470A	822250
MB 500-822891/12-A	Method Blank	Total/NA	Solid	7470A	
LCS 500-822891/14-A	Lab Control Sample	Total/NA	Solid	7470A	

Analysis Batch: 823048

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	TCLP	Solid	6010D	822509
500-270096-2	3641V-01-B02 (7-13)	TCLP	Solid	6010D	822509
500-270096-4	3641V-05-B01 (0-5)	TCLP	Solid	6010D	822509
500-270096-5	3641V-05-B01 (5-10)	TCLP	Solid	6010D	822509
500-270096-7	3641V-05-B02 (0-5)	TCLP	Solid	6010D	822509
LB 500-822412/1-B	Method Blank	SPLP East	Solid	6010D	822645
LCS 500-822645/2-A	Lab Control Sample	Total/NA	Solid	6010D	822645
500-270096-15 MS	3641V-08-B01 (0-2)	SPLP East	Solid	6010D	822645
500-270096-15 DU	3641V-08-B01 (0-2)	SPLP East	Solid	6010D	822645

Prep Batch: 823094

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	TCLP	Solid	7470A	822394
500-270096-16	3641V-06-B02 (0-2)	TCLP	Solid	7470A	822394

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Client: WSP USA Inc
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Job ID: 500-270096-1

Metals (Continued)

Prep Batch: 823094 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-17	3641V-06-B01 (0-2)	TCLP	Solid	7470A	822394
500-270096-18	3641V-04-B02 (0-2)	TCLP	Solid	7470A	822394
500-270096-19	3641V-04-B01 (0-2)	TCLP	Solid	7470A	822394
LB 500-822394/1-C	Method Blank	TCLP	Solid	7470A	822394
MB 500-823094/12-A	Method Blank	Total/NA	Solid	7470A	
LCS 500-823094/14-A	Lab Control Sample	Total/NA	Solid	7470A	

Analysis Batch: 823110

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	TCLP	Solid	7470A	822891
500-270096-2	3641V-01-B02 (7-13)	TCLP	Solid	7470A	822891
500-270096-3	3641V-01-B01 (0-3)	TCLP	Solid	7470A	822891
500-270096-4	3641V-05-B01 (0-5)	TCLP	Solid	7470A	822891
500-270096-5	3641V-05-B01 (5-10)	TCLP	Solid	7470A	822891
500-270096-6	3641V-05-B01 (10-15)	TCLP	Solid	7470A	822891
500-270096-7	3641V-05-B02 (0-5)	TCLP	Solid	7470A	822891
500-270096-8	3641V-05-B02 (0-5)D	TCLP	Solid	7470A	822891
500-270096-9	3641V-05-B02 (5-10)	TCLP	Solid	7470A	822891
500-270096-10	3641V-05-B03 (0-5)	TCLP	Solid	7470A	822891
500-270096-11	3641V-05-B03 (5-10)	TCLP	Solid	7470A	822891
500-270096-13	3641V-09-B01 (0-2)	TCLP	Solid	7470A	822891
500-270096-14	3641V-10-B01 (0-2)	TCLP	Solid	7470A	822891
LB 500-822250/1-C	Method Blank	TCLP	Solid	7470A	822891
MB 500-822891/12-A	Method Blank	Total/NA	Solid	7470A	822891
LCS 500-822891/14-A	Lab Control Sample	Total/NA	Solid	7470A	822891

Analysis Batch: 823301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	TCLP	Solid	7470A	823094
500-270096-16	3641V-06-B02 (0-2)	TCLP	Solid	7470A	823094
500-270096-17	3641V-06-B01 (0-2)	TCLP	Solid	7470A	823094
500-270096-18	3641V-04-B02 (0-2)	TCLP	Solid	7470A	823094
500-270096-19	3641V-04-B01 (0-2)	TCLP	Solid	7470A	823094
LB 500-822394/1-C	Method Blank	TCLP	Solid	7470A	823094
MB 500-823094/12-A	Method Blank	Total/NA	Solid	7470A	823094
LCS 500-823094/14-A	Lab Control Sample	Total/NA	Solid	7470A	823094

Analysis Batch: 823349

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	TCLP	Solid	6020B	822509
500-270096-2	3641V-01-B02 (7-13)	TCLP	Solid	6020B	822509
500-270096-3	3641V-01-B01 (0-3)	TCLP	Solid	6020B	822509
500-270096-4	3641V-05-B01 (0-5)	TCLP	Solid	6020B	822509
500-270096-5	3641V-05-B01 (5-10)	TCLP	Solid	6020B	822509
500-270096-6	3641V-05-B01 (10-15)	TCLP	Solid	6020B	822509
500-270096-7	3641V-05-B02 (0-5)	TCLP	Solid	6020B	822509
500-270096-8	3641V-05-B02 (0-5)D	TCLP	Solid	6020B	822509
500-270096-9	3641V-05-B02 (5-10)	TCLP	Solid	6020B	822509
500-270096-10	3641V-05-B03 (0-5)	TCLP	Solid	6020B	822509
500-270096-11	3641V-05-B03 (5-10)	TCLP	Solid	6020B	822509
500-270096-12	3641V-05-B04 (0-2)	TCLP	Solid	6020B	822509

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Metals (Continued)

Analysis Batch: 823349 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-13	3641V-09-B01 (0-2)	TCLP	Solid	6020B	822509
500-270096-14	3641V-10-B01 (0-2)	TCLP	Solid	6020B	822509
500-270096-15	3641V-08-B01 (0-2)	TCLP	Solid	6020B	822646
500-270096-16	3641V-06-B02 (0-2)	TCLP	Solid	6020B	822646
500-270096-17	3641V-06-B01 (0-2)	TCLP	Solid	6020B	822646
500-270096-18	3641V-04-B02 (0-2)	TCLP	Solid	6020B	822646
500-270096-19	3641V-04-B01 (0-2)	TCLP	Solid	6020B	822646
LB 500-822250/1-B	Method Blank	TCLP	Solid	6020B	822509
LB 500-822394/1-B	Method Blank	TCLP	Solid	6020B	822646
LCS 500-822509/2-A	Lab Control Sample	Total/NA	Solid	6020B	822509
LCS 500-822646/2-A	Lab Control Sample	Total/NA	Solid	6020B	822646

Analysis Batch: 823443

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	6010D	822696
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	6010D	822696
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	6010D	822696
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	6010D	822696
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	6010D	822696
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	6010D	822696
500-270096-15	3641V-08-B01 (0-2)	TCLP	Solid	6010D	822646
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	6010D	822696
500-270096-16	3641V-06-B02 (0-2)	TCLP	Solid	6010D	822646
500-270096-17	3641V-06-B01 (0-2)	TCLP	Solid	6010D	822646
500-270096-18	3641V-04-B02 (0-2)	TCLP	Solid	6010D	822646
500-270096-19	3641V-04-B01 (0-2)	TCLP	Solid	6010D	822646
LB 500-822394/1-B	Method Blank	TCLP	Solid	6010D	822646
MB 500-822696/1-A	Method Blank	Total/NA	Solid	6010D	822696
LCS 500-822646/2-A	Lab Control Sample	Total/NA	Solid	6010D	822646
LCS 500-822696/2-A	Lab Control Sample	Total/NA	Solid	6010D	822696

Prep Batch: 823485

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-12	3641V-05-B04 (0-2)	TCLP	Solid	7470A	822250
LB 500-822250/1-D	Method Blank	TCLP	Solid	7470A	822250
MB 500-823485/12-A	Method Blank	Total/NA	Solid	7470A	
LCS 500-823485/14-A	Lab Control Sample	Total/NA	Solid	7470A	

Analysis Batch: 823557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	TCLP	Solid	6010D	822646
500-270096-16	3641V-06-B02 (0-2)	TCLP	Solid	6010D	822646
500-270096-17	3641V-06-B01 (0-2)	TCLP	Solid	6010D	822646
500-270096-18	3641V-04-B02 (0-2)	TCLP	Solid	6010D	822646
500-270096-19	3641V-04-B01 (0-2)	TCLP	Solid	6010D	822646
LB 500-822394/1-B	Method Blank	TCLP	Solid	6010D	822646
LCS 500-822646/2-A	Lab Control Sample	Total/NA	Solid	6010D	822646

Prep Batch: 823672

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	7471B	

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Metals (Continued)

Prep Batch: 823672 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	7471B	
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	7471B	
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	7471B	
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	7471B	
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	7471B	
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	7471B	
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	7471B	
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	7471B	
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	7471B	
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	7471B	
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	7471B	
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	7471B	
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	7471B	
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	7471B	
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	7471B	
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	7471B	
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	7471B	
MB 500-823672/12-A	Method Blank	Total/NA	Solid	7471B	
LCS 500-823672/13-A	Lab Control Sample	Total/NA	Solid	7471B	
500-270096-9 MS	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	
500-270096-9 MSD	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	
500-270096-9 DU	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	

Analysis Batch: 823684

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-12	3641V-05-B04 (0-2)	TCLP	Solid	7470A	823485
LB 500-822250/1-D	Method Blank	TCLP	Solid	7470A	823485
MB 500-823485/12-A	Method Blank	Total/NA	Solid	7470A	823485
LCS 500-823485/14-A	Lab Control Sample	Total/NA	Solid	7470A	823485

Analysis Batch: 823757

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	6010D	822696
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	6010D	822696
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	6010D	822696
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	6010D	822696
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	6010D	822696
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	6010D	822696
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	6010D	822696
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	6010D	822696
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	6010D	822696
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	6010D	822696
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	6010D	822696
MB 500-822696/1-A	Method Blank	Total/NA	Solid	6010D	822696
LCS 500-822696/2-A	Lab Control Sample	Total/NA	Solid	6010D	822696

Analysis Batch: 823767

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	6010D	822696
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	6010D	822696

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QC Association Summary

Client: WSP USA Inc

Job ID: 500-270096-1

Metals (Continued)

Analysis Batch: 823767 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	6010D	822696
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	6010D	822696
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	6010D	822696
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	6010D	822696
MB 500-822696/1-A	Method Blank	Total/NA	Solid	6010D	822696
LCS 500-822696/2-A	Lab Control Sample	Total/NA	Solid	6010D	822696

Analysis Batch: 823785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	6010D	822697
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	6010D	822848
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	6010D	822848
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	6010D	822848
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	6010D	822848
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	6010D	822848
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	6010D	822848
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	6010D	822848
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	6010D	822697
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	6010D	822697
MB 500-822697/1-A	Method Blank	Total/NA	Solid	6010D	822697
LCS 500-822697/2-A	Lab Control Sample	Total/NA	Solid	6010D	822697
500-270096-16 MS	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16 MSD	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16 DU	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697

Analysis Batch: 823885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	7471B	823672
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	7471B	823672
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	7471B	823672
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	7471B	823672
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	7471B	823672
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	7471B	823672
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	7471B	823672
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	7471B	823672
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	823672
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	7471B	823672
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	7471B	823672
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	7471B	823672
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	7471B	823672
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	7471B	823672
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	7471B	823672
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	7471B	823672
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	7471B	823672
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	7471B	823672
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	7471B	823672
MB 500-823672/12-A	Method Blank	Total/NA	Solid	7471B	823672
LCS 500-823672/13-A	Lab Control Sample	Total/NA	Solid	7471B	823672
500-270096-9 MS	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	823672

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Metals (Continued)

Analysis Batch: 823885 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-9 MSD	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	823672
500-270096-9 DU	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	823672

Analysis Batch: 823996

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	6010D	822697
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	6010D	822697
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	6010D	822848
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	6010D	822848
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	6010D	822848
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	6010D	822848
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	6010D	822848
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	6010D	822848
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	6010D	822848
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	6010D	822848
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	6010D	822848
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	6010D	822848
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	6010D	822848
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	6010D	822848
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	6010D	822697
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	6010D	822697
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	6010D	822697
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	6010D	822697
MB 500-822697/1-A	Method Blank	Total/NA	Solid	6010D	822697
MB 500-822848/1-A	Method Blank	Total/NA	Solid	6010D	822848
LCS 500-822697/2-A	Lab Control Sample	Total/NA	Solid	6010D	822697
LCS 500-822848/2-A	Lab Control Sample	Total/NA	Solid	6010D	822848
500-270096-16 MS	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16 MS	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16 MSD	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16 MSD	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16 DU	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16 DU	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697

Analysis Batch: 823997

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	SPLP East	Solid	6010D	822645
500-270096-16	3641V-06-B02 (0-2)	SPLP East	Solid	6010D	822645
500-270096-17	3641V-06-B01 (0-2)	SPLP East	Solid	6010D	822645
500-270096-18	3641V-04-B02 (0-2)	SPLP East	Solid	6010D	822645
500-270096-19	3641V-04-B01 (0-2)	SPLP East	Solid	6010D	822645
LB 500-822412/1-B	Method Blank	SPLP East	Solid	6010D	822645
LCS 500-822645/2-A	Lab Control Sample	Total/NA	Solid	6010D	822645
500-270096-15 MS	3641V-08-B01 (0-2)	SPLP East	Solid	6010D	822645
500-270096-15 DU	3641V-08-B01 (0-2)	SPLP East	Solid	6010D	822645

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Metals

Analysis Batch: 824132

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	6010D	822848
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	6010D	822848

Analysis Batch: 824227

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	6010D	822696

General Chemistry

Analysis Batch: 822216

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	Moisture	
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	Moisture	
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	Moisture	
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	Moisture	
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	Moisture	
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	Moisture	
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	Moisture	
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	Moisture	
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	Moisture	
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	Moisture	
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	Moisture	
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	Moisture	
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	Moisture	
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	Moisture	
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	Moisture	
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	Moisture	
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	Moisture	

Analysis Batch: 822310

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	Moisture	
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	Moisture	
500-270096-13 DU	3641V-09-B01 (0-2)	Total/NA	Solid	Moisture	

Prep Batch: 822449

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	9010C	
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	9010C	
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	9010C	
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	9010C	
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	9010C	
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	9010C	
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	9010C	
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	9010C	
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	9010C	
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	9010C	
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	9010C	
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	9010C	
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	9010C	
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	9010C	

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

General Chemistry (Continued)

Prep Batch: 822449 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	9010C	
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	9010C	
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	9010C	
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	9010C	
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	9010C	
MB 500-822449/1-A	Method Blank	Total/NA	Solid	9010C	
LCS 500-822449/2-A	Lab Control Sample	Total/NA	Solid	9010C	
500-270096-1 MS	3641V-01-B02 (0-7)	Total/NA	Solid	9010C	
500-270096-1 MSD	3641V-01-B02 (0-7)	Total/NA	Solid	9010C	
500-270096-15 MS	3641V-08-B01 (0-2)	Total/NA	Solid	9010C	
500-270096-15 MSD	3641V-08-B01 (0-2)	Total/NA	Solid	9010C	

Analysis Batch: 822679

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	9045D	
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	9045D	
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	9045D	
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	9045D	
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	9045D	
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	9045D	
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	9045D	
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	9045D	
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	9045D	
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	9045D	
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	9045D	
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	9045D	
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	9045D	
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	9045D	
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	9045D	
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	9045D	
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	9045D	
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	9045D	
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	9045D	
LCS 500-822679/2	Lab Control Sample	Total/NA	Solid	9045D	
LCSD 500-822679/3	Lab Control Sample Dup	Total/NA	Solid	9045D	
500-270096-14 DU	3641V-10-B01 (0-2)	Total/NA	Solid	9045D	

Analysis Batch: 822763

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	9012B	822449
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	9012B	822449
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	9012B	822449
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	9012B	822449
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	9012B	822449
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	9012B	822449
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	9012B	822449
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	9012B	822449
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	9012B	822449
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	9012B	822449
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	9012B	822449
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	9012B	822449

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

General Chemistry (Continued)

Analysis Batch: 822763 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	9012B	822449
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	9012B	822449
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	9012B	822449
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	9012B	822449
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	9012B	822449
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	9012B	822449
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	9012B	822449
MB 500-822449/1-A	Method Blank	Total/NA	Solid	9012B	822449
LCS 500-822449/2-A	Lab Control Sample	Total/NA	Solid	9012B	822449
500-270096-1 MS	3641V-01-B02 (0-7)	Total/NA	Solid	9012B	822449
500-270096-1 MSD	3641V-01-B02 (0-7)	Total/NA	Solid	9012B	822449
500-270096-15 MS	3641V-08-B01 (0-2)	Total/NA	Solid	9012B	822449
500-270096-15 MSD	3641V-08-B01 (0-2)	Total/NA	Solid	9012B	822449

Analysis Batch: 822833

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-822833/2	Lab Control Sample	Total/NA	Solid	9045D	
LCSD 500-822833/3	Lab Control Sample Dup	Total/NA	Solid	9045D	
500-270096-14 DU	3641V-10-B01 (0-2)	Total/NA	Solid	9045D	

Surrogate Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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)
500-270096-1	3641V-01-B02 (0-7)	103	103	107	99
500-270096-2	3641V-01-B02 (7-13)	104	103	102	102
500-270096-3	3641V-01-B01 (0-3)	107	102	105	105
500-270096-4	3641V-05-B01 (0-5)	108	106	103	105
500-270096-5	3641V-05-B01 (5-10)	128 *3	108	107	111
500-270096-6	3641V-05-B01 (10-15)	129 *3	107	99	126 S1+ *3
500-270096-7	3641V-05-B02 (0-5)	113 *3	106	110	105
500-270096-8	3641V-05-B02 (0-5)D	120 *3	108	111	106
500-270096-9	3641V-05-B02 (5-10)	127	98	93	111
500-270096-10	3641V-05-B03 (0-5)	141 S1+ *3	108	109	128 S1+ *3
500-270096-11	3641V-05-B03 (5-10)	143 S1+ *3	105	100	135 S1+ *3
500-270096-12	3641V-05-B04 (0-2)	141 S1+ *3	114	115	129 S1+ *3
500-270096-13	3641V-09-B01 (0-2)	131 *3	103	107	118
500-270096-14	3641V-10-B01 (0-2)	114	101	102	107
500-270096-15	3641V-08-B01 (0-2)	153 S1+	99	98	118
500-270096-16	3641V-06-B02 (0-2)	114	98	102	106
500-270096-17	3641V-06-B01 (0-2)	113	95	99	107
500-270096-18	3641V-04-B02 (0-2)	119	98	98	107
500-270096-19	3641V-04-B01 (0-2)	115	97	99	108
LCS 500-823222/7	Lab Control Sample	98	99	98	98
LCS 500-823459/2	Lab Control Sample	111	95	89	107
LCS 500-823604/4	Lab Control Sample	114	95	92	106
LCS 500-823845/6	Lab Control Sample	98	98	99	102
LCSD 500-823222/8	Lab Control Sample Dup	99	98	96	101
LCSD 500-823459/3	Lab Control Sample Dup	113	96	90	108
LCSD 500-823604/5	Lab Control Sample Dup	114	95	90	108
LCSD 500-823845/9	Lab Control Sample Dup	102	99	101	107
MB 500-823222/5	Method Blank	100	107	107	99
MB 500-823459/6	Method Blank	113	95	90	107
MB 500-823604/7	Method Blank	114	93	92	106
MB 500-823845/8	Method Blank	100	100	100	103

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)
500-270096-1	3641V-01-B02 (0-7)	76	80	89	82	75	91
500-270096-2	3641V-01-B02 (7-13)	78	80	86	77	72	77
500-270096-3	3641V-01-B01 (0-3)	74	77	88	78	73	88

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Surrogate Summary

Client: WSP USA Inc

Job ID: 500-270096-1

Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

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)
500-270096-4	3641V-05-B01 (0-5)	64	63	65	67	64	82
500-270096-5	3641V-05-B01 (5-10)	80	85	95	82	81	99
500-270096-6	3641V-05-B01 (10-15)	76	77	88	79	71	98
500-270096-7	3641V-05-B02 (0-5)	79	84	93	84	84	97
500-270096-8	3641V-05-B02 (0-5)D	79	84	91	82	81	98
500-270096-9	3641V-05-B02 (5-10)	81	85	97	86	54	86
500-270096-10	3641V-05-B03 (0-5)	79	86	94	88	85	97
500-270096-11	3641V-05-B03 (5-10)	66	71	78	69	55	85
500-270096-12	3641V-05-B04 (0-2)	74	80	88	82	80	93
500-270096-13	3641V-09-B01 (0-2)	80	84	94	84	79	94
500-270096-14	3641V-10-B01 (0-2)	91	94	108	95	87	102
500-270096-15	3641V-08-B01 (0-2)	81	85	96	87	75	96
500-270096-16	3641V-06-B02 (0-2)	83	88	99	90	87	98
500-270096-17	3641V-06-B01 (0-2)	82	86	94	88	84	95
500-270096-18	3641V-04-B02 (0-2)	68	77	82	78	86	98
500-270096-19	3641V-04-B01 (0-2)	68	74	79	73	85	101
LCS 500-823218/2-A	Lab Control Sample	79	80	94	83	91	95
LCS 500-823337/2-A	Lab Control Sample	76	75	76	84	83	91
MB 500-823218/1-A	Method Blank	86	89	101	86	86	96
MB 500-823337/1-A	Method Blank	83	80	80	86	76	100

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-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-823222/5

Matrix: Solid

Analysis Batch: 823222

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			06/25/25 09:32	1
Benzene	<0.0020		0.0020	0.00063	mg/Kg			06/25/25 09:32	1
Bromodichloromethane	<0.0020		0.0020	0.00064	mg/Kg			06/25/25 09:32	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg			06/25/25 09:32	1
Bromomethane	<0.0050		0.0050	0.0025	mg/Kg			06/25/25 09:32	1
2-Butanone (MEK)	<0.0050		0.0050	0.0022	mg/Kg			06/25/25 09:32	1
Carbon disulfide	<0.0050		0.0050	0.00092	mg/Kg			06/25/25 09:32	1
Carbon tetrachloride	<0.0020		0.0020	0.00068	mg/Kg			06/25/25 09:32	1
Chlorobenzene	<0.0020		0.0020	0.00084	mg/Kg			06/25/25 09:32	1
Chloroethane	<0.0050		0.0050	0.0016	mg/Kg			06/25/25 09:32	1
Chloroform	<0.0020		0.0020	0.0014	mg/Kg			06/25/25 09:32	1
Chloromethane	<0.0050		0.0050	0.00097	mg/Kg			06/25/25 09:32	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00081	mg/Kg			06/25/25 09:32	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00080	mg/Kg			06/25/25 09:32	1
Dibromochloromethane	<0.0020		0.0020	0.00093	mg/Kg			06/25/25 09:32	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0035	mg/Kg			06/25/25 09:32	1
1,1-Dichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/25/25 09:32	1
1,2-Dichloroethane	<0.0050		0.0050	0.0013	mg/Kg			06/25/25 09:32	1
1,1-Dichloroethene	<0.0020		0.0020	0.00082	mg/Kg			06/25/25 09:32	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg			06/25/25 09:32	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00096	mg/Kg			06/25/25 09:32	1
Ethylbenzene	<0.0020		0.0020	0.0011	mg/Kg			06/25/25 09:32	1
2-Hexanone	<0.0050		0.0050	0.0030	mg/Kg			06/25/25 09:32	1
Methylene Chloride	<0.0050		0.0050	0.0021	mg/Kg			06/25/25 09:32	1
4-Methyl-2-pentanone (MIBK)	<0.0050		0.0050	0.0036	mg/Kg			06/25/25 09:32	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00065	mg/Kg			06/25/25 09:32	1
Styrene	<0.0020		0.0020	0.00090	mg/Kg			06/25/25 09:32	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00099	mg/Kg			06/25/25 09:32	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg			06/25/25 09:32	1
Toluene	<0.0020		0.0020	0.00040	mg/Kg			06/25/25 09:32	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00076	mg/Kg			06/25/25 09:32	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00096	mg/Kg			06/25/25 09:32	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00081	mg/Kg			06/25/25 09:32	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/25/25 09:32	1
Trichloroethene	<0.0020		0.0020	0.00054	mg/Kg			06/25/25 09:32	1
Vinyl acetate	<0.0050		0.0050	0.0012	mg/Kg			06/25/25 09:32	1
Vinyl chloride	<0.0020		0.0020	0.00082	mg/Kg			06/25/25 09:32	1
Xylenes, Total	<0.0040		0.0040	0.00069	mg/Kg			06/25/25 09:32	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		75 - 131		06/25/25 09:32	1
Dibromofluoromethane	107		75 - 126		06/25/25 09:32	1
1,2-Dichloroethane-d4 (Surr)	107		70 - 134		06/25/25 09:32	1
Toluene-d8 (Surr)	99		75 - 124		06/25/25 09:32	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823222/7

Matrix: Solid

Analysis Batch: 823222

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	0.0428		mg/Kg		86	40 - 150
Benzene	0.0500	0.0483		mg/Kg		97	70 - 125
Bromodichloromethane	0.0500	0.0487		mg/Kg		97	67 - 129
Bromoform	0.0500	0.0454		mg/Kg		91	68 - 136
Bromomethane	0.0500	0.0347	*-	mg/Kg		69	70 - 130
2-Butanone (MEK)	0.0500	0.0411		mg/Kg		82	47 - 138
Carbon disulfide	0.0500	0.0557		mg/Kg		111	70 - 129
Carbon tetrachloride	0.0500	0.0523		mg/Kg		105	75 - 125
Chlorobenzene	0.0500	0.0465		mg/Kg		93	50 - 150
Chloroethane	0.0500	0.0470		mg/Kg		94	75 - 125
Chloroform	0.0500	0.0463		mg/Kg		93	57 - 135
Chloromethane	0.0500	0.0518		mg/Kg		104	70 - 125
cis-1,2-Dichloroethene	0.0500	0.0484		mg/Kg		97	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0484		mg/Kg		97	70 - 125
Dibromochloromethane	0.0500	0.0420		mg/Kg		84	69 - 125
1,2-Dibromo-3-Chloropropane	0.0500	0.0449		mg/Kg		90	60 - 136
1,1-Dichloroethane	0.0500	0.0488		mg/Kg		98	70 - 125
1,2-Dichloroethane	0.0500	0.0466		mg/Kg		93	70 - 130
1,1-Dichloroethene	0.0500	0.0524		mg/Kg		105	70 - 120
1,2-Dichloropropane	0.0500	0.0465		mg/Kg		93	70 - 125
Ethylbenzene	0.0500	0.0473		mg/Kg		95	61 - 136
2-Hexanone	0.0500	0.0394		mg/Kg		79	48 - 146
Methylene Chloride	0.0500	0.0456		mg/Kg		91	70 - 126
4-Methyl-2-pentanone (MIBK)	0.0500	0.0400		mg/Kg		80	50 - 148
Methyl tert-butyl ether	0.0500	0.0472		mg/Kg		94	50 - 140
Styrene	0.0500	0.0479		mg/Kg		96	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0456		mg/Kg		91	70 - 122
Tetrachloroethene	0.0500	0.0494		mg/Kg		99	70 - 124
Toluene	0.0500	0.0472		mg/Kg		94	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0502		mg/Kg		100	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0486		mg/Kg		97	70 - 125
1,1,1-Trichloroethane	0.0500	0.0495		mg/Kg		99	70 - 128
1,1,2-Trichloroethane	0.0500	0.0467		mg/Kg		93	70 - 125
Trichloroethene	0.0500	0.0499		mg/Kg		100	70 - 125
Vinyl acetate	0.0500	0.0506		mg/Kg		101	40 - 153
Vinyl chloride	0.0500	0.0582		mg/Kg		116	70 - 125
Xylenes, Total	0.100	0.0917		mg/Kg		92	53 - 147

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	98		75 - 131
Dibromofluoromethane	99		75 - 126
1,2-Dichloroethane-d4 (Surr)	98		70 - 134
Toluene-d8 (Surr)	98		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCSD 500-823222/8

Matrix: Solid

Analysis Batch: 823222

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	0.0438		mg/Kg		88	40 - 150	2	30
Benzene	0.0500	0.0493		mg/Kg		99	70 - 125	2	30
Bromodichloromethane	0.0500	0.0502		mg/Kg		100	67 - 129	3	30
Bromoform	0.0500	0.0507		mg/Kg		101	68 - 136	11	30
Bromomethane	0.0500	0.0348		mg/Kg		70	70 - 130	0	30
2-Butanone (MEK)	0.0500	0.0410		mg/Kg		82	47 - 138	0	30
Carbon disulfide	0.0500	0.0563		mg/Kg		113	70 - 129	1	30
Carbon tetrachloride	0.0500	0.0540		mg/Kg		108	75 - 125	3	30
Chlorobenzene	0.0500	0.0484		mg/Kg		97	50 - 150	4	30
Chloroethane	0.0500	0.0415		mg/Kg		83	75 - 125	12	30
Chloroform	0.0500	0.0475		mg/Kg		95	57 - 135	2	30
Chloromethane	0.0500	0.0515		mg/Kg		103	70 - 125	1	30
cis-1,2-Dichloroethene	0.0500	0.0503		mg/Kg		101	70 - 125	4	30
cis-1,3-Dichloropropene	0.0500	0.0512		mg/Kg		102	70 - 125	6	30
Dibromochloromethane	0.0500	0.0444		mg/Kg		89	69 - 125	6	30
1,2-Dibromo-3-Chloropropane	0.0500	0.0475		mg/Kg		95	60 - 136	6	30
1,1-Dichloroethane	0.0500	0.0493		mg/Kg		99	70 - 125	1	30
1,2-Dichloroethane	0.0500	0.0481		mg/Kg		96	70 - 130	3	30
1,1-Dichloroethene	0.0500	0.0522		mg/Kg		104	70 - 120	0	30
1,2-Dichloropropane	0.0500	0.0482		mg/Kg		96	70 - 125	3	30
Ethylbenzene	0.0500	0.0485		mg/Kg		97	61 - 136	2	30
2-Hexanone	0.0500	0.0421		mg/Kg		84	48 - 146	7	30
Methylene Chloride	0.0500	0.0451		mg/Kg		90	70 - 126	1	30
4-Methyl-2-pentanone (MIBK)	0.0500	0.0425		mg/Kg		85	50 - 148	6	30
Methyl tert-butyl ether	0.0500	0.0495		mg/Kg		99	50 - 140	5	30
Styrene	0.0500	0.0504		mg/Kg		101	70 - 125	5	30
1,1,2,2-Tetrachloroethane	0.0500	0.0481		mg/Kg		96	70 - 122	5	30
Tetrachloroethene	0.0500	0.0519		mg/Kg		104	70 - 124	5	30
Toluene	0.0500	0.0490		mg/Kg		98	70 - 125	4	30
trans-1,2-Dichloroethene	0.0500	0.0504		mg/Kg		101	70 - 125	0	30
trans-1,3-Dichloropropene	0.0500	0.0524		mg/Kg		105	70 - 125	7	30
1,1,1-Trichloroethane	0.0500	0.0506		mg/Kg		101	70 - 128	2	30
1,1,2-Trichloroethane	0.0500	0.0503		mg/Kg		101	70 - 125	7	30
Trichloroethene	0.0500	0.0516		mg/Kg		103	70 - 125	3	30
Vinyl acetate	0.0500	0.0545		mg/Kg		109	40 - 153	7	30
Vinyl chloride	0.0500	0.0587		mg/Kg		117	70 - 125	1	30
Xylenes, Total	0.100	0.0949		mg/Kg		95	53 - 147	3	30

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	99		75 - 131
Dibromofluoromethane	98		75 - 126
1,2-Dichloroethane-d4 (Surr)	96		70 - 134
Toluene-d8 (Surr)	101		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-823459/6

Matrix: Solid

Analysis Batch: 823459

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			06/26/25 12:15	1
Benzene	<0.0020		0.0020	0.00063	mg/Kg			06/26/25 12:15	1
Bromodichloromethane	<0.0020		0.0020	0.00064	mg/Kg			06/26/25 12:15	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg			06/26/25 12:15	1
Bromomethane	<0.0050		0.0050	0.0025	mg/Kg			06/26/25 12:15	1
2-Butanone (MEK)	<0.0050		0.0050	0.0022	mg/Kg			06/26/25 12:15	1
Carbon disulfide	<0.0050		0.0050	0.00092	mg/Kg			06/26/25 12:15	1
Carbon tetrachloride	<0.0020		0.0020	0.00068	mg/Kg			06/26/25 12:15	1
Chlorobenzene	<0.0020		0.0020	0.00084	mg/Kg			06/26/25 12:15	1
Chloroethane	<0.0050		0.0050	0.0016	mg/Kg			06/26/25 12:15	1
Chloroform	<0.0020		0.0020	0.0014	mg/Kg			06/26/25 12:15	1
Chloromethane	<0.0050		0.0050	0.00097	mg/Kg			06/26/25 12:15	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00081	mg/Kg			06/26/25 12:15	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00080	mg/Kg			06/26/25 12:15	1
Dibromochloromethane	<0.0020		0.0020	0.00093	mg/Kg			06/26/25 12:15	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0035	mg/Kg			06/26/25 12:15	1
1,1-Dichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/26/25 12:15	1
1,2-Dichloroethane	<0.0050		0.0050	0.0013	mg/Kg			06/26/25 12:15	1
1,1-Dichloroethene	<0.0020		0.0020	0.00082	mg/Kg			06/26/25 12:15	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg			06/26/25 12:15	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00096	mg/Kg			06/26/25 12:15	1
Ethylbenzene	<0.0020		0.0020	0.0011	mg/Kg			06/26/25 12:15	1
2-Hexanone	<0.0050		0.0050	0.0030	mg/Kg			06/26/25 12:15	1
Methylene Chloride	<0.0050		0.0050	0.0021	mg/Kg			06/26/25 12:15	1
4-Methyl-2-pentanone (MIBK)	<0.0050		0.0050	0.0036	mg/Kg			06/26/25 12:15	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00065	mg/Kg			06/26/25 12:15	1
Styrene	<0.0020		0.0020	0.00090	mg/Kg			06/26/25 12:15	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00099	mg/Kg			06/26/25 12:15	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg			06/26/25 12:15	1
Toluene	<0.0020		0.0020	0.00040	mg/Kg			06/26/25 12:15	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00076	mg/Kg			06/26/25 12:15	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00096	mg/Kg			06/26/25 12:15	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00081	mg/Kg			06/26/25 12:15	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/26/25 12:15	1
Trichloroethene	<0.0020		0.0020	0.00054	mg/Kg			06/26/25 12:15	1
Vinyl acetate	<0.0050		0.0050	0.0012	mg/Kg			06/26/25 12:15	1
Vinyl chloride	<0.0020		0.0020	0.00082	mg/Kg			06/26/25 12:15	1
Xylenes, Total	<0.0040		0.0040	0.00069	mg/Kg			06/26/25 12:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		75 - 131		06/26/25 12:15	1
Dibromofluoromethane	95		75 - 126		06/26/25 12:15	1
1,2-Dichloroethane-d4 (Surr)	90		70 - 134		06/26/25 12:15	1
Toluene-d8 (Surr)	107		75 - 124		06/26/25 12:15	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823459/2

Matrix: Solid

Analysis Batch: 823459

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	0.0355		mg/Kg		71	40 - 150
Benzene	0.0500	0.0591		mg/Kg		118	70 - 125
Bromodichloromethane	0.0500	0.0538		mg/Kg		108	67 - 129
Bromoform	0.0500	0.0491		mg/Kg		98	68 - 136
Bromomethane	0.0500	0.0422		mg/Kg		84	70 - 130
2-Butanone (MEK)	0.0500	0.0392		mg/Kg		78	47 - 138
Carbon disulfide	0.0500	0.0529		mg/Kg		106	70 - 129
Carbon tetrachloride	0.0500	0.0541		mg/Kg		108	75 - 125
Chlorobenzene	0.0500	0.0593		mg/Kg		119	50 - 150
Chloroethane	0.0500	0.0433		mg/Kg		87	75 - 125
Chloroform	0.0500	0.0563		mg/Kg		113	57 - 135
Chloromethane	0.0500	0.0344	*-	mg/Kg		69	70 - 125
cis-1,2-Dichloroethene	0.0500	0.0590		mg/Kg		118	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0600		mg/Kg		120	70 - 125
Dibromochloromethane	0.0500	0.0532		mg/Kg		106	69 - 125
1,2-Dibromo-3-Chloropropane	0.0500	0.0577		mg/Kg		115	60 - 136
1,1-Dichloroethane	0.0500	0.0546		mg/Kg		109	70 - 125
1,2-Dichloroethane	0.0500	0.0520		mg/Kg		104	70 - 130
1,1-Dichloroethene	0.0500	0.0524		mg/Kg		105	70 - 120
1,2-Dichloropropane	0.0500	0.0556		mg/Kg		111	70 - 125
Ethylbenzene	0.0500	0.0579		mg/Kg		116	61 - 136
2-Hexanone	0.0500	0.0410		mg/Kg		82	48 - 146
Methylene Chloride	0.0500	0.0496		mg/Kg		99	70 - 126
4-Methyl-2-pentanone (MIBK)	0.0500	0.0421		mg/Kg		84	50 - 148
Methyl tert-butyl ether	0.0500	0.0563		mg/Kg		113	50 - 140
Styrene	0.0500	0.0571		mg/Kg		114	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0597		mg/Kg		119	70 - 122
Tetrachloroethene	0.0500	0.0557		mg/Kg		111	70 - 124
Toluene	0.0500	0.0607		mg/Kg		121	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0597		mg/Kg		119	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0565		mg/Kg		113	70 - 125
1,1,1-Trichloroethane	0.0500	0.0543		mg/Kg		109	70 - 128
1,1,2-Trichloroethane	0.0500	0.0580		mg/Kg		116	70 - 125
Trichloroethene	0.0500	0.0585		mg/Kg		117	70 - 125
Vinyl acetate	0.0500	0.0441		mg/Kg		88	40 - 153
Vinyl chloride	0.0500	0.0435		mg/Kg		87	70 - 125
Xylenes, Total	0.100	0.116		mg/Kg		116	53 - 147

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		75 - 131
Dibromofluoromethane	95		75 - 126
1,2-Dichloroethane-d4 (Surr)	89		70 - 134
Toluene-d8 (Surr)	107		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCSD 500-823459/3

Matrix: Solid

Analysis Batch: 823459

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	0.0330		mg/Kg		66	40 - 150	7	30
Benzene	0.0500	0.0503		mg/Kg		101	70 - 125	16	30
Bromodichloromethane	0.0500	0.0467		mg/Kg		93	67 - 129	14	30
Bromoform	0.0500	0.0429		mg/Kg		86	68 - 136	13	30
Bromomethane	0.0500	0.0420		mg/Kg		84	70 - 130	0	30
2-Butanone (MEK)	0.0500	0.0374		mg/Kg		75	47 - 138	5	30
Carbon disulfide	0.0500	0.0460		mg/Kg		92	70 - 129	14	30
Carbon tetrachloride	0.0500	0.0461		mg/Kg		92	75 - 125	16	30
Chlorobenzene	0.0500	0.0511		mg/Kg		102	50 - 150	15	30
Chloroethane	0.0500	0.0449		mg/Kg		90	75 - 125	4	30
Chloroform	0.0500	0.0473		mg/Kg		95	57 - 135	17	30
Chloromethane	0.0500	0.0354		mg/Kg		71	70 - 125	3	30
cis-1,2-Dichloroethene	0.0500	0.0505		mg/Kg		101	70 - 125	16	30
cis-1,3-Dichloropropene	0.0500	0.0512		mg/Kg		102	70 - 125	16	30
Dibromochloromethane	0.0500	0.0474		mg/Kg		95	69 - 125	12	30
1,2-Dibromo-3-Chloropropane	0.0500	0.0517		mg/Kg		103	60 - 136	11	30
1,1-Dichloroethane	0.0500	0.0474		mg/Kg		95	70 - 125	14	30
1,2-Dichloroethane	0.0500	0.0457		mg/Kg		91	70 - 130	13	30
1,1-Dichloroethene	0.0500	0.0456		mg/Kg		91	70 - 120	14	30
1,2-Dichloropropane	0.0500	0.0487		mg/Kg		97	70 - 125	13	30
Ethylbenzene	0.0500	0.0500		mg/Kg		100	61 - 136	14	30
2-Hexanone	0.0500	0.0372		mg/Kg		74	48 - 146	10	30
Methylene Chloride	0.0500	0.0426		mg/Kg		85	70 - 126	15	30
4-Methyl-2-pentanone (MIBK)	0.0500	0.0376		mg/Kg		75	50 - 148	11	30
Methyl tert-butyl ether	0.0500	0.0503		mg/Kg		101	50 - 140	11	30
Styrene	0.0500	0.0493		mg/Kg		99	70 - 125	15	30
1,1,2,2-Tetrachloroethane	0.0500	0.0537		mg/Kg		107	70 - 122	11	30
Tetrachloroethene	0.0500	0.0482		mg/Kg		96	70 - 124	14	30
Toluene	0.0500	0.0521		mg/Kg		104	70 - 125	15	30
trans-1,2-Dichloroethene	0.0500	0.0511		mg/Kg		102	70 - 125	15	30
trans-1,3-Dichloropropene	0.0500	0.0503		mg/Kg		101	70 - 125	12	30
1,1,1-Trichloroethane	0.0500	0.0470		mg/Kg		94	70 - 128	14	30
1,1,2-Trichloroethane	0.0500	0.0523		mg/Kg		105	70 - 125	10	30
Trichloroethene	0.0500	0.0493		mg/Kg		99	70 - 125	17	30
Vinyl acetate	0.0500	0.0390		mg/Kg		78	40 - 153	12	30
Vinyl chloride	0.0500	0.0440		mg/Kg		88	70 - 125	1	30
Xylenes, Total	0.100	0.100		mg/Kg		100	53 - 147	15	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		75 - 131
Dibromofluoromethane	96		75 - 126
1,2-Dichloroethane-d4 (Surr)	90		70 - 134
Toluene-d8 (Surr)	108		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-823604/7

Matrix: Solid

Analysis Batch: 823604

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			06/27/25 11:11	1
Benzene	<0.0020		0.0020	0.00063	mg/Kg			06/27/25 11:11	1
Bromodichloromethane	<0.0020		0.0020	0.00064	mg/Kg			06/27/25 11:11	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg			06/27/25 11:11	1
Bromomethane	<0.0050		0.0050	0.0025	mg/Kg			06/27/25 11:11	1
2-Butanone (MEK)	<0.0050		0.0050	0.0022	mg/Kg			06/27/25 11:11	1
Carbon disulfide	<0.0050		0.0050	0.00092	mg/Kg			06/27/25 11:11	1
Carbon tetrachloride	<0.0020		0.0020	0.00068	mg/Kg			06/27/25 11:11	1
Chlorobenzene	<0.0020		0.0020	0.00084	mg/Kg			06/27/25 11:11	1
Chloroethane	<0.0050		0.0050	0.0016	mg/Kg			06/27/25 11:11	1
Chloroform	<0.0020		0.0020	0.0014	mg/Kg			06/27/25 11:11	1
Chloromethane	<0.0050		0.0050	0.00097	mg/Kg			06/27/25 11:11	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00081	mg/Kg			06/27/25 11:11	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00080	mg/Kg			06/27/25 11:11	1
Dibromochloromethane	<0.0020		0.0020	0.00093	mg/Kg			06/27/25 11:11	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0035	mg/Kg			06/27/25 11:11	1
1,1-Dichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/27/25 11:11	1
1,2-Dichloroethane	<0.0050		0.0050	0.0013	mg/Kg			06/27/25 11:11	1
1,1-Dichloroethene	<0.0020		0.0020	0.00082	mg/Kg			06/27/25 11:11	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg			06/27/25 11:11	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00096	mg/Kg			06/27/25 11:11	1
Ethylbenzene	<0.0020		0.0020	0.0011	mg/Kg			06/27/25 11:11	1
2-Hexanone	<0.0050		0.0050	0.0030	mg/Kg			06/27/25 11:11	1
Methylene Chloride	<0.0050		0.0050	0.0021	mg/Kg			06/27/25 11:11	1
4-Methyl-2-pentanone (MIBK)	<0.0050		0.0050	0.0036	mg/Kg			06/27/25 11:11	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00065	mg/Kg			06/27/25 11:11	1
Styrene	<0.0020		0.0020	0.00090	mg/Kg			06/27/25 11:11	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00099	mg/Kg			06/27/25 11:11	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg			06/27/25 11:11	1
Toluene	<0.0020		0.0020	0.00040	mg/Kg			06/27/25 11:11	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00076	mg/Kg			06/27/25 11:11	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00096	mg/Kg			06/27/25 11:11	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00081	mg/Kg			06/27/25 11:11	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/27/25 11:11	1
Trichloroethene	<0.0020		0.0020	0.00054	mg/Kg			06/27/25 11:11	1
Vinyl acetate	<0.0050		0.0050	0.0012	mg/Kg			06/27/25 11:11	1
Vinyl chloride	<0.0020		0.0020	0.00082	mg/Kg			06/27/25 11:11	1
Xylenes, Total	<0.0040		0.0040	0.00069	mg/Kg			06/27/25 11:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		75 - 131		06/27/25 11:11	1
Dibromofluoromethane	93		75 - 126		06/27/25 11:11	1
1,2-Dichloroethane-d4 (Surr)	92		70 - 134		06/27/25 11:11	1
Toluene-d8 (Surr)	106		75 - 124		06/27/25 11:11	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823604/4

Matrix: Solid

Analysis Batch: 823604

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	0.0365		mg/Kg		73	40 - 150
Benzene	0.0500	0.0558		mg/Kg		112	70 - 125
Bromodichloromethane	0.0500	0.0507		mg/Kg		101	67 - 129
Bromoform	0.0500	0.0452		mg/Kg		90	68 - 136
Bromomethane	0.0500	0.0478		mg/Kg		96	70 - 130
2-Butanone (MEK)	0.0500	0.0402		mg/Kg		80	47 - 138
Carbon disulfide	0.0500	0.0503		mg/Kg		101	70 - 129
Carbon tetrachloride	0.0500	0.0513		mg/Kg		103	75 - 125
Chlorobenzene	0.0500	0.0550		mg/Kg		110	50 - 150
Chloroethane	0.0500	0.0481		mg/Kg		96	75 - 125
Chloroform	0.0500	0.0519		mg/Kg		104	57 - 135
Chloromethane	0.0500	0.0437		mg/Kg		87	70 - 125
cis-1,2-Dichloroethene	0.0500	0.0553		mg/Kg		111	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0543		mg/Kg		109	70 - 125
Dibromochloromethane	0.0500	0.0498		mg/Kg		100	69 - 125
1,2-Dibromo-3-Chloropropane	0.0500	0.0560		mg/Kg		112	60 - 136
1,1-Dichloroethane	0.0500	0.0519		mg/Kg		104	70 - 125
1,2-Dichloroethane	0.0500	0.0491		mg/Kg		98	70 - 130
1,1-Dichloroethene	0.0500	0.0501		mg/Kg		100	70 - 120
1,2-Dichloropropane	0.0500	0.0526		mg/Kg		105	70 - 125
Ethylbenzene	0.0500	0.0549		mg/Kg		110	61 - 136
2-Hexanone	0.0500	0.0373		mg/Kg		75	48 - 146
Methylene Chloride	0.0500	0.0491		mg/Kg		98	70 - 126
4-Methyl-2-pentanone (MIBK)	0.0500	0.0393		mg/Kg		79	50 - 148
Methyl tert-butyl ether	0.0500	0.0541		mg/Kg		108	50 - 140
Styrene	0.0500	0.0536		mg/Kg		107	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0551		mg/Kg		110	70 - 122
Tetrachloroethene	0.0500	0.0524		mg/Kg		105	70 - 124
Toluene	0.0500	0.0561		mg/Kg		112	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0566		mg/Kg		113	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0526		mg/Kg		105	70 - 125
1,1,1-Trichloroethane	0.0500	0.0522		mg/Kg		104	70 - 128
1,1,2-Trichloroethane	0.0500	0.0553		mg/Kg		111	70 - 125
Trichloroethene	0.0500	0.0566		mg/Kg		113	70 - 125
Vinyl acetate	0.0500	0.0389		mg/Kg		78	40 - 153
Vinyl chloride	0.0500	0.0512		mg/Kg		102	70 - 125
Xylenes, Total	0.100	0.109		mg/Kg		109	53 - 147

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	114		75 - 131
Dibromofluoromethane	95		75 - 126
1,2-Dichloroethane-d4 (Surr)	92		70 - 134
Toluene-d8 (Surr)	106		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCSD 500-823604/5

Matrix: Solid

Analysis Batch: 823604

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	0.0354		mg/Kg		71	40 - 150	3	30
Benzene	0.0500	0.0533		mg/Kg		107	70 - 125	5	30
Bromodichloromethane	0.0500	0.0484		mg/Kg		97	67 - 129	4	30
Bromoform	0.0500	0.0435		mg/Kg		87	68 - 136	4	30
Bromomethane	0.0500	0.0461		mg/Kg		92	70 - 130	4	30
2-Butanone (MEK)	0.0500	0.0365		mg/Kg		73	47 - 138	10	30
Carbon disulfide	0.0500	0.0495		mg/Kg		99	70 - 129	1	30
Carbon tetrachloride	0.0500	0.0504		mg/Kg		101	75 - 125	2	30
Chlorobenzene	0.0500	0.0543		mg/Kg		109	50 - 150	1	30
Chloroethane	0.0500	0.0479		mg/Kg		96	75 - 125	1	30
Chloroform	0.0500	0.0506		mg/Kg		101	57 - 135	2	30
Chloromethane	0.0500	0.0421		mg/Kg		84	70 - 125	4	30
cis-1,2-Dichloroethene	0.0500	0.0539		mg/Kg		108	70 - 125	3	30
cis-1,3-Dichloropropene	0.0500	0.0537		mg/Kg		107	70 - 125	1	30
Dibromochloromethane	0.0500	0.0482		mg/Kg		96	69 - 125	3	30
1,2-Dibromo-3-Chloropropane	0.0500	0.0511		mg/Kg		102	60 - 136	9	30
1,1-Dichloroethane	0.0500	0.0502		mg/Kg		100	70 - 125	3	30
1,2-Dichloroethane	0.0500	0.0472		mg/Kg		94	70 - 130	4	30
1,1-Dichloroethene	0.0500	0.0483		mg/Kg		97	70 - 120	4	30
1,2-Dichloropropane	0.0500	0.0509		mg/Kg		102	70 - 125	3	30
Ethylbenzene	0.0500	0.0527		mg/Kg		105	61 - 136	4	30
2-Hexanone	0.0500	0.0353		mg/Kg		71	48 - 146	5	30
Methylene Chloride	0.0500	0.0494		mg/Kg		99	70 - 126	1	30
4-Methyl-2-pentanone (MIBK)	0.0500	0.0371		mg/Kg		74	50 - 148	6	30
Methyl tert-butyl ether	0.0500	0.0521		mg/Kg		104	50 - 140	4	30
Styrene	0.0500	0.0513		mg/Kg		103	70 - 125	4	30
1,1,2,2-Tetrachloroethane	0.0500	0.0518		mg/Kg		104	70 - 122	6	30
Tetrachloroethene	0.0500	0.0514		mg/Kg		103	70 - 124	2	30
Toluene	0.0500	0.0555		mg/Kg		111	70 - 125	1	30
trans-1,2-Dichloroethene	0.0500	0.0555		mg/Kg		111	70 - 125	2	30
trans-1,3-Dichloropropene	0.0500	0.0513		mg/Kg		103	70 - 125	2	30
1,1,1-Trichloroethane	0.0500	0.0506		mg/Kg		101	70 - 128	3	30
1,1,2-Trichloroethane	0.0500	0.0527		mg/Kg		105	70 - 125	5	30
Trichloroethene	0.0500	0.0544		mg/Kg		109	70 - 125	4	30
Vinyl acetate	0.0500	0.0363		mg/Kg		73	40 - 153	7	30
Vinyl chloride	0.0500	0.0488		mg/Kg		98	70 - 125	5	30
Xylenes, Total	0.100	0.105		mg/Kg		105	53 - 147	3	30

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	114		75 - 131
Dibromofluoromethane	95		75 - 126
1,2-Dichloroethane-d4 (Surr)	90		70 - 134
Toluene-d8 (Surr)	108		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-823845/8

Matrix: Solid

Analysis Batch: 823845

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			06/30/25 11:25	1
Benzene	<0.0020		0.0020	0.00063	mg/Kg			06/30/25 11:25	1
Bromodichloromethane	<0.0020		0.0020	0.00064	mg/Kg			06/30/25 11:25	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg			06/30/25 11:25	1
Bromomethane	<0.0050		0.0050	0.0025	mg/Kg			06/30/25 11:25	1
2-Butanone (MEK)	<0.0050		0.0050	0.0022	mg/Kg			06/30/25 11:25	1
Carbon disulfide	<0.0050		0.0050	0.00092	mg/Kg			06/30/25 11:25	1
Carbon tetrachloride	<0.0020		0.0020	0.00068	mg/Kg			06/30/25 11:25	1
Chlorobenzene	<0.0020		0.0020	0.00084	mg/Kg			06/30/25 11:25	1
Chloroethane	<0.0050		0.0050	0.0016	mg/Kg			06/30/25 11:25	1
Chloroform	<0.0020		0.0020	0.0014	mg/Kg			06/30/25 11:25	1
Chloromethane	<0.0050		0.0050	0.00097	mg/Kg			06/30/25 11:25	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00081	mg/Kg			06/30/25 11:25	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00080	mg/Kg			06/30/25 11:25	1
Dibromochloromethane	<0.0020		0.0020	0.00093	mg/Kg			06/30/25 11:25	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0035	mg/Kg			06/30/25 11:25	1
1,1-Dichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/30/25 11:25	1
1,2-Dichloroethane	<0.0050		0.0050	0.0013	mg/Kg			06/30/25 11:25	1
1,1-Dichloroethene	<0.0020		0.0020	0.00082	mg/Kg			06/30/25 11:25	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg			06/30/25 11:25	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00096	mg/Kg			06/30/25 11:25	1
Ethylbenzene	<0.0020		0.0020	0.0011	mg/Kg			06/30/25 11:25	1
2-Hexanone	<0.0050		0.0050	0.0030	mg/Kg			06/30/25 11:25	1
Methylene Chloride	<0.0050		0.0050	0.0021	mg/Kg			06/30/25 11:25	1
4-Methyl-2-pentanone (MIBK)	<0.0050		0.0050	0.0036	mg/Kg			06/30/25 11:25	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00065	mg/Kg			06/30/25 11:25	1
Styrene	<0.0020		0.0020	0.00090	mg/Kg			06/30/25 11:25	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00099	mg/Kg			06/30/25 11:25	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg			06/30/25 11:25	1
Toluene	<0.0020		0.0020	0.00040	mg/Kg			06/30/25 11:25	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00076	mg/Kg			06/30/25 11:25	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00096	mg/Kg			06/30/25 11:25	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00081	mg/Kg			06/30/25 11:25	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/30/25 11:25	1
Trichloroethene	<0.0020		0.0020	0.00054	mg/Kg			06/30/25 11:25	1
Vinyl acetate	<0.0050		0.0050	0.0012	mg/Kg			06/30/25 11:25	1
Vinyl chloride	<0.0020		0.0020	0.00082	mg/Kg			06/30/25 11:25	1
Xylenes, Total	<0.0040		0.0040	0.00069	mg/Kg			06/30/25 11:25	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		75 - 131		06/30/25 11:25	1
Dibromofluoromethane	100		75 - 126		06/30/25 11:25	1
1,2-Dichloroethane-d4 (Surr)	100		70 - 134		06/30/25 11:25	1
Toluene-d8 (Surr)	103		75 - 124		06/30/25 11:25	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823845/6

Matrix: Solid

Analysis Batch: 823845

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	0.0429		mg/Kg		86	40 - 150
Benzene	0.0500	0.0519		mg/Kg		104	70 - 125
Bromodichloromethane	0.0500	0.0491		mg/Kg		98	67 - 129
Bromoform	0.0500	0.0489		mg/Kg		98	68 - 136
Bromomethane	0.0500	0.0576		mg/Kg		115	70 - 130
2-Butanone (MEK)	0.0500	0.0469		mg/Kg		94	47 - 138
Carbon disulfide	0.0500	0.0497		mg/Kg		99	70 - 129
Carbon tetrachloride	0.0500	0.0441		mg/Kg		88	75 - 125
Chlorobenzene	0.0500	0.0484		mg/Kg		97	50 - 150
Chloroethane	0.0500	0.0490		mg/Kg		98	75 - 125
Chloroform	0.0500	0.0458		mg/Kg		92	57 - 135
Chloromethane	0.0500	0.0522		mg/Kg		104	70 - 125
cis-1,2-Dichloroethene	0.0500	0.0495		mg/Kg		99	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0525		mg/Kg		105	70 - 125
Dibromochloromethane	0.0500	0.0497		mg/Kg		99	69 - 125
1,2-Dibromo-3-Chloropropane	0.0500	0.0506		mg/Kg		101	60 - 136
1,1-Dichloroethane	0.0500	0.0491		mg/Kg		98	70 - 125
1,2-Dichloroethane	0.0500	0.0475		mg/Kg		95	70 - 130
1,1-Dichloroethene	0.0500	0.0492		mg/Kg		98	70 - 120
1,2-Dichloropropane	0.0500	0.0508		mg/Kg		102	70 - 125
Ethylbenzene	0.0500	0.0548		mg/Kg		110	61 - 136
2-Hexanone	0.0500	0.0520		mg/Kg		104	48 - 146
Methylene Chloride	0.0500	0.0516		mg/Kg		103	70 - 126
4-Methyl-2-pentanone (MIBK)	0.0500	0.0538		mg/Kg		108	50 - 148
Methyl tert-butyl ether	0.0500	0.0477		mg/Kg		95	50 - 140
Styrene	0.0500	0.0539		mg/Kg		108	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0575		mg/Kg		115	70 - 122
Tetrachloroethene	0.0500	0.0490		mg/Kg		98	70 - 124
Toluene	0.0500	0.0465		mg/Kg		93	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0487		mg/Kg		97	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0501		mg/Kg		100	70 - 125
1,1,1-Trichloroethane	0.0500	0.0465		mg/Kg		93	70 - 128
1,1,2-Trichloroethane	0.0500	0.0512		mg/Kg		102	70 - 125
Trichloroethene	0.0500	0.0469		mg/Kg		94	70 - 125
Vinyl acetate	0.0500	0.0545		mg/Kg		109	40 - 153
Vinyl chloride	0.0500	0.0526		mg/Kg		105	70 - 125
Xylenes, Total	0.100	0.0988		mg/Kg		99	53 - 147

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	98		75 - 131
Dibromofluoromethane	98		75 - 126
1,2-Dichloroethane-d4 (Surr)	99		70 - 134
Toluene-d8 (Surr)	102		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCSD 500-823845/9

Matrix: Solid

Analysis Batch: 823845

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	0.0334		mg/Kg		67	40 - 150	25	30
Benzene	0.0500	0.0429		mg/Kg		86	70 - 125	19	30
Bromodichloromethane	0.0500	0.0411		mg/Kg		82	67 - 129	18	30
Bromoform	0.0500	0.0385		mg/Kg		77	68 - 136	24	30
Bromomethane	0.0500	0.0441		mg/Kg		88	70 - 130	27	30
2-Butanone (MEK)	0.0500	0.0376		mg/Kg		75	47 - 138	22	30
Carbon disulfide	0.0500	0.0421		mg/Kg		84	70 - 129	17	30
Carbon tetrachloride	0.0500	0.0372	*-	mg/Kg		74	75 - 125	17	30
Chlorobenzene	0.0500	0.0402		mg/Kg		80	50 - 150	18	30
Chloroethane	0.0500	0.0389		mg/Kg		78	75 - 125	23	30
Chloroform	0.0500	0.0378		mg/Kg		76	57 - 135	19	30
Chloromethane	0.0500	0.0409		mg/Kg		82	70 - 125	24	30
cis-1,2-Dichloroethene	0.0500	0.0418		mg/Kg		84	70 - 125	17	30
cis-1,3-Dichloropropene	0.0500	0.0446		mg/Kg		89	70 - 125	16	30
Dibromochloromethane	0.0500	0.0408		mg/Kg		82	69 - 125	20	30
1,2-Dibromo-3-Chloropropane	0.0500	0.0396		mg/Kg		79	60 - 136	24	30
1,1-Dichloroethane	0.0500	0.0405		mg/Kg		81	70 - 125	19	30
1,2-Dichloroethane	0.0500	0.0387		mg/Kg		77	70 - 130	20	30
1,1-Dichloroethene	0.0500	0.0409		mg/Kg		82	70 - 120	18	30
1,2-Dichloropropane	0.0500	0.0429		mg/Kg		86	70 - 125	17	30
Ethylbenzene	0.0500	0.0449		mg/Kg		90	61 - 136	20	30
2-Hexanone	0.0500	0.0430		mg/Kg		86	48 - 146	19	30
Methylene Chloride	0.0500	0.0437		mg/Kg		87	70 - 126	17	30
4-Methyl-2-pentanone (MIBK)	0.0500	0.0439		mg/Kg		88	50 - 148	20	30
Methyl tert-butyl ether	0.0500	0.0390		mg/Kg		78	50 - 140	20	30
Styrene	0.0500	0.0444		mg/Kg		89	70 - 125	19	30
1,1,2,2-Tetrachloroethane	0.0500	0.0479		mg/Kg		96	70 - 122	18	30
Tetrachloroethene	0.0500	0.0404		mg/Kg		81	70 - 124	19	30
Toluene	0.0500	0.0392		mg/Kg		78	70 - 125	17	30
trans-1,2-Dichloroethene	0.0500	0.0417		mg/Kg		83	70 - 125	15	30
trans-1,3-Dichloropropene	0.0500	0.0414		mg/Kg		83	70 - 125	19	30
1,1,1-Trichloroethane	0.0500	0.0383		mg/Kg		77	70 - 128	19	30
1,1,2-Trichloroethane	0.0500	0.0424		mg/Kg		85	70 - 125	19	30
Trichloroethene	0.0500	0.0391		mg/Kg		78	70 - 125	18	30
Vinyl acetate	0.0500	0.0449		mg/Kg		90	40 - 153	19	30
Vinyl chloride	0.0500	0.0426		mg/Kg		85	70 - 125	21	30
Xylenes, Total	0.100	0.0823		mg/Kg		82	53 - 147	18	30

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	102		75 - 131
Dibromofluoromethane	99		75 - 126
1,2-Dichloroethane-d4 (Surr)	101		70 - 134
Toluene-d8 (Surr)	107		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-823218/1-A

Matrix: Solid

Analysis Batch: 823426

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 823218

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		06/25/25 07:38	06/26/25 11:47	1
1,2-Dichlorobenzene	<0.17		0.17	0.014	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
1,3-Dichlorobenzene	<0.17		0.17	0.015	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
1,4-Dichlorobenzene	<0.17		0.17	0.016	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,2'-oxybis[1-chloropropane]	<0.17		0.17	0.024	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,4,5-Trichlorophenol	<0.33		0.33	0.013	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,4,6-Trichlorophenol	<0.33		0.33	0.011	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,4-Dichlorophenol	<0.33		0.33	0.012	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,4-Dimethylphenol	<0.33		0.33	0.074	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,4-Dinitrophenol	<0.67		0.67	0.19	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,4-Dinitrotoluene	<0.17		0.17	0.019	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,6-Dinitrotoluene	<0.17		0.17	0.023	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2-Chloronaphthalene	<0.17		0.17	0.012	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2-Chlorophenol	<0.17		0.17	0.011	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2-Methylnaphthalene	<0.067		0.067	0.0067	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2-Methylphenol	<0.17		0.17	0.018	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2-Nitroaniline	<0.17		0.17	0.018	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2-Nitrophenol	<0.33		0.33	0.023	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
3 & 4 Methylphenol	<0.17		0.17	0.024	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
3,3'-Dichlorobenzidine	<0.17		0.17	0.15	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
3-Nitroaniline	<0.33		0.33	0.015	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
4,6-Dinitro-2-methylphenol	<0.67		0.67	0.19	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
4-Bromophenyl phenyl ether	<0.17		0.17	0.023	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
4-Chloro-3-methylphenol	<0.33		0.33	0.028	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
4-Chloroaniline	<0.67		0.67	0.35	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
4-Chlorophenyl phenyl ether	<0.17		0.17	0.044	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
4-Nitroaniline	<0.33		0.33	0.025	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
4-Nitrophenol	<0.67		0.67	0.36	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Acenaphthene	<0.033		0.033	0.0068	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Acenaphthylene	<0.033		0.033	0.0056	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Anthracene	<0.033		0.033	0.0068	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Benzo[a]anthracene	<0.033		0.033	0.0070	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Benzo[a]pyrene	<0.033		0.033	0.032	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Benzo[b]fluoranthene	<0.033		0.033	0.032	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Benzo[g,h,i]perylene	<0.033		0.033	0.015	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Benzo[k]fluoranthene	<0.033		0.033	0.013	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Bis(2-chloroethoxy)methane	<0.17		0.17	0.012	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Bis(2-chloroethyl)ether	<0.17		0.17	0.015	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Bis(2-ethylhexyl) phthalate	<0.17		0.17	0.13	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Butyl benzyl phthalate	<0.17		0.17	0.017	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Carbazole	<0.17		0.17	0.013	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Chrysene	<0.033		0.033	0.0088	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Dibenz(a,h)anthracene	<0.033		0.033	0.033	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Dibenzofuran	<0.17		0.17	0.012	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Diethyl phthalate	<0.17		0.17	0.015	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Dimethyl phthalate	<0.17		0.17	0.0072	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Di-n-butyl phthalate	<0.17		0.17	0.011	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Di-n-octyl phthalate	<0.33		0.33	0.23	mg/Kg		06/25/25 07:38	06/26/25 11:47	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-823218/1-A

Matrix: Solid

Analysis Batch: 823426

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 823218

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	<0.033		0.033	0.0077	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Fluorene	<0.033		0.033	0.0098	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Hexachlorobenzene	<0.067		0.067	0.0064	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Hexachlorobutadiene	<0.17		0.17	0.019	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Hexachlorocyclopentadiene	<0.67		0.67	0.35	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Hexachloroethane	<0.17		0.17	0.017	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Indeno[1,2,3-cd]pyrene	<0.033		0.033	0.032	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Isophorone	<0.17		0.17	0.017	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Naphthalene	<0.033		0.033	0.0060	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Nitrobenzene	<0.033		0.033	0.011	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
N-Nitrosodi-n-propylamine	<0.067		0.067	0.019	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
N-Nitrosodiphenylamine	<0.17		0.17	0.066	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Pentachlorophenol	<0.67		0.67	0.37	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Phenanthrene	<0.033		0.033	0.0072	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Phenol	<0.17		0.17	0.014	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Pyrene	<0.033		0.033	0.0091	mg/Kg		06/25/25 07:38	06/26/25 11:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	86		31 - 166	06/25/25 07:38	06/26/25 11:47	1
Phenol-d5 (Surr)	89		30 - 153	06/25/25 07:38	06/26/25 11:47	1
Nitrobenzene-d5 (Surr)	101		37 - 147	06/25/25 07:38	06/26/25 11:47	1
2-Fluorobiphenyl (Surr)	86		43 - 145	06/25/25 07:38	06/26/25 11:47	1
2,4,6-Tribromophenol (Surr)	86		31 - 143	06/25/25 07:38	06/26/25 11:47	1
Terphenyl-d14 (Surr)	96		42 - 157	06/25/25 07:38	06/26/25 11:47	1

Lab Sample ID: LCS 500-823218/2-A

Matrix: Solid

Analysis Batch: 823426

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823218

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	3.33	2.28		mg/Kg		68	49 - 100
1,2-Dichlorobenzene	3.33	2.15		mg/Kg		64	47 - 94
1,3-Dichlorobenzene	3.33	2.17		mg/Kg		65	47 - 92
1,4-Dichlorobenzene	3.33	2.18		mg/Kg		65	46 - 92
2,2'-oxybis[1-chloropropane]	3.33	2.94		mg/Kg		88	43 - 111
2,4,5-Trichlorophenol	3.33	2.93		mg/Kg		88	48 - 121
2,4,6-Trichlorophenol	3.33	2.82		mg/Kg		85	50 - 121
2,4-Dichlorophenol	3.33	2.49		mg/Kg		75	51 - 109
2,4-Dimethylphenol	3.33	2.54		mg/Kg		76	48 - 93
2,4-Dinitrophenol	6.67	5.79		mg/Kg		87	10 - 130
2,4-Dinitrotoluene	3.33	2.97		mg/Kg		89	65 - 120
2,6-Dinitrotoluene	3.33	3.05		mg/Kg		91	66 - 117
2-Chloronaphthalene	3.33	2.61		mg/Kg		78	60 - 107
2-Chlorophenol	3.33	2.58		mg/Kg		77	50 - 102
2-Methylnaphthalene	3.33	2.57		mg/Kg		77	58 - 103
2-Methylphenol	3.33	2.34		mg/Kg		70	50 - 104
2-Nitroaniline	3.33	3.53		mg/Kg		106	61 - 126
2-Nitrophenol	3.33	2.70		mg/Kg		81	41 - 114

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823218/2-A

Matrix: Solid

Analysis Batch: 823426

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823218

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
3 & 4 Methylphenol	3.33	2.42		mg/Kg		73	49 - 109
3,3'-Dichlorobenzidine	3.33	2.74		mg/Kg		82	36 - 131
3-Nitroaniline	3.33	2.84		mg/Kg		85	44 - 124
4,6-Dinitro-2-methylphenol	6.67	7.01		mg/Kg		105	36 - 138
4-Bromophenyl phenyl ether	3.33	3.07		mg/Kg		92	57 - 124
4-Chloro-3-methylphenol	3.33	2.67		mg/Kg		80	57 - 113
4-Chloroaniline	3.33	2.20		mg/Kg		66	22 - 110
4-Chlorophenyl phenyl ether	3.33	2.48		mg/Kg		75	60 - 112
4-Nitroaniline	3.33	3.02		mg/Kg		91	60 - 115
4-Nitrophenol	6.67	4.48		mg/Kg		67	45 - 126
Acenaphthene	3.33	2.61		mg/Kg		78	63 - 109
Acenaphthylene	3.33	2.81		mg/Kg		84	61 - 115
Anthracene	3.33	3.09		mg/Kg		93	68 - 120
Benzo[a]anthracene	3.33	2.82		mg/Kg		85	70 - 121
Benzo[a]pyrene	3.33	3.32		mg/Kg		100	73 - 132
Benzo[b]fluoranthene	3.33	3.53		mg/Kg		106	68 - 123
Benzo[g,h,i]perylene	3.33	3.14		mg/Kg		94	65 - 126
Benzo[k]fluoranthene	3.33	3.04		mg/Kg		91	64 - 128
Bis(2-chloroethoxy)methane	3.33	2.68		mg/Kg		80	54 - 102
Bis(2-chloroethyl)ether	3.33	2.70		mg/Kg		81	49 - 99
Bis(2-ethylhexyl) phthalate	3.33	3.22		mg/Kg		97	70 - 139
Butyl benzyl phthalate	3.33	3.12		mg/Kg		94	65 - 140
Carbazole	3.33	3.09		mg/Kg		93	68 - 120
Chrysene	3.33	2.91		mg/Kg		87	70 - 123
Dibenz(a,h)anthracene	3.33	2.75		mg/Kg		82	66 - 125
Dibenzofuran	3.33	2.60		mg/Kg		78	64 - 112
Diethyl phthalate	3.33	2.94		mg/Kg		88	66 - 115
Dimethyl phthalate	3.33	2.89		mg/Kg		87	65 - 114
Di-n-butyl phthalate	3.33	3.19		mg/Kg		96	69 - 125
Di-n-octyl phthalate	3.33	3.30		mg/Kg		99	61 - 131
Fluoranthene	3.33	3.09		mg/Kg		93	66 - 123
Fluorene	3.33	2.62		mg/Kg		79	62 - 113
Hexachlorobenzene	3.33	3.11		mg/Kg		93	52 - 126
Hexachlorobutadiene	3.33	2.32		mg/Kg		70	42 - 103
Hexachlorocyclopentadiene	3.33	1.80		mg/Kg		54	10 - 100
Hexachloroethane	3.33	2.23		mg/Kg		67	45 - 95
Indeno[1,2,3-cd]pyrene	3.33	3.51		mg/Kg		105	66 - 131
Isophorone	3.33	2.93		mg/Kg		88	47 - 108
Naphthalene	3.33	2.40		mg/Kg		72	54 - 98
Nitrobenzene	3.33	3.14		mg/Kg		94	52 - 105
N-Nitrosodi-n-propylamine	3.33	2.77		mg/Kg		83	48 - 110
N-Nitrosodiphenylamine	3.33	3.04		mg/Kg		91	67 - 112
Pentachlorophenol	6.67	4.81		mg/Kg		72	32 - 128
Phenanthrene	3.33	3.03		mg/Kg		91	65 - 115
Phenol	3.33	2.52		mg/Kg		76	52 - 110
Pyrene	3.33	3.07		mg/Kg		92	71 - 128

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823218/2-A

Matrix: Solid

Analysis Batch: 823426

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823218

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
2-Fluorophenol (Surr)	79		31 - 166
Phenol-d5 (Surr)	80		30 - 153
Nitrobenzene-d5 (Surr)	94		37 - 147
2-Fluorobiphenyl (Surr)	83		43 - 145
2,4,6-Tribromophenol (Surr)	91		31 - 143
Terphenyl-d14 (Surr)	95		42 - 157

Lab Sample ID: MB 500-823337/1-A

Matrix: Solid

Analysis Batch: 823620

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 823337

Analyte	MB	MB							
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.17		0.17	0.024	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
1,2-Dichlorobenzene	<0.17		0.17	0.014	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
1,3-Dichlorobenzene	<0.17		0.17	0.015	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
1,4-Dichlorobenzene	<0.17		0.17	0.016	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,2'-oxybis[1-chloropropane]	<0.17		0.17	0.024	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,4,5-Trichlorophenol	<0.33		0.33	0.013	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,4,6-Trichlorophenol	<0.33		0.33	0.011	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,4-Dichlorophenol	<0.33		0.33	0.012	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,4-Dimethylphenol	<0.33		0.33	0.074	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,4-Dinitrophenol	<0.67		0.67	0.19	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,4-Dinitrotoluene	<0.17		0.17	0.019	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,6-Dinitrotoluene	<0.17		0.17	0.023	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2-Chloronaphthalene	<0.17		0.17	0.012	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2-Chlorophenol	<0.17		0.17	0.011	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2-Methylnaphthalene	<0.067		0.067	0.0067	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2-Methylphenol	<0.17		0.17	0.018	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2-Nitroaniline	<0.17		0.17	0.018	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2-Nitrophenol	<0.33		0.33	0.023	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
3 & 4 Methylphenol	<0.17		0.17	0.024	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
3,3'-Dichlorobenzidine	<0.17		0.17	0.15	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
3-Nitroaniline	<0.33		0.33	0.015	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
4,6-Dinitro-2-methylphenol	<0.67		0.67	0.19	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
4-Bromophenyl phenyl ether	<0.17		0.17	0.023	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
4-Chloro-3-methylphenol	<0.33		0.33	0.028	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
4-Chloroaniline	<0.67		0.67	0.35	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
4-Chlorophenyl phenyl ether	<0.17		0.17	0.044	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
4-Nitroaniline	<0.33		0.33	0.025	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
4-Nitrophenol	<0.67		0.67	0.36	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Acenaphthene	<0.033		0.033	0.0068	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Acenaphthylene	<0.033		0.033	0.0056	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Anthracene	<0.033		0.033	0.0068	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Benzo[a]anthracene	<0.033		0.033	0.0070	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Benzo[a]pyrene	<0.033		0.033	0.032	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Benzo[b]fluoranthene	<0.033		0.033	0.032	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Benzo[g,h,i]perylene	<0.033		0.033	0.015	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Benzo[k]fluoranthene	<0.033		0.033	0.013	mg/Kg		06/25/25 14:04	06/27/25 11:53	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-823337/1-A

Matrix: Solid

Analysis Batch: 823620

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 823337

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	<0.17		0.17	0.012	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Bis(2-chloroethyl)ether	<0.17		0.17	0.015	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Bis(2-ethylhexyl) phthalate	<0.17		0.17	0.13	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Butyl benzyl phthalate	<0.17		0.17	0.017	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Carbazole	<0.17		0.17	0.013	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Chrysene	<0.033		0.033	0.0088	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Dibenz(a,h)anthracene	<0.033		0.033	0.033	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Dibenzofuran	<0.17		0.17	0.012	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Diethyl phthalate	0.0239	J	0.17	0.015	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Dimethyl phthalate	<0.17		0.17	0.0072	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Di-n-butyl phthalate	<0.17		0.17	0.011	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Di-n-octyl phthalate	<0.33		0.33	0.23	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Fluoranthene	<0.033		0.033	0.0077	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Fluorene	<0.033		0.033	0.0098	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Hexachlorobenzene	<0.067		0.067	0.0064	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Hexachlorobutadiene	<0.17		0.17	0.019	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Hexachlorocyclopentadiene	<0.67		0.67	0.35	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Hexachloroethane	<0.17		0.17	0.017	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Indeno[1,2,3-cd]pyrene	<0.033		0.033	0.032	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Isophorone	<0.17		0.17	0.017	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Naphthalene	<0.033		0.033	0.0060	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Nitrobenzene	<0.033		0.033	0.011	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
N-Nitrosodi-n-propylamine	<0.067		0.067	0.019	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
N-Nitrosodiphenylamine	<0.17		0.17	0.066	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Pentachlorophenol	<0.67		0.67	0.37	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Phenanthrene	<0.033		0.033	0.0072	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Phenol	<0.17		0.17	0.014	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Pyrene	<0.033		0.033	0.0091	mg/Kg		06/25/25 14:04	06/27/25 11:53	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	83		31 - 166	06/25/25 14:04	06/27/25 11:53	1
Phenol-d5 (Surr)	80		30 - 153	06/25/25 14:04	06/27/25 11:53	1
Nitrobenzene-d5 (Surr)	80		37 - 147	06/25/25 14:04	06/27/25 11:53	1
2-Fluorobiphenyl (Surr)	86		43 - 145	06/25/25 14:04	06/27/25 11:53	1
2,4,6-Tribromophenol (Surr)	76		31 - 143	06/25/25 14:04	06/27/25 11:53	1
Terphenyl-d14 (Surr)	100		42 - 157	06/25/25 14:04	06/27/25 11:53	1

Lab Sample ID: LCS 500-823337/2-A

Matrix: Solid

Analysis Batch: 823422

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823337

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	3.33	2.38		mg/Kg		71	49 - 100
1,2-Dichlorobenzene	3.33	2.36		mg/Kg		71	47 - 94
1,3-Dichlorobenzene	3.33	2.27		mg/Kg		68	47 - 92
1,4-Dichlorobenzene	3.33	2.30		mg/Kg		69	46 - 92
2,2'-oxybis[1-chloropropane]	3.33	2.42		mg/Kg		73	43 - 111
2,4,5-Trichlorophenol	3.33	2.76		mg/Kg		83	48 - 121

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823337/2-A

Matrix: Solid

Analysis Batch: 823422

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823337

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,6-Trichlorophenol	3.33	2.85		mg/Kg		85	50 - 121
2,4-Dichlorophenol	3.33	2.56		mg/Kg		77	51 - 109
2,4-Dimethylphenol	3.33	2.63		mg/Kg		79	48 - 93
2,4-Dinitrophenol	6.67	6.83		mg/Kg		103	10 - 130
2,4-Dinitrotoluene	3.33	3.13		mg/Kg		94	65 - 120
2,6-Dinitrotoluene	3.33	2.90		mg/Kg		87	66 - 117
2-Chloronaphthalene	3.33	2.72		mg/Kg		82	60 - 107
2-Chlorophenol	3.33	2.44		mg/Kg		73	50 - 102
2-Methylnaphthalene	3.33	2.89		mg/Kg		87	58 - 103
2-Methylphenol	3.33	2.52		mg/Kg		76	50 - 104
2-Nitroaniline	3.33	3.09		mg/Kg		93	61 - 126
2-Nitrophenol	3.33	2.62		mg/Kg		79	41 - 114
3 & 4 Methylphenol	3.33	2.50		mg/Kg		75	49 - 109
3,3'-Dichlorobenzidine	3.33	2.51		mg/Kg		75	36 - 131
3-Nitroaniline	3.33	2.83		mg/Kg		85	44 - 124
4,6-Dinitro-2-methylphenol	6.67	6.55		mg/Kg		98	36 - 138
4-Bromophenyl phenyl ether	3.33	2.86		mg/Kg		86	57 - 124
4-Chloro-3-methylphenol	3.33	2.77		mg/Kg		83	57 - 113
4-Chloroaniline	3.33	2.38		mg/Kg		71	22 - 110
4-Chlorophenyl phenyl ether	3.33	2.79		mg/Kg		84	60 - 112
4-Nitroaniline	3.33	3.00		mg/Kg		90	60 - 115
4-Nitrophenol	6.67	4.72		mg/Kg		71	45 - 126
Acenaphthene	3.33	2.73		mg/Kg		82	63 - 109
Acenaphthylene	3.33	2.87		mg/Kg		86	61 - 115
Anthracene	3.33	3.10		mg/Kg		93	68 - 120
Benzo[a]anthracene	3.33	2.79		mg/Kg		84	70 - 121
Benzo[a]pyrene	3.33	3.01		mg/Kg		90	73 - 132
Benzo[b]fluoranthene	3.33	3.14		mg/Kg		94	68 - 123
Benzo[g,h,i]perylene	3.33	2.87		mg/Kg		86	65 - 126
Benzo[k]fluoranthene	3.33	2.90		mg/Kg		87	64 - 128
Bis(2-chloroethoxy)methane	3.33	2.54		mg/Kg		76	54 - 102
Bis(2-chloroethyl)ether	3.33	2.45		mg/Kg		74	49 - 99
Bis(2-ethylhexyl) phthalate	3.33	2.97		mg/Kg		89	70 - 139
Butyl benzyl phthalate	3.33	2.96		mg/Kg		89	65 - 140
Carbazole	3.33	3.14		mg/Kg		94	68 - 120
Chrysene	3.33	2.90		mg/Kg		87	70 - 123
Dibenz(a,h)anthracene	3.33	3.08		mg/Kg		92	66 - 125
Dibenzofuran	3.33	2.89		mg/Kg		87	64 - 112
Diethyl phthalate	3.33	3.00		mg/Kg		90	66 - 115
Dimethyl phthalate	3.33	2.90		mg/Kg		87	65 - 114
Di-n-butyl phthalate	3.33	3.16		mg/Kg		95	69 - 125
Di-n-octyl phthalate	3.33	3.16		mg/Kg		95	61 - 131
Fluoranthene	3.33	2.97		mg/Kg		89	66 - 123
Fluorene	3.33	2.84		mg/Kg		85	62 - 113
Hexachlorobenzene	3.33	2.95		mg/Kg		88	52 - 126
Hexachlorobutadiene	3.33	2.31		mg/Kg		69	42 - 103
Hexachlorocyclopentadiene	3.33	2.81		mg/Kg		84	10 - 100
Hexachloroethane	3.33	2.33		mg/Kg		70	45 - 95
Indeno[1,2,3-cd]pyrene	3.33	3.03		mg/Kg		91	66 - 131

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823337/2-A

Matrix: Solid

Analysis Batch: 823422

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823337

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Isophorone	3.33	2.60		mg/Kg		78	47 - 108
Naphthalene	3.33	2.41		mg/Kg		72	54 - 98
Nitrobenzene	3.33	2.42		mg/Kg		72	52 - 105
N-Nitrosodi-n-propylamine	3.33	2.62		mg/Kg		79	48 - 110
N-Nitrosodiphenylamine	3.33	3.05		mg/Kg		92	67 - 112
Pentachlorophenol	6.67	4.94		mg/Kg		74	32 - 128
Phenanthrene	3.33	2.99		mg/Kg		90	65 - 115
Phenol	3.33	2.49		mg/Kg		75	52 - 110
Pyrene	3.33	2.90		mg/Kg		87	71 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorophenol (Surr)	76		31 - 166
Phenol-d5 (Surr)	75		30 - 153
Nitrobenzene-d5 (Surr)	76		37 - 147
2-Fluorobiphenyl (Surr)	84		43 - 145
2,4,6-Tribromophenol (Surr)	83		31 - 143
Terphenyl-d14 (Surr)	91		42 - 157

Method: 6010D - Metals (ICP)

Lab Sample ID: LCS 500-822485/2-A

Matrix: Solid

Analysis Batch: 822772

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822485

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.100	0.0995		mg/L		99	80 - 120
Manganese	0.500	0.475		mg/L		95	80 - 120
Nickel	0.500	0.485		mg/L		97	80 - 120

Lab Sample ID: LCS 500-822509/2-A

Matrix: Solid

Analysis Batch: 822771

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822509

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.108		mg/L		108	80 - 120
Barium	0.500	0.499		mg/L		100	80 - 120
Beryllium	0.0500	0.0508		mg/L		102	80 - 120
Boron	1.00	0.959		mg/L		96	80 - 120
Cadmium	0.0500	0.0489		mg/L		98	80 - 120
Chromium	0.200	0.191		mg/L		95	80 - 120
Cobalt	0.500	0.520		mg/L		104	80 - 120
Copper	0.250	0.239		mg/L		96	80 - 120
Iron	1.00	1.05		mg/L		105	80 - 120
Lead	0.100	0.104		mg/L		104	80 - 120
Manganese	0.500	0.476		mg/L		95	80 - 120
Nickel	0.500	0.521		mg/L		104	80 - 120
Selenium	0.100	0.0986		mg/L		99	80 - 120
Silver	0.0500	0.0501		mg/L		100	80 - 120
Vanadium	0.500	0.481		mg/L		96	80 - 120

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-822509/2-A

Matrix: Solid

Analysis Batch: 822771

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822509

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	0.500	0.511		mg/L		102	80 - 120

Lab Sample ID: LCS 500-822645/2-A

Matrix: Solid

Analysis Batch: 823048

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822645

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.100	0.0982		mg/L		98	80 - 120

Lab Sample ID: LCS 500-822645/2-A

Matrix: Solid

Analysis Batch: 823997

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822645

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	0.500	0.465		mg/L		93	80 - 120
Nickel	0.500	0.518		mg/L		104	80 - 120

Lab Sample ID: LCS 500-822646/2-A

Matrix: Solid

Analysis Batch: 823443

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822646

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.110		mg/L		110	80 - 120
Barium	0.500	0.507		mg/L		101	80 - 120
Beryllium	0.0500	0.0481		mg/L		96	80 - 120
Cadmium	0.0500	0.0529		mg/L		106	80 - 120
Chromium	0.200	0.207		mg/L		103	80 - 120
Cobalt	0.500	0.530		mg/L		106	80 - 120
Copper	0.250	0.269		mg/L		108	80 - 120
Iron	1.00	0.980		mg/L		98	80 - 120
Lead	0.100	0.107		mg/L		107	80 - 120
Manganese	0.500	0.479		mg/L		96	80 - 120
Nickel	0.500	0.523		mg/L		105	80 - 120
Selenium	0.100	0.114		mg/L		114	80 - 120
Silver	0.0500	0.0573		mg/L		115	80 - 120
Vanadium	0.500	0.519		mg/L		104	80 - 120

Lab Sample ID: LCS 500-822646/2-A

Matrix: Solid

Analysis Batch: 823557

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822646

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.904		mg/L		90	80 - 120
Zinc	0.500	0.614	*+	mg/L		123	80 - 120

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-822696/1-A

Matrix: Solid

Analysis Batch: 823443

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 822696

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.0		2.0	0.39	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Arsenic	<1.0		1.0	0.34	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Barium	<1.0		1.0	0.11	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Beryllium	<0.40		0.40	0.093	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Boron	0.478	J	5.0	0.47	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Cadmium	<0.20		0.20	0.036	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Chromium	<1.0		1.0	0.50	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Copper	<1.0		1.0	0.28	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Iron	<20		20	10	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Magnesium	<10		10	5.0	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Nickel	<1.0		1.0	0.29	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Selenium	<1.0		1.0	0.59	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Silver	<0.50		0.50	0.13	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Thallium	<1.0		1.0	0.50	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Vanadium	<0.50		0.50	0.12	mg/Kg		06/20/25 16:12	06/26/25 02:20	1

Lab Sample ID: MB 500-822696/1-A

Matrix: Solid

Analysis Batch: 823757

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 822696

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	<0.50		0.50	0.13	mg/Kg		06/20/25 16:12	06/27/25 12:59	1
Lead	<0.50		0.50	0.23	mg/Kg		06/20/25 16:12	06/27/25 12:59	1
Manganese	<1.0		1.0	0.15	mg/Kg		06/20/25 16:12	06/27/25 12:59	1
Zinc	0.977	J	2.0	0.88	mg/Kg		06/20/25 16:12	06/27/25 12:59	1

Lab Sample ID: LCS 500-822696/2-A

Matrix: Solid

Analysis Batch: 823443

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822696

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	50.0	46.7		mg/Kg		93	80 - 120
Arsenic	10.0	9.43		mg/Kg		94	80 - 120
Barium	200	201		mg/Kg		100	80 - 120
Beryllium	5.00	4.48		mg/Kg		90	80 - 120
Boron	100	97.9		mg/Kg		98	80 - 120
Cadmium	5.00	5.02		mg/Kg		100	80 - 120
Chromium	20.0	20.6		mg/Kg		103	80 - 120
Copper	25.0	23.9		mg/Kg		96	80 - 120
Iron	100	111		mg/Kg		111	80 - 120
Magnesium	1000	1030		mg/Kg		103	80 - 120
Nickel	50.0	52.7		mg/Kg		105	80 - 120
Selenium	10.0	8.45		mg/Kg		85	80 - 120
Silver	5.00	4.68		mg/Kg		94	80 - 120
Thallium	10.0	10.6		mg/Kg		106	80 - 120
Vanadium	50.0	51.1		mg/Kg		102	80 - 120

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-822696/2-A

Matrix: Solid

Analysis Batch: 823757

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822696

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cobalt	50.0	48.5		mg/Kg		97	80 - 120
Lead	10.0	9.97		mg/Kg		100	80 - 120
Manganese	50.0	48.5		mg/Kg		97	80 - 120
Zinc	50.0	48.5		mg/Kg		97	80 - 120

Lab Sample ID: MB 500-822697/1-A

Matrix: Solid

Analysis Batch: 823785

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 822697

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.0		2.0	0.39	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Arsenic	<1.0		1.0	0.34	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Barium	<1.0		1.0	0.11	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Beryllium	<0.40		0.40	0.093	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Boron	<5.0		5.0	0.47	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Cadmium	<0.20		0.20	0.036	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Chromium	<1.0		1.0	0.50	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Cobalt	<0.50		0.50	0.13	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Copper	<1.0		1.0	0.28	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Iron	<20		20	10	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Lead	<0.50		0.50	0.23	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Magnesium	<10		10	5.0	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Manganese	<1.0		1.0	0.15	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Nickel	<1.0		1.0	0.29	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Thallium	<1.0		1.0	0.50	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Vanadium	<0.50		0.50	0.12	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Zinc	0.953	J	2.0	0.88	mg/Kg		06/20/25 16:13	06/27/25 21:43	1

Lab Sample ID: MB 500-822697/1-A

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 822697

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	<1.0		1.0	0.59	mg/Kg		06/20/25 16:13	06/30/25 11:43	1
Silver	<0.50		0.50	0.13	mg/Kg		06/20/25 16:13	06/30/25 11:43	1

Lab Sample ID: LCS 500-822697/2-A

Matrix: Solid

Analysis Batch: 823785

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	50.0	48.2		mg/Kg		96	80 - 120
Arsenic	10.0	9.97		mg/Kg		100	80 - 120
Barium	200	205		mg/Kg		102	80 - 120
Beryllium	5.00	5.14		mg/Kg		103	80 - 120
Boron	100	103		mg/Kg		103	80 - 120
Cadmium	5.00	4.95		mg/Kg		99	80 - 120
Chromium	20.0	20.6		mg/Kg		103	80 - 120
Cobalt	50.0	50.2		mg/Kg		100	80 - 120

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-822697/2-A

Matrix: Solid

Analysis Batch: 823785

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Copper	25.0	26.1		mg/Kg		104	80 - 120
Iron	100	102		mg/Kg		102	80 - 120
Lead	10.0	9.96		mg/Kg		100	80 - 120
Magnesium	1000	1010		mg/Kg		101	80 - 120
Manganese	50.0	48.8		mg/Kg		98	80 - 120
Nickel	50.0	51.4		mg/Kg		103	80 - 120
Thallium	10.0	10.4		mg/Kg		104	80 - 120
Vanadium	50.0	50.1		mg/Kg		100	80 - 120
Zinc	50.0	54.2		mg/Kg		108	80 - 120

Lab Sample ID: LCS 500-822697/2-A

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	10.0	9.37		mg/Kg		94	80 - 120
Silver	5.00	4.49		mg/Kg		90	80 - 120

Lab Sample ID: 500-270096-16 MS

Matrix: Solid

Analysis Batch: 823785

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<1.2	F1	29.1	6.76	F1	mg/Kg	✱	23	75 - 125
Arsenic	7.2	F1 F2	5.81	11.0	F1	mg/Kg	✱	66	75 - 125
Barium	49	F2	116	138		mg/Kg	✱	77	75 - 125
Beryllium	0.79		2.91	3.23		mg/Kg	✱	84	75 - 125
Boron	21		58.1	72.3		mg/Kg	✱	88	75 - 125
Cadmium	0.13		2.91	2.44		mg/Kg	✱	80	75 - 125
Chromium	23		11.6	33.5		mg/Kg	✱	95	75 - 125
Cobalt	12	F1 F2	29.1	37.6		mg/Kg	✱	90	75 - 125
Copper	21		14.5	31.8		mg/Kg	✱	76	75 - 125
Iron	20000		58.1	19300	4	mg/Kg	✱	-2000	75 - 125
Magnesium	26000		581	24600	4	mg/Kg	✱	-249	75 - 125
Manganese	290	F2	29.1	286	4	mg/Kg	✱	-32	75 - 125
Nickel	32	F1 F2	29.1	57.0		mg/Kg	✱	85	75 - 125
Thallium	0.46	J	5.81	5.78		mg/Kg	✱	91	75 - 125
Vanadium	29		29.1	56.5		mg/Kg	✱	95	75 - 125
Zinc	70	B	29.1	94.5		mg/Kg	✱	83	75 - 125

Lab Sample ID: 500-270096-16 MS

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	<0.59		5.81	4.37		mg/Kg	✱	75	75 - 125
Silver	<0.29	L F1	2.91	1.36	F1	mg/Kg	✱	47	75 - 125

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: 500-270096-16 MS

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	14		5.81	19.1		mg/Kg	✱	82	75 - 125

Lab Sample ID: 500-270096-16 MSD

Matrix: Solid

Analysis Batch: 823785

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<1.2	F1	29.5	6.64	F1	mg/Kg	✱	22	75 - 125	2	20
Arsenic	7.2	F1 F2	5.90	15.2	F1 F2	mg/Kg	✱	135	75 - 125	32	20
Barium	49	F2	118	173	F2	mg/Kg	✱	105	75 - 125	22	20
Beryllium	0.79		2.95	3.31		mg/Kg	✱	85	75 - 125	2	20
Boron	21		59.0	71.4		mg/Kg	✱	85	75 - 125	1	20
Cadmium	0.13		2.95	2.51		mg/Kg	✱	81	75 - 125	2	20
Chromium	23		11.8	34.0		mg/Kg	✱	97	75 - 125	1	20
Cobalt	12	F1 F2	29.5	52.4	F1 F2	mg/Kg	✱	138	75 - 125	33	20
Copper	21		14.8	34.8		mg/Kg	✱	96	75 - 125	9	20
Iron	20000		59.0	23500	4	mg/Kg	✱	5146	75 - 125	20	20
Magnesium	26000		590	24900	4	mg/Kg	✱	-196	75 - 125	1	20
Manganese	290	F2	29.5	553	4 F2	mg/Kg	✱	875	75 - 125	64	20
Nickel	32	F1 F2	29.5	80.7	F1 F2	mg/Kg	✱	164	75 - 125	35	20
Thallium	0.46	J	5.90	6.20		mg/Kg	✱	97	75 - 125	7	20
Vanadium	29		29.5	58.9		mg/Kg	✱	101	75 - 125	4	20
Zinc	70	B	29.5	104		mg/Kg	✱	113	75 - 125	9	20

Lab Sample ID: 500-270096-16 MSD

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Selenium	<0.59		5.90	4.56		mg/Kg	✱	77	75 - 125	4	20
Silver	<0.29	L F1	2.95	1.13	F1	mg/Kg	✱	38	75 - 125	18	20

Lab Sample ID: 500-270096-16 MSD

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	14		5.90	21.4		mg/Kg	✱	120	75 - 125	11	20

Lab Sample ID: 500-270096-16 DU

Matrix: Solid

Analysis Batch: 823785

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<1.2	F1	<1.1		mg/Kg	✱	NC	20
Arsenic	7.2	F1 F2	7.21		mg/Kg	✱	0.3	20
Barium	49	F2	47.4		mg/Kg	✱	2	20
Beryllium	0.79		0.756		mg/Kg	✱	5	20
Boron	21		18.6		mg/Kg	✱	12	20

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: 500-270096-16 DU

Matrix: Solid

Analysis Batch: 823785

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Cadmium	0.13		0.122		mg/Kg	✱	5	20
Chromium	23		21.7		mg/Kg	✱	4	20
Cobalt	12	F1 F2	17.4	F3	mg/Kg	✱	40	20
Copper	21		21.5		mg/Kg	✱	4	20
Iron	20000		19900		mg/Kg	✱	3	20
Magnesium	26000		22100		mg/Kg	✱	16	20
Manganese	290	F2	366	F3	mg/Kg	✱	22	20
Nickel	32	F1 F2	36.9		mg/Kg	✱	13	20
Thallium	0.46	J	0.550	J	mg/Kg	✱	18	20
Vanadium	29		27.3		mg/Kg	✱	6	20
Zinc	70	B	68.8		mg/Kg	✱	2	20

Lab Sample ID: 500-270096-16 DU

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Selenium	<0.59		<0.56		mg/Kg	✱	NC	20
Silver	<0.29	L F1	<0.28	L	mg/Kg	✱	NC	20

Lab Sample ID: 500-270096-16 DU

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Lead	14		14.7		mg/Kg	✱	2	20

Lab Sample ID: MB 500-822848/1-A

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 822848

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	<1.0		1.0	0.59	mg/Kg		06/23/25 08:59	06/30/25 19:27	1
Silver	0.155	J	0.50	0.13	mg/Kg		06/23/25 08:59	06/30/25 19:27	1

Lab Sample ID: LCS 500-822848/2-A

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822848

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	10.0	9.31		mg/Kg		93	80 - 120
Silver	5.00	4.23		mg/Kg		85	80 - 120

Lab Sample ID: LB 500-822250/1-B

Matrix: Solid

Analysis Batch: 822771

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 822509

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00721	J	0.010	0.0037	mg/L		06/19/25 15:35	06/20/25 16:15	1
Barium	0.00284	J	0.010	0.0012	mg/L		06/19/25 15:35	06/20/25 16:15	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LB 500-822250/1-B

Matrix: Solid

Analysis Batch: 822771

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 822509

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.0040		0.0040	0.00089	mg/L		06/19/25 15:35	06/20/25 16:15	1
Boron	<0.50		0.50	0.0056	mg/L		06/19/25 15:35	06/20/25 16:15	1
Cadmium	<0.0050		0.0050	0.00043	mg/L		06/19/25 15:35	06/20/25 16:15	1
Chromium	0.00235	J	0.010	0.0017	mg/L		06/19/25 15:35	06/20/25 16:15	1
Cobalt	<0.0050		0.0050	0.00078	mg/L		06/19/25 15:35	06/20/25 16:15	1
Copper	<0.010		0.010	0.0018	mg/L		06/19/25 15:35	06/20/25 16:15	1
Iron	0.0957	J	0.40	0.082	mg/L		06/19/25 15:35	06/20/25 16:15	1
Lead	<0.0075		0.0075	0.0027	mg/L		06/19/25 15:35	06/20/25 16:15	1
Manganese	<0.010		0.010	0.0023	mg/L		06/19/25 15:35	06/20/25 16:15	1
Nickel	<0.010		0.010	0.0048	mg/L		06/19/25 15:35	06/20/25 16:15	1
Selenium	0.00570	J	0.050	0.0053	mg/L		06/19/25 15:35	06/20/25 16:15	1
Silver	<0.0050		0.0050	0.0015	mg/L		06/19/25 15:35	06/20/25 16:15	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		06/19/25 15:35	06/20/25 16:15	1
Zinc	<0.50		0.50	0.0050	mg/L		06/19/25 15:35	06/20/25 16:15	1

Lab Sample ID: LB 500-822394/1-B

Matrix: Solid

Analysis Batch: 823443

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 822646

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.010	0.0037	mg/L		06/20/25 13:17	06/26/25 00:09	1
Barium	0.00300	J	0.010	0.0012	mg/L		06/20/25 13:17	06/26/25 00:09	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		06/20/25 13:17	06/26/25 00:09	1
Cadmium	<0.0050		0.0050	0.00043	mg/L		06/20/25 13:17	06/26/25 00:09	1
Chromium	0.00189	J	0.010	0.0017	mg/L		06/20/25 13:17	06/26/25 00:09	1
Cobalt	<0.0050		0.0050	0.00078	mg/L		06/20/25 13:17	06/26/25 00:09	1
Copper	<0.010		0.010	0.0018	mg/L		06/20/25 13:17	06/26/25 00:09	1
Iron	<0.40		0.40	0.082	mg/L		06/20/25 13:17	06/26/25 00:09	1
Lead	<0.0075		0.0075	0.0027	mg/L		06/20/25 13:17	06/26/25 00:09	1
Manganese	<0.010		0.010	0.0023	mg/L		06/20/25 13:17	06/26/25 00:09	1
Nickel	<0.010		0.010	0.0048	mg/L		06/20/25 13:17	06/26/25 00:09	1
Selenium	0.00623	J	0.050	0.0053	mg/L		06/20/25 13:17	06/26/25 00:09	1
Silver	<0.0050		0.0050	0.0015	mg/L		06/20/25 13:17	06/26/25 00:09	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		06/20/25 13:17	06/26/25 00:09	1

Lab Sample ID: LB 500-822394/1-B

Matrix: Solid

Analysis Batch: 823557

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 822646

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.50		0.50	0.0056	mg/L		06/20/25 13:17	06/26/25 14:24	1
Zinc	<0.50		0.50	0.0050	mg/L		06/20/25 13:17	06/26/25 14:24	1

Lab Sample ID: LB 500-822251/1-B

Matrix: Solid

Analysis Batch: 822772

Client Sample ID: Method Blank

Prep Type: SPLP East

Prep Batch: 822485

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.0075		0.0075	0.0027	mg/L		06/19/25 13:59	06/20/25 15:29	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LB 500-822251/1-B

Matrix: Solid

Analysis Batch: 822772

Client Sample ID: Method Blank

Prep Type: SPLP East

Prep Batch: 822485

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	<0.010		0.010	0.0023	mg/L		06/19/25 13:59	06/20/25 15:29	1
Nickel	<0.010		0.010	0.0048	mg/L		06/19/25 13:59	06/20/25 15:29	1

Lab Sample ID: LB 500-822412/1-B

Matrix: Solid

Analysis Batch: 823048

Client Sample ID: Method Blank

Prep Type: SPLP East

Prep Batch: 822645

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.0075		0.0075	0.0027	mg/L		06/20/25 13:15	06/24/25 00:58	1

Lab Sample ID: LB 500-822412/1-B

Matrix: Solid

Analysis Batch: 823997

Client Sample ID: Method Blank

Prep Type: SPLP East

Prep Batch: 822645

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	<0.010		0.010	0.0023	mg/L		06/20/25 13:15	07/01/25 02:52	1
Nickel	<0.010		0.010	0.0048	mg/L		06/20/25 13:15	07/01/25 02:52	1

Lab Sample ID: 500-270096-15 MS

Matrix: Solid

Analysis Batch: 823048

Client Sample ID: 3641V-08-B01 (0-2)

Prep Type: SPLP East

Prep Batch: 822645

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.070		0.100	0.175		mg/L		105	75 - 125

Lab Sample ID: 500-270096-15 MS

Matrix: Solid

Analysis Batch: 823997

Client Sample ID: 3641V-08-B01 (0-2)

Prep Type: SPLP East

Prep Batch: 822645

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	0.53		0.500	1.01		mg/L		96	75 - 125
Nickel	0.23		0.500	0.763		mg/L		107	75 - 125

Lab Sample ID: 500-270096-15 DU

Matrix: Solid

Analysis Batch: 823048

Client Sample ID: 3641V-08-B01 (0-2)

Prep Type: SPLP East

Prep Batch: 822645

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Lead	0.070		0.0762		mg/L		9	20

Lab Sample ID: 500-270096-15 DU

Matrix: Solid

Analysis Batch: 823997

Client Sample ID: 3641V-08-B01 (0-2)

Prep Type: SPLP East

Prep Batch: 822645

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Manganese	0.53		0.618		mg/L		16	20
Nickel	0.23		0.255		mg/L		11	20

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: LCS 500-822509/2-A

Matrix: Solid

Analysis Batch: 823349

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822509

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.566		mg/L		113	80 - 120
Thallium	0.100	0.107		mg/L		107	80 - 120

Lab Sample ID: LCS 500-822646/2-A

Matrix: Solid

Analysis Batch: 823349

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822646

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.577		mg/L		115	80 - 120
Thallium	0.100	0.108		mg/L		108	80 - 120

Lab Sample ID: LB 500-822250/1-B

Matrix: Solid

Analysis Batch: 823349

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 822509

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0060	mg/L		06/19/25 15:35	06/25/25 12:12	1
Thallium	<0.0020		0.0020	0.0020	mg/L		06/19/25 15:35	06/25/25 12:12	1

Lab Sample ID: LB 500-822394/1-B

Matrix: Solid

Analysis Batch: 823349

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 822646

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0060	mg/L		06/20/25 13:17	06/25/25 13:50	1
Thallium	<0.0020		0.0020	0.0020	mg/L		06/20/25 13:17	06/25/25 13:50	1

Method: 7470A - Mercury

Lab Sample ID: MB 500-822891/12-A

Matrix: Solid

Analysis Batch: 823110

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 822891

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/23/25 11:05	06/24/25 10:29	1

Lab Sample ID: LCS 500-822891/14-A

Matrix: Solid

Analysis Batch: 823110

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822891

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00227		mg/L		114	80 - 120

Lab Sample ID: MB 500-823094/12-A

Matrix: Solid

Analysis Batch: 823301

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 823094

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/24/25 11:05	06/25/25 11:25	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Method: 7470A - Mercury (Continued)

Lab Sample ID: LCS 500-823094/14-A
Matrix: Solid
Analysis Batch: 823301

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 823094

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00201		mg/L		101	80 - 120

Lab Sample ID: MB 500-823485/12-A
Matrix: Solid
Analysis Batch: 823684

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 823485

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/26/25 11:10	06/27/25 09:19	1

Lab Sample ID: LCS 500-823485/14-A
Matrix: Solid
Analysis Batch: 823684

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 823485

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00182		mg/L		91	80 - 120

Lab Sample ID: LB 500-822250/1-C
Matrix: Solid
Analysis Batch: 823110

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 822891

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000296		0.00020	0.00020	mg/L		06/23/25 11:05	06/24/25 10:31	1

Lab Sample ID: LB 500-822394/1-C
Matrix: Solid
Analysis Batch: 823301

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 823094

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000214		0.00020	0.00020	mg/L		06/24/25 11:05	06/25/25 12:08	1

Lab Sample ID: LB 500-822250/1-D
Matrix: Solid
Analysis Batch: 823684

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 823485

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000227		0.00020	0.00020	mg/L		06/26/25 11:10	06/27/25 09:50	1

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 500-823672/12-A
Matrix: Solid
Analysis Batch: 823885

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 823672

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.017		0.017	0.0069	mg/Kg		06/27/25 14:00	06/30/25 08:21	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823672/13-A

Matrix: Solid

Analysis Batch: 823885

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823672

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.167	0.153		mg/Kg		92	80 - 120

Lab Sample ID: 500-270096-9 MS

Matrix: Solid

Analysis Batch: 823885

Client Sample ID: 3641V-05-B02 (5-10)

Prep Type: Total/NA

Prep Batch: 823672

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.021		0.0872	0.120		mg/Kg	✱	114	75 - 125

Lab Sample ID: 500-270096-9 MSD

Matrix: Solid

Analysis Batch: 823885

Client Sample ID: 3641V-05-B02 (5-10)

Prep Type: Total/NA

Prep Batch: 823672

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.021		0.0887	0.118		mg/Kg	✱	110	75 - 125	2	20

Lab Sample ID: 500-270096-9 DU

Matrix: Solid

Analysis Batch: 823885

Client Sample ID: 3641V-05-B02 (5-10)

Prep Type: Total/NA

Prep Batch: 823672

Analyte	Sample Result	Sample Qualifier	Spike Added	DU Result	DU Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.021			0.0155	J F5	mg/Kg	✱			28	20

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

Lab Sample ID: MB 500-822449/1-A

Matrix: Solid

Analysis Batch: 822763

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 822449

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.24		0.24	0.12	mg/Kg		06/19/25 13:17	06/19/25 16:39	1

Lab Sample ID: LCS 500-822449/2-A

Matrix: Solid

Analysis Batch: 822763

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822449

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	2.40	2.30		mg/Kg		96	85 - 115

Lab Sample ID: 500-270096-1 MS

Matrix: Solid

Analysis Batch: 822763

Client Sample ID: 3641V-01-B02 (0-7)

Prep Type: Total/NA

Prep Batch: 822449

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	<0.25		2.50	2.45		mg/Kg	✱	98	75 - 125

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: 500-270096-1 MSD

Matrix: Solid

Analysis Batch: 822763

Client Sample ID: 3641V-01-B02 (0-7)

Prep Type: Total/NA

Prep Batch: 822449

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	<0.25		2.57	2.52		mg/Kg	✱	98	75 - 125	3	20

Lab Sample ID: 500-270096-15 MS

Matrix: Solid

Analysis Batch: 822763

Client Sample ID: 3641V-08-B01 (0-2)

Prep Type: Total/NA

Prep Batch: 822449

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	<0.26	F1 F2	2.68	1.28	F1	mg/Kg	✱	48	75 - 125		

Lab Sample ID: 500-270096-15 MSD

Matrix: Solid

Analysis Batch: 822763

Client Sample ID: 3641V-08-B01 (0-2)

Prep Type: Total/NA

Prep Batch: 822449

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	<0.26	F1 F2	2.59	0.337	F1 F2	mg/Kg	✱	13	75 - 125	117	20

Method: 9045D - pH

Lab Sample ID: 500-270096-14 DU

Matrix: Solid

Analysis Batch: 822679

Client Sample ID: 3641V-10-B01 (0-2)

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	8.3		8.0		SU		3	5

Lab Sample ID: 500-270096-14 DU

Matrix: Solid

Analysis Batch: 822833

Client Sample ID: 3641V-10-B01 (0-2)

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	8.3		8.0		SU		3	5

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-01-B02 (0-7)

Lab Sample ID: 500-270096-1

Date Collected: 06/16/25 10:45

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:22
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		5	823048	S1Z	EET CHI	06/23/25 23:29
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:10
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 12:45
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 10:53
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:25
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-01-B02 (0-7)

Lab Sample ID: 500-270096-1

Date Collected: 06/16/25 10:45

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 14:36
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 19:10
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/27/25 22:36
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 17:31
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 17:35
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:24
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:41

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Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-01-B02 (7-13)

Lab Sample ID: 500-270096-2

Date Collected: 06/16/25 10:50

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:26
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		5	823048	S1Z	EET CHI	06/23/25 23:33
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:23
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 12:49
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 10:55
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:27
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-01-B02 (7-13)

Lab Sample ID: 500-270096-2

Date Collected: 06/16/25 10:50

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 15:02
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 12:36
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/28/25 01:36
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 21:15
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 21:20
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:26
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:43

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-01-B01 (0-3)

Lab Sample ID: 500-270096-3

Date Collected: 06/16/25 11:05

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:31
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:28
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 12:53
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 10:57
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:30
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-01-B01 (0-3)

Lab Sample ID: 500-270096-3

Date Collected: 06/16/25 11:05

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 86.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823845	PMF	EET CHI	06/30/25 12:15
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 17:32
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/28/25 01:40
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 21:24
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 21:28
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:28
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:44

Client Sample ID: 3641V-05-B01 (0-5)

Lab Sample ID: 500-270096-4

Date Collected: 06/16/25 11:10

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:35

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B01 (0-5)

Lab Sample ID: 500-270096-4

Date Collected: 06/16/25 11:10

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		5	823048	S1Z	EET CHI	06/23/25 23:38
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:32
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 12:57
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 10:59
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:34
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B01 (0-5)

Lab Sample ID: 500-270096-4

Date Collected: 06/16/25 11:10

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 15:52
Total/NA	Prep	3546			823337	LH	EET CHI	06/25/25 14:04
Total/NA	Analysis	8270E		1	823422	GLR	EET CHI	06/26/25 12:50
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/28/25 01:45
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 21:33
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 21:37
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:30
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:45

Client Sample ID: 3641V-05-B01 (5-10)

Lab Sample ID: 500-270096-5

Date Collected: 06/16/25 11:15

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:39

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B01 (5-10)

Lab Sample ID: 500-270096-5

Date Collected: 06/16/25 11:15

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		5	823048	S1Z	EET CHI	06/23/25 23:42
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:37
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:01
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:01
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:37
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B01 (5-10)

Lab Sample ID: 500-270096-5

Date Collected: 06/16/25 11:15

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 16:17
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 13:01
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/28/25 01:49
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 21:42
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 21:46
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:31
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:46

Client Sample ID: 3641V-05-B01 (10-15)

Lab Sample ID: 500-270096-6

Date Collected: 06/16/25 11:20

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:44

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B01 (10-15)

Lab Sample ID: 500-270096-6

Date Collected: 06/16/25 11:20

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:42
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:05
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:03
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:39
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B01 (10-15)

Lab Sample ID: 500-270096-6

Date Collected: 06/16/25 11:20

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 16:43
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 19:59
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/28/25 01:54
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 21:59
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		10	823996	S1Z	EET CHI	06/30/25 22:03
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:33
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:46

Client Sample ID: 3641V-05-B02 (0-5)

Lab Sample ID: 500-270096-7

Date Collected: 06/16/25 11:35

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:48
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		5	823048	S1Z	EET CHI	06/23/25 23:47

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B02 (0-5)

Lab Sample ID: 500-270096-7

Date Collected: 06/16/25 11:35

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:46
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:09
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:04
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:42
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B02 (0-5)

Lab Sample ID: 500-270096-7

Date Collected: 06/16/25 11:35

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 17:08
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 13:25
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/28/25 01:58
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 22:08
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		5	824132	SJ	EET CHI	07/01/25 12:21
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:35
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:49

Client Sample ID: 3641V-05-B02 (0-5)D

Lab Sample ID: 500-270096-8

Date Collected: 06/16/25 11:40

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:52
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:51

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B02 (0-5)D

Lab Sample ID: 500-270096-8

Date Collected: 06/16/25 11:40

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:14
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:06
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:47
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B02 (0-5)D

Lab Sample ID: 500-270096-8

Date Collected: 06/16/25 11:40

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 17:33
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 14:14
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/28/25 02:03
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 22:12
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		5	824132	SJ	EET CHI	07/01/25 12:25
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:43
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:50

Client Sample ID: 3641V-05-B02 (5-10)

Lab Sample ID: 500-270096-9

Date Collected: 06/16/25 11:45

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:56
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:55
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:26

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B02 (5-10)

Lab Sample ID: 500-270096-9

Date Collected: 06/16/25 11:45

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:08
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:44
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B02 (5-10)

Lab Sample ID: 500-270096-9

Date Collected: 06/16/25 11:45

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823604	MM	EET CHI	06/27/25 14:27
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 17:56
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823757	S1Z	EET CHI	06/27/25 14:35
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823757	S1Z	EET CHI	06/27/25 15:54
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823767	S1Z	EET CHI	06/27/25 15:54
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823443	S1Z	EET CHI	06/26/25 04:02
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:45
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:51

Client Sample ID: 3641V-05-B03 (0-5)

Lab Sample ID: 500-270096-10

Date Collected: 06/16/25 11:55

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 17:01
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 18:00
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:30
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:10

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B03 (0-5)

Lab Sample ID: 500-270096-10

Date Collected: 06/16/25 11:55

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:49
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B03 (0-5)

Lab Sample ID: 500-270096-10

Date Collected: 06/16/25 11:55

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 83.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 12:03
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 18:21
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823757	S1Z	EET CHI	06/27/25 14:48
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823757	S1Z	EET CHI	06/27/25 15:58
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823767	S1Z	EET CHI	06/27/25 15:58
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823443	S1Z	EET CHI	06/26/25 04:06
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:52
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:51

Client Sample ID: 3641V-05-B03 (5-10)

Lab Sample ID: 500-270096-11

Date Collected: 06/16/25 12:00

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 17:14
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 18:05
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:34
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:16
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:52
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B03 (5-10)

Lab Sample ID: 500-270096-11

Date Collected: 06/16/25 12:00

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 12:28
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 18:46
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823757	S1Z	EET CHI	06/27/25 14:52
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823757	S1Z	EET CHI	06/27/25 16:02
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823767	S1Z	EET CHI	06/27/25 16:02
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823443	S1Z	EET CHI	06/26/25 04:10
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:54
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:53

Client Sample ID: 3641V-05-B04 (0-2)

Lab Sample ID: 500-270096-12

Date Collected: 06/16/25 12:05

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 17:18
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 18:18
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:38
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			823485	MJG	EET CHI	06/26/25 11:10 - 06/26/25 13:10 ¹
TCLP	Analysis	7470A		1	823684	MJG	EET CHI	06/27/25 09:55
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:54
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B04 (0-2)

Lab Sample ID: 500-270096-12

Date Collected: 06/16/25 12:05

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 12:54

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Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B04 (0-2)

Lab Sample ID: 500-270096-12

Date Collected: 06/16/25 12:05

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 15:53
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823757	S1Z	EET CHI	06/27/25 14:57
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823767	S1Z	EET CHI	06/27/25 16:07
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823443	S1Z	EET CHI	06/26/25 04:15
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:56
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:53

Client Sample ID: 3641V-09-B01 (0-2)

Lab Sample ID: 500-270096-13

Date Collected: 06/16/25 12:10

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 17:23
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 18:23
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:42
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:20
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:57
Total/NA	Analysis	Moisture		1	822310	RB	EET CHI	06/18/25 15:36

Client Sample ID: 3641V-09-B01 (0-2)

Lab Sample ID: 500-270096-13

Date Collected: 06/16/25 12:10

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 13:19
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 16:18
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823757	S1Z	EET CHI	06/27/25 15:01

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-09-B01 (0-2)

Lab Sample ID: 500-270096-13

Date Collected: 06/16/25 12:10

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823767	S1Z	EET CHI	06/27/25 16:11
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823443	S1Z	EET CHI	06/26/25 04:19
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:57
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:53

Client Sample ID: 3641V-10-B01 (0-2)

Lab Sample ID: 500-270096-14

Date Collected: 06/16/25 12:15

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 17:27
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 18:27
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:46
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:21
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 14:01
Total/NA	Analysis	Moisture		1	822310	RB	EET CHI	06/18/25 15:36

Client Sample ID: 3641V-10-B01 (0-2)

Lab Sample ID: 500-270096-14

Date Collected: 06/16/25 12:15

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 13:45
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 14:39
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823757	S1Z	EET CHI	06/27/25 15:06
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	824227	S1Z	EET CHI	07/01/25 18:19
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823443	S1Z	EET CHI	06/26/25 04:33

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-10-B01 (0-2)

Lab Sample ID: 500-270096-14

Date Collected: 06/16/25 12:15

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:59
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:55

Client Sample ID: 3641V-08-B01 (0-2)

Lab Sample ID: 500-270096-15

Date Collected: 06/16/25 12:20

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822412	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
SPLP East	Prep	3010A			822645	MS	EET CHI	06/20/25 13:15 - 06/20/25 19:15 ¹
SPLP East	Analysis	6010D		1	823997	SJ	EET CHI	07/01/25 03:00
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823443	S1Z	EET CHI	06/25/25 16:19
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823557	S1Z	EET CHI	06/26/25 14:33
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 14:07
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	7470A			823094	MJG	EET CHI	06/24/25 11:05 - 06/24/25 13:05 ¹
TCLP	Analysis	7470A		1	823301	MJG	EET CHI	06/25/25 12:10
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 14:06
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-08-B01 (0-2)

Lab Sample ID: 500-270096-15

Date Collected: 06/16/25 12:20

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823604	MM	EET CHI	06/27/25 14:55
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 19:35
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823757	S1Z	EET CHI	06/27/25 15:10
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823757	S1Z	EET CHI	06/27/25 16:15
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823767	S1Z	EET CHI	06/27/25 16:15
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823443	S1Z	EET CHI	06/26/25 04:37

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-08-B01 (0-2)

Lab Sample ID: 500-270096-15

Date Collected: 06/16/25 12:20

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 09:06
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:55

Client Sample ID: 3641V-06-B02 (0-2)

Lab Sample ID: 500-270096-16

Date Collected: 06/16/25 12:25

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822412	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
SPLP East	Prep	3010A			822645	MS	EET CHI	06/20/25 13:15 - 06/20/25 19:15 ¹
SPLP East	Analysis	6010D		1	823997	SJ	EET CHI	07/01/25 03:18
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823443	S1Z	EET CHI	06/25/25 16:24
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823557	S1Z	EET CHI	06/26/25 14:52
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 14:11
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	7470A			823094	MJG	EET CHI	06/24/25 11:05 - 06/24/25 13:05 ¹
TCLP	Analysis	7470A		1	823301	MJG	EET CHI	06/25/25 12:12
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 14:09
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-06-B02 (0-2)

Lab Sample ID: 500-270096-16

Date Collected: 06/16/25 12:25

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 83.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823459	MM	EET CHI	06/26/25 18:44
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 16:42
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/27/25 21:52
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 16:04
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 16:08
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 09:08

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-06-B02 (0-2)

Lab Sample ID: 500-270096-16

Date Collected: 06/16/25 12:25

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 83.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 17:00

Client Sample ID: 3641V-06-B01 (0-2)

Lab Sample ID: 500-270096-17

Date Collected: 06/16/25 12:30

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822412	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
SPLP East	Prep	3010A			822645	MS	EET CHI	06/20/25 13:15 - 06/20/25 19:15 ¹
SPLP East	Analysis	6010D		1	823997	SJ	EET CHI	07/01/25 03:22
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823443	S1Z	EET CHI	06/25/25 16:28
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823557	S1Z	EET CHI	06/26/25 14:56
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 14:15
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	7470A			823094	MJG	EET CHI	06/24/25 11:05 - 06/24/25 13:05 ¹
TCLP	Analysis	7470A		1	823301	MJG	EET CHI	06/25/25 12:27
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 14:11
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-06-B01 (0-2)

Lab Sample ID: 500-270096-17

Date Collected: 06/16/25 12:30

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 88.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823459	MM	EET CHI	06/26/25 19:11
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 17:07
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/27/25 22:23
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 16:56
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 17:01
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 09:09
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 17:00

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-04-B02 (0-2)

Lab Sample ID: 500-270096-18

Date Collected: 06/16/25 12:35

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822412	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
SPLP East	Prep	3010A			822645	MS	EET CHI	06/20/25 13:15 - 06/20/25 19:15 ¹
SPLP East	Analysis	6010D		1	823997	SJ	EET CHI	07/01/25 03:26
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823443	S1Z	EET CHI	06/25/25 16:42
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823557	S1Z	EET CHI	06/26/25 15:01
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 14:19
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	7470A			823094	MJG	EET CHI	06/24/25 11:05 - 06/24/25 13:05 ¹
TCLP	Analysis	7470A		1	823301	MJG	EET CHI	06/25/25 12:29
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 14:14
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-04-B02 (0-2)

Lab Sample ID: 500-270096-18

Date Collected: 06/16/25 12:35

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823459	MM	EET CHI	06/26/25 19:38
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 15:04
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/27/25 22:27
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 17:05
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 17:09
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 09:11
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 17:01

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-04-B01 (0-2)

Lab Sample ID: 500-270096-19

Date Collected: 06/16/25 12:40

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822412	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
SPLP East	Prep	3010A			822645	MS	EET CHI	06/20/25 13:15 - 06/20/25 19:15 ¹
SPLP East	Analysis	6010D		1	823997	SJ	EET CHI	07/01/25 03:31
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823443	S1Z	EET CHI	06/25/25 16:46
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823557	S1Z	EET CHI	06/26/25 15:06
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 14:23
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	7470A			823094	MJG	EET CHI	06/24/25 11:05 - 06/24/25 13:05 ¹
TCLP	Analysis	7470A		1	823301	MJG	EET CHI	06/25/25 12:31
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 14:16
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-04-B01 (0-2)

Lab Sample ID: 500-270096-19

Date Collected: 06/16/25 12:40

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 89.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823459	MM	EET CHI	06/26/25 20:07
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 15:28
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/27/25 22:32
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 17:14
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 17:18
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 09:13
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 17:02

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-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Address _____

_____Regulatory Program. ☐ DW ☐ NPDES ☐ RCRA ☐ Other

Client Contact		Project Manager <u>J. Hughes</u>		Site Contact <u>T. Trujillo</u>		Date <u>6-16-25</u>		COC No <u>1</u> of <u>2</u> COCs		
Company Name <u>WSP</u>		Tel/Email		Lab Contact		Carrier		Sampler		
Address <u>30 N LaSalle St</u>		Analysis Turnaround Time ☒ CALENDAR DAYS ☐ WORKING DAYS TAT if different from Below _____ ☒ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Filtered Sample (Y/N) Perform MS/MSD (Y/N) VOCs SVOCs pH Y-Solids Total Metals TCLP &		 500-270096 COC		For Lab Use Only		
City/State/Zip <u>Chicago IL 60602</u>								Walk-in Client		
Phone								Lab Sampling		
Fax										
Project Name <u>WSP 11 W057A Hoffman Estates</u>								Job / SDG No		
Site <u>US-WSP-31463035.2676</u>								<u>500-270096</u>		
PO #										
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp G=Grab)	Matrix	# of Cont.	Sample Specific Notes			
1	3641V-01-B02 (0-7)	6/16/25	1045	G	S	2	/	/	/	/
2	3641V-01-B02 (7-13)		1050				/	/	/	/
3	3641V-01-B01 (0-3)		1105				/	/	/	/
4	3641V-05-B01 (0-5)		1110				/	/	/	/
5	3641V-05-B01 (5-10)		1115				/	/	/	/
6	3641V-05-B01 (10-15)		1120				/	/	/	/
7	3641V-05-B02 (0-5)		1135				/	/	/	/
8	3641V-05-B02 (0-5) Dup		1140				/	/	/	/
9	3641V-05-B02 (5-10)		1145				/	/	/	/
10	3641V-05-B03 (0-5)		1155				/	/	/	/
11	3641V-05-B03 (5-10)		1200				/	/	/	/
12	3641V-05-B04 (0-2)	V	1205				/	/	/	/
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other										
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample							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: <u>* SPLP analysis based on TCLP results</u>										
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No		Cooler Temp (°C) Obs'd		Corr'd		Therm ID No		
Relinquished by <u>707717</u>		Company <u>WSP</u>		Date/Time <u>6-16-25</u>		Received by		Company		Date/Time
Relinquished by		Company		Date/Time <u>1440</u>		Received by		Company		Date/Time
Relinquished by		Company		Date/Time		Received in Laboratory by <u>Adrian Kuy</u>		Company <u>FEETA</u>		Date/Time <u>06/16/25 1440</u>

Address _____

_____Regulatory Program. ☐ DW ☐ NPDES ☐ RCRA ☐ Other: _____

Client Contact		Project Manager		Site Contact		Date		COC No						
Company Name		Tel/Email		Lab Contact		Carrier		2 of 2 COCs						
Address		Analysis Turnaround Time						Sampler						
City/State/Zip		☒ CALENDAR DAYS ☐ WORKING DAYS						For Lab Use Only.						
Phone		TAT if different from Below						Walk-in Client						
Fax		☒ 2 weeks						Lab Sampling						
Project Name		☐ 1 week						Job / SDG No						
Site		☐ 2 days						500-270096						
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)	VOCs	SVOCs	pH	Solids	Total Metals	TCLP	Sample Specific Notes
3641V-09-B01 (0-2)	6/16/25	1210	G	S	2			/	/	/	/	/	/	
3641V-10-B01 (0-2)		1215						/	/	/	/	/	/	
3641V-08-B01 (0-2)		1220						/	/	/	/	/	/	
3641V-06-B02 (0-2)		1225						/	/	/	/	/	/	
3641V-06-B01 (0-2)		1230						/	/	/	/	/	/	
3641V-04-B02 (0-4)		1235						/	/	/	/	/	/	
3641V-04-B01 (0-2)		1240						/	/	/	/	/	/	
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other														
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)								
☐ 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			Company			Date/Time			Received by			Company		
Relinquished by			Company			Date/Time			Received by			Company		
Relinquished by			Company			Date/Time			Received in Laboratory by			Company		

Login Sample Receipt Checklist

Client: WSP USA Inc

Job Number: 500-270096-1

Login Number: 270096

List Source: Eurofins Chicago

List Number: 1

Creator: Scott, Sherri L

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	Received same day of collection; chilling process has begun.
Cooler Temperature is recorded.	True	9.9,12.6,10.4
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 <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: FAP 341 (IL 72) Office Phone Number, if available: _____

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

1590 Caldwell Lane (ISGS #3641V-8)

City: Hoffman Estates State: IL Zip Code: 60169

County: Cook Township: Schaumburg

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

Latitude: 42.05305 Longitude: - 88.11894

(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.): 98

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 3641V-08-B01 was sampled within the construction zone adjacent to ISGS #3641V-8 (Residence). Refer to PSI Report for ISGS #3641V-8 (Residence) including Table 4-3, and Figure 4-1.

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

See attached data summary table and associated laboratory data package J270096-1 .

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

I, Thomas C. Campbell, P.E. (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: 115 W Washington St. Suite 1270S

City: Indianapolis State: IN Zip Code: 46204

Phone: (317) 972-1706

Thomas C. Campbell, P.E.

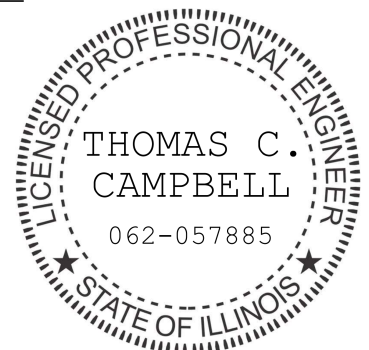
Printed Name:



Licensed Professional Engineer or
Licensed Professional Geologist Signature:

12/01/2025

Date:



Expires **11/30/2027**

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

Analytical Data Summary
PTB #196-002; Work Order 57A - IDOT Job # D-91-147-23

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 57A - IDOT Job # D-91-147-23

CONTAMINANTS OF CONCERN

SITE	ISGS #3641V-8 (Residence)	Comparison Criteria					
BORING	3641V-08-B01	MACs			TACO		
SAMPLE	3641V-08-B01 (0-2)	Most Stringent	Within an MSA	Within Chicago	Residential	Construction Worker	SCGIER
MATRIX	Soil						
DEPTH (feet)	0-2						
pH	8.5						
PID (meter units)	--						
VOCs (mg/kg)							
Carbon disulfide	0.0026 J	9	--	--	720	9	--
SVOCs (mg/kg)							
2-Methylnaphthalene	0.0073 J	--	--	--	--	--	--
Benzo(a)anthracene	0.017 J	0.9	1.8	11	1.8	170	--
Benzo(b)fluoranthene	0.038 J	0.9	2.1	13	2.1	170	--
Benzo(g,h,i)perylene	0.030 J	--	--	4.4	--	--	--
Chrysene	0.044	88	--	11	88	17,000	--
Fluoranthene	0.030 J	3,100	--	28	3,100	82,000	--
Phenanthrene	0.067	--	--	15	--	--	--
Pyrene	0.033 J	2,300	--	18	2,300	61,000	--
Inorganics (mg/kg)							
Arsenic	6.5	11.3	13	--	13	61	--
Barium	31	1,500	--	--	5,500	14,000	--
Beryllium	0.67	22	--	--	160	410	--
Boron	17	40	--	--	16,000	41,000	--
Cadmium	0.11	5.2	--	--	78	200	--
Chromium	17	21	--	--	230	690	--
Cobalt	8.0	20	--	--	4,700	12,000	--
Copper	21	2,900	--	--	2,900	8,200	--
Iron	24,000 †m	15,000	15,900	--	--	--	--
Lead	15	107	--	--	400	700	--
Magnesium	41,000	325,000	--	--	--	730,000	--
Manganese	290	630	636	--	1,600	4,100	--
Mercury	0.020	0.89	--	--	10	0.1	--
Nickel	28	100	--	--	1,600	4,100	--
Selenium	0.40 J	1.3	--	--	390	1,000	--
Thallium	1.4	2.6	--	--	6.3	160	--
Vanadium	20	550	--	--	550	1,400	--
Zinc	56	5,100	--	--	23,000	61,000	--
TCLP Metals (mg/L)							
Barium	0.31	--	--	--	--	--	2
Cadmium	0.0021 J	--	--	--	--	--	0.005
Cobalt	0.084	--	--	--	--	--	1
Copper	0.012	--	--	--	--	--	0.65
Lead	0.0054 J	--	--	--	--	--	0.0075
Manganese	1.3 L	--	--	--	--	--	0.15
Nickel	0.14 L	--	--	--	--	--	0.1
Zinc	0.0087 J+	--	--	--	--	--	5
SPLP Metals (mg/L)							
Manganese	0.53 L	--	--	--	--	--	0.15
Nickel	0.23 L	--	--	--	--	--	0.1

ANALYTICAL REPORT

PREPARED FOR

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

Generated 7/8/2025 5:29:22 PM Revision 1

JOB DESCRIPTION

IDOT - 196-002-WO57A IL 72 Hoffman Estates

JOB NUMBER

500-270096-1

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



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

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7/8/2025 5:29:22 PM
Revision 1

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Case Narrative

Client: WSP USA Inc
Project: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Job ID: 500-270096-1

Eurofins Chicago

Job Narrative 500-270096-1

Revision

The report being provided is a revision of the original report sent on 7/2/2025. The report (revision 1) is being revised to include more details on the narrative below for method 8260D..

Receipt

The samples were received on 6/16/2025 2:40 PM. 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 9.9° C, 10.4° C and 12.6° C.

GC/MS VOA

Method 8260D: Internal standard (1,4-Dichlorobenzene-d4) response was outside of acceptance limits for the following sample: 3641V-05-B01 (5-10) (500-270096-5), 3641V-05-B01 (10-15) (500-270096-6), 3641V-05-B02 (0-5) (500-270096-7), 3641V-05-B02 (0-5)D (500-270096-8), 3641V-05-B03 (0-5) (500-270096-10), 3641V-05-B03 (5-10) (500-270096-11), 3641V-05-B04 (0-2) (500-270096-12) and 3641V-09-B01 (0-2) (500-270096-13). The sample did not have detects of requested analytes using this internal standard. Surrogate 4-Bromofluorobenzene is also being quantitated with this internal standard.

Method 8260D: Surrogate recovery for the following samples were outside the upper control limit: 3641V-05-B01 (10-15) (500-270096-6), 3641V-05-B03 (0-5) (500-270096-10), 3641V-05-B03 (5-10) (500-270096-11) and 3641V-05-B04 (0-2) (500-270096-12). This sample did not contain any target analytes above the reporting limit; therefore, re-extraction and/or re-analysis was not performed.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 500-823459 was outside the method criteria for the following analyte(s): 2-hexanone,4-methyl-2-pentanone, acetone, 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 500-823459 recovered outside control limits for the following analytes: Chloromethane. These analytes were biased low in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: Surrogate recovery for the following sample was outside the upper control limit: 3641V-08-B01 (0-2) (500-270096-15). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 500-823604 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 laboratory control sample duplicate (LCSD) for analytical batch 500-823845 recovered outside control limits for the following analytes: Carbon tetrachloride. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.
(LCSD 500-823845/9)

Method 8260D: The following analyte(s) recovered outside control limits for the LCS associated with analytical batch 500-823222: Bromomethane. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.(LCS 500-823222/7)

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 500-823222 was outside the method criteria for the following analyte(s): carbon disulfide, bromomethane. 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.

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 500-823426 was outside the method criteria for the following analyte(s): 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.

Eurofins Chicago

Case Narrative

Client: WSP USA Inc
Project: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Job ID: 500-270096-1 (Continued)

Eurofins Chicago

Method 8270E: The continuing calibration verification (CCV) analyzed in 500-823426 was outside the method criteria for the following analyte(s): 2,2'-oxybis[1-chloropropane], 2-Nitroaniline, 4,6-Dinitro-2-methylphenol, Benzo[b]fluoranthene, Bis(2-chloroethyl)ether, Isophorone, Nitrobenzene, N-Nitrosodi-n-propylamine and Nitrobenzene-d5 (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 continuing calibration verification (CCV) analyzed in 500-823422 was outside the method criteria for the following analyte(s): 2,4-Dinitrophenol. 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 500-823337 and analytical batch 500-823620 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.

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

Metals

Method 6010D: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3641V-01-B02 (0-7) (500-270096-1), 3641V-01-B02 (7-13) (500-270096-2), 3641V-05-B01 (0-5) (500-270096-4), 3641V-05-B01 (5-10) (500-270096-5) and 3641V-05-B02 (0-5) (500-270096-7). Elevated reporting limits (RLs) are provided.

Method 6010D: The method blank for leach batch 822394 contained Ba, Cr, and Se 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 laboratory control sample (LCS) for preparation batch 500-822394 and 500-822646 and analytical batch 500-823557 recovered outside control limits for the following analytes: Zinc. These analytes were biased high in the LCS and were not detected above the reporting limit in the associated samples; therefore, the data have been reported.

Method 6010D: The continuing calibration verification (CCV) associated with batch 500-823557 recovered above the upper control limit for Zinc. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are: 3641V-06-B02 (0-2) (500-270096-16), 3641V-06-B01 (0-2) (500-270096-17), 3641V-04-B02 (0-2) (500-270096-18) and 3641V-04-B01 (0-2) (500-270096-19).

Methods 200.7 Rev 4.4, 6010D: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3641V-05-B02 (5-10) (500-270096-9), 3641V-05-B03 (0-5) (500-270096-10), 3641V-05-B03 (5-10) (500-270096-11), 3641V-05-B04 (0-2) (500-270096-12), 3641V-09-B01 (0-2) (500-270096-13) and 3641V-08-B01 (0-2) (500-270096-15). Elevated reporting limits (RLs) are provided.

Method 6010D: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3641V-05-B02 (5-10) (500-270096-9), 3641V-05-B03 (0-5) (500-270096-10), 3641V-05-B03 (5-10) (500-270096-11), 3641V-05-B04 (0-2) (500-270096-12), 3641V-09-B01 (0-2) (500-270096-13) and 3641V-08-B01 (0-2) (500-270096-15). Elevated reporting limits (RLs) are provided.

Method 6010D: The method blank for preparation batch 500-822697 and analytical batch 500-823785 contained 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: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3641V-01-B02 (0-7) (500-270096-1), 3641V-01-B02 (7-13) (500-270096-2), 3641V-01-B01 (0-3) (500-270096-3), 3641V-05-B01 (0-5) (500-270096-4), 3641V-05-B01 (5-10) (500-270096-5), 3641V-05-B01 (10-15) (500-270096-6), 3641V-06-B02 (0-2) (500-270096-16), 3641V-06-B01 (0-2) (500-270096-17), 3641V-04-B02 (0-2) (500-270096-18), 3641V-04-B01 (0-2) (500-270096-19), (500-270096-D-16-G DU ^5), (500-270096-D-16-H MS ^5), (500-270096-D-16-I MSD ^5) and (500-270096-D-16-F SD ^25). Elevated reporting limits (RLs) are provided.

Method 6010D: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3641V-05-B02 (0-5) (500-270096-7) and 3641V-05-B02 (0-5)D (500-270096-8). Elevated reporting limits (RLs) are provided.

Methods 200.7 Rev 4.4, 6010D: The following sample was diluted to bring the concentration of target analytes within the calibration range: 3641V-10-B01 (0-2) (500-270096-14). Elevated reporting limits (RLs) are provided.

Method 7470A: Lab blank came above reporting limit. Sample #12 of 270096 was a hit and not reported.

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Case Narrative

Client: WSP USA Inc
Project: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Job ID: 500-270096-1 (Continued)

Eurofins Chicago

(LB 500-822250/1-C)

Method 7470A: The filtered lab blank for preparation batch 500-822394 and 500-823094 contained mercury 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 7470A: The method blank for preparation batch 500-822250 and 500-823485 contained Mercury 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.

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 500-822449 and analytical batch 500-822763 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.

Organic Prep

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

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Detection Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-08-B01 (0-2)

Lab Sample ID: 500-270096-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Carbon disulfide	0.0026	J	0.0041	0.00075	mg/Kg	1	✳		8260D	Total/NA
2-Methylnaphthalene	0.0073	J	0.074	0.0073	mg/Kg	1	✳		8270E	Total/NA
Benzo[a]anthracene	0.017	J	0.036	0.0077	mg/Kg	1	✳		8270E	Total/NA
Benzo[b]fluoranthene	0.038		0.036	0.035	mg/Kg	1	✳		8270E	Total/NA
Benzo[g,h,i]perylene	0.030	J	0.036	0.016	mg/Kg	1	✳		8270E	Total/NA
Chrysene	0.044		0.036	0.0096	mg/Kg	1	✳		8270E	Total/NA
Fluoranthene	0.030	J	0.036	0.0085	mg/Kg	1	✳		8270E	Total/NA
Phenanthrene	0.067		0.036	0.0079	mg/Kg	1	✳		8270E	Total/NA
Pyrene	0.033	J	0.036	0.010	mg/Kg	1	✳		8270E	Total/NA
Arsenic	6.5		0.56	0.19	mg/Kg	1	✳		6010D	Total/NA
Barium	31		2.8	0.32	mg/Kg	5	✳		6010D	Total/NA
Beryllium	0.67		0.22	0.052	mg/Kg	1	✳		6010D	Total/NA
Boron	17	B	2.8	0.26	mg/Kg	1	✳		6010D	Total/NA
Cadmium	0.11		0.11	0.020	mg/Kg	1	✳		6010D	Total/NA
Chromium	17		0.56	0.28	mg/Kg	1	✳		6010D	Total/NA
Cobalt	8.0		0.28	0.073	mg/Kg	1	✳		6010D	Total/NA
Copper	21		0.56	0.16	mg/Kg	1	✳		6010D	Total/NA
Iron	24000		56	29	mg/Kg	5	✳		6010D	Total/NA
Lead	15		1.4	0.65	mg/Kg	5	✳		6010D	Total/NA
Magnesium	41000		28	14	mg/Kg	5	✳		6010D	Total/NA
Manganese	290		0.56	0.081	mg/Kg	1	✳		6010D	Total/NA
Nickel	28		0.56	0.16	mg/Kg	1	✳		6010D	Total/NA
Selenium	0.40	J	0.56	0.33	mg/Kg	1	✳		6010D	Total/NA
Thallium	1.4		0.56	0.28	mg/Kg	1	✳		6010D	Total/NA
Vanadium	20		0.28	0.066	mg/Kg	1	✳		6010D	Total/NA
Zinc	56	B	1.1	0.49	mg/Kg	1	✳		6010D	Total/NA
Barium	0.31	B	0.010	0.0012	mg/L	1			6010D	TCPLP
Cadmium	0.0021	J	0.0050	0.00043	mg/L	1			6010D	TCPLP
Cobalt	0.084		0.0050	0.00078	mg/L	1			6010D	TCPLP
Copper	0.012		0.010	0.0018	mg/L	1			6010D	TCPLP
Lead	0.0054	J	0.0075	0.0027	mg/L	1			6010D	TCPLP
Manganese	1.3		0.010	0.0023	mg/L	1			6010D	TCPLP
Nickel	0.14		0.010	0.0048	mg/L	1			6010D	TCPLP
Selenium	0.0070	J B	0.050	0.0053	mg/L	1			6010D	TCPLP
Zinc	0.0087	J *+	0.50	0.0050	mg/L	1			6010D	TCPLP
Manganese	0.53		0.010	0.0023	mg/L	1			6010D	SPLP East
Nickel	0.23		0.010	0.0048	mg/L	1			6010D	SPLP East
Mercury	0.020		0.017	0.0070	mg/Kg	1	✳		7471B	Total/NA

This Detection Summary does not include radiochemical test results.

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Detection Summary

Client: WSP USA Inc

Job ID: 500-270096-1

Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Client Sample ID: 3641V-08-B01 (0-2) (Continued)

Lab Sample ID: 500-270096-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
pH	8.5		0.2	0.2	SU	1		9045D	Total/NA

Method Summary

Client: WSP USA Inc

Job ID: 500-270096-1

Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

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-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-270096-15	3641V-08-B01 (0-2)	Solid	06/16/25 12:20	06/16/25 14:40

Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-08-B01 (0-2)

Lab Sample ID: 500-270096-15

Date Collected: 06/16/25 12:20

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0069	mg/Kg	☆	06/16/25 15:43	06/27/25 14:55	1
Benzene	<0.0016		0.0016	0.00051	mg/Kg	☆	06/16/25 15:43	06/27/25 14:55	1
Bromodichloromethane	<0.0016		0.0016	0.00052	mg/Kg	☆	06/16/25 15:43	06/27/25 14:55	1
Bromoform	<0.0016		0.0016	0.00095	mg/Kg	☆	06/16/25 15:43	06/27/25 14:55	1
Bromomethane	<0.0041		0.0041	0.0020	mg/Kg	☆	06/16/25 15:43	06/27/25 14:55	1
2-Butanone (MEK)	<0.0041		0.0041	0.0018	mg/Kg	☆	06/16/25 15:43	06/27/25 14:55	1
Carbon disulfide	0.0026	J	0.0041	0.00075	mg/Kg	☆	06/16/25 15:43	06/27/25 14:55	1
Carbon tetrachloride	<0.0016		0.0016	0.00056	mg/Kg	☆	06/16/25 15:43	06/27/25 14:55	1
Chlorobenzene	<0.0016		0.0016	0.00069	mg/Kg	☆	06/16/25 15:43	06/27/25 14:55	1
Chloroethane	<0.0041		0.0041	0.0013	mg/Kg	☆	06/16/25 15:43	06/27/25 14:55	1
Chloroform	<0.0016		0.0016	0.0012	mg/Kg	☆	06/16/25 15:43	06/27/25 14:55	1
Chloromethane	<0.0041		0.0041	0.00079	mg/Kg	☆	06/16/25 15:43	06/27/25 14:55	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00066	mg/Kg	☆	06/16/25 15:43	06/27/25 14:55	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00066	mg/Kg	☆	06/16/25 15:43	06/27/25 14:55	1
Dibromochloromethane	<0.0016		0.0016	0.00076	mg/Kg	☆	06/16/25 15:43	06/27/25 14:55	1
1,2-Dibromo-3-Chloropropane	<0.0041		0.0041	0.0029	mg/Kg	☆	06/16/25 15:43	06/27/25 14:55	1
1,1-Dichloroethane	<0.0016		0.0016	0.00062	mg/Kg	☆	06/16/25 15:43	06/27/25 14:55	1
1,2-Dichloroethane	<0.0041		0.0041	0.0011	mg/Kg	☆	06/16/25 15:43	06/27/25 14:55	1
1,1-Dichloroethene	<0.0016		0.0016	0.00067	mg/Kg	☆	06/16/25 15:43	06/27/25 14:55	1
1,2-Dichloropropane	<0.0016		0.0016	0.00042	mg/Kg	☆	06/16/25 15:43	06/27/25 14:55	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00078	mg/Kg	☆	06/16/25 15:43	06/27/25 14:55	1
Ethylbenzene	<0.0016		0.0016	0.00086	mg/Kg	☆	06/16/25 15:43	06/27/25 14:55	1
2-Hexanone	<0.0041		0.0041	0.0025	mg/Kg	☆	06/16/25 15:43	06/27/25 14:55	1
Methylene Chloride	<0.0041		0.0041	0.0017	mg/Kg	☆	06/16/25 15:43	06/27/25 14:55	1
4-Methyl-2-pentanone (MIBK)	<0.0041		0.0041	0.0029	mg/Kg	☆	06/16/25 15:43	06/27/25 14:55	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00053	mg/Kg	☆	06/16/25 15:43	06/27/25 14:55	1
Styrene	<0.0016		0.0016	0.00074	mg/Kg	☆	06/16/25 15:43	06/27/25 14:55	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00081	mg/Kg	☆	06/16/25 15:43	06/27/25 14:55	1
Tetrachloroethene	<0.0016		0.0016	0.00092	mg/Kg	☆	06/16/25 15:43	06/27/25 14:55	1
Toluene	<0.0016		0.0016	0.00033	mg/Kg	☆	06/16/25 15:43	06/27/25 14:55	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00062	mg/Kg	☆	06/16/25 15:43	06/27/25 14:55	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00078	mg/Kg	☆	06/16/25 15:43	06/27/25 14:55	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00066	mg/Kg	☆	06/16/25 15:43	06/27/25 14:55	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00061	mg/Kg	☆	06/16/25 15:43	06/27/25 14:55	1
Trichloroethene	<0.0016		0.0016	0.00044	mg/Kg	☆	06/16/25 15:43	06/27/25 14:55	1
Vinyl acetate	<0.0041		0.0041	0.00098	mg/Kg	☆	06/16/25 15:43	06/27/25 14:55	1
Vinyl chloride	<0.0016		0.0016	0.00067	mg/Kg	☆	06/16/25 15:43	06/27/25 14:55	1
Xylenes, Total	<0.0033		0.0033	0.00056	mg/Kg	☆	06/16/25 15:43	06/27/25 14:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	153	S1+	75 - 131	06/16/25 15:43	06/27/25 14:55	1
Dibromofluoromethane	99		75 - 126	06/16/25 15:43	06/27/25 14:55	1
1,2-Dichloroethane-d4 (Surr)	98		70 - 134	06/16/25 15:43	06/27/25 14:55	1
Toluene-d8 (Surr)	118		75 - 124	06/16/25 15:43	06/27/25 14:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.026	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1
1,2-Dichlorobenzene	<0.18		0.18	0.015	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1
1,3-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-08-B01 (0-2)

Lab Sample ID: 500-270096-15

Date Collected: 06/16/25 12:20

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.026	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1
2,4,5-Trichlorophenol	<0.36		0.36	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1
2,4,6-Trichlorophenol	<0.36		0.36	0.012	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1
2,4-Dichlorophenol	<0.36		0.36	0.013	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1
2,4-Dimethylphenol	<0.36		0.36	0.082	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1
2,4-Dinitrophenol	<0.74		0.74	0.21	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1
2,4-Dinitrotoluene	<0.18		0.18	0.021	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1
2,6-Dinitrotoluene	<0.18		0.18	0.026	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1
2-Chloronaphthalene	<0.18		0.18	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1
2-Chlorophenol	<0.18		0.18	0.012	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1
2-Methylnaphthalene	0.0073	J	0.074	0.0073	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1
2-Methylphenol	<0.18		0.18	0.019	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1
2-Nitroaniline	<0.18		0.18	0.020	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1
2-Nitrophenol	<0.36		0.36	0.025	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1
3 & 4 Methylphenol	<0.18		0.18	0.027	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.16	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1
3-Nitroaniline	<0.36		0.36	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1
4,6-Dinitro-2-methylphenol	<0.74		0.74	0.21	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.025	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1
4-Chloro-3-methylphenol	<0.36		0.36	0.031	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1
4-Chloroaniline	<0.74		0.74	0.38	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.048	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1
4-Nitroaniline	<0.36		0.36	0.027	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1
4-Nitrophenol	<0.74		0.74	0.39	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1
Acenaphthene	<0.036		0.036	0.0074	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1
Acenaphthylene	<0.036		0.036	0.0062	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1
Anthracene	<0.036		0.036	0.0075	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1
Benzo[a]anthracene	0.017	J	0.036	0.0077	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1
Benzo[a]pyrene	<0.036		0.036	0.035	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1
Benzo[b]fluoranthene	0.038		0.036	0.035	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1
Benzo[g,h,i]perylene	0.030	J	0.036	0.016	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1
Benzo[k]fluoranthene	<0.036		0.036	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.14	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1
Butyl benzyl phthalate	<0.18		0.18	0.018	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1
Carbazole	<0.18		0.18	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1
Chrysene	0.044		0.036	0.0096	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1
Dibenz(a,h)anthracene	<0.036		0.036	0.036	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1
Dibenzofuran	<0.18		0.18	0.013	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1
Diethyl phthalate	<0.18		0.18	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1
Dimethyl phthalate	<0.18		0.18	0.0079	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1
Di-n-butyl phthalate	<0.18		0.18	0.012	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1
Di-n-octyl phthalate	<0.36		0.36	0.26	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1
Fluoranthene	0.030	J	0.036	0.0085	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1
Fluorene	<0.036		0.036	0.011	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1
Hexachlorobenzene	<0.074		0.074	0.0070	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1
Hexachlorobutadiene	<0.18		0.18	0.021	mg/Kg	☆	06/25/25 07:38	06/26/25 19:35	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-08-B01 (0-2)

Lab Sample ID: 500-270096-15

Date Collected: 06/16/25 12:20

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	<0.74		0.74	0.39	mg/Kg	✱	06/25/25 07:38	06/26/25 19:35	1
Hexachloroethane	<0.18		0.18	0.018	mg/Kg	✱	06/25/25 07:38	06/26/25 19:35	1
Indeno[1,2,3-cd]pyrene	<0.036		0.036	0.036	mg/Kg	✱	06/25/25 07:38	06/26/25 19:35	1
Isophorone	<0.18		0.18	0.019	mg/Kg	✱	06/25/25 07:38	06/26/25 19:35	1
Naphthalene	<0.036		0.036	0.0066	mg/Kg	✱	06/25/25 07:38	06/26/25 19:35	1
Nitrobenzene	<0.036		0.036	0.012	mg/Kg	✱	06/25/25 07:38	06/26/25 19:35	1
N-Nitrosodi-n-propylamine	<0.074		0.074	0.021	mg/Kg	✱	06/25/25 07:38	06/26/25 19:35	1
N-Nitrosodiphenylamine	<0.18		0.18	0.072	mg/Kg	✱	06/25/25 07:38	06/26/25 19:35	1
Pentachlorophenol	<0.74		0.74	0.41	mg/Kg	✱	06/25/25 07:38	06/26/25 19:35	1
Phenanthrene	0.067		0.036	0.0079	mg/Kg	✱	06/25/25 07:38	06/26/25 19:35	1
Phenol	<0.18		0.18	0.016	mg/Kg	✱	06/25/25 07:38	06/26/25 19:35	1
Pyrene	0.033	J	0.036	0.010	mg/Kg	✱	06/25/25 07:38	06/26/25 19:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	81		31 - 166	06/25/25 07:38	06/26/25 19:35	1
Phenol-d5 (Surr)	85		30 - 153	06/25/25 07:38	06/26/25 19:35	1
Nitrobenzene-d5 (Surr)	96		37 - 147	06/25/25 07:38	06/26/25 19:35	1
2-Fluorobiphenyl (Surr)	87		43 - 145	06/25/25 07:38	06/26/25 19:35	1
2,4,6-Tribromophenol (Surr)	75		31 - 143	06/25/25 07:38	06/26/25 19:35	1
Terphenyl-d14 (Surr)	96		42 - 157	06/25/25 07:38	06/26/25 19:35	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	✱	06/20/25 16:12	06/26/25 04:37	1
Arsenic	6.5		0.56	0.19	mg/Kg	✱	06/20/25 16:12	06/26/25 04:37	1
Barium	31		2.8	0.32	mg/Kg	✱	06/20/25 16:12	06/27/25 16:15	5
Beryllium	0.67		0.22	0.052	mg/Kg	✱	06/20/25 16:12	06/26/25 04:37	1
Boron	17	B	2.8	0.26	mg/Kg	✱	06/20/25 16:12	06/26/25 04:37	1
Cadmium	0.11		0.11	0.020	mg/Kg	✱	06/20/25 16:12	06/26/25 04:37	1
Chromium	17		0.56	0.28	mg/Kg	✱	06/20/25 16:12	06/26/25 04:37	1
Cobalt	8.0		0.28	0.073	mg/Kg	✱	06/20/25 16:12	06/26/25 04:37	1
Copper	21		0.56	0.16	mg/Kg	✱	06/20/25 16:12	06/26/25 04:37	1
Iron	24000		56	29	mg/Kg	✱	06/20/25 16:12	06/27/25 16:15	5
Lead	15		1.4	0.65	mg/Kg	✱	06/20/25 16:12	06/27/25 16:15	5
Magnesium	41000		28	14	mg/Kg	✱	06/20/25 16:12	06/27/25 16:15	5
Manganese	290		0.56	0.081	mg/Kg	✱	06/20/25 16:12	06/27/25 15:10	1
Nickel	28		0.56	0.16	mg/Kg	✱	06/20/25 16:12	06/26/25 04:37	1
Selenium	0.40	J	0.56	0.33	mg/Kg	✱	06/20/25 16:12	06/26/25 04:37	1
Silver	<0.28		0.28	0.072	mg/Kg	✱	06/20/25 16:12	06/26/25 04:37	1
Thallium	1.4		0.56	0.28	mg/Kg	✱	06/20/25 16:12	06/26/25 04:37	1
Vanadium	20		0.28	0.066	mg/Kg	✱	06/20/25 16:12	06/26/25 04:37	1
Zinc	56	B	1.1	0.49	mg/Kg	✱	06/20/25 16:12	06/27/25 15:10	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		06/20/25 13:17	06/25/25 16:19	1
Barium	0.31	B	0.010	0.0012	mg/L		06/20/25 13:17	06/25/25 16:19	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		06/20/25 13:17	06/25/25 16:19	1
Boron	<0.50		0.50	0.0056	mg/L		06/20/25 13:17	06/26/25 14:33	1
Cadmium	0.0021	J	0.0050	0.00043	mg/L		06/20/25 13:17	06/25/25 16:19	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-08-B01 (0-2)

Lab Sample ID: 500-270096-15

Date Collected: 06/16/25 12:20

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.1

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		06/20/25 13:17	06/25/25 16:19	1
Cobalt	0.084		0.0050	0.00078	mg/L		06/20/25 13:17	06/25/25 16:19	1
Copper	0.012		0.010	0.0018	mg/L		06/20/25 13:17	06/25/25 16:19	1
Iron	<0.40		0.40	0.082	mg/L		06/20/25 13:17	06/25/25 16:19	1
Lead	0.0054	J	0.0075	0.0027	mg/L		06/20/25 13:17	06/25/25 16:19	1
Manganese	1.3		0.010	0.0023	mg/L		06/20/25 13:17	06/25/25 16:19	1
Nickel	0.14		0.010	0.0048	mg/L		06/20/25 13:17	06/25/25 16:19	1
Selenium	0.0070	J B	0.050	0.0053	mg/L		06/20/25 13:17	06/25/25 16:19	1
Silver	<0.0050		0.0050	0.0015	mg/L		06/20/25 13:17	06/25/25 16:19	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		06/20/25 13:17	06/25/25 16:19	1
Zinc	0.0087	J *+	0.50	0.0050	mg/L		06/20/25 13:17	06/26/25 14:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	0.53		0.010	0.0023	mg/L		06/20/25 13:15	07/01/25 03:00	1
Nickel	0.23		0.010	0.0048	mg/L		06/20/25 13:15	07/01/25 03:00	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		06/20/25 13:17	06/25/25 14:07	1
Thallium	<0.0020		0.0020	0.0020	mg/L		06/20/25 13:17	06/25/25 14:07	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		06/24/25 11:05	06/25/25 12:10	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.020		0.017	0.0070	mg/Kg	☼	06/27/25 14:00	06/30/25 09:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.26	F1 F2	0.26	0.13	mg/Kg	☼	06/19/25 13:17	06/19/25 16:55	1
pH (SW846 9045D)	8.5		0.2	0.2	SU			06/20/25 14:06	1

Definitions/Glossary

Client: WSP USA Inc

Job ID: 500-270096-1

Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

Metals

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
F3	Duplicate RPD exceeds the control limit
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
L	A negative instrument reading had an absolute value greater than the reporting limit

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD 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

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Definitions/Glossary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Glossary (Continued)

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

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

GC/MS VOA

Prep Batch: 823131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	5035	
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	5035	
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	5035	
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	5035	
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	5035	
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	5035	
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	5035	
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	5035	
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	5035	
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	5035	
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	5035	
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	5035	
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	5035	
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	5035	
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	5035	
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	5035	
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	5035	
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	5035	
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	5035	

Analysis Batch: 823222

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	8260D	823131
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	8260D	823131
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	8260D	823131
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	8260D	823131
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	8260D	823131
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	8260D	823131
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	8260D	823131
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	8260D	823131
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	8260D	823131
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	8260D	823131
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	8260D	823131
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	8260D	823131
MB 500-823222/5	Method Blank	Total/NA	Solid	8260D	
LCS 500-823222/7	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 500-823222/8	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 823459

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	8260D	823131
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	8260D	823131
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	8260D	823131
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	8260D	823131
MB 500-823459/6	Method Blank	Total/NA	Solid	8260D	
LCS 500-823459/2	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 500-823459/3	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 823604

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	8260D	823131

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

GC/MS VOA (Continued)

Analysis Batch: 823604 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	8260D	823131
MB 500-823604/7	Method Blank	Total/NA	Solid	8260D	
LCS 500-823604/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 500-823604/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 823845

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	8260D	823131
MB 500-823845/8	Method Blank	Total/NA	Solid	8260D	
LCS 500-823845/6	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 500-823845/9	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS Semi VOA

Prep Batch: 823218

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	3546	
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	3546	
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	3546	
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	3546	
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	3546	
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	3546	
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	3546	
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	3546	
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	3546	
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	3546	
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	3546	
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	3546	
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	3546	
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	3546	
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	3546	
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	3546	
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	3546	
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	3546	
MB 500-823218/1-A	Method Blank	Total/NA	Solid	3546	
LCS 500-823218/2-A	Lab Control Sample	Total/NA	Solid	3546	

Prep Batch: 823337

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	3546	
MB 500-823337/1-A	Method Blank	Total/NA	Solid	3546	
LCS 500-823337/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 823422

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	8270E	823337
LCS 500-823337/2-A	Lab Control Sample	Total/NA	Solid	8270E	823337

Analysis Batch: 823426

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	8270E	823218

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QC Association Summary

Client: WSP USA Inc

Job ID: 500-270096-1

Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

GC/MS Semi VOA (Continued)

Analysis Batch: 823426 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	8270E	823218
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	8270E	823218
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	8270E	823218
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	8270E	823218
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	8270E	823218
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	8270E	823218
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	8270E	823218
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	8270E	823218
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	8270E	823218
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	8270E	823218
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	8270E	823218
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	8270E	823218
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	8270E	823218
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	8270E	823218
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	8270E	823218
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	8270E	823218
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	8270E	823218
MB 500-823218/1-A	Method Blank	Total/NA	Solid	8270E	823218
LCS 500-823218/2-A	Lab Control Sample	Total/NA	Solid	8270E	823218

Analysis Batch: 823620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-823337/1-A	Method Blank	Total/NA	Solid	8270E	823337

Metals

Leach Batch: 822250

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	TCLP	Solid	1311	
500-270096-2	3641V-01-B02 (7-13)	TCLP	Solid	1311	
500-270096-3	3641V-01-B01 (0-3)	TCLP	Solid	1311	
500-270096-4	3641V-05-B01 (0-5)	TCLP	Solid	1311	
500-270096-5	3641V-05-B01 (5-10)	TCLP	Solid	1311	
500-270096-6	3641V-05-B01 (10-15)	TCLP	Solid	1311	
500-270096-7	3641V-05-B02 (0-5)	TCLP	Solid	1311	
500-270096-8	3641V-05-B02 (0-5)D	TCLP	Solid	1311	
500-270096-9	3641V-05-B02 (5-10)	TCLP	Solid	1311	
500-270096-10	3641V-05-B03 (0-5)	TCLP	Solid	1311	
500-270096-11	3641V-05-B03 (5-10)	TCLP	Solid	1311	
500-270096-12	3641V-05-B04 (0-2)	TCLP	Solid	1311	
500-270096-13	3641V-09-B01 (0-2)	TCLP	Solid	1311	
500-270096-14	3641V-10-B01 (0-2)	TCLP	Solid	1311	
LB 500-822250/1-B	Method Blank	TCLP	Solid	1311	
LB 500-822250/1-C	Method Blank	TCLP	Solid	1311	
LB 500-822250/1-D	Method Blank	TCLP	Solid	1311	

Leach Batch: 822251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	SPLP East	Solid	1312	
500-270096-2	3641V-01-B02 (7-13)	SPLP East	Solid	1312	
500-270096-3	3641V-01-B01 (0-3)	SPLP East	Solid	1312	

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Metals (Continued)

Leach Batch: 822251 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-4	3641V-05-B01 (0-5)	SPLP East	Solid	1312	
500-270096-5	3641V-05-B01 (5-10)	SPLP East	Solid	1312	
500-270096-6	3641V-05-B01 (10-15)	SPLP East	Solid	1312	
500-270096-7	3641V-05-B02 (0-5)	SPLP East	Solid	1312	
500-270096-8	3641V-05-B02 (0-5)D	SPLP East	Solid	1312	
500-270096-9	3641V-05-B02 (5-10)	SPLP East	Solid	1312	
500-270096-10	3641V-05-B03 (0-5)	SPLP East	Solid	1312	
500-270096-11	3641V-05-B03 (5-10)	SPLP East	Solid	1312	
500-270096-12	3641V-05-B04 (0-2)	SPLP East	Solid	1312	
500-270096-13	3641V-09-B01 (0-2)	SPLP East	Solid	1312	
500-270096-14	3641V-10-B01 (0-2)	SPLP East	Solid	1312	
LB 500-822251/1-B	Method Blank	SPLP East	Solid	1312	

Leach Batch: 822394

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	TCLP	Solid	1311	
500-270096-16	3641V-06-B02 (0-2)	TCLP	Solid	1311	
500-270096-17	3641V-06-B01 (0-2)	TCLP	Solid	1311	
500-270096-18	3641V-04-B02 (0-2)	TCLP	Solid	1311	
500-270096-19	3641V-04-B01 (0-2)	TCLP	Solid	1311	
LB 500-822394/1-B	Method Blank	TCLP	Solid	1311	
LB 500-822394/1-C	Method Blank	TCLP	Solid	1311	

Leach Batch: 822412

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	SPLP East	Solid	1312	
500-270096-16	3641V-06-B02 (0-2)	SPLP East	Solid	1312	
500-270096-17	3641V-06-B01 (0-2)	SPLP East	Solid	1312	
500-270096-18	3641V-04-B02 (0-2)	SPLP East	Solid	1312	
500-270096-19	3641V-04-B01 (0-2)	SPLP East	Solid	1312	
LB 500-822412/1-B	Method Blank	SPLP East	Solid	1312	
500-270096-15 MS	3641V-08-B01 (0-2)	SPLP East	Solid	1312	
500-270096-15 DU	3641V-08-B01 (0-2)	SPLP East	Solid	1312	

Prep Batch: 822485

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	SPLP East	Solid	3010A	822251
500-270096-2	3641V-01-B02 (7-13)	SPLP East	Solid	3010A	822251
500-270096-3	3641V-01-B01 (0-3)	SPLP East	Solid	3010A	822251
500-270096-4	3641V-05-B01 (0-5)	SPLP East	Solid	3010A	822251
500-270096-5	3641V-05-B01 (5-10)	SPLP East	Solid	3010A	822251
500-270096-6	3641V-05-B01 (10-15)	SPLP East	Solid	3010A	822251
500-270096-7	3641V-05-B02 (0-5)	SPLP East	Solid	3010A	822251
500-270096-8	3641V-05-B02 (0-5)D	SPLP East	Solid	3010A	822251
500-270096-9	3641V-05-B02 (5-10)	SPLP East	Solid	3010A	822251
500-270096-10	3641V-05-B03 (0-5)	SPLP East	Solid	3010A	822251
500-270096-11	3641V-05-B03 (5-10)	SPLP East	Solid	3010A	822251
500-270096-12	3641V-05-B04 (0-2)	SPLP East	Solid	3010A	822251
500-270096-13	3641V-09-B01 (0-2)	SPLP East	Solid	3010A	822251
500-270096-14	3641V-10-B01 (0-2)	SPLP East	Solid	3010A	822251
LB 500-822251/1-B	Method Blank	SPLP East	Solid	3010A	822251

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QC Association Summary

Client: WSP USA Inc

Job ID: 500-270096-1

Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Metals (Continued)

Prep Batch: 822485 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-822485/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Prep Batch: 822509

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	TCLP	Solid	3010A	822250
500-270096-2	3641V-01-B02 (7-13)	TCLP	Solid	3010A	822250
500-270096-3	3641V-01-B01 (0-3)	TCLP	Solid	3010A	822250
500-270096-4	3641V-05-B01 (0-5)	TCLP	Solid	3010A	822250
500-270096-5	3641V-05-B01 (5-10)	TCLP	Solid	3010A	822250
500-270096-6	3641V-05-B01 (10-15)	TCLP	Solid	3010A	822250
500-270096-7	3641V-05-B02 (0-5)	TCLP	Solid	3010A	822250
500-270096-8	3641V-05-B02 (0-5)D	TCLP	Solid	3010A	822250
500-270096-9	3641V-05-B02 (5-10)	TCLP	Solid	3010A	822250
500-270096-10	3641V-05-B03 (0-5)	TCLP	Solid	3010A	822250
500-270096-11	3641V-05-B03 (5-10)	TCLP	Solid	3010A	822250
500-270096-12	3641V-05-B04 (0-2)	TCLP	Solid	3010A	822250
500-270096-13	3641V-09-B01 (0-2)	TCLP	Solid	3010A	822250
500-270096-14	3641V-10-B01 (0-2)	TCLP	Solid	3010A	822250
LB 500-822250/1-B	Method Blank	TCLP	Solid	3010A	822250
LCS 500-822509/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Prep Batch: 822645

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	SPLP East	Solid	3010A	822412
500-270096-16	3641V-06-B02 (0-2)	SPLP East	Solid	3010A	822412
500-270096-17	3641V-06-B01 (0-2)	SPLP East	Solid	3010A	822412
500-270096-18	3641V-04-B02 (0-2)	SPLP East	Solid	3010A	822412
500-270096-19	3641V-04-B01 (0-2)	SPLP East	Solid	3010A	822412
LB 500-822412/1-B	Method Blank	SPLP East	Solid	3010A	822412
LCS 500-822645/2-A	Lab Control Sample	Total/NA	Solid	3010A	
500-270096-15 MS	3641V-08-B01 (0-2)	SPLP East	Solid	3010A	822412
500-270096-15 DU	3641V-08-B01 (0-2)	SPLP East	Solid	3010A	822412

Prep Batch: 822646

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	TCLP	Solid	3010A	822394
500-270096-16	3641V-06-B02 (0-2)	TCLP	Solid	3010A	822394
500-270096-17	3641V-06-B01 (0-2)	TCLP	Solid	3010A	822394
500-270096-18	3641V-04-B02 (0-2)	TCLP	Solid	3010A	822394
500-270096-19	3641V-04-B01 (0-2)	TCLP	Solid	3010A	822394
LB 500-822394/1-B	Method Blank	TCLP	Solid	3010A	822394
LCS 500-822646/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Prep Batch: 822696

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	3050B	
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	3050B	
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	3050B	
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	3050B	
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	3050B	
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	3050B	

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QC Association Summary

Client: WSP USA Inc
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Job ID: 500-270096-1

Metals (Continued)

Prep Batch: 822696 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	3050B	
MB 500-822696/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-822696/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 822697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	3050B	
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	3050B	
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	3050B	
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	3050B	
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	3050B	
MB 500-822697/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-822697/2-A	Lab Control Sample	Total/NA	Solid	3050B	
500-270096-16 MS	3641V-06-B02 (0-2)	Total/NA	Solid	3050B	
500-270096-16 MSD	3641V-06-B02 (0-2)	Total/NA	Solid	3050B	
500-270096-16 DU	3641V-06-B02 (0-2)	Total/NA	Solid	3050B	

Analysis Batch: 822771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	TCLP	Solid	6010D	822509
500-270096-2	3641V-01-B02 (7-13)	TCLP	Solid	6010D	822509
500-270096-3	3641V-01-B01 (0-3)	TCLP	Solid	6010D	822509
500-270096-4	3641V-05-B01 (0-5)	TCLP	Solid	6010D	822509
500-270096-5	3641V-05-B01 (5-10)	TCLP	Solid	6010D	822509
500-270096-6	3641V-05-B01 (10-15)	TCLP	Solid	6010D	822509
500-270096-7	3641V-05-B02 (0-5)	TCLP	Solid	6010D	822509
500-270096-8	3641V-05-B02 (0-5)D	TCLP	Solid	6010D	822509
500-270096-9	3641V-05-B02 (5-10)	TCLP	Solid	6010D	822509
500-270096-10	3641V-05-B03 (0-5)	TCLP	Solid	6010D	822509
500-270096-11	3641V-05-B03 (5-10)	TCLP	Solid	6010D	822509
500-270096-12	3641V-05-B04 (0-2)	TCLP	Solid	6010D	822509
500-270096-13	3641V-09-B01 (0-2)	TCLP	Solid	6010D	822509
500-270096-14	3641V-10-B01 (0-2)	TCLP	Solid	6010D	822509
LB 500-822250/1-B	Method Blank	TCLP	Solid	6010D	822509
LCS 500-822509/2-A	Lab Control Sample	Total/NA	Solid	6010D	822509

Analysis Batch: 822772

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	SPLP East	Solid	6010D	822485
500-270096-2	3641V-01-B02 (7-13)	SPLP East	Solid	6010D	822485
500-270096-3	3641V-01-B01 (0-3)	SPLP East	Solid	6010D	822485
500-270096-4	3641V-05-B01 (0-5)	SPLP East	Solid	6010D	822485
500-270096-5	3641V-05-B01 (5-10)	SPLP East	Solid	6010D	822485
500-270096-6	3641V-05-B01 (10-15)	SPLP East	Solid	6010D	822485
500-270096-7	3641V-05-B02 (0-5)	SPLP East	Solid	6010D	822485
500-270096-8	3641V-05-B02 (0-5)D	SPLP East	Solid	6010D	822485
500-270096-9	3641V-05-B02 (5-10)	SPLP East	Solid	6010D	822485
500-270096-10	3641V-05-B03 (0-5)	SPLP East	Solid	6010D	822485
500-270096-11	3641V-05-B03 (5-10)	SPLP East	Solid	6010D	822485
500-270096-12	3641V-05-B04 (0-2)	SPLP East	Solid	6010D	822485
500-270096-13	3641V-09-B01 (0-2)	SPLP East	Solid	6010D	822485

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QC Association Summary

Client: WSP USA Inc
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Job ID: 500-270096-1

Metals (Continued)

Analysis Batch: 822772 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-14	3641V-10-B01 (0-2)	SPLP East	Solid	6010D	822485
LB 500-822251/1-B	Method Blank	SPLP East	Solid	6010D	822485
LCS 500-822485/2-A	Lab Control Sample	Total/NA	Solid	6010D	822485

Prep Batch: 822848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	3050B	
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	3050B	
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	3050B	
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	3050B	
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	3050B	
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	3050B	
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	3050B	
MB 500-822848/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-822848/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 822891

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	TCLP	Solid	7470A	822250
500-270096-2	3641V-01-B02 (7-13)	TCLP	Solid	7470A	822250
500-270096-3	3641V-01-B01 (0-3)	TCLP	Solid	7470A	822250
500-270096-4	3641V-05-B01 (0-5)	TCLP	Solid	7470A	822250
500-270096-5	3641V-05-B01 (5-10)	TCLP	Solid	7470A	822250
500-270096-6	3641V-05-B01 (10-15)	TCLP	Solid	7470A	822250
500-270096-7	3641V-05-B02 (0-5)	TCLP	Solid	7470A	822250
500-270096-8	3641V-05-B02 (0-5)D	TCLP	Solid	7470A	822250
500-270096-9	3641V-05-B02 (5-10)	TCLP	Solid	7470A	822250
500-270096-10	3641V-05-B03 (0-5)	TCLP	Solid	7470A	822250
500-270096-11	3641V-05-B03 (5-10)	TCLP	Solid	7470A	822250
500-270096-13	3641V-09-B01 (0-2)	TCLP	Solid	7470A	822250
500-270096-14	3641V-10-B01 (0-2)	TCLP	Solid	7470A	822250
LB 500-822250/1-C	Method Blank	TCLP	Solid	7470A	822250
MB 500-822891/12-A	Method Blank	Total/NA	Solid	7470A	
LCS 500-822891/14-A	Lab Control Sample	Total/NA	Solid	7470A	

Analysis Batch: 823048

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	TCLP	Solid	6010D	822509
500-270096-2	3641V-01-B02 (7-13)	TCLP	Solid	6010D	822509
500-270096-4	3641V-05-B01 (0-5)	TCLP	Solid	6010D	822509
500-270096-5	3641V-05-B01 (5-10)	TCLP	Solid	6010D	822509
500-270096-7	3641V-05-B02 (0-5)	TCLP	Solid	6010D	822509
LB 500-822412/1-B	Method Blank	SPLP East	Solid	6010D	822645
LCS 500-822645/2-A	Lab Control Sample	Total/NA	Solid	6010D	822645
500-270096-15 MS	3641V-08-B01 (0-2)	SPLP East	Solid	6010D	822645
500-270096-15 DU	3641V-08-B01 (0-2)	SPLP East	Solid	6010D	822645

Prep Batch: 823094

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	TCLP	Solid	7470A	822394
500-270096-16	3641V-06-B02 (0-2)	TCLP	Solid	7470A	822394

Eurofins Chicago

QC Association Summary

Client: WSP USA Inc

Job ID: 500-270096-1

Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Metals (Continued)

Prep Batch: 823094 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-17	3641V-06-B01 (0-2)	TCLP	Solid	7470A	822394
500-270096-18	3641V-04-B02 (0-2)	TCLP	Solid	7470A	822394
500-270096-19	3641V-04-B01 (0-2)	TCLP	Solid	7470A	822394
LB 500-822394/1-C	Method Blank	TCLP	Solid	7470A	822394
MB 500-823094/12-A	Method Blank	Total/NA	Solid	7470A	
LCS 500-823094/14-A	Lab Control Sample	Total/NA	Solid	7470A	

Analysis Batch: 823110

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	TCLP	Solid	7470A	822891
500-270096-2	3641V-01-B02 (7-13)	TCLP	Solid	7470A	822891
500-270096-3	3641V-01-B01 (0-3)	TCLP	Solid	7470A	822891
500-270096-4	3641V-05-B01 (0-5)	TCLP	Solid	7470A	822891
500-270096-5	3641V-05-B01 (5-10)	TCLP	Solid	7470A	822891
500-270096-6	3641V-05-B01 (10-15)	TCLP	Solid	7470A	822891
500-270096-7	3641V-05-B02 (0-5)	TCLP	Solid	7470A	822891
500-270096-8	3641V-05-B02 (0-5)D	TCLP	Solid	7470A	822891
500-270096-9	3641V-05-B02 (5-10)	TCLP	Solid	7470A	822891
500-270096-10	3641V-05-B03 (0-5)	TCLP	Solid	7470A	822891
500-270096-11	3641V-05-B03 (5-10)	TCLP	Solid	7470A	822891
500-270096-13	3641V-09-B01 (0-2)	TCLP	Solid	7470A	822891
500-270096-14	3641V-10-B01 (0-2)	TCLP	Solid	7470A	822891
LB 500-822250/1-C	Method Blank	TCLP	Solid	7470A	822891
MB 500-822891/12-A	Method Blank	Total/NA	Solid	7470A	822891
LCS 500-822891/14-A	Lab Control Sample	Total/NA	Solid	7470A	822891

Analysis Batch: 823301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	TCLP	Solid	7470A	823094
500-270096-16	3641V-06-B02 (0-2)	TCLP	Solid	7470A	823094
500-270096-17	3641V-06-B01 (0-2)	TCLP	Solid	7470A	823094
500-270096-18	3641V-04-B02 (0-2)	TCLP	Solid	7470A	823094
500-270096-19	3641V-04-B01 (0-2)	TCLP	Solid	7470A	823094
LB 500-822394/1-C	Method Blank	TCLP	Solid	7470A	823094
MB 500-823094/12-A	Method Blank	Total/NA	Solid	7470A	823094
LCS 500-823094/14-A	Lab Control Sample	Total/NA	Solid	7470A	823094

Analysis Batch: 823349

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	TCLP	Solid	6020B	822509
500-270096-2	3641V-01-B02 (7-13)	TCLP	Solid	6020B	822509
500-270096-3	3641V-01-B01 (0-3)	TCLP	Solid	6020B	822509
500-270096-4	3641V-05-B01 (0-5)	TCLP	Solid	6020B	822509
500-270096-5	3641V-05-B01 (5-10)	TCLP	Solid	6020B	822509
500-270096-6	3641V-05-B01 (10-15)	TCLP	Solid	6020B	822509
500-270096-7	3641V-05-B02 (0-5)	TCLP	Solid	6020B	822509
500-270096-8	3641V-05-B02 (0-5)D	TCLP	Solid	6020B	822509
500-270096-9	3641V-05-B02 (5-10)	TCLP	Solid	6020B	822509
500-270096-10	3641V-05-B03 (0-5)	TCLP	Solid	6020B	822509
500-270096-11	3641V-05-B03 (5-10)	TCLP	Solid	6020B	822509
500-270096-12	3641V-05-B04 (0-2)	TCLP	Solid	6020B	822509

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QC Association Summary

Client: WSP USA Inc
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Job ID: 500-270096-1

Metals (Continued)

Analysis Batch: 823349 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-13	3641V-09-B01 (0-2)	TCLP	Solid	6020B	822509
500-270096-14	3641V-10-B01 (0-2)	TCLP	Solid	6020B	822509
500-270096-15	3641V-08-B01 (0-2)	TCLP	Solid	6020B	822646
500-270096-16	3641V-06-B02 (0-2)	TCLP	Solid	6020B	822646
500-270096-17	3641V-06-B01 (0-2)	TCLP	Solid	6020B	822646
500-270096-18	3641V-04-B02 (0-2)	TCLP	Solid	6020B	822646
500-270096-19	3641V-04-B01 (0-2)	TCLP	Solid	6020B	822646
LB 500-822250/1-B	Method Blank	TCLP	Solid	6020B	822509
LB 500-822394/1-B	Method Blank	TCLP	Solid	6020B	822646
LCS 500-822509/2-A	Lab Control Sample	Total/NA	Solid	6020B	822509
LCS 500-822646/2-A	Lab Control Sample	Total/NA	Solid	6020B	822646

Analysis Batch: 823443

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	6010D	822696
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	6010D	822696
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	6010D	822696
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	6010D	822696
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	6010D	822696
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	6010D	822696
500-270096-15	3641V-08-B01 (0-2)	TCLP	Solid	6010D	822646
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	6010D	822696
500-270096-16	3641V-06-B02 (0-2)	TCLP	Solid	6010D	822646
500-270096-17	3641V-06-B01 (0-2)	TCLP	Solid	6010D	822646
500-270096-18	3641V-04-B02 (0-2)	TCLP	Solid	6010D	822646
500-270096-19	3641V-04-B01 (0-2)	TCLP	Solid	6010D	822646
LB 500-822394/1-B	Method Blank	TCLP	Solid	6010D	822646
MB 500-822696/1-A	Method Blank	Total/NA	Solid	6010D	822696
LCS 500-822646/2-A	Lab Control Sample	Total/NA	Solid	6010D	822646
LCS 500-822696/2-A	Lab Control Sample	Total/NA	Solid	6010D	822696

Prep Batch: 823485

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-12	3641V-05-B04 (0-2)	TCLP	Solid	7470A	822250
LB 500-822250/1-D	Method Blank	TCLP	Solid	7470A	822250
MB 500-823485/12-A	Method Blank	Total/NA	Solid	7470A	
LCS 500-823485/14-A	Lab Control Sample	Total/NA	Solid	7470A	

Analysis Batch: 823557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	TCLP	Solid	6010D	822646
500-270096-16	3641V-06-B02 (0-2)	TCLP	Solid	6010D	822646
500-270096-17	3641V-06-B01 (0-2)	TCLP	Solid	6010D	822646
500-270096-18	3641V-04-B02 (0-2)	TCLP	Solid	6010D	822646
500-270096-19	3641V-04-B01 (0-2)	TCLP	Solid	6010D	822646
LB 500-822394/1-B	Method Blank	TCLP	Solid	6010D	822646
LCS 500-822646/2-A	Lab Control Sample	Total/NA	Solid	6010D	822646

Prep Batch: 823672

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	7471B	

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QC Association Summary

Client: WSP USA Inc

Job ID: 500-270096-1

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Metals (Continued)

Prep Batch: 823672 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	7471B	
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	7471B	
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	7471B	
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	7471B	
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	7471B	
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	7471B	
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	7471B	
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	7471B	
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	7471B	
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	7471B	
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	7471B	
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	7471B	
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	7471B	
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	7471B	
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	7471B	
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	7471B	
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	7471B	
MB 500-823672/12-A	Method Blank	Total/NA	Solid	7471B	
LCS 500-823672/13-A	Lab Control Sample	Total/NA	Solid	7471B	
500-270096-9 MS	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	
500-270096-9 MSD	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	
500-270096-9 DU	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	

Analysis Batch: 823684

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-12	3641V-05-B04 (0-2)	TCLP	Solid	7470A	823485
LB 500-822250/1-D	Method Blank	TCLP	Solid	7470A	823485
MB 500-823485/12-A	Method Blank	Total/NA	Solid	7470A	823485
LCS 500-823485/14-A	Lab Control Sample	Total/NA	Solid	7470A	823485

Analysis Batch: 823757

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	6010D	822696
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	6010D	822696
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	6010D	822696
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	6010D	822696
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	6010D	822696
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	6010D	822696
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	6010D	822696
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	6010D	822696
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	6010D	822696
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	6010D	822696
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	6010D	822696
MB 500-822696/1-A	Method Blank	Total/NA	Solid	6010D	822696
LCS 500-822696/2-A	Lab Control Sample	Total/NA	Solid	6010D	822696

Analysis Batch: 823767

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	6010D	822696
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	6010D	822696

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Metals (Continued)

Analysis Batch: 823767 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	6010D	822696
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	6010D	822696
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	6010D	822696
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	6010D	822696
MB 500-822696/1-A	Method Blank	Total/NA	Solid	6010D	822696
LCS 500-822696/2-A	Lab Control Sample	Total/NA	Solid	6010D	822696

Analysis Batch: 823785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	6010D	822697
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	6010D	822848
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	6010D	822848
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	6010D	822848
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	6010D	822848
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	6010D	822848
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	6010D	822848
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	6010D	822848
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	6010D	822697
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	6010D	822697
MB 500-822697/1-A	Method Blank	Total/NA	Solid	6010D	822697
LCS 500-822697/2-A	Lab Control Sample	Total/NA	Solid	6010D	822697
500-270096-16 MS	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16 MSD	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16 DU	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697

Analysis Batch: 823885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	7471B	823672
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	7471B	823672
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	7471B	823672
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	7471B	823672
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	7471B	823672
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	7471B	823672
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	7471B	823672
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	7471B	823672
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	823672
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	7471B	823672
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	7471B	823672
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	7471B	823672
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	7471B	823672
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	7471B	823672
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	7471B	823672
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	7471B	823672
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	7471B	823672
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	7471B	823672
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	7471B	823672
MB 500-823672/12-A	Method Blank	Total/NA	Solid	7471B	823672
LCS 500-823672/13-A	Lab Control Sample	Total/NA	Solid	7471B	823672
500-270096-9 MS	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	823672

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QC Association Summary

Client: WSP USA Inc
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Job ID: 500-270096-1

Metals (Continued)

Analysis Batch: 823885 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-9 MSD	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	823672
500-270096-9 DU	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	823672

Analysis Batch: 823996

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	6010D	822697
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	6010D	822697
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	6010D	822848
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	6010D	822848
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	6010D	822848
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	6010D	822848
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	6010D	822848
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	6010D	822848
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	6010D	822848
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	6010D	822848
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	6010D	822848
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	6010D	822848
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	6010D	822848
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	6010D	822848
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	6010D	822697
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	6010D	822697
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	6010D	822697
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	6010D	822697
MB 500-822697/1-A	Method Blank	Total/NA	Solid	6010D	822697
MB 500-822848/1-A	Method Blank	Total/NA	Solid	6010D	822848
LCS 500-822697/2-A	Lab Control Sample	Total/NA	Solid	6010D	822697
LCS 500-822848/2-A	Lab Control Sample	Total/NA	Solid	6010D	822848
500-270096-16 MS	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16 MS	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16 MSD	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16 MSD	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16 DU	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16 DU	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697

Analysis Batch: 823997

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	SPLP East	Solid	6010D	822645
500-270096-16	3641V-06-B02 (0-2)	SPLP East	Solid	6010D	822645
500-270096-17	3641V-06-B01 (0-2)	SPLP East	Solid	6010D	822645
500-270096-18	3641V-04-B02 (0-2)	SPLP East	Solid	6010D	822645
500-270096-19	3641V-04-B01 (0-2)	SPLP East	Solid	6010D	822645
LB 500-822412/1-B	Method Blank	SPLP East	Solid	6010D	822645
LCS 500-822645/2-A	Lab Control Sample	Total/NA	Solid	6010D	822645
500-270096-15 MS	3641V-08-B01 (0-2)	SPLP East	Solid	6010D	822645
500-270096-15 DU	3641V-08-B01 (0-2)	SPLP East	Solid	6010D	822645

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Metals

Analysis Batch: 824132

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	6010D	822848
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	6010D	822848

Analysis Batch: 824227

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	6010D	822696

General Chemistry

Analysis Batch: 822216

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	Moisture	
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	Moisture	
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	Moisture	
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	Moisture	
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	Moisture	
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	Moisture	
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	Moisture	
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	Moisture	
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	Moisture	
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	Moisture	
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	Moisture	
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	Moisture	
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	Moisture	
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	Moisture	
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	Moisture	
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	Moisture	
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	Moisture	

Analysis Batch: 822310

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	Moisture	
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	Moisture	
500-270096-13 DU	3641V-09-B01 (0-2)	Total/NA	Solid	Moisture	

Prep Batch: 822449

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	9010C	
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	9010C	
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	9010C	
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	9010C	
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	9010C	
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	9010C	
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	9010C	
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	9010C	
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	9010C	
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	9010C	
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	9010C	
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	9010C	
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	9010C	
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	9010C	

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

General Chemistry (Continued)

Prep Batch: 822449 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	9010C	
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	9010C	
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	9010C	
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	9010C	
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	9010C	
MB 500-822449/1-A	Method Blank	Total/NA	Solid	9010C	
LCS 500-822449/2-A	Lab Control Sample	Total/NA	Solid	9010C	
500-270096-1 MS	3641V-01-B02 (0-7)	Total/NA	Solid	9010C	
500-270096-1 MSD	3641V-01-B02 (0-7)	Total/NA	Solid	9010C	
500-270096-15 MS	3641V-08-B01 (0-2)	Total/NA	Solid	9010C	
500-270096-15 MSD	3641V-08-B01 (0-2)	Total/NA	Solid	9010C	

Analysis Batch: 822679

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	9045D	
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	9045D	
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	9045D	
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	9045D	
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	9045D	
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	9045D	
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	9045D	
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	9045D	
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	9045D	
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	9045D	
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	9045D	
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	9045D	
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	9045D	
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	9045D	
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	9045D	
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	9045D	
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	9045D	
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	9045D	
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	9045D	
LCS 500-822679/2	Lab Control Sample	Total/NA	Solid	9045D	
LCSD 500-822679/3	Lab Control Sample Dup	Total/NA	Solid	9045D	
500-270096-14 DU	3641V-10-B01 (0-2)	Total/NA	Solid	9045D	

Analysis Batch: 822763

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	9012B	822449
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	9012B	822449
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	9012B	822449
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	9012B	822449
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	9012B	822449
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	9012B	822449
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	9012B	822449
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	9012B	822449
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	9012B	822449
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	9012B	822449
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	9012B	822449
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	9012B	822449

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

General Chemistry (Continued)

Analysis Batch: 822763 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	9012B	822449
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	9012B	822449
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	9012B	822449
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	9012B	822449
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	9012B	822449
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	9012B	822449
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	9012B	822449
MB 500-822449/1-A	Method Blank	Total/NA	Solid	9012B	822449
LCS 500-822449/2-A	Lab Control Sample	Total/NA	Solid	9012B	822449
500-270096-1 MS	3641V-01-B02 (0-7)	Total/NA	Solid	9012B	822449
500-270096-1 MSD	3641V-01-B02 (0-7)	Total/NA	Solid	9012B	822449
500-270096-15 MS	3641V-08-B01 (0-2)	Total/NA	Solid	9012B	822449
500-270096-15 MSD	3641V-08-B01 (0-2)	Total/NA	Solid	9012B	822449

Analysis Batch: 822833

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-822833/2	Lab Control Sample	Total/NA	Solid	9045D	
LCSD 500-822833/3	Lab Control Sample Dup	Total/NA	Solid	9045D	
500-270096-14 DU	3641V-10-B01 (0-2)	Total/NA	Solid	9045D	

Surrogate Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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)
500-270096-1	3641V-01-B02 (0-7)	103	103	107	99
500-270096-2	3641V-01-B02 (7-13)	104	103	102	102
500-270096-3	3641V-01-B01 (0-3)	107	102	105	105
500-270096-4	3641V-05-B01 (0-5)	108	106	103	105
500-270096-5	3641V-05-B01 (5-10)	128 *3	108	107	111
500-270096-6	3641V-05-B01 (10-15)	129 *3	107	99	126 S1+ *3
500-270096-7	3641V-05-B02 (0-5)	113 *3	106	110	105
500-270096-8	3641V-05-B02 (0-5)D	120 *3	108	111	106
500-270096-9	3641V-05-B02 (5-10)	127	98	93	111
500-270096-10	3641V-05-B03 (0-5)	141 S1+ *3	108	109	128 S1+ *3
500-270096-11	3641V-05-B03 (5-10)	143 S1+ *3	105	100	135 S1+ *3
500-270096-12	3641V-05-B04 (0-2)	141 S1+ *3	114	115	129 S1+ *3
500-270096-13	3641V-09-B01 (0-2)	131 *3	103	107	118
500-270096-14	3641V-10-B01 (0-2)	114	101	102	107
500-270096-15	3641V-08-B01 (0-2)	153 S1+	99	98	118
500-270096-16	3641V-06-B02 (0-2)	114	98	102	106
500-270096-17	3641V-06-B01 (0-2)	113	95	99	107
500-270096-18	3641V-04-B02 (0-2)	119	98	98	107
500-270096-19	3641V-04-B01 (0-2)	115	97	99	108
LCS 500-823222/7	Lab Control Sample	98	99	98	98
LCS 500-823459/2	Lab Control Sample	111	95	89	107
LCS 500-823604/4	Lab Control Sample	114	95	92	106
LCS 500-823845/6	Lab Control Sample	98	98	99	102
LCSD 500-823222/8	Lab Control Sample Dup	99	98	96	101
LCSD 500-823459/3	Lab Control Sample Dup	113	96	90	108
LCSD 500-823604/5	Lab Control Sample Dup	114	95	90	108
LCSD 500-823845/9	Lab Control Sample Dup	102	99	101	107
MB 500-823222/5	Method Blank	100	107	107	99
MB 500-823459/6	Method Blank	113	95	90	107
MB 500-823604/7	Method Blank	114	93	92	106
MB 500-823845/8	Method Blank	100	100	100	103

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)
500-270096-1	3641V-01-B02 (0-7)	76	80	89	82	75	91
500-270096-2	3641V-01-B02 (7-13)	78	80	86	77	72	77
500-270096-3	3641V-01-B01 (0-3)	74	77	88	78	73	88

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Surrogate Summary

Client: WSP USA Inc

Job ID: 500-270096-1

Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

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)
500-270096-4	3641V-05-B01 (0-5)	64	63	65	67	64	82
500-270096-5	3641V-05-B01 (5-10)	80	85	95	82	81	99
500-270096-6	3641V-05-B01 (10-15)	76	77	88	79	71	98
500-270096-7	3641V-05-B02 (0-5)	79	84	93	84	84	97
500-270096-8	3641V-05-B02 (0-5)D	79	84	91	82	81	98
500-270096-9	3641V-05-B02 (5-10)	81	85	97	86	54	86
500-270096-10	3641V-05-B03 (0-5)	79	86	94	88	85	97
500-270096-11	3641V-05-B03 (5-10)	66	71	78	69	55	85
500-270096-12	3641V-05-B04 (0-2)	74	80	88	82	80	93
500-270096-13	3641V-09-B01 (0-2)	80	84	94	84	79	94
500-270096-14	3641V-10-B01 (0-2)	91	94	108	95	87	102
500-270096-15	3641V-08-B01 (0-2)	81	85	96	87	75	96
500-270096-16	3641V-06-B02 (0-2)	83	88	99	90	87	98
500-270096-17	3641V-06-B01 (0-2)	82	86	94	88	84	95
500-270096-18	3641V-04-B02 (0-2)	68	77	82	78	86	98
500-270096-19	3641V-04-B01 (0-2)	68	74	79	73	85	101
LCS 500-823218/2-A	Lab Control Sample	79	80	94	83	91	95
LCS 500-823337/2-A	Lab Control Sample	76	75	76	84	83	91
MB 500-823218/1-A	Method Blank	86	89	101	86	86	96
MB 500-823337/1-A	Method Blank	83	80	80	86	76	100

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-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-823222/5

Matrix: Solid

Analysis Batch: 823222

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			06/25/25 09:32	1
Benzene	<0.0020		0.0020	0.00063	mg/Kg			06/25/25 09:32	1
Bromodichloromethane	<0.0020		0.0020	0.00064	mg/Kg			06/25/25 09:32	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg			06/25/25 09:32	1
Bromomethane	<0.0050		0.0050	0.0025	mg/Kg			06/25/25 09:32	1
2-Butanone (MEK)	<0.0050		0.0050	0.0022	mg/Kg			06/25/25 09:32	1
Carbon disulfide	<0.0050		0.0050	0.00092	mg/Kg			06/25/25 09:32	1
Carbon tetrachloride	<0.0020		0.0020	0.00068	mg/Kg			06/25/25 09:32	1
Chlorobenzene	<0.0020		0.0020	0.00084	mg/Kg			06/25/25 09:32	1
Chloroethane	<0.0050		0.0050	0.0016	mg/Kg			06/25/25 09:32	1
Chloroform	<0.0020		0.0020	0.0014	mg/Kg			06/25/25 09:32	1
Chloromethane	<0.0050		0.0050	0.00097	mg/Kg			06/25/25 09:32	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00081	mg/Kg			06/25/25 09:32	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00080	mg/Kg			06/25/25 09:32	1
Dibromochloromethane	<0.0020		0.0020	0.00093	mg/Kg			06/25/25 09:32	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0035	mg/Kg			06/25/25 09:32	1
1,1-Dichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/25/25 09:32	1
1,2-Dichloroethane	<0.0050		0.0050	0.0013	mg/Kg			06/25/25 09:32	1
1,1-Dichloroethene	<0.0020		0.0020	0.00082	mg/Kg			06/25/25 09:32	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg			06/25/25 09:32	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00096	mg/Kg			06/25/25 09:32	1
Ethylbenzene	<0.0020		0.0020	0.0011	mg/Kg			06/25/25 09:32	1
2-Hexanone	<0.0050		0.0050	0.0030	mg/Kg			06/25/25 09:32	1
Methylene Chloride	<0.0050		0.0050	0.0021	mg/Kg			06/25/25 09:32	1
4-Methyl-2-pentanone (MIBK)	<0.0050		0.0050	0.0036	mg/Kg			06/25/25 09:32	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00065	mg/Kg			06/25/25 09:32	1
Styrene	<0.0020		0.0020	0.00090	mg/Kg			06/25/25 09:32	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00099	mg/Kg			06/25/25 09:32	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg			06/25/25 09:32	1
Toluene	<0.0020		0.0020	0.00040	mg/Kg			06/25/25 09:32	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00076	mg/Kg			06/25/25 09:32	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00096	mg/Kg			06/25/25 09:32	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00081	mg/Kg			06/25/25 09:32	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/25/25 09:32	1
Trichloroethene	<0.0020		0.0020	0.00054	mg/Kg			06/25/25 09:32	1
Vinyl acetate	<0.0050		0.0050	0.0012	mg/Kg			06/25/25 09:32	1
Vinyl chloride	<0.0020		0.0020	0.00082	mg/Kg			06/25/25 09:32	1
Xylenes, Total	<0.0040		0.0040	0.00069	mg/Kg			06/25/25 09:32	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		75 - 131		06/25/25 09:32	1
Dibromofluoromethane	107		75 - 126		06/25/25 09:32	1
1,2-Dichloroethane-d4 (Surr)	107		70 - 134		06/25/25 09:32	1
Toluene-d8 (Surr)	99		75 - 124		06/25/25 09:32	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823222/7

Matrix: Solid

Analysis Batch: 823222

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	0.0428		mg/Kg		86	40 - 150
Benzene	0.0500	0.0483		mg/Kg		97	70 - 125
Bromodichloromethane	0.0500	0.0487		mg/Kg		97	67 - 129
Bromoform	0.0500	0.0454		mg/Kg		91	68 - 136
Bromomethane	0.0500	0.0347	*-	mg/Kg		69	70 - 130
2-Butanone (MEK)	0.0500	0.0411		mg/Kg		82	47 - 138
Carbon disulfide	0.0500	0.0557		mg/Kg		111	70 - 129
Carbon tetrachloride	0.0500	0.0523		mg/Kg		105	75 - 125
Chlorobenzene	0.0500	0.0465		mg/Kg		93	50 - 150
Chloroethane	0.0500	0.0470		mg/Kg		94	75 - 125
Chloroform	0.0500	0.0463		mg/Kg		93	57 - 135
Chloromethane	0.0500	0.0518		mg/Kg		104	70 - 125
cis-1,2-Dichloroethene	0.0500	0.0484		mg/Kg		97	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0484		mg/Kg		97	70 - 125
Dibromochloromethane	0.0500	0.0420		mg/Kg		84	69 - 125
1,2-Dibromo-3-Chloropropane	0.0500	0.0449		mg/Kg		90	60 - 136
1,1-Dichloroethane	0.0500	0.0488		mg/Kg		98	70 - 125
1,2-Dichloroethane	0.0500	0.0466		mg/Kg		93	70 - 130
1,1-Dichloroethene	0.0500	0.0524		mg/Kg		105	70 - 120
1,2-Dichloropropane	0.0500	0.0465		mg/Kg		93	70 - 125
Ethylbenzene	0.0500	0.0473		mg/Kg		95	61 - 136
2-Hexanone	0.0500	0.0394		mg/Kg		79	48 - 146
Methylene Chloride	0.0500	0.0456		mg/Kg		91	70 - 126
4-Methyl-2-pentanone (MIBK)	0.0500	0.0400		mg/Kg		80	50 - 148
Methyl tert-butyl ether	0.0500	0.0472		mg/Kg		94	50 - 140
Styrene	0.0500	0.0479		mg/Kg		96	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0456		mg/Kg		91	70 - 122
Tetrachloroethene	0.0500	0.0494		mg/Kg		99	70 - 124
Toluene	0.0500	0.0472		mg/Kg		94	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0502		mg/Kg		100	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0486		mg/Kg		97	70 - 125
1,1,1-Trichloroethane	0.0500	0.0495		mg/Kg		99	70 - 128
1,1,2-Trichloroethane	0.0500	0.0467		mg/Kg		93	70 - 125
Trichloroethene	0.0500	0.0499		mg/Kg		100	70 - 125
Vinyl acetate	0.0500	0.0506		mg/Kg		101	40 - 153
Vinyl chloride	0.0500	0.0582		mg/Kg		116	70 - 125
Xylenes, Total	0.100	0.0917		mg/Kg		92	53 - 147

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	98		75 - 131
Dibromofluoromethane	99		75 - 126
1,2-Dichloroethane-d4 (Surr)	98		70 - 134
Toluene-d8 (Surr)	98		75 - 124

Eurofins Chicago

QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCSD 500-823222/8

Matrix: Solid

Analysis Batch: 823222

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	0.0438		mg/Kg		88	40 - 150	2	30
Benzene	0.0500	0.0493		mg/Kg		99	70 - 125	2	30
Bromodichloromethane	0.0500	0.0502		mg/Kg		100	67 - 129	3	30
Bromoform	0.0500	0.0507		mg/Kg		101	68 - 136	11	30
Bromomethane	0.0500	0.0348		mg/Kg		70	70 - 130	0	30
2-Butanone (MEK)	0.0500	0.0410		mg/Kg		82	47 - 138	0	30
Carbon disulfide	0.0500	0.0563		mg/Kg		113	70 - 129	1	30
Carbon tetrachloride	0.0500	0.0540		mg/Kg		108	75 - 125	3	30
Chlorobenzene	0.0500	0.0484		mg/Kg		97	50 - 150	4	30
Chloroethane	0.0500	0.0415		mg/Kg		83	75 - 125	12	30
Chloroform	0.0500	0.0475		mg/Kg		95	57 - 135	2	30
Chloromethane	0.0500	0.0515		mg/Kg		103	70 - 125	1	30
cis-1,2-Dichloroethene	0.0500	0.0503		mg/Kg		101	70 - 125	4	30
cis-1,3-Dichloropropene	0.0500	0.0512		mg/Kg		102	70 - 125	6	30
Dibromochloromethane	0.0500	0.0444		mg/Kg		89	69 - 125	6	30
1,2-Dibromo-3-Chloropropane	0.0500	0.0475		mg/Kg		95	60 - 136	6	30
1,1-Dichloroethane	0.0500	0.0493		mg/Kg		99	70 - 125	1	30
1,2-Dichloroethane	0.0500	0.0481		mg/Kg		96	70 - 130	3	30
1,1-Dichloroethene	0.0500	0.0522		mg/Kg		104	70 - 120	0	30
1,2-Dichloropropane	0.0500	0.0482		mg/Kg		96	70 - 125	3	30
Ethylbenzene	0.0500	0.0485		mg/Kg		97	61 - 136	2	30
2-Hexanone	0.0500	0.0421		mg/Kg		84	48 - 146	7	30
Methylene Chloride	0.0500	0.0451		mg/Kg		90	70 - 126	1	30
4-Methyl-2-pentanone (MIBK)	0.0500	0.0425		mg/Kg		85	50 - 148	6	30
Methyl tert-butyl ether	0.0500	0.0495		mg/Kg		99	50 - 140	5	30
Styrene	0.0500	0.0504		mg/Kg		101	70 - 125	5	30
1,1,2,2-Tetrachloroethane	0.0500	0.0481		mg/Kg		96	70 - 122	5	30
Tetrachloroethene	0.0500	0.0519		mg/Kg		104	70 - 124	5	30
Toluene	0.0500	0.0490		mg/Kg		98	70 - 125	4	30
trans-1,2-Dichloroethene	0.0500	0.0504		mg/Kg		101	70 - 125	0	30
trans-1,3-Dichloropropene	0.0500	0.0524		mg/Kg		105	70 - 125	7	30
1,1,1-Trichloroethane	0.0500	0.0506		mg/Kg		101	70 - 128	2	30
1,1,2-Trichloroethane	0.0500	0.0503		mg/Kg		101	70 - 125	7	30
Trichloroethene	0.0500	0.0516		mg/Kg		103	70 - 125	3	30
Vinyl acetate	0.0500	0.0545		mg/Kg		109	40 - 153	7	30
Vinyl chloride	0.0500	0.0587		mg/Kg		117	70 - 125	1	30
Xylenes, Total	0.100	0.0949		mg/Kg		95	53 - 147	3	30

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	99		75 - 131
Dibromofluoromethane	98		75 - 126
1,2-Dichloroethane-d4 (Surr)	96		70 - 134
Toluene-d8 (Surr)	101		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-823459/6

Matrix: Solid

Analysis Batch: 823459

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			06/26/25 12:15	1
Benzene	<0.0020		0.0020	0.00063	mg/Kg			06/26/25 12:15	1
Bromodichloromethane	<0.0020		0.0020	0.00064	mg/Kg			06/26/25 12:15	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg			06/26/25 12:15	1
Bromomethane	<0.0050		0.0050	0.0025	mg/Kg			06/26/25 12:15	1
2-Butanone (MEK)	<0.0050		0.0050	0.0022	mg/Kg			06/26/25 12:15	1
Carbon disulfide	<0.0050		0.0050	0.00092	mg/Kg			06/26/25 12:15	1
Carbon tetrachloride	<0.0020		0.0020	0.00068	mg/Kg			06/26/25 12:15	1
Chlorobenzene	<0.0020		0.0020	0.00084	mg/Kg			06/26/25 12:15	1
Chloroethane	<0.0050		0.0050	0.0016	mg/Kg			06/26/25 12:15	1
Chloroform	<0.0020		0.0020	0.0014	mg/Kg			06/26/25 12:15	1
Chloromethane	<0.0050		0.0050	0.00097	mg/Kg			06/26/25 12:15	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00081	mg/Kg			06/26/25 12:15	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00080	mg/Kg			06/26/25 12:15	1
Dibromochloromethane	<0.0020		0.0020	0.00093	mg/Kg			06/26/25 12:15	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0035	mg/Kg			06/26/25 12:15	1
1,1-Dichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/26/25 12:15	1
1,2-Dichloroethane	<0.0050		0.0050	0.0013	mg/Kg			06/26/25 12:15	1
1,1-Dichloroethene	<0.0020		0.0020	0.00082	mg/Kg			06/26/25 12:15	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg			06/26/25 12:15	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00096	mg/Kg			06/26/25 12:15	1
Ethylbenzene	<0.0020		0.0020	0.0011	mg/Kg			06/26/25 12:15	1
2-Hexanone	<0.0050		0.0050	0.0030	mg/Kg			06/26/25 12:15	1
Methylene Chloride	<0.0050		0.0050	0.0021	mg/Kg			06/26/25 12:15	1
4-Methyl-2-pentanone (MIBK)	<0.0050		0.0050	0.0036	mg/Kg			06/26/25 12:15	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00065	mg/Kg			06/26/25 12:15	1
Styrene	<0.0020		0.0020	0.00090	mg/Kg			06/26/25 12:15	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00099	mg/Kg			06/26/25 12:15	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg			06/26/25 12:15	1
Toluene	<0.0020		0.0020	0.00040	mg/Kg			06/26/25 12:15	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00076	mg/Kg			06/26/25 12:15	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00096	mg/Kg			06/26/25 12:15	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00081	mg/Kg			06/26/25 12:15	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/26/25 12:15	1
Trichloroethene	<0.0020		0.0020	0.00054	mg/Kg			06/26/25 12:15	1
Vinyl acetate	<0.0050		0.0050	0.0012	mg/Kg			06/26/25 12:15	1
Vinyl chloride	<0.0020		0.0020	0.00082	mg/Kg			06/26/25 12:15	1
Xylenes, Total	<0.0040		0.0040	0.00069	mg/Kg			06/26/25 12:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		75 - 131		06/26/25 12:15	1
Dibromofluoromethane	95		75 - 126		06/26/25 12:15	1
1,2-Dichloroethane-d4 (Surr)	90		70 - 134		06/26/25 12:15	1
Toluene-d8 (Surr)	107		75 - 124		06/26/25 12:15	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823459/2

Matrix: Solid

Analysis Batch: 823459

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	0.0355		mg/Kg		71	40 - 150
Benzene	0.0500	0.0591		mg/Kg		118	70 - 125
Bromodichloromethane	0.0500	0.0538		mg/Kg		108	67 - 129
Bromoform	0.0500	0.0491		mg/Kg		98	68 - 136
Bromomethane	0.0500	0.0422		mg/Kg		84	70 - 130
2-Butanone (MEK)	0.0500	0.0392		mg/Kg		78	47 - 138
Carbon disulfide	0.0500	0.0529		mg/Kg		106	70 - 129
Carbon tetrachloride	0.0500	0.0541		mg/Kg		108	75 - 125
Chlorobenzene	0.0500	0.0593		mg/Kg		119	50 - 150
Chloroethane	0.0500	0.0433		mg/Kg		87	75 - 125
Chloroform	0.0500	0.0563		mg/Kg		113	57 - 135
Chloromethane	0.0500	0.0344	*-	mg/Kg		69	70 - 125
cis-1,2-Dichloroethene	0.0500	0.0590		mg/Kg		118	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0600		mg/Kg		120	70 - 125
Dibromochloromethane	0.0500	0.0532		mg/Kg		106	69 - 125
1,2-Dibromo-3-Chloropropane	0.0500	0.0577		mg/Kg		115	60 - 136
1,1-Dichloroethane	0.0500	0.0546		mg/Kg		109	70 - 125
1,2-Dichloroethane	0.0500	0.0520		mg/Kg		104	70 - 130
1,1-Dichloroethene	0.0500	0.0524		mg/Kg		105	70 - 120
1,2-Dichloropropane	0.0500	0.0556		mg/Kg		111	70 - 125
Ethylbenzene	0.0500	0.0579		mg/Kg		116	61 - 136
2-Hexanone	0.0500	0.0410		mg/Kg		82	48 - 146
Methylene Chloride	0.0500	0.0496		mg/Kg		99	70 - 126
4-Methyl-2-pentanone (MIBK)	0.0500	0.0421		mg/Kg		84	50 - 148
Methyl tert-butyl ether	0.0500	0.0563		mg/Kg		113	50 - 140
Styrene	0.0500	0.0571		mg/Kg		114	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0597		mg/Kg		119	70 - 122
Tetrachloroethene	0.0500	0.0557		mg/Kg		111	70 - 124
Toluene	0.0500	0.0607		mg/Kg		121	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0597		mg/Kg		119	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0565		mg/Kg		113	70 - 125
1,1,1-Trichloroethane	0.0500	0.0543		mg/Kg		109	70 - 128
1,1,2-Trichloroethane	0.0500	0.0580		mg/Kg		116	70 - 125
Trichloroethene	0.0500	0.0585		mg/Kg		117	70 - 125
Vinyl acetate	0.0500	0.0441		mg/Kg		88	40 - 153
Vinyl chloride	0.0500	0.0435		mg/Kg		87	70 - 125
Xylenes, Total	0.100	0.116		mg/Kg		116	53 - 147

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	111		75 - 131
Dibromofluoromethane	95		75 - 126
1,2-Dichloroethane-d4 (Surr)	89		70 - 134
Toluene-d8 (Surr)	107		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCSD 500-823459/3

Matrix: Solid

Analysis Batch: 823459

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	0.0330		mg/Kg		66	40 - 150	7	30
Benzene	0.0500	0.0503		mg/Kg		101	70 - 125	16	30
Bromodichloromethane	0.0500	0.0467		mg/Kg		93	67 - 129	14	30
Bromoform	0.0500	0.0429		mg/Kg		86	68 - 136	13	30
Bromomethane	0.0500	0.0420		mg/Kg		84	70 - 130	0	30
2-Butanone (MEK)	0.0500	0.0374		mg/Kg		75	47 - 138	5	30
Carbon disulfide	0.0500	0.0460		mg/Kg		92	70 - 129	14	30
Carbon tetrachloride	0.0500	0.0461		mg/Kg		92	75 - 125	16	30
Chlorobenzene	0.0500	0.0511		mg/Kg		102	50 - 150	15	30
Chloroethane	0.0500	0.0449		mg/Kg		90	75 - 125	4	30
Chloroform	0.0500	0.0473		mg/Kg		95	57 - 135	17	30
Chloromethane	0.0500	0.0354		mg/Kg		71	70 - 125	3	30
cis-1,2-Dichloroethene	0.0500	0.0505		mg/Kg		101	70 - 125	16	30
cis-1,3-Dichloropropene	0.0500	0.0512		mg/Kg		102	70 - 125	16	30
Dibromochloromethane	0.0500	0.0474		mg/Kg		95	69 - 125	12	30
1,2-Dibromo-3-Chloropropane	0.0500	0.0517		mg/Kg		103	60 - 136	11	30
1,1-Dichloroethane	0.0500	0.0474		mg/Kg		95	70 - 125	14	30
1,2-Dichloroethane	0.0500	0.0457		mg/Kg		91	70 - 130	13	30
1,1-Dichloroethene	0.0500	0.0456		mg/Kg		91	70 - 120	14	30
1,2-Dichloropropane	0.0500	0.0487		mg/Kg		97	70 - 125	13	30
Ethylbenzene	0.0500	0.0500		mg/Kg		100	61 - 136	14	30
2-Hexanone	0.0500	0.0372		mg/Kg		74	48 - 146	10	30
Methylene Chloride	0.0500	0.0426		mg/Kg		85	70 - 126	15	30
4-Methyl-2-pentanone (MIBK)	0.0500	0.0376		mg/Kg		75	50 - 148	11	30
Methyl tert-butyl ether	0.0500	0.0503		mg/Kg		101	50 - 140	11	30
Styrene	0.0500	0.0493		mg/Kg		99	70 - 125	15	30
1,1,2,2-Tetrachloroethane	0.0500	0.0537		mg/Kg		107	70 - 122	11	30
Tetrachloroethene	0.0500	0.0482		mg/Kg		96	70 - 124	14	30
Toluene	0.0500	0.0521		mg/Kg		104	70 - 125	15	30
trans-1,2-Dichloroethene	0.0500	0.0511		mg/Kg		102	70 - 125	15	30
trans-1,3-Dichloropropene	0.0500	0.0503		mg/Kg		101	70 - 125	12	30
1,1,1-Trichloroethane	0.0500	0.0470		mg/Kg		94	70 - 128	14	30
1,1,2-Trichloroethane	0.0500	0.0523		mg/Kg		105	70 - 125	10	30
Trichloroethene	0.0500	0.0493		mg/Kg		99	70 - 125	17	30
Vinyl acetate	0.0500	0.0390		mg/Kg		78	40 - 153	12	30
Vinyl chloride	0.0500	0.0440		mg/Kg		88	70 - 125	1	30
Xylenes, Total	0.100	0.100		mg/Kg		100	53 - 147	15	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		75 - 131
Dibromofluoromethane	96		75 - 126
1,2-Dichloroethane-d4 (Surr)	90		70 - 134
Toluene-d8 (Surr)	108		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-823604/7

Matrix: Solid

Analysis Batch: 823604

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			06/27/25 11:11	1
Benzene	<0.0020		0.0020	0.00063	mg/Kg			06/27/25 11:11	1
Bromodichloromethane	<0.0020		0.0020	0.00064	mg/Kg			06/27/25 11:11	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg			06/27/25 11:11	1
Bromomethane	<0.0050		0.0050	0.0025	mg/Kg			06/27/25 11:11	1
2-Butanone (MEK)	<0.0050		0.0050	0.0022	mg/Kg			06/27/25 11:11	1
Carbon disulfide	<0.0050		0.0050	0.00092	mg/Kg			06/27/25 11:11	1
Carbon tetrachloride	<0.0020		0.0020	0.00068	mg/Kg			06/27/25 11:11	1
Chlorobenzene	<0.0020		0.0020	0.00084	mg/Kg			06/27/25 11:11	1
Chloroethane	<0.0050		0.0050	0.0016	mg/Kg			06/27/25 11:11	1
Chloroform	<0.0020		0.0020	0.0014	mg/Kg			06/27/25 11:11	1
Chloromethane	<0.0050		0.0050	0.00097	mg/Kg			06/27/25 11:11	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00081	mg/Kg			06/27/25 11:11	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00080	mg/Kg			06/27/25 11:11	1
Dibromochloromethane	<0.0020		0.0020	0.00093	mg/Kg			06/27/25 11:11	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0035	mg/Kg			06/27/25 11:11	1
1,1-Dichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/27/25 11:11	1
1,2-Dichloroethane	<0.0050		0.0050	0.0013	mg/Kg			06/27/25 11:11	1
1,1-Dichloroethene	<0.0020		0.0020	0.00082	mg/Kg			06/27/25 11:11	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg			06/27/25 11:11	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00096	mg/Kg			06/27/25 11:11	1
Ethylbenzene	<0.0020		0.0020	0.0011	mg/Kg			06/27/25 11:11	1
2-Hexanone	<0.0050		0.0050	0.0030	mg/Kg			06/27/25 11:11	1
Methylene Chloride	<0.0050		0.0050	0.0021	mg/Kg			06/27/25 11:11	1
4-Methyl-2-pentanone (MIBK)	<0.0050		0.0050	0.0036	mg/Kg			06/27/25 11:11	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00065	mg/Kg			06/27/25 11:11	1
Styrene	<0.0020		0.0020	0.00090	mg/Kg			06/27/25 11:11	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00099	mg/Kg			06/27/25 11:11	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg			06/27/25 11:11	1
Toluene	<0.0020		0.0020	0.00040	mg/Kg			06/27/25 11:11	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00076	mg/Kg			06/27/25 11:11	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00096	mg/Kg			06/27/25 11:11	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00081	mg/Kg			06/27/25 11:11	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/27/25 11:11	1
Trichloroethene	<0.0020		0.0020	0.00054	mg/Kg			06/27/25 11:11	1
Vinyl acetate	<0.0050		0.0050	0.0012	mg/Kg			06/27/25 11:11	1
Vinyl chloride	<0.0020		0.0020	0.00082	mg/Kg			06/27/25 11:11	1
Xylenes, Total	<0.0040		0.0040	0.00069	mg/Kg			06/27/25 11:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		75 - 131		06/27/25 11:11	1
Dibromofluoromethane	93		75 - 126		06/27/25 11:11	1
1,2-Dichloroethane-d4 (Surr)	92		70 - 134		06/27/25 11:11	1
Toluene-d8 (Surr)	106		75 - 124		06/27/25 11:11	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823604/4

Matrix: Solid

Analysis Batch: 823604

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	0.0365		mg/Kg		73	40 - 150
Benzene	0.0500	0.0558		mg/Kg		112	70 - 125
Bromodichloromethane	0.0500	0.0507		mg/Kg		101	67 - 129
Bromoform	0.0500	0.0452		mg/Kg		90	68 - 136
Bromomethane	0.0500	0.0478		mg/Kg		96	70 - 130
2-Butanone (MEK)	0.0500	0.0402		mg/Kg		80	47 - 138
Carbon disulfide	0.0500	0.0503		mg/Kg		101	70 - 129
Carbon tetrachloride	0.0500	0.0513		mg/Kg		103	75 - 125
Chlorobenzene	0.0500	0.0550		mg/Kg		110	50 - 150
Chloroethane	0.0500	0.0481		mg/Kg		96	75 - 125
Chloroform	0.0500	0.0519		mg/Kg		104	57 - 135
Chloromethane	0.0500	0.0437		mg/Kg		87	70 - 125
cis-1,2-Dichloroethene	0.0500	0.0553		mg/Kg		111	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0543		mg/Kg		109	70 - 125
Dibromochloromethane	0.0500	0.0498		mg/Kg		100	69 - 125
1,2-Dibromo-3-Chloropropane	0.0500	0.0560		mg/Kg		112	60 - 136
1,1-Dichloroethane	0.0500	0.0519		mg/Kg		104	70 - 125
1,2-Dichloroethane	0.0500	0.0491		mg/Kg		98	70 - 130
1,1-Dichloroethene	0.0500	0.0501		mg/Kg		100	70 - 120
1,2-Dichloropropane	0.0500	0.0526		mg/Kg		105	70 - 125
Ethylbenzene	0.0500	0.0549		mg/Kg		110	61 - 136
2-Hexanone	0.0500	0.0373		mg/Kg		75	48 - 146
Methylene Chloride	0.0500	0.0491		mg/Kg		98	70 - 126
4-Methyl-2-pentanone (MIBK)	0.0500	0.0393		mg/Kg		79	50 - 148
Methyl tert-butyl ether	0.0500	0.0541		mg/Kg		108	50 - 140
Styrene	0.0500	0.0536		mg/Kg		107	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0551		mg/Kg		110	70 - 122
Tetrachloroethene	0.0500	0.0524		mg/Kg		105	70 - 124
Toluene	0.0500	0.0561		mg/Kg		112	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0566		mg/Kg		113	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0526		mg/Kg		105	70 - 125
1,1,1-Trichloroethane	0.0500	0.0522		mg/Kg		104	70 - 128
1,1,2-Trichloroethane	0.0500	0.0553		mg/Kg		111	70 - 125
Trichloroethene	0.0500	0.0566		mg/Kg		113	70 - 125
Vinyl acetate	0.0500	0.0389		mg/Kg		78	40 - 153
Vinyl chloride	0.0500	0.0512		mg/Kg		102	70 - 125
Xylenes, Total	0.100	0.109		mg/Kg		109	53 - 147

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	114		75 - 131
Dibromofluoromethane	95		75 - 126
1,2-Dichloroethane-d4 (Surr)	92		70 - 134
Toluene-d8 (Surr)	106		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCSD 500-823604/5

Matrix: Solid

Analysis Batch: 823604

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	0.0354		mg/Kg		71	40 - 150	3	30
Benzene	0.0500	0.0533		mg/Kg		107	70 - 125	5	30
Bromodichloromethane	0.0500	0.0484		mg/Kg		97	67 - 129	4	30
Bromoform	0.0500	0.0435		mg/Kg		87	68 - 136	4	30
Bromomethane	0.0500	0.0461		mg/Kg		92	70 - 130	4	30
2-Butanone (MEK)	0.0500	0.0365		mg/Kg		73	47 - 138	10	30
Carbon disulfide	0.0500	0.0495		mg/Kg		99	70 - 129	1	30
Carbon tetrachloride	0.0500	0.0504		mg/Kg		101	75 - 125	2	30
Chlorobenzene	0.0500	0.0543		mg/Kg		109	50 - 150	1	30
Chloroethane	0.0500	0.0479		mg/Kg		96	75 - 125	1	30
Chloroform	0.0500	0.0506		mg/Kg		101	57 - 135	2	30
Chloromethane	0.0500	0.0421		mg/Kg		84	70 - 125	4	30
cis-1,2-Dichloroethene	0.0500	0.0539		mg/Kg		108	70 - 125	3	30
cis-1,3-Dichloropropene	0.0500	0.0537		mg/Kg		107	70 - 125	1	30
Dibromochloromethane	0.0500	0.0482		mg/Kg		96	69 - 125	3	30
1,2-Dibromo-3-Chloropropane	0.0500	0.0511		mg/Kg		102	60 - 136	9	30
1,1-Dichloroethane	0.0500	0.0502		mg/Kg		100	70 - 125	3	30
1,2-Dichloroethane	0.0500	0.0472		mg/Kg		94	70 - 130	4	30
1,1-Dichloroethene	0.0500	0.0483		mg/Kg		97	70 - 120	4	30
1,2-Dichloropropane	0.0500	0.0509		mg/Kg		102	70 - 125	3	30
Ethylbenzene	0.0500	0.0527		mg/Kg		105	61 - 136	4	30
2-Hexanone	0.0500	0.0353		mg/Kg		71	48 - 146	5	30
Methylene Chloride	0.0500	0.0494		mg/Kg		99	70 - 126	1	30
4-Methyl-2-pentanone (MIBK)	0.0500	0.0371		mg/Kg		74	50 - 148	6	30
Methyl tert-butyl ether	0.0500	0.0521		mg/Kg		104	50 - 140	4	30
Styrene	0.0500	0.0513		mg/Kg		103	70 - 125	4	30
1,1,2,2-Tetrachloroethane	0.0500	0.0518		mg/Kg		104	70 - 122	6	30
Tetrachloroethene	0.0500	0.0514		mg/Kg		103	70 - 124	2	30
Toluene	0.0500	0.0555		mg/Kg		111	70 - 125	1	30
trans-1,2-Dichloroethene	0.0500	0.0555		mg/Kg		111	70 - 125	2	30
trans-1,3-Dichloropropene	0.0500	0.0513		mg/Kg		103	70 - 125	2	30
1,1,1-Trichloroethane	0.0500	0.0506		mg/Kg		101	70 - 128	3	30
1,1,2-Trichloroethane	0.0500	0.0527		mg/Kg		105	70 - 125	5	30
Trichloroethene	0.0500	0.0544		mg/Kg		109	70 - 125	4	30
Vinyl acetate	0.0500	0.0363		mg/Kg		73	40 - 153	7	30
Vinyl chloride	0.0500	0.0488		mg/Kg		98	70 - 125	5	30
Xylenes, Total	0.100	0.105		mg/Kg		105	53 - 147	3	30

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	114		75 - 131
Dibromofluoromethane	95		75 - 126
1,2-Dichloroethane-d4 (Surr)	90		70 - 134
Toluene-d8 (Surr)	108		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-823845/8

Matrix: Solid

Analysis Batch: 823845

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			06/30/25 11:25	1
Benzene	<0.0020		0.0020	0.00063	mg/Kg			06/30/25 11:25	1
Bromodichloromethane	<0.0020		0.0020	0.00064	mg/Kg			06/30/25 11:25	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg			06/30/25 11:25	1
Bromomethane	<0.0050		0.0050	0.0025	mg/Kg			06/30/25 11:25	1
2-Butanone (MEK)	<0.0050		0.0050	0.0022	mg/Kg			06/30/25 11:25	1
Carbon disulfide	<0.0050		0.0050	0.00092	mg/Kg			06/30/25 11:25	1
Carbon tetrachloride	<0.0020		0.0020	0.00068	mg/Kg			06/30/25 11:25	1
Chlorobenzene	<0.0020		0.0020	0.00084	mg/Kg			06/30/25 11:25	1
Chloroethane	<0.0050		0.0050	0.0016	mg/Kg			06/30/25 11:25	1
Chloroform	<0.0020		0.0020	0.0014	mg/Kg			06/30/25 11:25	1
Chloromethane	<0.0050		0.0050	0.00097	mg/Kg			06/30/25 11:25	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00081	mg/Kg			06/30/25 11:25	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00080	mg/Kg			06/30/25 11:25	1
Dibromochloromethane	<0.0020		0.0020	0.00093	mg/Kg			06/30/25 11:25	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0035	mg/Kg			06/30/25 11:25	1
1,1-Dichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/30/25 11:25	1
1,2-Dichloroethane	<0.0050		0.0050	0.0013	mg/Kg			06/30/25 11:25	1
1,1-Dichloroethene	<0.0020		0.0020	0.00082	mg/Kg			06/30/25 11:25	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg			06/30/25 11:25	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00096	mg/Kg			06/30/25 11:25	1
Ethylbenzene	<0.0020		0.0020	0.0011	mg/Kg			06/30/25 11:25	1
2-Hexanone	<0.0050		0.0050	0.0030	mg/Kg			06/30/25 11:25	1
Methylene Chloride	<0.0050		0.0050	0.0021	mg/Kg			06/30/25 11:25	1
4-Methyl-2-pentanone (MIBK)	<0.0050		0.0050	0.0036	mg/Kg			06/30/25 11:25	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00065	mg/Kg			06/30/25 11:25	1
Styrene	<0.0020		0.0020	0.00090	mg/Kg			06/30/25 11:25	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00099	mg/Kg			06/30/25 11:25	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg			06/30/25 11:25	1
Toluene	<0.0020		0.0020	0.00040	mg/Kg			06/30/25 11:25	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00076	mg/Kg			06/30/25 11:25	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00096	mg/Kg			06/30/25 11:25	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00081	mg/Kg			06/30/25 11:25	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/30/25 11:25	1
Trichloroethene	<0.0020		0.0020	0.00054	mg/Kg			06/30/25 11:25	1
Vinyl acetate	<0.0050		0.0050	0.0012	mg/Kg			06/30/25 11:25	1
Vinyl chloride	<0.0020		0.0020	0.00082	mg/Kg			06/30/25 11:25	1
Xylenes, Total	<0.0040		0.0040	0.00069	mg/Kg			06/30/25 11:25	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		75 - 131		06/30/25 11:25	1
Dibromofluoromethane	100		75 - 126		06/30/25 11:25	1
1,2-Dichloroethane-d4 (Surr)	100		70 - 134		06/30/25 11:25	1
Toluene-d8 (Surr)	103		75 - 124		06/30/25 11:25	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823845/6

Matrix: Solid

Analysis Batch: 823845

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	0.0429		mg/Kg		86	40 - 150
Benzene	0.0500	0.0519		mg/Kg		104	70 - 125
Bromodichloromethane	0.0500	0.0491		mg/Kg		98	67 - 129
Bromoform	0.0500	0.0489		mg/Kg		98	68 - 136
Bromomethane	0.0500	0.0576		mg/Kg		115	70 - 130
2-Butanone (MEK)	0.0500	0.0469		mg/Kg		94	47 - 138
Carbon disulfide	0.0500	0.0497		mg/Kg		99	70 - 129
Carbon tetrachloride	0.0500	0.0441		mg/Kg		88	75 - 125
Chlorobenzene	0.0500	0.0484		mg/Kg		97	50 - 150
Chloroethane	0.0500	0.0490		mg/Kg		98	75 - 125
Chloroform	0.0500	0.0458		mg/Kg		92	57 - 135
Chloromethane	0.0500	0.0522		mg/Kg		104	70 - 125
cis-1,2-Dichloroethene	0.0500	0.0495		mg/Kg		99	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0525		mg/Kg		105	70 - 125
Dibromochloromethane	0.0500	0.0497		mg/Kg		99	69 - 125
1,2-Dibromo-3-Chloropropane	0.0500	0.0506		mg/Kg		101	60 - 136
1,1-Dichloroethane	0.0500	0.0491		mg/Kg		98	70 - 125
1,2-Dichloroethane	0.0500	0.0475		mg/Kg		95	70 - 130
1,1-Dichloroethene	0.0500	0.0492		mg/Kg		98	70 - 120
1,2-Dichloropropane	0.0500	0.0508		mg/Kg		102	70 - 125
Ethylbenzene	0.0500	0.0548		mg/Kg		110	61 - 136
2-Hexanone	0.0500	0.0520		mg/Kg		104	48 - 146
Methylene Chloride	0.0500	0.0516		mg/Kg		103	70 - 126
4-Methyl-2-pentanone (MIBK)	0.0500	0.0538		mg/Kg		108	50 - 148
Methyl tert-butyl ether	0.0500	0.0477		mg/Kg		95	50 - 140
Styrene	0.0500	0.0539		mg/Kg		108	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0575		mg/Kg		115	70 - 122
Tetrachloroethene	0.0500	0.0490		mg/Kg		98	70 - 124
Toluene	0.0500	0.0465		mg/Kg		93	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0487		mg/Kg		97	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0501		mg/Kg		100	70 - 125
1,1,1-Trichloroethane	0.0500	0.0465		mg/Kg		93	70 - 128
1,1,2-Trichloroethane	0.0500	0.0512		mg/Kg		102	70 - 125
Trichloroethene	0.0500	0.0469		mg/Kg		94	70 - 125
Vinyl acetate	0.0500	0.0545		mg/Kg		109	40 - 153
Vinyl chloride	0.0500	0.0526		mg/Kg		105	70 - 125
Xylenes, Total	0.100	0.0988		mg/Kg		99	53 - 147

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	98		75 - 131
Dibromofluoromethane	98		75 - 126
1,2-Dichloroethane-d4 (Surr)	99		70 - 134
Toluene-d8 (Surr)	102		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCSD 500-823845/9

Matrix: Solid

Analysis Batch: 823845

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	0.0334		mg/Kg		67	40 - 150	25	30
Benzene	0.0500	0.0429		mg/Kg		86	70 - 125	19	30
Bromodichloromethane	0.0500	0.0411		mg/Kg		82	67 - 129	18	30
Bromoform	0.0500	0.0385		mg/Kg		77	68 - 136	24	30
Bromomethane	0.0500	0.0441		mg/Kg		88	70 - 130	27	30
2-Butanone (MEK)	0.0500	0.0376		mg/Kg		75	47 - 138	22	30
Carbon disulfide	0.0500	0.0421		mg/Kg		84	70 - 129	17	30
Carbon tetrachloride	0.0500	0.0372	*-	mg/Kg		74	75 - 125	17	30
Chlorobenzene	0.0500	0.0402		mg/Kg		80	50 - 150	18	30
Chloroethane	0.0500	0.0389		mg/Kg		78	75 - 125	23	30
Chloroform	0.0500	0.0378		mg/Kg		76	57 - 135	19	30
Chloromethane	0.0500	0.0409		mg/Kg		82	70 - 125	24	30
cis-1,2-Dichloroethene	0.0500	0.0418		mg/Kg		84	70 - 125	17	30
cis-1,3-Dichloropropene	0.0500	0.0446		mg/Kg		89	70 - 125	16	30
Dibromochloromethane	0.0500	0.0408		mg/Kg		82	69 - 125	20	30
1,2-Dibromo-3-Chloropropane	0.0500	0.0396		mg/Kg		79	60 - 136	24	30
1,1-Dichloroethane	0.0500	0.0405		mg/Kg		81	70 - 125	19	30
1,2-Dichloroethane	0.0500	0.0387		mg/Kg		77	70 - 130	20	30
1,1-Dichloroethene	0.0500	0.0409		mg/Kg		82	70 - 120	18	30
1,2-Dichloropropane	0.0500	0.0429		mg/Kg		86	70 - 125	17	30
Ethylbenzene	0.0500	0.0449		mg/Kg		90	61 - 136	20	30
2-Hexanone	0.0500	0.0430		mg/Kg		86	48 - 146	19	30
Methylene Chloride	0.0500	0.0437		mg/Kg		87	70 - 126	17	30
4-Methyl-2-pentanone (MIBK)	0.0500	0.0439		mg/Kg		88	50 - 148	20	30
Methyl tert-butyl ether	0.0500	0.0390		mg/Kg		78	50 - 140	20	30
Styrene	0.0500	0.0444		mg/Kg		89	70 - 125	19	30
1,1,2,2-Tetrachloroethane	0.0500	0.0479		mg/Kg		96	70 - 122	18	30
Tetrachloroethene	0.0500	0.0404		mg/Kg		81	70 - 124	19	30
Toluene	0.0500	0.0392		mg/Kg		78	70 - 125	17	30
trans-1,2-Dichloroethene	0.0500	0.0417		mg/Kg		83	70 - 125	15	30
trans-1,3-Dichloropropene	0.0500	0.0414		mg/Kg		83	70 - 125	19	30
1,1,1-Trichloroethane	0.0500	0.0383		mg/Kg		77	70 - 128	19	30
1,1,2-Trichloroethane	0.0500	0.0424		mg/Kg		85	70 - 125	19	30
Trichloroethene	0.0500	0.0391		mg/Kg		78	70 - 125	18	30
Vinyl acetate	0.0500	0.0449		mg/Kg		90	40 - 153	19	30
Vinyl chloride	0.0500	0.0426		mg/Kg		85	70 - 125	21	30
Xylenes, Total	0.100	0.0823		mg/Kg		82	53 - 147	18	30

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	102		75 - 131
Dibromofluoromethane	99		75 - 126
1,2-Dichloroethane-d4 (Surr)	101		70 - 134
Toluene-d8 (Surr)	107		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-823218/1-A

Matrix: Solid

Analysis Batch: 823426

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 823218

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		06/25/25 07:38	06/26/25 11:47	1
1,2-Dichlorobenzene	<0.17		0.17	0.014	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
1,3-Dichlorobenzene	<0.17		0.17	0.015	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
1,4-Dichlorobenzene	<0.17		0.17	0.016	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,2'-oxybis[1-chloropropane]	<0.17		0.17	0.024	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,4,5-Trichlorophenol	<0.33		0.33	0.013	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,4,6-Trichlorophenol	<0.33		0.33	0.011	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,4-Dichlorophenol	<0.33		0.33	0.012	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,4-Dimethylphenol	<0.33		0.33	0.074	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,4-Dinitrophenol	<0.67		0.67	0.19	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,4-Dinitrotoluene	<0.17		0.17	0.019	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,6-Dinitrotoluene	<0.17		0.17	0.023	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2-Chloronaphthalene	<0.17		0.17	0.012	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2-Chlorophenol	<0.17		0.17	0.011	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2-Methylnaphthalene	<0.067		0.067	0.0067	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2-Methylphenol	<0.17		0.17	0.018	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2-Nitroaniline	<0.17		0.17	0.018	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2-Nitrophenol	<0.33		0.33	0.023	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
3 & 4 Methylphenol	<0.17		0.17	0.024	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
3,3'-Dichlorobenzidine	<0.17		0.17	0.15	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
3-Nitroaniline	<0.33		0.33	0.015	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
4,6-Dinitro-2-methylphenol	<0.67		0.67	0.19	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
4-Bromophenyl phenyl ether	<0.17		0.17	0.023	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
4-Chloro-3-methylphenol	<0.33		0.33	0.028	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
4-Chloroaniline	<0.67		0.67	0.35	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
4-Chlorophenyl phenyl ether	<0.17		0.17	0.044	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
4-Nitroaniline	<0.33		0.33	0.025	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
4-Nitrophenol	<0.67		0.67	0.36	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Acenaphthene	<0.033		0.033	0.0068	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Acenaphthylene	<0.033		0.033	0.0056	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Anthracene	<0.033		0.033	0.0068	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Benzo[a]anthracene	<0.033		0.033	0.0070	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Benzo[a]pyrene	<0.033		0.033	0.032	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Benzo[b]fluoranthene	<0.033		0.033	0.032	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Benzo[g,h,i]perylene	<0.033		0.033	0.015	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Benzo[k]fluoranthene	<0.033		0.033	0.013	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Bis(2-chloroethoxy)methane	<0.17		0.17	0.012	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Bis(2-chloroethyl)ether	<0.17		0.17	0.015	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Bis(2-ethylhexyl) phthalate	<0.17		0.17	0.13	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Butyl benzyl phthalate	<0.17		0.17	0.017	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Carbazole	<0.17		0.17	0.013	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Chrysene	<0.033		0.033	0.0088	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Dibenz(a,h)anthracene	<0.033		0.033	0.033	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Dibenzofuran	<0.17		0.17	0.012	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Diethyl phthalate	<0.17		0.17	0.015	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Dimethyl phthalate	<0.17		0.17	0.0072	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Di-n-butyl phthalate	<0.17		0.17	0.011	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Di-n-octyl phthalate	<0.33		0.33	0.23	mg/Kg		06/25/25 07:38	06/26/25 11:47	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-823218/1-A

Matrix: Solid

Analysis Batch: 823426

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 823218

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	<0.033		0.033	0.0077	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Fluorene	<0.033		0.033	0.0098	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Hexachlorobenzene	<0.067		0.067	0.0064	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Hexachlorobutadiene	<0.17		0.17	0.019	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Hexachlorocyclopentadiene	<0.67		0.67	0.35	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Hexachloroethane	<0.17		0.17	0.017	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Indeno[1,2,3-cd]pyrene	<0.033		0.033	0.032	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Isophorone	<0.17		0.17	0.017	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Naphthalene	<0.033		0.033	0.0060	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Nitrobenzene	<0.033		0.033	0.011	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
N-Nitrosodi-n-propylamine	<0.067		0.067	0.019	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
N-Nitrosodiphenylamine	<0.17		0.17	0.066	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Pentachlorophenol	<0.67		0.67	0.37	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Phenanthrene	<0.033		0.033	0.0072	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Phenol	<0.17		0.17	0.014	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Pyrene	<0.033		0.033	0.0091	mg/Kg		06/25/25 07:38	06/26/25 11:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	86		31 - 166	06/25/25 07:38	06/26/25 11:47	1
Phenol-d5 (Surr)	89		30 - 153	06/25/25 07:38	06/26/25 11:47	1
Nitrobenzene-d5 (Surr)	101		37 - 147	06/25/25 07:38	06/26/25 11:47	1
2-Fluorobiphenyl (Surr)	86		43 - 145	06/25/25 07:38	06/26/25 11:47	1
2,4,6-Tribromophenol (Surr)	86		31 - 143	06/25/25 07:38	06/26/25 11:47	1
Terphenyl-d14 (Surr)	96		42 - 157	06/25/25 07:38	06/26/25 11:47	1

Lab Sample ID: LCS 500-823218/2-A

Matrix: Solid

Analysis Batch: 823426

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823218

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	3.33	2.28		mg/Kg		68	49 - 100
1,2-Dichlorobenzene	3.33	2.15		mg/Kg		64	47 - 94
1,3-Dichlorobenzene	3.33	2.17		mg/Kg		65	47 - 92
1,4-Dichlorobenzene	3.33	2.18		mg/Kg		65	46 - 92
2,2'-oxybis[1-chloropropane]	3.33	2.94		mg/Kg		88	43 - 111
2,4,5-Trichlorophenol	3.33	2.93		mg/Kg		88	48 - 121
2,4,6-Trichlorophenol	3.33	2.82		mg/Kg		85	50 - 121
2,4-Dichlorophenol	3.33	2.49		mg/Kg		75	51 - 109
2,4-Dimethylphenol	3.33	2.54		mg/Kg		76	48 - 93
2,4-Dinitrophenol	6.67	5.79		mg/Kg		87	10 - 130
2,4-Dinitrotoluene	3.33	2.97		mg/Kg		89	65 - 120
2,6-Dinitrotoluene	3.33	3.05		mg/Kg		91	66 - 117
2-Chloronaphthalene	3.33	2.61		mg/Kg		78	60 - 107
2-Chlorophenol	3.33	2.58		mg/Kg		77	50 - 102
2-Methylnaphthalene	3.33	2.57		mg/Kg		77	58 - 103
2-Methylphenol	3.33	2.34		mg/Kg		70	50 - 104
2-Nitroaniline	3.33	3.53		mg/Kg		106	61 - 126
2-Nitrophenol	3.33	2.70		mg/Kg		81	41 - 114

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823218/2-A

Matrix: Solid

Analysis Batch: 823426

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823218

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
3 & 4 Methylphenol	3.33	2.42		mg/Kg		73	49 - 109
3,3'-Dichlorobenzidine	3.33	2.74		mg/Kg		82	36 - 131
3-Nitroaniline	3.33	2.84		mg/Kg		85	44 - 124
4,6-Dinitro-2-methylphenol	6.67	7.01		mg/Kg		105	36 - 138
4-Bromophenyl phenyl ether	3.33	3.07		mg/Kg		92	57 - 124
4-Chloro-3-methylphenol	3.33	2.67		mg/Kg		80	57 - 113
4-Chloroaniline	3.33	2.20		mg/Kg		66	22 - 110
4-Chlorophenyl phenyl ether	3.33	2.48		mg/Kg		75	60 - 112
4-Nitroaniline	3.33	3.02		mg/Kg		91	60 - 115
4-Nitrophenol	6.67	4.48		mg/Kg		67	45 - 126
Acenaphthene	3.33	2.61		mg/Kg		78	63 - 109
Acenaphthylene	3.33	2.81		mg/Kg		84	61 - 115
Anthracene	3.33	3.09		mg/Kg		93	68 - 120
Benzo[a]anthracene	3.33	2.82		mg/Kg		85	70 - 121
Benzo[a]pyrene	3.33	3.32		mg/Kg		100	73 - 132
Benzo[b]fluoranthene	3.33	3.53		mg/Kg		106	68 - 123
Benzo[g,h,i]perylene	3.33	3.14		mg/Kg		94	65 - 126
Benzo[k]fluoranthene	3.33	3.04		mg/Kg		91	64 - 128
Bis(2-chloroethoxy)methane	3.33	2.68		mg/Kg		80	54 - 102
Bis(2-chloroethyl)ether	3.33	2.70		mg/Kg		81	49 - 99
Bis(2-ethylhexyl) phthalate	3.33	3.22		mg/Kg		97	70 - 139
Butyl benzyl phthalate	3.33	3.12		mg/Kg		94	65 - 140
Carbazole	3.33	3.09		mg/Kg		93	68 - 120
Chrysene	3.33	2.91		mg/Kg		87	70 - 123
Dibenz(a,h)anthracene	3.33	2.75		mg/Kg		82	66 - 125
Dibenzofuran	3.33	2.60		mg/Kg		78	64 - 112
Diethyl phthalate	3.33	2.94		mg/Kg		88	66 - 115
Dimethyl phthalate	3.33	2.89		mg/Kg		87	65 - 114
Di-n-butyl phthalate	3.33	3.19		mg/Kg		96	69 - 125
Di-n-octyl phthalate	3.33	3.30		mg/Kg		99	61 - 131
Fluoranthene	3.33	3.09		mg/Kg		93	66 - 123
Fluorene	3.33	2.62		mg/Kg		79	62 - 113
Hexachlorobenzene	3.33	3.11		mg/Kg		93	52 - 126
Hexachlorobutadiene	3.33	2.32		mg/Kg		70	42 - 103
Hexachlorocyclopentadiene	3.33	1.80		mg/Kg		54	10 - 100
Hexachloroethane	3.33	2.23		mg/Kg		67	45 - 95
Indeno[1,2,3-cd]pyrene	3.33	3.51		mg/Kg		105	66 - 131
Isophorone	3.33	2.93		mg/Kg		88	47 - 108
Naphthalene	3.33	2.40		mg/Kg		72	54 - 98
Nitrobenzene	3.33	3.14		mg/Kg		94	52 - 105
N-Nitrosodi-n-propylamine	3.33	2.77		mg/Kg		83	48 - 110
N-Nitrosodiphenylamine	3.33	3.04		mg/Kg		91	67 - 112
Pentachlorophenol	6.67	4.81		mg/Kg		72	32 - 128
Phenanthrene	3.33	3.03		mg/Kg		91	65 - 115
Phenol	3.33	2.52		mg/Kg		76	52 - 110
Pyrene	3.33	3.07		mg/Kg		92	71 - 128

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823218/2-A

Matrix: Solid

Analysis Batch: 823426

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823218

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
2-Fluorophenol (Surr)	79		31 - 166
Phenol-d5 (Surr)	80		30 - 153
Nitrobenzene-d5 (Surr)	94		37 - 147
2-Fluorobiphenyl (Surr)	83		43 - 145
2,4,6-Tribromophenol (Surr)	91		31 - 143
Terphenyl-d14 (Surr)	95		42 - 157

Lab Sample ID: MB 500-823337/1-A

Matrix: Solid

Analysis Batch: 823620

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 823337

Analyte	MB	MB							
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.17		0.17	0.024	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
1,2-Dichlorobenzene	<0.17		0.17	0.014	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
1,3-Dichlorobenzene	<0.17		0.17	0.015	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
1,4-Dichlorobenzene	<0.17		0.17	0.016	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,2'-oxybis[1-chloropropane]	<0.17		0.17	0.024	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,4,5-Trichlorophenol	<0.33		0.33	0.013	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,4,6-Trichlorophenol	<0.33		0.33	0.011	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,4-Dichlorophenol	<0.33		0.33	0.012	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,4-Dimethylphenol	<0.33		0.33	0.074	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,4-Dinitrophenol	<0.67		0.67	0.19	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,4-Dinitrotoluene	<0.17		0.17	0.019	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,6-Dinitrotoluene	<0.17		0.17	0.023	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2-Chloronaphthalene	<0.17		0.17	0.012	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2-Chlorophenol	<0.17		0.17	0.011	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2-Methylnaphthalene	<0.067		0.067	0.0067	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2-Methylphenol	<0.17		0.17	0.018	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2-Nitroaniline	<0.17		0.17	0.018	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2-Nitrophenol	<0.33		0.33	0.023	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
3 & 4 Methylphenol	<0.17		0.17	0.024	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
3,3'-Dichlorobenzidine	<0.17		0.17	0.15	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
3-Nitroaniline	<0.33		0.33	0.015	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
4,6-Dinitro-2-methylphenol	<0.67		0.67	0.19	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
4-Bromophenyl phenyl ether	<0.17		0.17	0.023	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
4-Chloro-3-methylphenol	<0.33		0.33	0.028	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
4-Chloroaniline	<0.67		0.67	0.35	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
4-Chlorophenyl phenyl ether	<0.17		0.17	0.044	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
4-Nitroaniline	<0.33		0.33	0.025	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
4-Nitrophenol	<0.67		0.67	0.36	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Acenaphthene	<0.033		0.033	0.0068	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Acenaphthylene	<0.033		0.033	0.0056	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Anthracene	<0.033		0.033	0.0068	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Benzo[a]anthracene	<0.033		0.033	0.0070	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Benzo[a]pyrene	<0.033		0.033	0.032	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Benzo[b]fluoranthene	<0.033		0.033	0.032	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Benzo[g,h,i]perylene	<0.033		0.033	0.015	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Benzo[k]fluoranthene	<0.033		0.033	0.013	mg/Kg		06/25/25 14:04	06/27/25 11:53	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-823337/1-A

Matrix: Solid

Analysis Batch: 823620

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 823337

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	<0.17		0.17	0.012	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Bis(2-chloroethyl)ether	<0.17		0.17	0.015	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Bis(2-ethylhexyl) phthalate	<0.17		0.17	0.13	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Butyl benzyl phthalate	<0.17		0.17	0.017	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Carbazole	<0.17		0.17	0.013	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Chrysene	<0.033		0.033	0.0088	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Dibenz(a,h)anthracene	<0.033		0.033	0.033	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Dibenzofuran	<0.17		0.17	0.012	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Diethyl phthalate	0.0239	J	0.17	0.015	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Dimethyl phthalate	<0.17		0.17	0.0072	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Di-n-butyl phthalate	<0.17		0.17	0.011	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Di-n-octyl phthalate	<0.33		0.33	0.23	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Fluoranthene	<0.033		0.033	0.0077	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Fluorene	<0.033		0.033	0.0098	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Hexachlorobenzene	<0.067		0.067	0.0064	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Hexachlorobutadiene	<0.17		0.17	0.019	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Hexachlorocyclopentadiene	<0.67		0.67	0.35	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Hexachloroethane	<0.17		0.17	0.017	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Indeno[1,2,3-cd]pyrene	<0.033		0.033	0.032	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Isophorone	<0.17		0.17	0.017	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Naphthalene	<0.033		0.033	0.0060	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Nitrobenzene	<0.033		0.033	0.011	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
N-Nitrosodi-n-propylamine	<0.067		0.067	0.019	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
N-Nitrosodiphenylamine	<0.17		0.17	0.066	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Pentachlorophenol	<0.67		0.67	0.37	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Phenanthrene	<0.033		0.033	0.0072	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Phenol	<0.17		0.17	0.014	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Pyrene	<0.033		0.033	0.0091	mg/Kg		06/25/25 14:04	06/27/25 11:53	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	83		31 - 166	06/25/25 14:04	06/27/25 11:53	1
Phenol-d5 (Surr)	80		30 - 153	06/25/25 14:04	06/27/25 11:53	1
Nitrobenzene-d5 (Surr)	80		37 - 147	06/25/25 14:04	06/27/25 11:53	1
2-Fluorobiphenyl (Surr)	86		43 - 145	06/25/25 14:04	06/27/25 11:53	1
2,4,6-Tribromophenol (Surr)	76		31 - 143	06/25/25 14:04	06/27/25 11:53	1
Terphenyl-d14 (Surr)	100		42 - 157	06/25/25 14:04	06/27/25 11:53	1

Lab Sample ID: LCS 500-823337/2-A

Matrix: Solid

Analysis Batch: 823422

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823337

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	3.33	2.38		mg/Kg		71	49 - 100
1,2-Dichlorobenzene	3.33	2.36		mg/Kg		71	47 - 94
1,3-Dichlorobenzene	3.33	2.27		mg/Kg		68	47 - 92
1,4-Dichlorobenzene	3.33	2.30		mg/Kg		69	46 - 92
2,2'-oxybis[1-chloropropane]	3.33	2.42		mg/Kg		73	43 - 111
2,4,5-Trichlorophenol	3.33	2.76		mg/Kg		83	48 - 121

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823337/2-A

Matrix: Solid

Analysis Batch: 823422

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823337

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,6-Trichlorophenol	3.33	2.85		mg/Kg		85	50 - 121
2,4-Dichlorophenol	3.33	2.56		mg/Kg		77	51 - 109
2,4-Dimethylphenol	3.33	2.63		mg/Kg		79	48 - 93
2,4-Dinitrophenol	6.67	6.83		mg/Kg		103	10 - 130
2,4-Dinitrotoluene	3.33	3.13		mg/Kg		94	65 - 120
2,6-Dinitrotoluene	3.33	2.90		mg/Kg		87	66 - 117
2-Chloronaphthalene	3.33	2.72		mg/Kg		82	60 - 107
2-Chlorophenol	3.33	2.44		mg/Kg		73	50 - 102
2-Methylnaphthalene	3.33	2.89		mg/Kg		87	58 - 103
2-Methylphenol	3.33	2.52		mg/Kg		76	50 - 104
2-Nitroaniline	3.33	3.09		mg/Kg		93	61 - 126
2-Nitrophenol	3.33	2.62		mg/Kg		79	41 - 114
3 & 4 Methylphenol	3.33	2.50		mg/Kg		75	49 - 109
3,3'-Dichlorobenzidine	3.33	2.51		mg/Kg		75	36 - 131
3-Nitroaniline	3.33	2.83		mg/Kg		85	44 - 124
4,6-Dinitro-2-methylphenol	6.67	6.55		mg/Kg		98	36 - 138
4-Bromophenyl phenyl ether	3.33	2.86		mg/Kg		86	57 - 124
4-Chloro-3-methylphenol	3.33	2.77		mg/Kg		83	57 - 113
4-Chloroaniline	3.33	2.38		mg/Kg		71	22 - 110
4-Chlorophenyl phenyl ether	3.33	2.79		mg/Kg		84	60 - 112
4-Nitroaniline	3.33	3.00		mg/Kg		90	60 - 115
4-Nitrophenol	6.67	4.72		mg/Kg		71	45 - 126
Acenaphthene	3.33	2.73		mg/Kg		82	63 - 109
Acenaphthylene	3.33	2.87		mg/Kg		86	61 - 115
Anthracene	3.33	3.10		mg/Kg		93	68 - 120
Benzo[a]anthracene	3.33	2.79		mg/Kg		84	70 - 121
Benzo[a]pyrene	3.33	3.01		mg/Kg		90	73 - 132
Benzo[b]fluoranthene	3.33	3.14		mg/Kg		94	68 - 123
Benzo[g,h,i]perylene	3.33	2.87		mg/Kg		86	65 - 126
Benzo[k]fluoranthene	3.33	2.90		mg/Kg		87	64 - 128
Bis(2-chloroethoxy)methane	3.33	2.54		mg/Kg		76	54 - 102
Bis(2-chloroethyl)ether	3.33	2.45		mg/Kg		74	49 - 99
Bis(2-ethylhexyl) phthalate	3.33	2.97		mg/Kg		89	70 - 139
Butyl benzyl phthalate	3.33	2.96		mg/Kg		89	65 - 140
Carbazole	3.33	3.14		mg/Kg		94	68 - 120
Chrysene	3.33	2.90		mg/Kg		87	70 - 123
Dibenz(a,h)anthracene	3.33	3.08		mg/Kg		92	66 - 125
Dibenzofuran	3.33	2.89		mg/Kg		87	64 - 112
Diethyl phthalate	3.33	3.00		mg/Kg		90	66 - 115
Dimethyl phthalate	3.33	2.90		mg/Kg		87	65 - 114
Di-n-butyl phthalate	3.33	3.16		mg/Kg		95	69 - 125
Di-n-octyl phthalate	3.33	3.16		mg/Kg		95	61 - 131
Fluoranthene	3.33	2.97		mg/Kg		89	66 - 123
Fluorene	3.33	2.84		mg/Kg		85	62 - 113
Hexachlorobenzene	3.33	2.95		mg/Kg		88	52 - 126
Hexachlorobutadiene	3.33	2.31		mg/Kg		69	42 - 103
Hexachlorocyclopentadiene	3.33	2.81		mg/Kg		84	10 - 100
Hexachloroethane	3.33	2.33		mg/Kg		70	45 - 95
Indeno[1,2,3-cd]pyrene	3.33	3.03		mg/Kg		91	66 - 131

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823337/2-A

Matrix: Solid

Analysis Batch: 823422

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823337

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Isophorone	3.33	2.60		mg/Kg		78	47 - 108
Naphthalene	3.33	2.41		mg/Kg		72	54 - 98
Nitrobenzene	3.33	2.42		mg/Kg		72	52 - 105
N-Nitrosodi-n-propylamine	3.33	2.62		mg/Kg		79	48 - 110
N-Nitrosodiphenylamine	3.33	3.05		mg/Kg		92	67 - 112
Pentachlorophenol	6.67	4.94		mg/Kg		74	32 - 128
Phenanthrene	3.33	2.99		mg/Kg		90	65 - 115
Phenol	3.33	2.49		mg/Kg		75	52 - 110
Pyrene	3.33	2.90		mg/Kg		87	71 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorophenol (Surr)	76		31 - 166
Phenol-d5 (Surr)	75		30 - 153
Nitrobenzene-d5 (Surr)	76		37 - 147
2-Fluorobiphenyl (Surr)	84		43 - 145
2,4,6-Tribromophenol (Surr)	83		31 - 143
Terphenyl-d14 (Surr)	91		42 - 157

Method: 6010D - Metals (ICP)

Lab Sample ID: LCS 500-822485/2-A

Matrix: Solid

Analysis Batch: 822772

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822485

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.100	0.0995		mg/L		99	80 - 120
Manganese	0.500	0.475		mg/L		95	80 - 120
Nickel	0.500	0.485		mg/L		97	80 - 120

Lab Sample ID: LCS 500-822509/2-A

Matrix: Solid

Analysis Batch: 822771

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822509

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.108		mg/L		108	80 - 120
Barium	0.500	0.499		mg/L		100	80 - 120
Beryllium	0.0500	0.0508		mg/L		102	80 - 120
Boron	1.00	0.959		mg/L		96	80 - 120
Cadmium	0.0500	0.0489		mg/L		98	80 - 120
Chromium	0.200	0.191		mg/L		95	80 - 120
Cobalt	0.500	0.520		mg/L		104	80 - 120
Copper	0.250	0.239		mg/L		96	80 - 120
Iron	1.00	1.05		mg/L		105	80 - 120
Lead	0.100	0.104		mg/L		104	80 - 120
Manganese	0.500	0.476		mg/L		95	80 - 120
Nickel	0.500	0.521		mg/L		104	80 - 120
Selenium	0.100	0.0986		mg/L		99	80 - 120
Silver	0.0500	0.0501		mg/L		100	80 - 120
Vanadium	0.500	0.481		mg/L		96	80 - 120

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-822509/2-A

Matrix: Solid

Analysis Batch: 822771

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822509

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	0.500	0.511		mg/L		102	80 - 120

Lab Sample ID: LCS 500-822645/2-A

Matrix: Solid

Analysis Batch: 823048

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822645

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.100	0.0982		mg/L		98	80 - 120

Lab Sample ID: LCS 500-822645/2-A

Matrix: Solid

Analysis Batch: 823997

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822645

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	0.500	0.465		mg/L		93	80 - 120
Nickel	0.500	0.518		mg/L		104	80 - 120

Lab Sample ID: LCS 500-822646/2-A

Matrix: Solid

Analysis Batch: 823443

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822646

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.110		mg/L		110	80 - 120
Barium	0.500	0.507		mg/L		101	80 - 120
Beryllium	0.0500	0.0481		mg/L		96	80 - 120
Cadmium	0.0500	0.0529		mg/L		106	80 - 120
Chromium	0.200	0.207		mg/L		103	80 - 120
Cobalt	0.500	0.530		mg/L		106	80 - 120
Copper	0.250	0.269		mg/L		108	80 - 120
Iron	1.00	0.980		mg/L		98	80 - 120
Lead	0.100	0.107		mg/L		107	80 - 120
Manganese	0.500	0.479		mg/L		96	80 - 120
Nickel	0.500	0.523		mg/L		105	80 - 120
Selenium	0.100	0.114		mg/L		114	80 - 120
Silver	0.0500	0.0573		mg/L		115	80 - 120
Vanadium	0.500	0.519		mg/L		104	80 - 120

Lab Sample ID: LCS 500-822646/2-A

Matrix: Solid

Analysis Batch: 823557

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822646

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.904		mg/L		90	80 - 120
Zinc	0.500	0.614	*+	mg/L		123	80 - 120

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-822696/1-A

Matrix: Solid

Analysis Batch: 823443

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 822696

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.0		2.0	0.39	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Arsenic	<1.0		1.0	0.34	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Barium	<1.0		1.0	0.11	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Beryllium	<0.40		0.40	0.093	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Boron	0.478	J	5.0	0.47	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Cadmium	<0.20		0.20	0.036	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Chromium	<1.0		1.0	0.50	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Copper	<1.0		1.0	0.28	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Iron	<20		20	10	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Magnesium	<10		10	5.0	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Nickel	<1.0		1.0	0.29	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Selenium	<1.0		1.0	0.59	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Silver	<0.50		0.50	0.13	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Thallium	<1.0		1.0	0.50	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Vanadium	<0.50		0.50	0.12	mg/Kg		06/20/25 16:12	06/26/25 02:20	1

Lab Sample ID: MB 500-822696/1-A

Matrix: Solid

Analysis Batch: 823757

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 822696

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	<0.50		0.50	0.13	mg/Kg		06/20/25 16:12	06/27/25 12:59	1
Lead	<0.50		0.50	0.23	mg/Kg		06/20/25 16:12	06/27/25 12:59	1
Manganese	<1.0		1.0	0.15	mg/Kg		06/20/25 16:12	06/27/25 12:59	1
Zinc	0.977	J	2.0	0.88	mg/Kg		06/20/25 16:12	06/27/25 12:59	1

Lab Sample ID: LCS 500-822696/2-A

Matrix: Solid

Analysis Batch: 823443

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822696

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	50.0	46.7		mg/Kg		93	80 - 120
Arsenic	10.0	9.43		mg/Kg		94	80 - 120
Barium	200	201		mg/Kg		100	80 - 120
Beryllium	5.00	4.48		mg/Kg		90	80 - 120
Boron	100	97.9		mg/Kg		98	80 - 120
Cadmium	5.00	5.02		mg/Kg		100	80 - 120
Chromium	20.0	20.6		mg/Kg		103	80 - 120
Copper	25.0	23.9		mg/Kg		96	80 - 120
Iron	100	111		mg/Kg		111	80 - 120
Magnesium	1000	1030		mg/Kg		103	80 - 120
Nickel	50.0	52.7		mg/Kg		105	80 - 120
Selenium	10.0	8.45		mg/Kg		85	80 - 120
Silver	5.00	4.68		mg/Kg		94	80 - 120
Thallium	10.0	10.6		mg/Kg		106	80 - 120
Vanadium	50.0	51.1		mg/Kg		102	80 - 120

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-822696/2-A
Matrix: Solid
Analysis Batch: 823757

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 822696

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cobalt	50.0	48.5		mg/Kg		97	80 - 120
Lead	10.0	9.97		mg/Kg		100	80 - 120
Manganese	50.0	48.5		mg/Kg		97	80 - 120
Zinc	50.0	48.5		mg/Kg		97	80 - 120

Lab Sample ID: MB 500-822697/1-A
Matrix: Solid
Analysis Batch: 823785

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 822697

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.0		2.0	0.39	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Arsenic	<1.0		1.0	0.34	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Barium	<1.0		1.0	0.11	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Beryllium	<0.40		0.40	0.093	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Boron	<5.0		5.0	0.47	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Cadmium	<0.20		0.20	0.036	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Chromium	<1.0		1.0	0.50	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Cobalt	<0.50		0.50	0.13	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Copper	<1.0		1.0	0.28	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Iron	<20		20	10	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Lead	<0.50		0.50	0.23	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Magnesium	<10		10	5.0	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Manganese	<1.0		1.0	0.15	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Nickel	<1.0		1.0	0.29	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Thallium	<1.0		1.0	0.50	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Vanadium	<0.50		0.50	0.12	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Zinc	0.953	J	2.0	0.88	mg/Kg		06/20/25 16:13	06/27/25 21:43	1

Lab Sample ID: MB 500-822697/1-A
Matrix: Solid
Analysis Batch: 823996

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 822697

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	<1.0		1.0	0.59	mg/Kg		06/20/25 16:13	06/30/25 11:43	1
Silver	<0.50		0.50	0.13	mg/Kg		06/20/25 16:13	06/30/25 11:43	1

Lab Sample ID: LCS 500-822697/2-A
Matrix: Solid
Analysis Batch: 823785

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 822697

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	50.0	48.2		mg/Kg		96	80 - 120
Arsenic	10.0	9.97		mg/Kg		100	80 - 120
Barium	200	205		mg/Kg		102	80 - 120
Beryllium	5.00	5.14		mg/Kg		103	80 - 120
Boron	100	103		mg/Kg		103	80 - 120
Cadmium	5.00	4.95		mg/Kg		99	80 - 120
Chromium	20.0	20.6		mg/Kg		103	80 - 120
Cobalt	50.0	50.2		mg/Kg		100	80 - 120

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-822697/2-A

Matrix: Solid

Analysis Batch: 823785

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Copper	25.0	26.1		mg/Kg		104	80 - 120
Iron	100	102		mg/Kg		102	80 - 120
Lead	10.0	9.96		mg/Kg		100	80 - 120
Magnesium	1000	1010		mg/Kg		101	80 - 120
Manganese	50.0	48.8		mg/Kg		98	80 - 120
Nickel	50.0	51.4		mg/Kg		103	80 - 120
Thallium	10.0	10.4		mg/Kg		104	80 - 120
Vanadium	50.0	50.1		mg/Kg		100	80 - 120
Zinc	50.0	54.2		mg/Kg		108	80 - 120

Lab Sample ID: LCS 500-822697/2-A

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	10.0	9.37		mg/Kg		94	80 - 120
Silver	5.00	4.49		mg/Kg		90	80 - 120

Lab Sample ID: 500-270096-16 MS

Matrix: Solid

Analysis Batch: 823785

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<1.2	F1	29.1	6.76	F1	mg/Kg	✱	23	75 - 125
Arsenic	7.2	F1 F2	5.81	11.0	F1	mg/Kg	✱	66	75 - 125
Barium	49	F2	116	138		mg/Kg	✱	77	75 - 125
Beryllium	0.79		2.91	3.23		mg/Kg	✱	84	75 - 125
Boron	21		58.1	72.3		mg/Kg	✱	88	75 - 125
Cadmium	0.13		2.91	2.44		mg/Kg	✱	80	75 - 125
Chromium	23		11.6	33.5		mg/Kg	✱	95	75 - 125
Cobalt	12	F1 F2	29.1	37.6		mg/Kg	✱	90	75 - 125
Copper	21		14.5	31.8		mg/Kg	✱	76	75 - 125
Iron	20000		58.1	19300	4	mg/Kg	✱	-2000	75 - 125
Magnesium	26000		581	24600	4	mg/Kg	✱	-249	75 - 125
Manganese	290	F2	29.1	286	4	mg/Kg	✱	-32	75 - 125
Nickel	32	F1 F2	29.1	57.0		mg/Kg	✱	85	75 - 125
Thallium	0.46	J	5.81	5.78		mg/Kg	✱	91	75 - 125
Vanadium	29		29.1	56.5		mg/Kg	✱	95	75 - 125
Zinc	70	B	29.1	94.5		mg/Kg	✱	83	75 - 125

Lab Sample ID: 500-270096-16 MS

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	<0.59		5.81	4.37		mg/Kg	✱	75	75 - 125
Silver	<0.29	L F1	2.91	1.36	F1	mg/Kg	✱	47	75 - 125

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: 500-270096-16 MS

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	14		5.81	19.1		mg/Kg	✱	82	75 - 125

Lab Sample ID: 500-270096-16 MSD

Matrix: Solid

Analysis Batch: 823785

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<1.2	F1	29.5	6.64	F1	mg/Kg	✱	22	75 - 125	2	20
Arsenic	7.2	F1 F2	5.90	15.2	F1 F2	mg/Kg	✱	135	75 - 125	32	20
Barium	49	F2	118	173	F2	mg/Kg	✱	105	75 - 125	22	20
Beryllium	0.79		2.95	3.31		mg/Kg	✱	85	75 - 125	2	20
Boron	21		59.0	71.4		mg/Kg	✱	85	75 - 125	1	20
Cadmium	0.13		2.95	2.51		mg/Kg	✱	81	75 - 125	2	20
Chromium	23		11.8	34.0		mg/Kg	✱	97	75 - 125	1	20
Cobalt	12	F1 F2	29.5	52.4	F1 F2	mg/Kg	✱	138	75 - 125	33	20
Copper	21		14.8	34.8		mg/Kg	✱	96	75 - 125	9	20
Iron	20000		59.0	23500	4	mg/Kg	✱	5146	75 - 125	20	20
Magnesium	26000		590	24900	4	mg/Kg	✱	-196	75 - 125	1	20
Manganese	290	F2	29.5	553	4 F2	mg/Kg	✱	875	75 - 125	64	20
Nickel	32	F1 F2	29.5	80.7	F1 F2	mg/Kg	✱	164	75 - 125	35	20
Thallium	0.46	J	5.90	6.20		mg/Kg	✱	97	75 - 125	7	20
Vanadium	29		29.5	58.9		mg/Kg	✱	101	75 - 125	4	20
Zinc	70	B	29.5	104		mg/Kg	✱	113	75 - 125	9	20

Lab Sample ID: 500-270096-16 MSD

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Selenium	<0.59		5.90	4.56		mg/Kg	✱	77	75 - 125	4	20
Silver	<0.29	L F1	2.95	1.13	F1	mg/Kg	✱	38	75 - 125	18	20

Lab Sample ID: 500-270096-16 MSD

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	14		5.90	21.4		mg/Kg	✱	120	75 - 125	11	20

Lab Sample ID: 500-270096-16 DU

Matrix: Solid

Analysis Batch: 823785

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<1.2	F1	<1.1		mg/Kg	✱	NC	20
Arsenic	7.2	F1 F2	7.21		mg/Kg	✱	0.3	20
Barium	49	F2	47.4		mg/Kg	✱	2	20
Beryllium	0.79		0.756		mg/Kg	✱	5	20
Boron	21		18.6		mg/Kg	✱	12	20

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: 500-270096-16 DU

Matrix: Solid

Analysis Batch: 823785

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Cadmium	0.13		0.122		mg/Kg	✱	5	20
Chromium	23		21.7		mg/Kg	✱	4	20
Cobalt	12	F1 F2	17.4	F3	mg/Kg	✱	40	20
Copper	21		21.5		mg/Kg	✱	4	20
Iron	20000		19900		mg/Kg	✱	3	20
Magnesium	26000		22100		mg/Kg	✱	16	20
Manganese	290	F2	366	F3	mg/Kg	✱	22	20
Nickel	32	F1 F2	36.9		mg/Kg	✱	13	20
Thallium	0.46	J	0.550	J	mg/Kg	✱	18	20
Vanadium	29		27.3		mg/Kg	✱	6	20
Zinc	70	B	68.8		mg/Kg	✱	2	20

Lab Sample ID: 500-270096-16 DU

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Selenium	<0.59		<0.56		mg/Kg	✱	NC	20
Silver	<0.29	L F1	<0.28	L	mg/Kg	✱	NC	20

Lab Sample ID: 500-270096-16 DU

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Lead	14		14.7		mg/Kg	✱	2	20

Lab Sample ID: MB 500-822848/1-A

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 822848

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	<1.0		1.0	0.59	mg/Kg		06/23/25 08:59	06/30/25 19:27	1
Silver	0.155	J	0.50	0.13	mg/Kg		06/23/25 08:59	06/30/25 19:27	1

Lab Sample ID: LCS 500-822848/2-A

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822848

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	10.0	9.31		mg/Kg		93	80 - 120
Silver	5.00	4.23		mg/Kg		85	80 - 120

Lab Sample ID: LB 500-822250/1-B

Matrix: Solid

Analysis Batch: 822771

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 822509

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00721	J	0.010	0.0037	mg/L		06/19/25 15:35	06/20/25 16:15	1
Barium	0.00284	J	0.010	0.0012	mg/L		06/19/25 15:35	06/20/25 16:15	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LB 500-822250/1-B

Matrix: Solid

Analysis Batch: 822771

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 822509

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.0040		0.0040	0.00089	mg/L		06/19/25 15:35	06/20/25 16:15	1
Boron	<0.50		0.50	0.0056	mg/L		06/19/25 15:35	06/20/25 16:15	1
Cadmium	<0.0050		0.0050	0.00043	mg/L		06/19/25 15:35	06/20/25 16:15	1
Chromium	0.00235	J	0.010	0.0017	mg/L		06/19/25 15:35	06/20/25 16:15	1
Cobalt	<0.0050		0.0050	0.00078	mg/L		06/19/25 15:35	06/20/25 16:15	1
Copper	<0.010		0.010	0.0018	mg/L		06/19/25 15:35	06/20/25 16:15	1
Iron	0.0957	J	0.40	0.082	mg/L		06/19/25 15:35	06/20/25 16:15	1
Lead	<0.0075		0.0075	0.0027	mg/L		06/19/25 15:35	06/20/25 16:15	1
Manganese	<0.010		0.010	0.0023	mg/L		06/19/25 15:35	06/20/25 16:15	1
Nickel	<0.010		0.010	0.0048	mg/L		06/19/25 15:35	06/20/25 16:15	1
Selenium	0.00570	J	0.050	0.0053	mg/L		06/19/25 15:35	06/20/25 16:15	1
Silver	<0.0050		0.0050	0.0015	mg/L		06/19/25 15:35	06/20/25 16:15	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		06/19/25 15:35	06/20/25 16:15	1
Zinc	<0.50		0.50	0.0050	mg/L		06/19/25 15:35	06/20/25 16:15	1

Lab Sample ID: LB 500-822394/1-B

Matrix: Solid

Analysis Batch: 823443

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 822646

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.010	0.0037	mg/L		06/20/25 13:17	06/26/25 00:09	1
Barium	0.00300	J	0.010	0.0012	mg/L		06/20/25 13:17	06/26/25 00:09	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		06/20/25 13:17	06/26/25 00:09	1
Cadmium	<0.0050		0.0050	0.00043	mg/L		06/20/25 13:17	06/26/25 00:09	1
Chromium	0.00189	J	0.010	0.0017	mg/L		06/20/25 13:17	06/26/25 00:09	1
Cobalt	<0.0050		0.0050	0.00078	mg/L		06/20/25 13:17	06/26/25 00:09	1
Copper	<0.010		0.010	0.0018	mg/L		06/20/25 13:17	06/26/25 00:09	1
Iron	<0.40		0.40	0.082	mg/L		06/20/25 13:17	06/26/25 00:09	1
Lead	<0.0075		0.0075	0.0027	mg/L		06/20/25 13:17	06/26/25 00:09	1
Manganese	<0.010		0.010	0.0023	mg/L		06/20/25 13:17	06/26/25 00:09	1
Nickel	<0.010		0.010	0.0048	mg/L		06/20/25 13:17	06/26/25 00:09	1
Selenium	0.00623	J	0.050	0.0053	mg/L		06/20/25 13:17	06/26/25 00:09	1
Silver	<0.0050		0.0050	0.0015	mg/L		06/20/25 13:17	06/26/25 00:09	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		06/20/25 13:17	06/26/25 00:09	1

Lab Sample ID: LB 500-822394/1-B

Matrix: Solid

Analysis Batch: 823557

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 822646

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.50		0.50	0.0056	mg/L		06/20/25 13:17	06/26/25 14:24	1
Zinc	<0.50		0.50	0.0050	mg/L		06/20/25 13:17	06/26/25 14:24	1

Lab Sample ID: LB 500-822251/1-B

Matrix: Solid

Analysis Batch: 822772

Client Sample ID: Method Blank

Prep Type: SPLP East

Prep Batch: 822485

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.0075		0.0075	0.0027	mg/L		06/19/25 13:59	06/20/25 15:29	1

Eurofins Chicago

QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LB 500-822251/1-B

Matrix: Solid

Analysis Batch: 822772

Client Sample ID: Method Blank

Prep Type: SPLP East

Prep Batch: 822485

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	<0.010		0.010	0.0023	mg/L		06/19/25 13:59	06/20/25 15:29	1
Nickel	<0.010		0.010	0.0048	mg/L		06/19/25 13:59	06/20/25 15:29	1

Lab Sample ID: LB 500-822412/1-B

Matrix: Solid

Analysis Batch: 823048

Client Sample ID: Method Blank

Prep Type: SPLP East

Prep Batch: 822645

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.0075		0.0075	0.0027	mg/L		06/20/25 13:15	06/24/25 00:58	1

Lab Sample ID: LB 500-822412/1-B

Matrix: Solid

Analysis Batch: 823997

Client Sample ID: Method Blank

Prep Type: SPLP East

Prep Batch: 822645

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	<0.010		0.010	0.0023	mg/L		06/20/25 13:15	07/01/25 02:52	1
Nickel	<0.010		0.010	0.0048	mg/L		06/20/25 13:15	07/01/25 02:52	1

Lab Sample ID: 500-270096-15 MS

Matrix: Solid

Analysis Batch: 823048

Client Sample ID: 3641V-08-B01 (0-2)

Prep Type: SPLP East

Prep Batch: 822645

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.070		0.100	0.175		mg/L		105	75 - 125

Lab Sample ID: 500-270096-15 MS

Matrix: Solid

Analysis Batch: 823997

Client Sample ID: 3641V-08-B01 (0-2)

Prep Type: SPLP East

Prep Batch: 822645

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	0.53		0.500	1.01		mg/L		96	75 - 125
Nickel	0.23		0.500	0.763		mg/L		107	75 - 125

Lab Sample ID: 500-270096-15 DU

Matrix: Solid

Analysis Batch: 823048

Client Sample ID: 3641V-08-B01 (0-2)

Prep Type: SPLP East

Prep Batch: 822645

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Lead	0.070		0.0762		mg/L		9	20

Lab Sample ID: 500-270096-15 DU

Matrix: Solid

Analysis Batch: 823997

Client Sample ID: 3641V-08-B01 (0-2)

Prep Type: SPLP East

Prep Batch: 822645

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Manganese	0.53		0.618		mg/L		16	20
Nickel	0.23		0.255		mg/L		11	20

Eurofins Chicago

QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: LCS 500-822509/2-A

Matrix: Solid

Analysis Batch: 823349

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822509

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.566		mg/L		113	80 - 120
Thallium	0.100	0.107		mg/L		107	80 - 120

Lab Sample ID: LCS 500-822646/2-A

Matrix: Solid

Analysis Batch: 823349

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822646

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.577		mg/L		115	80 - 120
Thallium	0.100	0.108		mg/L		108	80 - 120

Lab Sample ID: LB 500-822250/1-B

Matrix: Solid

Analysis Batch: 823349

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 822509

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0060	mg/L		06/19/25 15:35	06/25/25 12:12	1
Thallium	<0.0020		0.0020	0.0020	mg/L		06/19/25 15:35	06/25/25 12:12	1

Lab Sample ID: LB 500-822394/1-B

Matrix: Solid

Analysis Batch: 823349

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 822646

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0060	mg/L		06/20/25 13:17	06/25/25 13:50	1
Thallium	<0.0020		0.0020	0.0020	mg/L		06/20/25 13:17	06/25/25 13:50	1

Method: 7470A - Mercury

Lab Sample ID: MB 500-822891/12-A

Matrix: Solid

Analysis Batch: 823110

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 822891

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/23/25 11:05	06/24/25 10:29	1

Lab Sample ID: LCS 500-822891/14-A

Matrix: Solid

Analysis Batch: 823110

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822891

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00227		mg/L		114	80 - 120

Lab Sample ID: MB 500-823094/12-A

Matrix: Solid

Analysis Batch: 823301

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 823094

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/24/25 11:05	06/25/25 11:25	1

Eurofins Chicago

QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Method: 7470A - Mercury (Continued)

Lab Sample ID: LCS 500-823094/14-A

Matrix: Solid

Analysis Batch: 823301

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823094

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00201		mg/L		101	80 - 120

Lab Sample ID: MB 500-823485/12-A

Matrix: Solid

Analysis Batch: 823684

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 823485

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/26/25 11:10	06/27/25 09:19	1

Lab Sample ID: LCS 500-823485/14-A

Matrix: Solid

Analysis Batch: 823684

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823485

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00182		mg/L		91	80 - 120

Lab Sample ID: LB 500-822250/1-C

Matrix: Solid

Analysis Batch: 823110

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 822891

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000296		0.00020	0.00020	mg/L		06/23/25 11:05	06/24/25 10:31	1

Lab Sample ID: LB 500-822394/1-C

Matrix: Solid

Analysis Batch: 823301

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 823094

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000214		0.00020	0.00020	mg/L		06/24/25 11:05	06/25/25 12:08	1

Lab Sample ID: LB 500-822250/1-D

Matrix: Solid

Analysis Batch: 823684

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 823485

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000227		0.00020	0.00020	mg/L		06/26/25 11:10	06/27/25 09:50	1

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 500-823672/12-A

Matrix: Solid

Analysis Batch: 823885

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 823672

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.017		0.017	0.0069	mg/Kg		06/27/25 14:00	06/30/25 08:21	1

Eurofins Chicago

QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823672/13-A

Matrix: Solid

Analysis Batch: 823885

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823672

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.167	0.153		mg/Kg		92	80 - 120

Lab Sample ID: 500-270096-9 MS

Matrix: Solid

Analysis Batch: 823885

Client Sample ID: 3641V-05-B02 (5-10)

Prep Type: Total/NA

Prep Batch: 823672

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.021		0.0872	0.120		mg/Kg	✱	114	75 - 125

Lab Sample ID: 500-270096-9 MSD

Matrix: Solid

Analysis Batch: 823885

Client Sample ID: 3641V-05-B02 (5-10)

Prep Type: Total/NA

Prep Batch: 823672

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.021		0.0887	0.118		mg/Kg	✱	110	75 - 125	2	20

Lab Sample ID: 500-270096-9 DU

Matrix: Solid

Analysis Batch: 823885

Client Sample ID: 3641V-05-B02 (5-10)

Prep Type: Total/NA

Prep Batch: 823672

Analyte	Sample Result	Sample Qualifier	Spike Added	DU Result	DU Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.021			0.0155	J F5	mg/Kg	✱			28	20

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

Lab Sample ID: MB 500-822449/1-A

Matrix: Solid

Analysis Batch: 822763

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 822449

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.24		0.24	0.12	mg/Kg		06/19/25 13:17	06/19/25 16:39	1

Lab Sample ID: LCS 500-822449/2-A

Matrix: Solid

Analysis Batch: 822763

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822449

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	2.40	2.30		mg/Kg		96	85 - 115

Lab Sample ID: 500-270096-1 MS

Matrix: Solid

Analysis Batch: 822763

Client Sample ID: 3641V-01-B02 (0-7)

Prep Type: Total/NA

Prep Batch: 822449

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	<0.25		2.50	2.45		mg/Kg	✱	98	75 - 125

Eurofins Chicago

QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: 500-270096-1 MSD

Matrix: Solid

Analysis Batch: 822763

Client Sample ID: 3641V-01-B02 (0-7)

Prep Type: Total/NA

Prep Batch: 822449

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	<0.25		2.57	2.52		mg/Kg	✱	98	75 - 125	3	20

Lab Sample ID: 500-270096-15 MS

Matrix: Solid

Analysis Batch: 822763

Client Sample ID: 3641V-08-B01 (0-2)

Prep Type: Total/NA

Prep Batch: 822449

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	<0.26	F1 F2	2.68	1.28	F1	mg/Kg	✱	48	75 - 125		

Lab Sample ID: 500-270096-15 MSD

Matrix: Solid

Analysis Batch: 822763

Client Sample ID: 3641V-08-B01 (0-2)

Prep Type: Total/NA

Prep Batch: 822449

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	<0.26	F1 F2	2.59	0.337	F1 F2	mg/Kg	✱	13	75 - 125	117	20

Method: 9045D - pH

Lab Sample ID: 500-270096-14 DU

Matrix: Solid

Analysis Batch: 822679

Client Sample ID: 3641V-10-B01 (0-2)

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	8.3		8.0		SU		3	5

Lab Sample ID: 500-270096-14 DU

Matrix: Solid

Analysis Batch: 822833

Client Sample ID: 3641V-10-B01 (0-2)

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	8.3		8.0		SU		3	5

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-01-B02 (0-7)

Lab Sample ID: 500-270096-1

Date Collected: 06/16/25 10:45

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:22
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		5	823048	S1Z	EET CHI	06/23/25 23:29
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:10
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 12:45
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 10:53
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:25
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-01-B02 (0-7)

Lab Sample ID: 500-270096-1

Date Collected: 06/16/25 10:45

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 14:36
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 19:10
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/27/25 22:36
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 17:31
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 17:35
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:24
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:41

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Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-01-B02 (7-13)

Lab Sample ID: 500-270096-2

Date Collected: 06/16/25 10:50

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:26
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		5	823048	S1Z	EET CHI	06/23/25 23:33
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:23
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 12:49
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 10:55
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:27
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-01-B02 (7-13)

Lab Sample ID: 500-270096-2

Date Collected: 06/16/25 10:50

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 15:02
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 12:36
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/28/25 01:36
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 21:15
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 21:20
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:26
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:43

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-01-B01 (0-3)

Lab Sample ID: 500-270096-3

Date Collected: 06/16/25 11:05

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:31
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:28
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 12:53
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 10:57
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:30
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-01-B01 (0-3)

Lab Sample ID: 500-270096-3

Date Collected: 06/16/25 11:05

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 86.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823845	PMF	EET CHI	06/30/25 12:15
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 17:32
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/28/25 01:40
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 21:24
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 21:28
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:28
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:44

Client Sample ID: 3641V-05-B01 (0-5)

Lab Sample ID: 500-270096-4

Date Collected: 06/16/25 11:10

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:35

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B01 (0-5)

Lab Sample ID: 500-270096-4

Date Collected: 06/16/25 11:10

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		5	823048	S1Z	EET CHI	06/23/25 23:38
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:32
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 12:57
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 10:59
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:34
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B01 (0-5)

Lab Sample ID: 500-270096-4

Date Collected: 06/16/25 11:10

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 15:52
Total/NA	Prep	3546			823337	LH	EET CHI	06/25/25 14:04
Total/NA	Analysis	8270E		1	823422	GLR	EET CHI	06/26/25 12:50
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/28/25 01:45
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 21:33
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 21:37
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:30
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:45

Client Sample ID: 3641V-05-B01 (5-10)

Lab Sample ID: 500-270096-5

Date Collected: 06/16/25 11:15

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:39

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B01 (5-10)

Lab Sample ID: 500-270096-5

Date Collected: 06/16/25 11:15

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		5	823048	S1Z	EET CHI	06/23/25 23:42
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:37
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:01
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:01
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:37
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B01 (5-10)

Lab Sample ID: 500-270096-5

Date Collected: 06/16/25 11:15

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 16:17
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 13:01
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/28/25 01:49
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 21:42
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 21:46
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:31
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:46

Client Sample ID: 3641V-05-B01 (10-15)

Lab Sample ID: 500-270096-6

Date Collected: 06/16/25 11:20

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:44

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B01 (10-15)

Lab Sample ID: 500-270096-6

Date Collected: 06/16/25 11:20

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:42
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:05
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:03
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:39
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B01 (10-15)

Lab Sample ID: 500-270096-6

Date Collected: 06/16/25 11:20

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 16:43
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 19:59
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/28/25 01:54
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 21:59
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		10	823996	S1Z	EET CHI	06/30/25 22:03
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:33
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:46

Client Sample ID: 3641V-05-B02 (0-5)

Lab Sample ID: 500-270096-7

Date Collected: 06/16/25 11:35

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:48
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		5	823048	S1Z	EET CHI	06/23/25 23:47

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B02 (0-5)

Lab Sample ID: 500-270096-7

Date Collected: 06/16/25 11:35

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:46
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:09
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:04
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:42
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B02 (0-5)

Lab Sample ID: 500-270096-7

Date Collected: 06/16/25 11:35

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 17:08
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 13:25
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/28/25 01:58
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 22:08
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		5	824132	SJ	EET CHI	07/01/25 12:21
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:35
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:49

Client Sample ID: 3641V-05-B02 (0-5)D

Lab Sample ID: 500-270096-8

Date Collected: 06/16/25 11:40

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:52
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:51

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B02 (0-5)D

Lab Sample ID: 500-270096-8

Date Collected: 06/16/25 11:40

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:14
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:06
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:47
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B02 (0-5)D

Lab Sample ID: 500-270096-8

Date Collected: 06/16/25 11:40

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 17:33
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 14:14
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/28/25 02:03
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 22:12
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		5	824132	SJ	EET CHI	07/01/25 12:25
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:43
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:50

Client Sample ID: 3641V-05-B02 (5-10)

Lab Sample ID: 500-270096-9

Date Collected: 06/16/25 11:45

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:56
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:55
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:26

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B02 (5-10)

Lab Sample ID: 500-270096-9

Date Collected: 06/16/25 11:45

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:08
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:44
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B02 (5-10)

Lab Sample ID: 500-270096-9

Date Collected: 06/16/25 11:45

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823604	MM	EET CHI	06/27/25 14:27
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 17:56
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823757	S1Z	EET CHI	06/27/25 14:35
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823757	S1Z	EET CHI	06/27/25 15:54
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823767	S1Z	EET CHI	06/27/25 15:54
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823443	S1Z	EET CHI	06/26/25 04:02
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:45
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:51

Client Sample ID: 3641V-05-B03 (0-5)

Lab Sample ID: 500-270096-10

Date Collected: 06/16/25 11:55

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 17:01
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 18:00
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:30
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:10

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B03 (0-5)

Lab Sample ID: 500-270096-10

Date Collected: 06/16/25 11:55

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:49
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B03 (0-5)

Lab Sample ID: 500-270096-10

Date Collected: 06/16/25 11:55

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 83.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 12:03
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 18:21
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823757	S1Z	EET CHI	06/27/25 14:48
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823757	S1Z	EET CHI	06/27/25 15:58
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823767	S1Z	EET CHI	06/27/25 15:58
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823443	S1Z	EET CHI	06/26/25 04:06
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:52
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:51

Client Sample ID: 3641V-05-B03 (5-10)

Lab Sample ID: 500-270096-11

Date Collected: 06/16/25 12:00

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 17:14
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 18:05
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:34
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:16
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:52
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B03 (5-10)

Lab Sample ID: 500-270096-11

Date Collected: 06/16/25 12:00

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 12:28
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 18:46
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823757	S1Z	EET CHI	06/27/25 14:52
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823757	S1Z	EET CHI	06/27/25 16:02
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823767	S1Z	EET CHI	06/27/25 16:02
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823443	S1Z	EET CHI	06/26/25 04:10
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:54
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:53

Client Sample ID: 3641V-05-B04 (0-2)

Lab Sample ID: 500-270096-12

Date Collected: 06/16/25 12:05

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 17:18
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 18:18
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:38
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			823485	MJG	EET CHI	06/26/25 11:10 - 06/26/25 13:10 ¹
TCLP	Analysis	7470A		1	823684	MJG	EET CHI	06/27/25 09:55
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:54
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B04 (0-2)

Lab Sample ID: 500-270096-12

Date Collected: 06/16/25 12:05

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 12:54

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B04 (0-2)

Lab Sample ID: 500-270096-12

Date Collected: 06/16/25 12:05

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 15:53
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823757	S1Z	EET CHI	06/27/25 14:57
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823767	S1Z	EET CHI	06/27/25 16:07
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823443	S1Z	EET CHI	06/26/25 04:15
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:56
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:53

Client Sample ID: 3641V-09-B01 (0-2)

Lab Sample ID: 500-270096-13

Date Collected: 06/16/25 12:10

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 17:23
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 18:23
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:42
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:20
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:57
Total/NA	Analysis	Moisture		1	822310	RB	EET CHI	06/18/25 15:36

Client Sample ID: 3641V-09-B01 (0-2)

Lab Sample ID: 500-270096-13

Date Collected: 06/16/25 12:10

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 13:19
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 16:18
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823757	S1Z	EET CHI	06/27/25 15:01

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-09-B01 (0-2)

Lab Sample ID: 500-270096-13

Date Collected: 06/16/25 12:10

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823767	S1Z	EET CHI	06/27/25 16:11
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823443	S1Z	EET CHI	06/26/25 04:19
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:57
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:53

Client Sample ID: 3641V-10-B01 (0-2)

Lab Sample ID: 500-270096-14

Date Collected: 06/16/25 12:15

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 17:27
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 18:27
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:46
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:21
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 14:01
Total/NA	Analysis	Moisture		1	822310	RB	EET CHI	06/18/25 15:36

Client Sample ID: 3641V-10-B01 (0-2)

Lab Sample ID: 500-270096-14

Date Collected: 06/16/25 12:15

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 13:45
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 14:39
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823757	S1Z	EET CHI	06/27/25 15:06
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	824227	S1Z	EET CHI	07/01/25 18:19
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823443	S1Z	EET CHI	06/26/25 04:33

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-10-B01 (0-2)

Lab Sample ID: 500-270096-14

Date Collected: 06/16/25 12:15

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:59
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:55

Client Sample ID: 3641V-08-B01 (0-2)

Lab Sample ID: 500-270096-15

Date Collected: 06/16/25 12:20

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822412	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
SPLP East	Prep	3010A			822645	MS	EET CHI	06/20/25 13:15 - 06/20/25 19:15 ¹
SPLP East	Analysis	6010D		1	823997	SJ	EET CHI	07/01/25 03:00
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823443	S1Z	EET CHI	06/25/25 16:19
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823557	S1Z	EET CHI	06/26/25 14:33
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 14:07
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	7470A			823094	MJG	EET CHI	06/24/25 11:05 - 06/24/25 13:05 ¹
TCLP	Analysis	7470A		1	823301	MJG	EET CHI	06/25/25 12:10
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 14:06
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-08-B01 (0-2)

Lab Sample ID: 500-270096-15

Date Collected: 06/16/25 12:20

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823604	MM	EET CHI	06/27/25 14:55
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 19:35
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823757	S1Z	EET CHI	06/27/25 15:10
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823757	S1Z	EET CHI	06/27/25 16:15
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823767	S1Z	EET CHI	06/27/25 16:15
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823443	S1Z	EET CHI	06/26/25 04:37

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-08-B01 (0-2)

Lab Sample ID: 500-270096-15

Date Collected: 06/16/25 12:20

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 09:06
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:55

Client Sample ID: 3641V-06-B02 (0-2)

Lab Sample ID: 500-270096-16

Date Collected: 06/16/25 12:25

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822412	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
SPLP East	Prep	3010A			822645	MS	EET CHI	06/20/25 13:15 - 06/20/25 19:15 ¹
SPLP East	Analysis	6010D		1	823997	SJ	EET CHI	07/01/25 03:18
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823443	S1Z	EET CHI	06/25/25 16:24
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823557	S1Z	EET CHI	06/26/25 14:52
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 14:11
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	7470A			823094	MJG	EET CHI	06/24/25 11:05 - 06/24/25 13:05 ¹
TCLP	Analysis	7470A		1	823301	MJG	EET CHI	06/25/25 12:12
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 14:09
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-06-B02 (0-2)

Lab Sample ID: 500-270096-16

Date Collected: 06/16/25 12:25

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 83.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823459	MM	EET CHI	06/26/25 18:44
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 16:42
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/27/25 21:52
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 16:04
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 16:08
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 09:08

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-06-B02 (0-2)

Lab Sample ID: 500-270096-16

Date Collected: 06/16/25 12:25

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 83.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 17:00

Client Sample ID: 3641V-06-B01 (0-2)

Lab Sample ID: 500-270096-17

Date Collected: 06/16/25 12:30

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822412	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
SPLP East	Prep	3010A			822645	MS	EET CHI	06/20/25 13:15 - 06/20/25 19:15 ¹
SPLP East	Analysis	6010D		1	823997	SJ	EET CHI	07/01/25 03:22
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823443	S1Z	EET CHI	06/25/25 16:28
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823557	S1Z	EET CHI	06/26/25 14:56
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 14:15
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	7470A			823094	MJG	EET CHI	06/24/25 11:05 - 06/24/25 13:05 ¹
TCLP	Analysis	7470A		1	823301	MJG	EET CHI	06/25/25 12:27
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 14:11
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-06-B01 (0-2)

Lab Sample ID: 500-270096-17

Date Collected: 06/16/25 12:30

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 88.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823459	MM	EET CHI	06/26/25 19:11
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 17:07
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/27/25 22:23
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 16:56
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 17:01
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 09:09
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 17:00

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-04-B02 (0-2)

Lab Sample ID: 500-270096-18

Date Collected: 06/16/25 12:35

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822412	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
SPLP East	Prep	3010A			822645	MS	EET CHI	06/20/25 13:15 - 06/20/25 19:15 ¹
SPLP East	Analysis	6010D		1	823997	SJ	EET CHI	07/01/25 03:26
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823443	S1Z	EET CHI	06/25/25 16:42
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823557	S1Z	EET CHI	06/26/25 15:01
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 14:19
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	7470A			823094	MJG	EET CHI	06/24/25 11:05 - 06/24/25 13:05 ¹
TCLP	Analysis	7470A		1	823301	MJG	EET CHI	06/25/25 12:29
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 14:14
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-04-B02 (0-2)

Lab Sample ID: 500-270096-18

Date Collected: 06/16/25 12:35

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823459	MM	EET CHI	06/26/25 19:38
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 15:04
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/27/25 22:27
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 17:05
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 17:09
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 09:11
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 17:01

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-04-B01 (0-2)

Lab Sample ID: 500-270096-19

Date Collected: 06/16/25 12:40

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822412	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
SPLP East	Prep	3010A			822645	MS	EET CHI	06/20/25 13:15 - 06/20/25 19:15 ¹
SPLP East	Analysis	6010D		1	823997	SJ	EET CHI	07/01/25 03:31
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823443	S1Z	EET CHI	06/25/25 16:46
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823557	S1Z	EET CHI	06/26/25 15:06
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 14:23
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	7470A			823094	MJG	EET CHI	06/24/25 11:05 - 06/24/25 13:05 ¹
TCLP	Analysis	7470A		1	823301	MJG	EET CHI	06/25/25 12:31
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 14:16
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-04-B01 (0-2)

Lab Sample ID: 500-270096-19

Date Collected: 06/16/25 12:40

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 89.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823459	MM	EET CHI	06/26/25 20:07
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 15:28
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/27/25 22:32
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 17:14
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 17:18
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 09:13
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 17:02

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-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Address _____

_____Regulatory Program. ☐ DW ☐ NPDES ☐ RCRA ☐ Other

Client Contact		Project Manager <u>J. Hughes</u>		Site Contact <u>T. Trujillo</u>		Date <u>6-16-25</u>		COC No <u>1</u> of <u>2</u> COCs		
Company Name <u>WSP</u>		Tel/Email		Lab Contact		Carrier		Sampler		
Address <u>30 N LaSalle St</u>		Analysis Turnaround Time ☒ CALENDAR DAYS ☐ WORKING DAYS TAT if different from Below _____ ☒ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Filtered Sample (Y/N) Perform MS/MSD (Y/N) VOCs SVOCs pH Y-Solids Total Metals TCLP &		 500-270096 COC		For Lab Use Only		
City/State/Zip <u>Chicago IL 60602</u>								Walk-in Client		
Phone								Lab Sampling		
Fax										
Project Name <u>WSP 11 W057A Hoffman Estates</u>								Job / SDG No		
Site <u>US-WSP-31463035.2676</u>								<u>500-270096</u>		
PO #										
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp G=Grab)	Matrix	# of Cont.	Sample Specific Notes			
1	3641V-01-B02 (0-7)	6/16/25	1045	G	S	2	/	/	/	/
2	3641V-01-B02 (7-13)		1050				/	/	/	/
3	3641V-01-B01 (0-3)		1105				/	/	/	/
4	3641V-05-B01 (0-5)		1110				/	/	/	/
5	3641V-05-B01 (5-10)		1115				/	/	/	/
6	3641V-05-B01 (10-15)		1120				/	/	/	/
7	3641V-05-B02 (0-5)		1135				/	/	/	/
8	3641V-05-B02 (0-5) Dup		1140				/	/	/	/
9	3641V-05-B02 (5-10)		1145				/	/	/	/
10	3641V-05-B03 (0-5)		1155				/	/	/	/
11	3641V-05-B03 (5-10)		1200				/	/	/	/
12	3641V-05-B04 (0-2)	V	1205				/	/	/	/
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other										
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample							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: <u>* SPLP analysis based on TCLP results</u>										
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No		Cooler Temp (°C) Obs'd		Corr'd		Therm ID No		
Relinquished by <u>707717</u>		Company <u>WSP</u>		Date/Time <u>6-16-25</u>		Received by		Company		Date/Time
Relinquished by		Company		Date/Time <u>1440</u>		Received by		Company		Date/Time
Relinquished by		Company		Date/Time		Received in Laboratory by <u>Adrian Kuy</u>		Company <u>FEETA</u>		Date/Time <u>06/16/25 1440</u>

Chain of Custody Record 736673

Environment Testing
America

TAL-8210

Address _____

_____Regulatory Program. ☐ DW ☐ NPDES ☐ RCRA ☐ Other: _____

Client Contact		Project Manager		Site Contact		Date		COC No						
Company Name		Tel/Email		Lab Contact		Carrier		2 of 2 COCs						
Address		Analysis Turnaround Time						Sampler						
City/State/Zip		☒ CALENDAR DAYS ☐ WORKING DAYS						For Lab Use Only.						
Phone		TAT if different from Below						Walk-in Client						
Fax		☒ 2 weeks						Lab Sampling						
Project Name		☐ 1 week						Job / SDG No						
Site		☐ 2 days						500-270096						
PO #		☐ 1 day												
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	VOCs	SVOCs	pH	Solids	Total Metals	TCLP	Sample Specific Notes
3641V-09-B01 (0-2)	6/16/25	1210	G	S	2			/	/	/	/	/	/	
3641V-10-B01 (0-2)		1215						/	/	/	/	/	/	
3641V-08-B01 (0-2)		1220						/	/	/	/	/	/	
3641V-06-B02 (0-2)		1225						/	/	/	/	/	/	
3641V-06-B01 (0-2)		1230						/	/	/	/	/	/	
3641V-04-B02 (0-4)		1235						/	/	/	/	/	/	
3641V-04-B01 (0-2)		1240						/	/	/	/	/	/	
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other														
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)								
☐ 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			Company			Date/Time			Received by			Company		
Relinquished by			Company			Date/Time			Received by			Company		
Relinquished by			Company			Date/Time			Received in Laboratory by			Company		

Login Sample Receipt Checklist

Client: WSP USA Inc

Job Number: 500-270096-1

Login Number: 270096

List Source: Eurofins Chicago

List Number: 1

Creator: Scott, Sherri L

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	Received same day of collection; chilling process has begun.
Cooler Temperature is recorded.	True	9.9,12.6,10.4
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 <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: FAP 341 (IL 72) Office Phone Number, if available: _____

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

1580-1590 Edgefield Lane (ISGS #3641V-9)

City: Hoffman Estates State: IL Zip Code: 60169

County: Cook Township: Schaumburg

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

Latitude: 42.05412 Longitude: -88.11845

(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.): 302

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 3641V-09-B01 was sampled within the construction zone adjacent to ISGS #3641V-9 (Residences). Refer to PSI Report for ISGS #3641V-9 (Residences) including Table 4-3, and Figure 4-1.

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

See attached data summary table and associated laboratory data package J270096-1 .

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

I, Thomas C. Campbell, P.E. (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: 115 W Washington St. Suite 1270S

City: Indianapolis State: IN Zip Code: 46204

Phone: (317) 972-1706

Thomas C. Campbell, P.E.

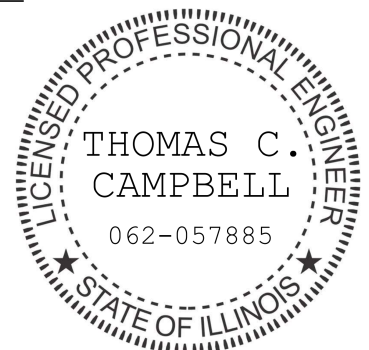
Printed Name:



Licensed Professional Engineer or
Licensed Professional Geologist Signature:

12/01/2025

Date:



Expires **11/30/2027**

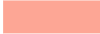
P.E or L.P.G. Seal:

Analytical Data Summary
PTB #196-002; Work Order 57A - IDOT Job # D-91-147-23

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 57A - IDOT Job # D-91-147-23

CONTAMINANTS OF CONCERN

SITE	ISGS #3641V-9 (Residence)	Comparison Criteria					
BORING	3641V-09-B01	MACs			TACO		
SAMPLE	3641V-09-B01 (0-2)	Most Stringent	Within an MSA	Within Chicago	Residential	Construction Worker	SCGIER
MATRIX	Soil						
DEPTH (feet)	0-2						
pH	8.1						
PID (meter units)	--						
VOCs (mg/kg)							
Methylene Chloride	0.0028 J	0.02	--	--	13	34	--
SVOCs (mg/kg)							
Benzo(a)anthracene	0.011 J	0.9	1.8	11	1.8	170	--
Chrysene	0.014 J	88	--	11	88	17,000	--
Inorganics (mg/kg)							
Arsenic	9.9	11.3	13	--	13	61	--
Barium	40	1,500	--	--	5,500	14,000	--
Beryllium	0.65	22	--	--	160	410	--
Boron	20	40	--	--	16,000	41,000	--
Cadmium	0.081 J	5.2	--	--	78	200	--
Chromium	18	21	--	--	230	690	--
Cobalt	15	20	--	--	4,700	12,000	--
Copper	24	2,900	--	--	2,900	8,200	--
Iron	20,000 †m	15,000	15,900	--	--	--	--
Lead	16	107	--	--	400	700	--
Magnesium	32,000	325,000	--	--	--	730,000	--
Manganese	380	630	636	--	1,600	4,100	--
Mercury	0.022	0.89	--	--	10	0.1	--
Nickel	35	100	--	--	1,600	4,100	--
Selenium	0.39 J	1.3	--	--	390	1,000	--
Thallium	1.9	2.6	--	--	6.3	160	--
Vanadium	22	550	--	--	550	1,400	--
Zinc	60	5,100	--	--	23,000	61,000	--
TCLP Metals (mg/L)							
Barium	0.32	--	--	--	--	--	2
Cadmium	0.0023 J	--	--	--	--	--	0.005
Cobalt	0.010	--	--	--	--	--	1
Manganese	1.7 L	--	--	--	--	--	0.15
Nickel	0.010	--	--	--	--	--	0.1
SPLP Metals (mg/L)							
Manganese	0.47 L	--	--	--	--	--	0.15

ANALYTICAL REPORT

PREPARED FOR

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

Generated 7/8/2025 5:29:22 PM Revision 1

JOB DESCRIPTION

IDOT - 196-002-WO57A IL 72 Hoffman Estates

JOB NUMBER

500-270096-1

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



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

Generated
7/8/2025 5:29:22 PM
Revision 1

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Case Narrative

Client: WSP USA Inc
Project: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Job ID: 500-270096-1

Eurofins Chicago

Job Narrative 500-270096-1

Revision

The report being provided is a revision of the original report sent on 7/2/2025. The report (revision 1) is being revised to include more details on the narrative below for method 8260D..

Receipt

The samples were received on 6/16/2025 2:40 PM. 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 9.9° C, 10.4° C and 12.6° C.

GC/MS VOA

Method 8260D: Internal standard (1,4-Dichlorobenzene-d4) response was outside of acceptance limits for the following sample: 3641V-05-B01 (5-10) (500-270096-5), 3641V-05-B01 (10-15) (500-270096-6), 3641V-05-B02 (0-5) (500-270096-7), 3641V-05-B02 (0-5)D (500-270096-8), 3641V-05-B03 (0-5) (500-270096-10), 3641V-05-B03 (5-10) (500-270096-11), 3641V-05-B04 (0-2) (500-270096-12) and 3641V-09-B01 (0-2) (500-270096-13). The sample did not have detects of requested analytes using this internal standard. Surrogate 4-Bromofluorobenzene is also being quantitated with this internal standard.

Method 8260D: Surrogate recovery for the following samples were outside the upper control limit: 3641V-05-B01 (10-15) (500-270096-6), 3641V-05-B03 (0-5) (500-270096-10), 3641V-05-B03 (5-10) (500-270096-11) and 3641V-05-B04 (0-2) (500-270096-12). This sample did not contain any target analytes above the reporting limit; therefore, re-extraction and/or re-analysis was not performed.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 500-823459 was outside the method criteria for the following analyte(s): 2-hexanone,4-methyl-2-pentanone, acetone, 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 500-823459 recovered outside control limits for the following analytes: Chloromethane. These analytes were biased low in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: Surrogate recovery for the following sample was outside the upper control limit: 3641V-08-B01 (0-2) (500-270096-15). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 500-823604 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 laboratory control sample duplicate (LCSD) for analytical batch 500-823845 recovered outside control limits for the following analytes: Carbon tetrachloride. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.
(LCSD 500-823845/9)

Method 8260D: The following analyte(s) recovered outside control limits for the LCS associated with analytical batch 500-823222: Bromomethane. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.(LCS 500-823222/7)

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 500-823222 was outside the method criteria for the following analyte(s): carbon disulfide, bromomethane. 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.

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 500-823426 was outside the method criteria for the following analyte(s): 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.

Eurofins Chicago

Case Narrative

Client: WSP USA Inc
Project: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Job ID: 500-270096-1 (Continued)

Eurofins Chicago

Method 8270E: The continuing calibration verification (CCV) analyzed in 500-823426 was outside the method criteria for the following analyte(s): 2,2'-oxybis[1-chloropropane], 2-Nitroaniline, 4,6-Dinitro-2-methylphenol, Benzo[b]fluoranthene, Bis(2-chloroethyl)ether, Isophorone, Nitrobenzene, N-Nitrosodi-n-propylamine and Nitrobenzene-d5 (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 continuing calibration verification (CCV) analyzed in 500-823422 was outside the method criteria for the following analyte(s): 2,4-Dinitrophenol. 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 500-823337 and analytical batch 500-823620 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.

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

Metals

Method 6010D: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3641V-01-B02 (0-7) (500-270096-1), 3641V-01-B02 (7-13) (500-270096-2), 3641V-05-B01 (0-5) (500-270096-4), 3641V-05-B01 (5-10) (500-270096-5) and 3641V-05-B02 (0-5) (500-270096-7). Elevated reporting limits (RLs) are provided.

Method 6010D: The method blank for leach batch 822394 contained Ba, Cr, and Se 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 laboratory control sample (LCS) for preparation batch 500-822394 and 500-822646 and analytical batch 500-823557 recovered outside control limits for the following analytes: Zinc. These analytes were biased high in the LCS and were not detected above the reporting limit in the associated samples; therefore, the data have been reported.

Method 6010D: The continuing calibration verification (CCV) associated with batch 500-823557 recovered above the upper control limit for Zinc. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are: 3641V-06-B02 (0-2) (500-270096-16), 3641V-06-B01 (0-2) (500-270096-17), 3641V-04-B02 (0-2) (500-270096-18) and 3641V-04-B01 (0-2) (500-270096-19).

Methods 200.7 Rev 4.4, 6010D: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3641V-05-B02 (5-10) (500-270096-9), 3641V-05-B03 (0-5) (500-270096-10), 3641V-05-B03 (5-10) (500-270096-11), 3641V-05-B04 (0-2) (500-270096-12), 3641V-09-B01 (0-2) (500-270096-13) and 3641V-08-B01 (0-2) (500-270096-15). Elevated reporting limits (RLs) are provided.

Method 6010D: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3641V-05-B02 (5-10) (500-270096-9), 3641V-05-B03 (0-5) (500-270096-10), 3641V-05-B03 (5-10) (500-270096-11), 3641V-05-B04 (0-2) (500-270096-12), 3641V-09-B01 (0-2) (500-270096-13) and 3641V-08-B01 (0-2) (500-270096-15). Elevated reporting limits (RLs) are provided.

Method 6010D: The method blank for preparation batch 500-822697 and analytical batch 500-823785 contained 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: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3641V-01-B02 (0-7) (500-270096-1), 3641V-01-B02 (7-13) (500-270096-2), 3641V-01-B01 (0-3) (500-270096-3), 3641V-05-B01 (0-5) (500-270096-4), 3641V-05-B01 (5-10) (500-270096-5), 3641V-05-B01 (10-15) (500-270096-6), 3641V-06-B02 (0-2) (500-270096-16), 3641V-06-B01 (0-2) (500-270096-17), 3641V-04-B02 (0-2) (500-270096-18), 3641V-04-B01 (0-2) (500-270096-19), (500-270096-D-16-G DU ^5), (500-270096-D-16-H MS ^5), (500-270096-D-16-I MSD ^5) and (500-270096-D-16-F SD ^25). Elevated reporting limits (RLs) are provided.

Method 6010D: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3641V-05-B02 (0-5) (500-270096-7) and 3641V-05-B02 (0-5)D (500-270096-8). Elevated reporting limits (RLs) are provided.

Methods 200.7 Rev 4.4, 6010D: The following sample was diluted to bring the concentration of target analytes within the calibration range: 3641V-10-B01 (0-2) (500-270096-14). Elevated reporting limits (RLs) are provided.

Method 7470A: Lab blank came above reporting limit. Sample #12 of 270096 was a hit and not reported.

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Case Narrative

Client: WSP USA Inc
Project: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Job ID: 500-270096-1 (Continued)

Eurofins Chicago

(LB 500-822250/1-C)

Method 7470A: The filtered lab blank for preparation batch 500-822394 and 500-823094 contained mercury 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 7470A: The method blank for preparation batch 500-822250 and 500-823485 contained Mercury 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.

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 500-822449 and analytical batch 500-822763 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.

Organic Prep

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

Eurofins Chicago

Detection Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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Client Sample ID: 3641V-09-B01 (0-2)						Lab Sample ID: 500-270096-13				
Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Methylene Chloride	0.0028	J	0.0036	0.0015	mg/Kg	1	✧		8260D	Total/NA
Benzo[a]anthracene	0.011	J	0.038	0.0081	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: 500-270096-1

Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Client Sample ID: 3641V-09-B01 (0-2) (Continued)

Lab Sample ID: 500-270096-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chrysene	0.014	J	0.038	0.010	mg/Kg	1	✱	8270E	Total/NA
Arsenic	9.9		0.54	0.19	mg/Kg	1	✱	6010D	Total/NA
Barium	40		0.54	0.062	mg/Kg	1	✱	6010D	Total/NA
Beryllium	0.65		0.22	0.051	mg/Kg	1	✱	6010D	Total/NA
Boron	20	B	2.7	0.25	mg/Kg	1	✱	6010D	Total/NA
Cadmium	0.081	J	0.11	0.020	mg/Kg	1	✱	6010D	Total/NA
Chromium	18		0.54	0.27	mg/Kg	1	✱	6010D	Total/NA
Cobalt	15		0.27	0.071	mg/Kg	1	✱	6010D	Total/NA
Copper	24		0.54	0.15	mg/Kg	1	✱	6010D	Total/NA
Iron	20000		11	5.6	mg/Kg	1	✱	6010D	Total/NA
Lead	16		1.4	0.63	mg/Kg	5	✱	6010D	Total/NA
Magnesium	32000		5.4	2.7	mg/Kg	1	✱	6010D	Total/NA
Manganese	380		0.54	0.079	mg/Kg	1	✱	6010D	Total/NA
Nickel	35		0.54	0.16	mg/Kg	1	✱	6010D	Total/NA
Selenium	0.39	J	0.54	0.32	mg/Kg	1	✱	6010D	Total/NA
Thallium	1.9		0.54	0.27	mg/Kg	1	✱	6010D	Total/NA
Vanadium	22		0.27	0.064	mg/Kg	1	✱	6010D	Total/NA
Zinc	60	B	1.1	0.48	mg/Kg	1	✱	6010D	Total/NA
Barium	0.32	B	0.010	0.0012	mg/L	1		6010D	TCCLP
Cadmium	0.0023	J	0.0050	0.00043	mg/L	1		6010D	TCCLP
Cobalt	0.010		0.0050	0.00078	mg/L	1		6010D	TCCLP
Iron	0.22	J B	0.40	0.082	mg/L	1		6010D	TCCLP
Manganese	1.7		0.010	0.0023	mg/L	1		6010D	TCCLP
Nickel	0.010		0.010	0.0048	mg/L	1		6010D	TCCLP
Selenium	0.0078	J B	0.050	0.0053	mg/L	1		6010D	TCCLP
Manganese	0.47		0.050	0.011	mg/L	1		6010D	SPLP East
Mercury	0.022		0.019	0.0079	mg/Kg	1	✱	7471B	Total/NA
pH	8.1		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: 500-270096-1

Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

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-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-270096-13	3641V-09-B01 (0-2)	Solid	06/16/25 12:10	06/16/25 14:40

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-09-B01 (0-2)

Lab Sample ID: 500-270096-13

Date Collected: 06/16/25 12:10

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.014		0.014	0.0060	mg/Kg	☆	06/16/25 15:43	06/25/25 13:19	1
Benzene	<0.0014		0.0014	0.00045	mg/Kg	☆	06/16/25 15:43	06/25/25 13:19	1
Bromodichloromethane	<0.0014		0.0014	0.00046	mg/Kg	☆	06/16/25 15:43	06/25/25 13:19	1
Bromoform	<0.0014		0.0014	0.00083	mg/Kg	☆	06/16/25 15:43	06/25/25 13:19	1
Bromomethane	<0.0036	*-	0.0036	0.0018	mg/Kg	☆	06/16/25 15:43	06/25/25 13:19	1
2-Butanone (MEK)	<0.0036		0.0036	0.0016	mg/Kg	☆	06/16/25 15:43	06/25/25 13:19	1
Carbon disulfide	<0.0036		0.0036	0.00066	mg/Kg	☆	06/16/25 15:43	06/25/25 13:19	1
Carbon tetrachloride	<0.0014		0.0014	0.00049	mg/Kg	☆	06/16/25 15:43	06/25/25 13:19	1
Chlorobenzene	<0.0014		0.0014	0.00060	mg/Kg	☆	06/16/25 15:43	06/25/25 13:19	1
Chloroethane	<0.0036		0.0036	0.0012	mg/Kg	☆	06/16/25 15:43	06/25/25 13:19	1
Chloroform	<0.0014		0.0014	0.0010	mg/Kg	☆	06/16/25 15:43	06/25/25 13:19	1
Chloromethane	<0.0036		0.0036	0.00069	mg/Kg	☆	06/16/25 15:43	06/25/25 13:19	1
cis-1,2-Dichloroethene	<0.0014		0.0014	0.00058	mg/Kg	☆	06/16/25 15:43	06/25/25 13:19	1
cis-1,3-Dichloropropene	<0.0014	*3	0.0014	0.00057	mg/Kg	☆	06/16/25 15:43	06/25/25 13:19	1
Dibromochloromethane	<0.0014		0.0014	0.00066	mg/Kg	☆	06/16/25 15:43	06/25/25 13:19	1
1,2-Dibromo-3-Chloropropane	<0.0036	*3	0.0036	0.0025	mg/Kg	☆	06/16/25 15:43	06/25/25 13:19	1
1,1-Dichloroethane	<0.0014		0.0014	0.00054	mg/Kg	☆	06/16/25 15:43	06/25/25 13:19	1
1,2-Dichloroethane	<0.0036		0.0036	0.00093	mg/Kg	☆	06/16/25 15:43	06/25/25 13:19	1
1,1-Dichloroethene	<0.0014		0.0014	0.00059	mg/Kg	☆	06/16/25 15:43	06/25/25 13:19	1
1,2-Dichloropropane	<0.0014		0.0014	0.00037	mg/Kg	☆	06/16/25 15:43	06/25/25 13:19	1
1,3-Dichloropropene, Total	<0.0014		0.0014	0.00069	mg/Kg	☆	06/16/25 15:43	06/25/25 13:19	1
Ethylbenzene	<0.0014		0.0014	0.00075	mg/Kg	☆	06/16/25 15:43	06/25/25 13:19	1
2-Hexanone	<0.0036		0.0036	0.0022	mg/Kg	☆	06/16/25 15:43	06/25/25 13:19	1
Methylene Chloride	0.0028	J	0.0036	0.0015	mg/Kg	☆	06/16/25 15:43	06/25/25 13:19	1
4-Methyl-2-pentanone (MIBK)	<0.0036		0.0036	0.0025	mg/Kg	☆	06/16/25 15:43	06/25/25 13:19	1
Methyl tert-butyl ether	<0.0014		0.0014	0.00046	mg/Kg	☆	06/16/25 15:43	06/25/25 13:19	1
Styrene	<0.0014		0.0014	0.00064	mg/Kg	☆	06/16/25 15:43	06/25/25 13:19	1
1,1,2,2-Tetrachloroethane	<0.0014	*3	0.0014	0.00071	mg/Kg	☆	06/16/25 15:43	06/25/25 13:19	1
Tetrachloroethene	<0.0014		0.0014	0.00080	mg/Kg	☆	06/16/25 15:43	06/25/25 13:19	1
Toluene	<0.0014		0.0014	0.00029	mg/Kg	☆	06/16/25 15:43	06/25/25 13:19	1
trans-1,2-Dichloroethene	<0.0014		0.0014	0.00054	mg/Kg	☆	06/16/25 15:43	06/25/25 13:19	1
trans-1,3-Dichloropropene	<0.0014		0.0014	0.00069	mg/Kg	☆	06/16/25 15:43	06/25/25 13:19	1
1,1,1-Trichloroethane	<0.0014		0.0014	0.00058	mg/Kg	☆	06/16/25 15:43	06/25/25 13:19	1
1,1,2-Trichloroethane	<0.0014		0.0014	0.00054	mg/Kg	☆	06/16/25 15:43	06/25/25 13:19	1
Trichloroethene	<0.0014		0.0014	0.00039	mg/Kg	☆	06/16/25 15:43	06/25/25 13:19	1
Vinyl acetate	<0.0036		0.0036	0.00085	mg/Kg	☆	06/16/25 15:43	06/25/25 13:19	1
Vinyl chloride	<0.0014		0.0014	0.00058	mg/Kg	☆	06/16/25 15:43	06/25/25 13:19	1
Xylenes, Total	<0.0029		0.0029	0.00049	mg/Kg	☆	06/16/25 15:43	06/25/25 13:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	*3	75 - 131	06/16/25 15:43	06/25/25 13:19	1
Dibromofluoromethane	103		75 - 126	06/16/25 15:43	06/25/25 13:19	1
1,2-Dichloroethane-d4 (Surr)	107		70 - 134	06/16/25 15:43	06/25/25 13:19	1
Toluene-d8 (Surr)	118		75 - 124	06/16/25 15:43	06/25/25 13:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.027	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1
1,2-Dichlorobenzene	<0.19		0.19	0.016	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1

Eurofins Chicago

Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-09-B01 (0-2)

Lab Sample ID: 500-270096-13

Date Collected: 06/16/25 12:10

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.7

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	☆	06/25/25 07:38	06/26/25 16:18	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.027	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1
2,4,5-Trichlorophenol	<0.38		0.38	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1
2,4,6-Trichlorophenol	<0.38		0.38	0.013	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1
2,4-Dichlorophenol	<0.38		0.38	0.013	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1
2,4-Dimethylphenol	<0.38		0.38	0.085	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1
2,4-Dinitrophenol	<0.77		0.77	0.22	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1
2,4-Dinitrotoluene	<0.19		0.19	0.022	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1
2,6-Dinitrotoluene	<0.19		0.19	0.027	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1
2-Methylnaphthalene	<0.077		0.077	0.0077	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1
2-Methylphenol	<0.19		0.19	0.020	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1
2-Nitroaniline	<0.19		0.19	0.020	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1
2-Nitrophenol	<0.38		0.38	0.026	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1
3 & 4 Methylphenol	<0.19		0.19	0.028	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.17	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1
3-Nitroaniline	<0.38		0.38	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1
4,6-Dinitro-2-methylphenol	<0.77		0.77	0.22	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.026	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1
4-Chloro-3-methylphenol	<0.38		0.38	0.032	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1
4-Chloroaniline	<0.77		0.77	0.40	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1
4-Nitroaniline	<0.38		0.38	0.028	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1
4-Nitrophenol	<0.77		0.77	0.41	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1
Acenaphthene	<0.038		0.038	0.0078	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1
Acenaphthylene	<0.038		0.038	0.0065	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1
Anthracene	<0.038		0.038	0.0078	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1
Benzo[a]anthracene	0.011 J		0.038	0.0081	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1
Benzo[a]pyrene	<0.038		0.038	0.037	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1
Benzo[b]fluoranthene	<0.038		0.038	0.036	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1
Benzo[g,h,i]perylene	<0.038		0.038	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1
Benzo[k]fluoranthene	<0.038		0.038	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.018	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.15	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1
Butyl benzyl phthalate	<0.19		0.19	0.019	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1
Carbazole	<0.19		0.19	0.015	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1
Chrysene	0.014 J		0.038	0.010	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1
Dibenz(a,h)anthracene	<0.038		0.038	0.038	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1
Dibenzofuran	<0.19		0.19	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1
Diethyl phthalate	<0.19		0.19	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1
Dimethyl phthalate	<0.19		0.19	0.0083	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1
Di-n-octyl phthalate	<0.38		0.38	0.27	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1
Fluoranthene	<0.038		0.038	0.0089	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1
Fluorene	<0.038		0.038	0.011	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1
Hexachlorobenzene	<0.077		0.077	0.0073	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1
Hexachlorobutadiene	<0.19		0.19	0.022	mg/Kg	☆	06/25/25 07:38	06/26/25 16:18	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-09-B01 (0-2)

Lab Sample ID: 500-270096-13

Date Collected: 06/16/25 12:10

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.7

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	✱	06/25/25 07:38	06/26/25 16:18	1
Hexachloroethane	<0.19		0.19	0.019	mg/Kg	✱	06/25/25 07:38	06/26/25 16:18	1
Indeno[1,2,3-cd]pyrene	<0.038		0.038	0.037	mg/Kg	✱	06/25/25 07:38	06/26/25 16:18	1
Isophorone	<0.19		0.19	0.020	mg/Kg	✱	06/25/25 07:38	06/26/25 16:18	1
Naphthalene	<0.038		0.038	0.0069	mg/Kg	✱	06/25/25 07:38	06/26/25 16:18	1
Nitrobenzene	<0.038		0.038	0.012	mg/Kg	✱	06/25/25 07:38	06/26/25 16:18	1
N-Nitrosodi-n-propylamine	<0.077		0.077	0.022	mg/Kg	✱	06/25/25 07:38	06/26/25 16:18	1
N-Nitrosodiphenylamine	<0.19		0.19	0.076	mg/Kg	✱	06/25/25 07:38	06/26/25 16:18	1
Pentachlorophenol	<0.77		0.77	0.43	mg/Kg	✱	06/25/25 07:38	06/26/25 16:18	1
Phenanthrene	<0.038		0.038	0.0083	mg/Kg	✱	06/25/25 07:38	06/26/25 16:18	1
Phenol	<0.19		0.19	0.017	mg/Kg	✱	06/25/25 07:38	06/26/25 16:18	1
Pyrene	<0.038		0.038	0.010	mg/Kg	✱	06/25/25 07:38	06/26/25 16:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	80		31 - 166	06/25/25 07:38	06/26/25 16:18	1
Phenol-d5 (Surr)	84		30 - 153	06/25/25 07:38	06/26/25 16:18	1
Nitrobenzene-d5 (Surr)	94		37 - 147	06/25/25 07:38	06/26/25 16:18	1
2-Fluorobiphenyl (Surr)	84		43 - 145	06/25/25 07:38	06/26/25 16:18	1
2,4,6-Tribromophenol (Surr)	79		31 - 143	06/25/25 07:38	06/26/25 16:18	1
Terphenyl-d14 (Surr)	94		42 - 157	06/25/25 07:38	06/26/25 16:18	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.1		1.1	0.21	mg/Kg	✱	06/20/25 16:12	06/26/25 04:19	1
Arsenic	9.9		0.54	0.19	mg/Kg	✱	06/20/25 16:12	06/26/25 04:19	1
Barium	40		0.54	0.062	mg/Kg	✱	06/20/25 16:12	06/27/25 15:01	1
Beryllium	0.65		0.22	0.051	mg/Kg	✱	06/20/25 16:12	06/26/25 04:19	1
Boron	20	B	2.7	0.25	mg/Kg	✱	06/20/25 16:12	06/26/25 04:19	1
Cadmium	0.081	J	0.11	0.020	mg/Kg	✱	06/20/25 16:12	06/26/25 04:19	1
Chromium	18		0.54	0.27	mg/Kg	✱	06/20/25 16:12	06/26/25 04:19	1
Cobalt	15		0.27	0.071	mg/Kg	✱	06/20/25 16:12	06/26/25 04:19	1
Copper	24		0.54	0.15	mg/Kg	✱	06/20/25 16:12	06/26/25 04:19	1
Iron	20000		11	5.6	mg/Kg	✱	06/20/25 16:12	06/27/25 15:01	1
Lead	16		1.4	0.63	mg/Kg	✱	06/20/25 16:12	06/27/25 16:11	5
Magnesium	32000		5.4	2.7	mg/Kg	✱	06/20/25 16:12	06/27/25 15:01	1
Manganese	380		0.54	0.079	mg/Kg	✱	06/20/25 16:12	06/27/25 15:01	1
Nickel	35		0.54	0.16	mg/Kg	✱	06/20/25 16:12	06/26/25 04:19	1
Selenium	0.39	J	0.54	0.32	mg/Kg	✱	06/20/25 16:12	06/26/25 04:19	1
Silver	<0.27		0.27	0.070	mg/Kg	✱	06/20/25 16:12	06/26/25 04:19	1
Thallium	1.9		0.54	0.27	mg/Kg	✱	06/20/25 16:12	06/26/25 04:19	1
Vanadium	22		0.27	0.064	mg/Kg	✱	06/20/25 16:12	06/26/25 04:19	1
Zinc	60	B	1.1	0.48	mg/Kg	✱	06/20/25 16:12	06/27/25 15:01	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		06/19/25 15:35	06/20/25 18:23	1
Barium	0.32	B	0.010	0.0012	mg/L		06/19/25 15:35	06/20/25 18:23	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		06/19/25 15:35	06/20/25 18:23	1
Boron	<0.50		0.50	0.0056	mg/L		06/19/25 15:35	06/20/25 18:23	1
Cadmium	0.0023	J	0.0050	0.00043	mg/L		06/19/25 15:35	06/20/25 18:23	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-09-B01 (0-2)

Lab Sample ID: 500-270096-13

Date Collected: 06/16/25 12:10

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.7

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		06/19/25 15:35	06/20/25 18:23	1
Cobalt	0.010		0.0050	0.00078	mg/L		06/19/25 15:35	06/20/25 18:23	1
Copper	<0.010		0.010	0.0018	mg/L		06/19/25 15:35	06/20/25 18:23	1
Iron	0.22	J B	0.40	0.082	mg/L		06/19/25 15:35	06/20/25 18:23	1
Lead	<0.0075		0.0075	0.0027	mg/L		06/19/25 15:35	06/20/25 18:23	1
Manganese	1.7		0.010	0.0023	mg/L		06/19/25 15:35	06/20/25 18:23	1
Nickel	0.010		0.010	0.0048	mg/L		06/19/25 15:35	06/20/25 18:23	1
Selenium	0.0078	J B	0.050	0.0053	mg/L		06/19/25 15:35	06/20/25 18:23	1
Silver	<0.0050		0.0050	0.0015	mg/L		06/19/25 15:35	06/20/25 18:23	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		06/19/25 15:35	06/20/25 18:23	1
Zinc	<0.50		0.50	0.0050	mg/L		06/19/25 15:35	06/20/25 18:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	0.47		0.050	0.011	mg/L		06/19/25 13:59	06/20/25 17:23	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		06/19/25 15:35	06/25/25 13:42	1
Thallium	<0.0020		0.0020	0.0020	mg/L		06/19/25 15:35	06/25/25 13:42	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		06/23/25 11:05	06/24/25 11:20	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.022		0.019	0.0079	mg/Kg	☆	06/27/25 14:00	06/30/25 08:57	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	☆	06/19/25 13:17	06/19/25 16:53	1
pH (SW846 9045D)	8.1		0.2	0.2	SU			06/20/25 13:57	1

Definitions/Glossary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

Metals

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
F3	Duplicate RPD exceeds the control limit
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
L	A negative instrument reading had an absolute value greater than the reporting limit

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD 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

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Definitions/Glossary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Glossary (Continued)

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

QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

GC/MS VOA

Prep Batch: 823131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	5035	
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	5035	
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	5035	
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	5035	
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	5035	
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	5035	
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	5035	
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	5035	
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	5035	
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	5035	
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	5035	
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	5035	
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	5035	
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	5035	
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	5035	
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	5035	
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	5035	
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	5035	
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	5035	

Analysis Batch: 823222

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	8260D	823131
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	8260D	823131
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	8260D	823131
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	8260D	823131
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	8260D	823131
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	8260D	823131
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	8260D	823131
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	8260D	823131
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	8260D	823131
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	8260D	823131
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	8260D	823131
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	8260D	823131
MB 500-823222/5	Method Blank	Total/NA	Solid	8260D	
LCS 500-823222/7	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 500-823222/8	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 823459

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	8260D	823131
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	8260D	823131
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	8260D	823131
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	8260D	823131
MB 500-823459/6	Method Blank	Total/NA	Solid	8260D	
LCS 500-823459/2	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 500-823459/3	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 823604

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	8260D	823131

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

GC/MS VOA (Continued)

Analysis Batch: 823604 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	8260D	823131
MB 500-823604/7	Method Blank	Total/NA	Solid	8260D	
LCS 500-823604/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 500-823604/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 823845

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	8260D	823131
MB 500-823845/8	Method Blank	Total/NA	Solid	8260D	
LCS 500-823845/6	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 500-823845/9	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS Semi VOA

Prep Batch: 823218

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	3546	
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	3546	
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	3546	
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	3546	
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	3546	
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	3546	
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	3546	
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	3546	
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	3546	
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	3546	
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	3546	
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	3546	
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	3546	
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	3546	
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	3546	
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	3546	
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	3546	
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	3546	
MB 500-823218/1-A	Method Blank	Total/NA	Solid	3546	
LCS 500-823218/2-A	Lab Control Sample	Total/NA	Solid	3546	

Prep Batch: 823337

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	3546	
MB 500-823337/1-A	Method Blank	Total/NA	Solid	3546	
LCS 500-823337/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 823422

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	8270E	823337
LCS 500-823337/2-A	Lab Control Sample	Total/NA	Solid	8270E	823337

Analysis Batch: 823426

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	8270E	823218

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QC Association Summary

Client: WSP USA Inc

Job ID: 500-270096-1

Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

GC/MS Semi VOA (Continued)

Analysis Batch: 823426 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	8270E	823218
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	8270E	823218
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	8270E	823218
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	8270E	823218
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	8270E	823218
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	8270E	823218
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	8270E	823218
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	8270E	823218
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	8270E	823218
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	8270E	823218
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	8270E	823218
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	8270E	823218
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	8270E	823218
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	8270E	823218
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	8270E	823218
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	8270E	823218
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	8270E	823218
MB 500-823218/1-A	Method Blank	Total/NA	Solid	8270E	823218
LCS 500-823218/2-A	Lab Control Sample	Total/NA	Solid	8270E	823218

Analysis Batch: 823620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-823337/1-A	Method Blank	Total/NA	Solid	8270E	823337

Metals

Leach Batch: 822250

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	TCLP	Solid	1311	
500-270096-2	3641V-01-B02 (7-13)	TCLP	Solid	1311	
500-270096-3	3641V-01-B01 (0-3)	TCLP	Solid	1311	
500-270096-4	3641V-05-B01 (0-5)	TCLP	Solid	1311	
500-270096-5	3641V-05-B01 (5-10)	TCLP	Solid	1311	
500-270096-6	3641V-05-B01 (10-15)	TCLP	Solid	1311	
500-270096-7	3641V-05-B02 (0-5)	TCLP	Solid	1311	
500-270096-8	3641V-05-B02 (0-5)D	TCLP	Solid	1311	
500-270096-9	3641V-05-B02 (5-10)	TCLP	Solid	1311	
500-270096-10	3641V-05-B03 (0-5)	TCLP	Solid	1311	
500-270096-11	3641V-05-B03 (5-10)	TCLP	Solid	1311	
500-270096-12	3641V-05-B04 (0-2)	TCLP	Solid	1311	
500-270096-13	3641V-09-B01 (0-2)	TCLP	Solid	1311	
500-270096-14	3641V-10-B01 (0-2)	TCLP	Solid	1311	
LB 500-822250/1-B	Method Blank	TCLP	Solid	1311	
LB 500-822250/1-C	Method Blank	TCLP	Solid	1311	
LB 500-822250/1-D	Method Blank	TCLP	Solid	1311	

Leach Batch: 822251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	SPLP East	Solid	1312	
500-270096-2	3641V-01-B02 (7-13)	SPLP East	Solid	1312	
500-270096-3	3641V-01-B01 (0-3)	SPLP East	Solid	1312	

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Metals (Continued)

Leach Batch: 822251 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-4	3641V-05-B01 (0-5)	SPLP East	Solid	1312	
500-270096-5	3641V-05-B01 (5-10)	SPLP East	Solid	1312	
500-270096-6	3641V-05-B01 (10-15)	SPLP East	Solid	1312	
500-270096-7	3641V-05-B02 (0-5)	SPLP East	Solid	1312	
500-270096-8	3641V-05-B02 (0-5)D	SPLP East	Solid	1312	
500-270096-9	3641V-05-B02 (5-10)	SPLP East	Solid	1312	
500-270096-10	3641V-05-B03 (0-5)	SPLP East	Solid	1312	
500-270096-11	3641V-05-B03 (5-10)	SPLP East	Solid	1312	
500-270096-12	3641V-05-B04 (0-2)	SPLP East	Solid	1312	
500-270096-13	3641V-09-B01 (0-2)	SPLP East	Solid	1312	
500-270096-14	3641V-10-B01 (0-2)	SPLP East	Solid	1312	
LB 500-822251/1-B	Method Blank	SPLP East	Solid	1312	

Leach Batch: 822394

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	TCLP	Solid	1311	
500-270096-16	3641V-06-B02 (0-2)	TCLP	Solid	1311	
500-270096-17	3641V-06-B01 (0-2)	TCLP	Solid	1311	
500-270096-18	3641V-04-B02 (0-2)	TCLP	Solid	1311	
500-270096-19	3641V-04-B01 (0-2)	TCLP	Solid	1311	
LB 500-822394/1-B	Method Blank	TCLP	Solid	1311	
LB 500-822394/1-C	Method Blank	TCLP	Solid	1311	

Leach Batch: 822412

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	SPLP East	Solid	1312	
500-270096-16	3641V-06-B02 (0-2)	SPLP East	Solid	1312	
500-270096-17	3641V-06-B01 (0-2)	SPLP East	Solid	1312	
500-270096-18	3641V-04-B02 (0-2)	SPLP East	Solid	1312	
500-270096-19	3641V-04-B01 (0-2)	SPLP East	Solid	1312	
LB 500-822412/1-B	Method Blank	SPLP East	Solid	1312	
500-270096-15 MS	3641V-08-B01 (0-2)	SPLP East	Solid	1312	
500-270096-15 DU	3641V-08-B01 (0-2)	SPLP East	Solid	1312	

Prep Batch: 822485

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	SPLP East	Solid	3010A	822251
500-270096-2	3641V-01-B02 (7-13)	SPLP East	Solid	3010A	822251
500-270096-3	3641V-01-B01 (0-3)	SPLP East	Solid	3010A	822251
500-270096-4	3641V-05-B01 (0-5)	SPLP East	Solid	3010A	822251
500-270096-5	3641V-05-B01 (5-10)	SPLP East	Solid	3010A	822251
500-270096-6	3641V-05-B01 (10-15)	SPLP East	Solid	3010A	822251
500-270096-7	3641V-05-B02 (0-5)	SPLP East	Solid	3010A	822251
500-270096-8	3641V-05-B02 (0-5)D	SPLP East	Solid	3010A	822251
500-270096-9	3641V-05-B02 (5-10)	SPLP East	Solid	3010A	822251
500-270096-10	3641V-05-B03 (0-5)	SPLP East	Solid	3010A	822251
500-270096-11	3641V-05-B03 (5-10)	SPLP East	Solid	3010A	822251
500-270096-12	3641V-05-B04 (0-2)	SPLP East	Solid	3010A	822251
500-270096-13	3641V-09-B01 (0-2)	SPLP East	Solid	3010A	822251
500-270096-14	3641V-10-B01 (0-2)	SPLP East	Solid	3010A	822251
LB 500-822251/1-B	Method Blank	SPLP East	Solid	3010A	822251

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QC Association Summary

Client: WSP USA Inc

Job ID: 500-270096-1

Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Metals (Continued)

Prep Batch: 822485 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-822485/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Prep Batch: 822509

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	TCLP	Solid	3010A	822250
500-270096-2	3641V-01-B02 (7-13)	TCLP	Solid	3010A	822250
500-270096-3	3641V-01-B01 (0-3)	TCLP	Solid	3010A	822250
500-270096-4	3641V-05-B01 (0-5)	TCLP	Solid	3010A	822250
500-270096-5	3641V-05-B01 (5-10)	TCLP	Solid	3010A	822250
500-270096-6	3641V-05-B01 (10-15)	TCLP	Solid	3010A	822250
500-270096-7	3641V-05-B02 (0-5)	TCLP	Solid	3010A	822250
500-270096-8	3641V-05-B02 (0-5)D	TCLP	Solid	3010A	822250
500-270096-9	3641V-05-B02 (5-10)	TCLP	Solid	3010A	822250
500-270096-10	3641V-05-B03 (0-5)	TCLP	Solid	3010A	822250
500-270096-11	3641V-05-B03 (5-10)	TCLP	Solid	3010A	822250
500-270096-12	3641V-05-B04 (0-2)	TCLP	Solid	3010A	822250
500-270096-13	3641V-09-B01 (0-2)	TCLP	Solid	3010A	822250
500-270096-14	3641V-10-B01 (0-2)	TCLP	Solid	3010A	822250
LB 500-822250/1-B	Method Blank	TCLP	Solid	3010A	822250
LCS 500-822509/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Prep Batch: 822645

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	SPLP East	Solid	3010A	822412
500-270096-16	3641V-06-B02 (0-2)	SPLP East	Solid	3010A	822412
500-270096-17	3641V-06-B01 (0-2)	SPLP East	Solid	3010A	822412
500-270096-18	3641V-04-B02 (0-2)	SPLP East	Solid	3010A	822412
500-270096-19	3641V-04-B01 (0-2)	SPLP East	Solid	3010A	822412
LB 500-822412/1-B	Method Blank	SPLP East	Solid	3010A	822412
LCS 500-822645/2-A	Lab Control Sample	Total/NA	Solid	3010A	
500-270096-15 MS	3641V-08-B01 (0-2)	SPLP East	Solid	3010A	822412
500-270096-15 DU	3641V-08-B01 (0-2)	SPLP East	Solid	3010A	822412

Prep Batch: 822646

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	TCLP	Solid	3010A	822394
500-270096-16	3641V-06-B02 (0-2)	TCLP	Solid	3010A	822394
500-270096-17	3641V-06-B01 (0-2)	TCLP	Solid	3010A	822394
500-270096-18	3641V-04-B02 (0-2)	TCLP	Solid	3010A	822394
500-270096-19	3641V-04-B01 (0-2)	TCLP	Solid	3010A	822394
LB 500-822394/1-B	Method Blank	TCLP	Solid	3010A	822394
LCS 500-822646/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Prep Batch: 822696

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	3050B	
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	3050B	
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	3050B	
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	3050B	
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	3050B	
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	3050B	

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Metals (Continued)

Prep Batch: 822696 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	3050B	
MB 500-822696/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-822696/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 822697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	3050B	
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	3050B	
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	3050B	
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	3050B	
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	3050B	
MB 500-822697/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-822697/2-A	Lab Control Sample	Total/NA	Solid	3050B	
500-270096-16 MS	3641V-06-B02 (0-2)	Total/NA	Solid	3050B	
500-270096-16 MSD	3641V-06-B02 (0-2)	Total/NA	Solid	3050B	
500-270096-16 DU	3641V-06-B02 (0-2)	Total/NA	Solid	3050B	

Analysis Batch: 822771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	TCLP	Solid	6010D	822509
500-270096-2	3641V-01-B02 (7-13)	TCLP	Solid	6010D	822509
500-270096-3	3641V-01-B01 (0-3)	TCLP	Solid	6010D	822509
500-270096-4	3641V-05-B01 (0-5)	TCLP	Solid	6010D	822509
500-270096-5	3641V-05-B01 (5-10)	TCLP	Solid	6010D	822509
500-270096-6	3641V-05-B01 (10-15)	TCLP	Solid	6010D	822509
500-270096-7	3641V-05-B02 (0-5)	TCLP	Solid	6010D	822509
500-270096-8	3641V-05-B02 (0-5)D	TCLP	Solid	6010D	822509
500-270096-9	3641V-05-B02 (5-10)	TCLP	Solid	6010D	822509
500-270096-10	3641V-05-B03 (0-5)	TCLP	Solid	6010D	822509
500-270096-11	3641V-05-B03 (5-10)	TCLP	Solid	6010D	822509
500-270096-12	3641V-05-B04 (0-2)	TCLP	Solid	6010D	822509
500-270096-13	3641V-09-B01 (0-2)	TCLP	Solid	6010D	822509
500-270096-14	3641V-10-B01 (0-2)	TCLP	Solid	6010D	822509
LB 500-822250/1-B	Method Blank	TCLP	Solid	6010D	822509
LCS 500-822509/2-A	Lab Control Sample	Total/NA	Solid	6010D	822509

Analysis Batch: 822772

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	SPLP East	Solid	6010D	822485
500-270096-2	3641V-01-B02 (7-13)	SPLP East	Solid	6010D	822485
500-270096-3	3641V-01-B01 (0-3)	SPLP East	Solid	6010D	822485
500-270096-4	3641V-05-B01 (0-5)	SPLP East	Solid	6010D	822485
500-270096-5	3641V-05-B01 (5-10)	SPLP East	Solid	6010D	822485
500-270096-6	3641V-05-B01 (10-15)	SPLP East	Solid	6010D	822485
500-270096-7	3641V-05-B02 (0-5)	SPLP East	Solid	6010D	822485
500-270096-8	3641V-05-B02 (0-5)D	SPLP East	Solid	6010D	822485
500-270096-9	3641V-05-B02 (5-10)	SPLP East	Solid	6010D	822485
500-270096-10	3641V-05-B03 (0-5)	SPLP East	Solid	6010D	822485
500-270096-11	3641V-05-B03 (5-10)	SPLP East	Solid	6010D	822485
500-270096-12	3641V-05-B04 (0-2)	SPLP East	Solid	6010D	822485
500-270096-13	3641V-09-B01 (0-2)	SPLP East	Solid	6010D	822485

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Metals (Continued)

Analysis Batch: 822772 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-14	3641V-10-B01 (0-2)	SPLP East	Solid	6010D	822485
LB 500-822251/1-B	Method Blank	SPLP East	Solid	6010D	822485
LCS 500-822485/2-A	Lab Control Sample	Total/NA	Solid	6010D	822485

Prep Batch: 822848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	3050B	
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	3050B	
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	3050B	
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	3050B	
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	3050B	
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	3050B	
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	3050B	
MB 500-822848/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-822848/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 822891

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	TCLP	Solid	7470A	822250
500-270096-2	3641V-01-B02 (7-13)	TCLP	Solid	7470A	822250
500-270096-3	3641V-01-B01 (0-3)	TCLP	Solid	7470A	822250
500-270096-4	3641V-05-B01 (0-5)	TCLP	Solid	7470A	822250
500-270096-5	3641V-05-B01 (5-10)	TCLP	Solid	7470A	822250
500-270096-6	3641V-05-B01 (10-15)	TCLP	Solid	7470A	822250
500-270096-7	3641V-05-B02 (0-5)	TCLP	Solid	7470A	822250
500-270096-8	3641V-05-B02 (0-5)D	TCLP	Solid	7470A	822250
500-270096-9	3641V-05-B02 (5-10)	TCLP	Solid	7470A	822250
500-270096-10	3641V-05-B03 (0-5)	TCLP	Solid	7470A	822250
500-270096-11	3641V-05-B03 (5-10)	TCLP	Solid	7470A	822250
500-270096-13	3641V-09-B01 (0-2)	TCLP	Solid	7470A	822250
500-270096-14	3641V-10-B01 (0-2)	TCLP	Solid	7470A	822250
LB 500-822250/1-C	Method Blank	TCLP	Solid	7470A	822250
MB 500-822891/12-A	Method Blank	Total/NA	Solid	7470A	
LCS 500-822891/14-A	Lab Control Sample	Total/NA	Solid	7470A	

Analysis Batch: 823048

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	TCLP	Solid	6010D	822509
500-270096-2	3641V-01-B02 (7-13)	TCLP	Solid	6010D	822509
500-270096-4	3641V-05-B01 (0-5)	TCLP	Solid	6010D	822509
500-270096-5	3641V-05-B01 (5-10)	TCLP	Solid	6010D	822509
500-270096-7	3641V-05-B02 (0-5)	TCLP	Solid	6010D	822509
LB 500-822412/1-B	Method Blank	SPLP East	Solid	6010D	822645
LCS 500-822645/2-A	Lab Control Sample	Total/NA	Solid	6010D	822645
500-270096-15 MS	3641V-08-B01 (0-2)	SPLP East	Solid	6010D	822645
500-270096-15 DU	3641V-08-B01 (0-2)	SPLP East	Solid	6010D	822645

Prep Batch: 823094

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	TCLP	Solid	7470A	822394
500-270096-16	3641V-06-B02 (0-2)	TCLP	Solid	7470A	822394

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QC Association Summary

Client: WSP USA Inc
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Job ID: 500-270096-1

Metals (Continued)

Prep Batch: 823094 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-17	3641V-06-B01 (0-2)	TCLP	Solid	7470A	822394
500-270096-18	3641V-04-B02 (0-2)	TCLP	Solid	7470A	822394
500-270096-19	3641V-04-B01 (0-2)	TCLP	Solid	7470A	822394
LB 500-822394/1-C	Method Blank	TCLP	Solid	7470A	822394
MB 500-823094/12-A	Method Blank	Total/NA	Solid	7470A	
LCS 500-823094/14-A	Lab Control Sample	Total/NA	Solid	7470A	

Analysis Batch: 823110

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	TCLP	Solid	7470A	822891
500-270096-2	3641V-01-B02 (7-13)	TCLP	Solid	7470A	822891
500-270096-3	3641V-01-B01 (0-3)	TCLP	Solid	7470A	822891
500-270096-4	3641V-05-B01 (0-5)	TCLP	Solid	7470A	822891
500-270096-5	3641V-05-B01 (5-10)	TCLP	Solid	7470A	822891
500-270096-6	3641V-05-B01 (10-15)	TCLP	Solid	7470A	822891
500-270096-7	3641V-05-B02 (0-5)	TCLP	Solid	7470A	822891
500-270096-8	3641V-05-B02 (0-5)D	TCLP	Solid	7470A	822891
500-270096-9	3641V-05-B02 (5-10)	TCLP	Solid	7470A	822891
500-270096-10	3641V-05-B03 (0-5)	TCLP	Solid	7470A	822891
500-270096-11	3641V-05-B03 (5-10)	TCLP	Solid	7470A	822891
500-270096-13	3641V-09-B01 (0-2)	TCLP	Solid	7470A	822891
500-270096-14	3641V-10-B01 (0-2)	TCLP	Solid	7470A	822891
LB 500-822250/1-C	Method Blank	TCLP	Solid	7470A	822891
MB 500-822891/12-A	Method Blank	Total/NA	Solid	7470A	822891
LCS 500-822891/14-A	Lab Control Sample	Total/NA	Solid	7470A	822891

Analysis Batch: 823301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	TCLP	Solid	7470A	823094
500-270096-16	3641V-06-B02 (0-2)	TCLP	Solid	7470A	823094
500-270096-17	3641V-06-B01 (0-2)	TCLP	Solid	7470A	823094
500-270096-18	3641V-04-B02 (0-2)	TCLP	Solid	7470A	823094
500-270096-19	3641V-04-B01 (0-2)	TCLP	Solid	7470A	823094
LB 500-822394/1-C	Method Blank	TCLP	Solid	7470A	823094
MB 500-823094/12-A	Method Blank	Total/NA	Solid	7470A	823094
LCS 500-823094/14-A	Lab Control Sample	Total/NA	Solid	7470A	823094

Analysis Batch: 823349

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	TCLP	Solid	6020B	822509
500-270096-2	3641V-01-B02 (7-13)	TCLP	Solid	6020B	822509
500-270096-3	3641V-01-B01 (0-3)	TCLP	Solid	6020B	822509
500-270096-4	3641V-05-B01 (0-5)	TCLP	Solid	6020B	822509
500-270096-5	3641V-05-B01 (5-10)	TCLP	Solid	6020B	822509
500-270096-6	3641V-05-B01 (10-15)	TCLP	Solid	6020B	822509
500-270096-7	3641V-05-B02 (0-5)	TCLP	Solid	6020B	822509
500-270096-8	3641V-05-B02 (0-5)D	TCLP	Solid	6020B	822509
500-270096-9	3641V-05-B02 (5-10)	TCLP	Solid	6020B	822509
500-270096-10	3641V-05-B03 (0-5)	TCLP	Solid	6020B	822509
500-270096-11	3641V-05-B03 (5-10)	TCLP	Solid	6020B	822509
500-270096-12	3641V-05-B04 (0-2)	TCLP	Solid	6020B	822509

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QC Association Summary

Client: WSP USA Inc
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Job ID: 500-270096-1

Metals (Continued)

Analysis Batch: 823349 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-13	3641V-09-B01 (0-2)	TCLP	Solid	6020B	822509
500-270096-14	3641V-10-B01 (0-2)	TCLP	Solid	6020B	822509
500-270096-15	3641V-08-B01 (0-2)	TCLP	Solid	6020B	822646
500-270096-16	3641V-06-B02 (0-2)	TCLP	Solid	6020B	822646
500-270096-17	3641V-06-B01 (0-2)	TCLP	Solid	6020B	822646
500-270096-18	3641V-04-B02 (0-2)	TCLP	Solid	6020B	822646
500-270096-19	3641V-04-B01 (0-2)	TCLP	Solid	6020B	822646
LB 500-822250/1-B	Method Blank	TCLP	Solid	6020B	822509
LB 500-822394/1-B	Method Blank	TCLP	Solid	6020B	822646
LCS 500-822509/2-A	Lab Control Sample	Total/NA	Solid	6020B	822509
LCS 500-822646/2-A	Lab Control Sample	Total/NA	Solid	6020B	822646

Analysis Batch: 823443

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	6010D	822696
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	6010D	822696
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	6010D	822696
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	6010D	822696
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	6010D	822696
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	6010D	822696
500-270096-15	3641V-08-B01 (0-2)	TCLP	Solid	6010D	822646
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	6010D	822696
500-270096-16	3641V-06-B02 (0-2)	TCLP	Solid	6010D	822646
500-270096-17	3641V-06-B01 (0-2)	TCLP	Solid	6010D	822646
500-270096-18	3641V-04-B02 (0-2)	TCLP	Solid	6010D	822646
500-270096-19	3641V-04-B01 (0-2)	TCLP	Solid	6010D	822646
LB 500-822394/1-B	Method Blank	TCLP	Solid	6010D	822646
MB 500-822696/1-A	Method Blank	Total/NA	Solid	6010D	822696
LCS 500-822646/2-A	Lab Control Sample	Total/NA	Solid	6010D	822646
LCS 500-822696/2-A	Lab Control Sample	Total/NA	Solid	6010D	822696

Prep Batch: 823485

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-12	3641V-05-B04 (0-2)	TCLP	Solid	7470A	822250
LB 500-822250/1-D	Method Blank	TCLP	Solid	7470A	822250
MB 500-823485/12-A	Method Blank	Total/NA	Solid	7470A	
LCS 500-823485/14-A	Lab Control Sample	Total/NA	Solid	7470A	

Analysis Batch: 823557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	TCLP	Solid	6010D	822646
500-270096-16	3641V-06-B02 (0-2)	TCLP	Solid	6010D	822646
500-270096-17	3641V-06-B01 (0-2)	TCLP	Solid	6010D	822646
500-270096-18	3641V-04-B02 (0-2)	TCLP	Solid	6010D	822646
500-270096-19	3641V-04-B01 (0-2)	TCLP	Solid	6010D	822646
LB 500-822394/1-B	Method Blank	TCLP	Solid	6010D	822646
LCS 500-822646/2-A	Lab Control Sample	Total/NA	Solid	6010D	822646

Prep Batch: 823672

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	7471B	

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Job ID: 500-270096-1

Metals (Continued)

Prep Batch: 823672 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	7471B	
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	7471B	
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	7471B	
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	7471B	
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	7471B	
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	7471B	
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	7471B	
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	7471B	
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	7471B	
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	7471B	
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	7471B	
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	7471B	
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	7471B	
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	7471B	
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	7471B	
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	7471B	
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	7471B	
MB 500-823672/12-A	Method Blank	Total/NA	Solid	7471B	
LCS 500-823672/13-A	Lab Control Sample	Total/NA	Solid	7471B	
500-270096-9 MS	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	
500-270096-9 MSD	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	
500-270096-9 DU	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	

Analysis Batch: 823684

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-12	3641V-05-B04 (0-2)	TCLP	Solid	7470A	823485
LB 500-822250/1-D	Method Blank	TCLP	Solid	7470A	823485
MB 500-823485/12-A	Method Blank	Total/NA	Solid	7470A	823485
LCS 500-823485/14-A	Lab Control Sample	Total/NA	Solid	7470A	823485

Analysis Batch: 823757

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	6010D	822696
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	6010D	822696
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	6010D	822696
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	6010D	822696
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	6010D	822696
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	6010D	822696
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	6010D	822696
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	6010D	822696
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	6010D	822696
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	6010D	822696
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	6010D	822696
MB 500-822696/1-A	Method Blank	Total/NA	Solid	6010D	822696
LCS 500-822696/2-A	Lab Control Sample	Total/NA	Solid	6010D	822696

Analysis Batch: 823767

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	6010D	822696
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	6010D	822696

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QC Association Summary

Client: WSP USA Inc

Job ID: 500-270096-1

Metals (Continued)

Analysis Batch: 823767 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	6010D	822696
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	6010D	822696
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	6010D	822696
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	6010D	822696
MB 500-822696/1-A	Method Blank	Total/NA	Solid	6010D	822696
LCS 500-822696/2-A	Lab Control Sample	Total/NA	Solid	6010D	822696

Analysis Batch: 823785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	6010D	822697
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	6010D	822848
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	6010D	822848
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	6010D	822848
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	6010D	822848
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	6010D	822848
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	6010D	822848
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	6010D	822848
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	6010D	822697
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	6010D	822697
MB 500-822697/1-A	Method Blank	Total/NA	Solid	6010D	822697
LCS 500-822697/2-A	Lab Control Sample	Total/NA	Solid	6010D	822697
500-270096-16 MS	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16 MSD	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16 DU	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697

Analysis Batch: 823885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	7471B	823672
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	7471B	823672
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	7471B	823672
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	7471B	823672
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	7471B	823672
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	7471B	823672
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	7471B	823672
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	7471B	823672
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	823672
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	7471B	823672
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	7471B	823672
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	7471B	823672
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	7471B	823672
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	7471B	823672
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	7471B	823672
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	7471B	823672
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	7471B	823672
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	7471B	823672
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	7471B	823672
MB 500-823672/12-A	Method Blank	Total/NA	Solid	7471B	823672
LCS 500-823672/13-A	Lab Control Sample	Total/NA	Solid	7471B	823672
500-270096-9 MS	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	823672

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QC Association Summary

Client: WSP USA Inc

Job ID: 500-270096-1

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Metals (Continued)

Analysis Batch: 823885 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-9 MSD	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	823672
500-270096-9 DU	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	823672

Analysis Batch: 823996

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	6010D	822697
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	6010D	822697
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	6010D	822848
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	6010D	822848
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	6010D	822848
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	6010D	822848
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	6010D	822848
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	6010D	822848
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	6010D	822848
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	6010D	822848
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	6010D	822848
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	6010D	822848
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	6010D	822848
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	6010D	822848
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	6010D	822697
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	6010D	822697
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	6010D	822697
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	6010D	822697
MB 500-822697/1-A	Method Blank	Total/NA	Solid	6010D	822697
MB 500-822848/1-A	Method Blank	Total/NA	Solid	6010D	822848
LCS 500-822697/2-A	Lab Control Sample	Total/NA	Solid	6010D	822697
LCS 500-822848/2-A	Lab Control Sample	Total/NA	Solid	6010D	822848
500-270096-16 MS	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16 MS	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16 MSD	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16 MSD	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16 DU	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16 DU	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697

Analysis Batch: 823997

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	SPLP East	Solid	6010D	822645
500-270096-16	3641V-06-B02 (0-2)	SPLP East	Solid	6010D	822645
500-270096-17	3641V-06-B01 (0-2)	SPLP East	Solid	6010D	822645
500-270096-18	3641V-04-B02 (0-2)	SPLP East	Solid	6010D	822645
500-270096-19	3641V-04-B01 (0-2)	SPLP East	Solid	6010D	822645
LB 500-822412/1-B	Method Blank	SPLP East	Solid	6010D	822645
LCS 500-822645/2-A	Lab Control Sample	Total/NA	Solid	6010D	822645
500-270096-15 MS	3641V-08-B01 (0-2)	SPLP East	Solid	6010D	822645
500-270096-15 DU	3641V-08-B01 (0-2)	SPLP East	Solid	6010D	822645

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Metals

Analysis Batch: 824132

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	6010D	822848
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	6010D	822848

Analysis Batch: 824227

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	6010D	822696

General Chemistry

Analysis Batch: 822216

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	Moisture	
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	Moisture	
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	Moisture	
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	Moisture	
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	Moisture	
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	Moisture	
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	Moisture	
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	Moisture	
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	Moisture	
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	Moisture	
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	Moisture	
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	Moisture	
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	Moisture	
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	Moisture	
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	Moisture	
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	Moisture	
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	Moisture	

Analysis Batch: 822310

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	Moisture	
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	Moisture	
500-270096-13 DU	3641V-09-B01 (0-2)	Total/NA	Solid	Moisture	

Prep Batch: 822449

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	9010C	
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	9010C	
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	9010C	
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	9010C	
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	9010C	
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	9010C	
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	9010C	
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	9010C	
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	9010C	
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	9010C	
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	9010C	
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	9010C	
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	9010C	
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	9010C	

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

General Chemistry (Continued)

Prep Batch: 822449 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	9010C	
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	9010C	
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	9010C	
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	9010C	
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	9010C	
MB 500-822449/1-A	Method Blank	Total/NA	Solid	9010C	
LCS 500-822449/2-A	Lab Control Sample	Total/NA	Solid	9010C	
500-270096-1 MS	3641V-01-B02 (0-7)	Total/NA	Solid	9010C	
500-270096-1 MSD	3641V-01-B02 (0-7)	Total/NA	Solid	9010C	
500-270096-15 MS	3641V-08-B01 (0-2)	Total/NA	Solid	9010C	
500-270096-15 MSD	3641V-08-B01 (0-2)	Total/NA	Solid	9010C	

Analysis Batch: 822679

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	9045D	
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	9045D	
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	9045D	
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	9045D	
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	9045D	
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	9045D	
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	9045D	
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	9045D	
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	9045D	
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	9045D	
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	9045D	
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	9045D	
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	9045D	
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	9045D	
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	9045D	
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	9045D	
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	9045D	
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	9045D	
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	9045D	
LCS 500-822679/2	Lab Control Sample	Total/NA	Solid	9045D	
LCSD 500-822679/3	Lab Control Sample Dup	Total/NA	Solid	9045D	
500-270096-14 DU	3641V-10-B01 (0-2)	Total/NA	Solid	9045D	

Analysis Batch: 822763

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	9012B	822449
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	9012B	822449
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	9012B	822449
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	9012B	822449
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	9012B	822449
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	9012B	822449
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	9012B	822449
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	9012B	822449
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	9012B	822449
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	9012B	822449
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	9012B	822449
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	9012B	822449

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

General Chemistry (Continued)

Analysis Batch: 822763 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	9012B	822449
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	9012B	822449
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	9012B	822449
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	9012B	822449
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	9012B	822449
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	9012B	822449
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	9012B	822449
MB 500-822449/1-A	Method Blank	Total/NA	Solid	9012B	822449
LCS 500-822449/2-A	Lab Control Sample	Total/NA	Solid	9012B	822449
500-270096-1 MS	3641V-01-B02 (0-7)	Total/NA	Solid	9012B	822449
500-270096-1 MSD	3641V-01-B02 (0-7)	Total/NA	Solid	9012B	822449
500-270096-15 MS	3641V-08-B01 (0-2)	Total/NA	Solid	9012B	822449
500-270096-15 MSD	3641V-08-B01 (0-2)	Total/NA	Solid	9012B	822449

Analysis Batch: 822833

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-822833/2	Lab Control Sample	Total/NA	Solid	9045D	
LCSD 500-822833/3	Lab Control Sample Dup	Total/NA	Solid	9045D	
500-270096-14 DU	3641V-10-B01 (0-2)	Total/NA	Solid	9045D	

Surrogate Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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)
500-270096-1	3641V-01-B02 (0-7)	103	103	107	99
500-270096-2	3641V-01-B02 (7-13)	104	103	102	102
500-270096-3	3641V-01-B01 (0-3)	107	102	105	105
500-270096-4	3641V-05-B01 (0-5)	108	106	103	105
500-270096-5	3641V-05-B01 (5-10)	128 *3	108	107	111
500-270096-6	3641V-05-B01 (10-15)	129 *3	107	99	126 S1+ *3
500-270096-7	3641V-05-B02 (0-5)	113 *3	106	110	105
500-270096-8	3641V-05-B02 (0-5)D	120 *3	108	111	106
500-270096-9	3641V-05-B02 (5-10)	127	98	93	111
500-270096-10	3641V-05-B03 (0-5)	141 S1+ *3	108	109	128 S1+ *3
500-270096-11	3641V-05-B03 (5-10)	143 S1+ *3	105	100	135 S1+ *3
500-270096-12	3641V-05-B04 (0-2)	141 S1+ *3	114	115	129 S1+ *3
500-270096-13	3641V-09-B01 (0-2)	131 *3	103	107	118
500-270096-14	3641V-10-B01 (0-2)	114	101	102	107
500-270096-15	3641V-08-B01 (0-2)	153 S1+	99	98	118
500-270096-16	3641V-06-B02 (0-2)	114	98	102	106
500-270096-17	3641V-06-B01 (0-2)	113	95	99	107
500-270096-18	3641V-04-B02 (0-2)	119	98	98	107
500-270096-19	3641V-04-B01 (0-2)	115	97	99	108
LCS 500-823222/7	Lab Control Sample	98	99	98	98
LCS 500-823459/2	Lab Control Sample	111	95	89	107
LCS 500-823604/4	Lab Control Sample	114	95	92	106
LCS 500-823845/6	Lab Control Sample	98	98	99	102
LCSD 500-823222/8	Lab Control Sample Dup	99	98	96	101
LCSD 500-823459/3	Lab Control Sample Dup	113	96	90	108
LCSD 500-823604/5	Lab Control Sample Dup	114	95	90	108
LCSD 500-823845/9	Lab Control Sample Dup	102	99	101	107
MB 500-823222/5	Method Blank	100	107	107	99
MB 500-823459/6	Method Blank	113	95	90	107
MB 500-823604/7	Method Blank	114	93	92	106
MB 500-823845/8	Method Blank	100	100	100	103

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)
500-270096-1	3641V-01-B02 (0-7)	76	80	89	82	75	91
500-270096-2	3641V-01-B02 (7-13)	78	80	86	77	72	77
500-270096-3	3641V-01-B01 (0-3)	74	77	88	78	73	88

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Surrogate Summary

Client: WSP USA Inc

Job ID: 500-270096-1

Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

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)
500-270096-4	3641V-05-B01 (0-5)	64	63	65	67	64	82
500-270096-5	3641V-05-B01 (5-10)	80	85	95	82	81	99
500-270096-6	3641V-05-B01 (10-15)	76	77	88	79	71	98
500-270096-7	3641V-05-B02 (0-5)	79	84	93	84	84	97
500-270096-8	3641V-05-B02 (0-5)D	79	84	91	82	81	98
500-270096-9	3641V-05-B02 (5-10)	81	85	97	86	54	86
500-270096-10	3641V-05-B03 (0-5)	79	86	94	88	85	97
500-270096-11	3641V-05-B03 (5-10)	66	71	78	69	55	85
500-270096-12	3641V-05-B04 (0-2)	74	80	88	82	80	93
500-270096-13	3641V-09-B01 (0-2)	80	84	94	84	79	94
500-270096-14	3641V-10-B01 (0-2)	91	94	108	95	87	102
500-270096-15	3641V-08-B01 (0-2)	81	85	96	87	75	96
500-270096-16	3641V-06-B02 (0-2)	83	88	99	90	87	98
500-270096-17	3641V-06-B01 (0-2)	82	86	94	88	84	95
500-270096-18	3641V-04-B02 (0-2)	68	77	82	78	86	98
500-270096-19	3641V-04-B01 (0-2)	68	74	79	73	85	101
LCS 500-823218/2-A	Lab Control Sample	79	80	94	83	91	95
LCS 500-823337/2-A	Lab Control Sample	76	75	76	84	83	91
MB 500-823218/1-A	Method Blank	86	89	101	86	86	96
MB 500-823337/1-A	Method Blank	83	80	80	86	76	100

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-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-823222/5

Matrix: Solid

Analysis Batch: 823222

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			06/25/25 09:32	1
Benzene	<0.0020		0.0020	0.00063	mg/Kg			06/25/25 09:32	1
Bromodichloromethane	<0.0020		0.0020	0.00064	mg/Kg			06/25/25 09:32	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg			06/25/25 09:32	1
Bromomethane	<0.0050		0.0050	0.0025	mg/Kg			06/25/25 09:32	1
2-Butanone (MEK)	<0.0050		0.0050	0.0022	mg/Kg			06/25/25 09:32	1
Carbon disulfide	<0.0050		0.0050	0.00092	mg/Kg			06/25/25 09:32	1
Carbon tetrachloride	<0.0020		0.0020	0.00068	mg/Kg			06/25/25 09:32	1
Chlorobenzene	<0.0020		0.0020	0.00084	mg/Kg			06/25/25 09:32	1
Chloroethane	<0.0050		0.0050	0.0016	mg/Kg			06/25/25 09:32	1
Chloroform	<0.0020		0.0020	0.0014	mg/Kg			06/25/25 09:32	1
Chloromethane	<0.0050		0.0050	0.00097	mg/Kg			06/25/25 09:32	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00081	mg/Kg			06/25/25 09:32	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00080	mg/Kg			06/25/25 09:32	1
Dibromochloromethane	<0.0020		0.0020	0.00093	mg/Kg			06/25/25 09:32	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0035	mg/Kg			06/25/25 09:32	1
1,1-Dichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/25/25 09:32	1
1,2-Dichloroethane	<0.0050		0.0050	0.0013	mg/Kg			06/25/25 09:32	1
1,1-Dichloroethene	<0.0020		0.0020	0.00082	mg/Kg			06/25/25 09:32	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg			06/25/25 09:32	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00096	mg/Kg			06/25/25 09:32	1
Ethylbenzene	<0.0020		0.0020	0.0011	mg/Kg			06/25/25 09:32	1
2-Hexanone	<0.0050		0.0050	0.0030	mg/Kg			06/25/25 09:32	1
Methylene Chloride	<0.0050		0.0050	0.0021	mg/Kg			06/25/25 09:32	1
4-Methyl-2-pentanone (MIBK)	<0.0050		0.0050	0.0036	mg/Kg			06/25/25 09:32	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00065	mg/Kg			06/25/25 09:32	1
Styrene	<0.0020		0.0020	0.00090	mg/Kg			06/25/25 09:32	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00099	mg/Kg			06/25/25 09:32	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg			06/25/25 09:32	1
Toluene	<0.0020		0.0020	0.00040	mg/Kg			06/25/25 09:32	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00076	mg/Kg			06/25/25 09:32	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00096	mg/Kg			06/25/25 09:32	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00081	mg/Kg			06/25/25 09:32	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/25/25 09:32	1
Trichloroethene	<0.0020		0.0020	0.00054	mg/Kg			06/25/25 09:32	1
Vinyl acetate	<0.0050		0.0050	0.0012	mg/Kg			06/25/25 09:32	1
Vinyl chloride	<0.0020		0.0020	0.00082	mg/Kg			06/25/25 09:32	1
Xylenes, Total	<0.0040		0.0040	0.00069	mg/Kg			06/25/25 09:32	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		75 - 131		06/25/25 09:32	1
Dibromofluoromethane	107		75 - 126		06/25/25 09:32	1
1,2-Dichloroethane-d4 (Surr)	107		70 - 134		06/25/25 09:32	1
Toluene-d8 (Surr)	99		75 - 124		06/25/25 09:32	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823222/7

Matrix: Solid

Analysis Batch: 823222

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	0.0428		mg/Kg		86	40 - 150
Benzene	0.0500	0.0483		mg/Kg		97	70 - 125
Bromodichloromethane	0.0500	0.0487		mg/Kg		97	67 - 129
Bromoform	0.0500	0.0454		mg/Kg		91	68 - 136
Bromomethane	0.0500	0.0347	*-	mg/Kg		69	70 - 130
2-Butanone (MEK)	0.0500	0.0411		mg/Kg		82	47 - 138
Carbon disulfide	0.0500	0.0557		mg/Kg		111	70 - 129
Carbon tetrachloride	0.0500	0.0523		mg/Kg		105	75 - 125
Chlorobenzene	0.0500	0.0465		mg/Kg		93	50 - 150
Chloroethane	0.0500	0.0470		mg/Kg		94	75 - 125
Chloroform	0.0500	0.0463		mg/Kg		93	57 - 135
Chloromethane	0.0500	0.0518		mg/Kg		104	70 - 125
cis-1,2-Dichloroethene	0.0500	0.0484		mg/Kg		97	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0484		mg/Kg		97	70 - 125
Dibromochloromethane	0.0500	0.0420		mg/Kg		84	69 - 125
1,2-Dibromo-3-Chloropropane	0.0500	0.0449		mg/Kg		90	60 - 136
1,1-Dichloroethane	0.0500	0.0488		mg/Kg		98	70 - 125
1,2-Dichloroethane	0.0500	0.0466		mg/Kg		93	70 - 130
1,1-Dichloroethene	0.0500	0.0524		mg/Kg		105	70 - 120
1,2-Dichloropropane	0.0500	0.0465		mg/Kg		93	70 - 125
Ethylbenzene	0.0500	0.0473		mg/Kg		95	61 - 136
2-Hexanone	0.0500	0.0394		mg/Kg		79	48 - 146
Methylene Chloride	0.0500	0.0456		mg/Kg		91	70 - 126
4-Methyl-2-pentanone (MIBK)	0.0500	0.0400		mg/Kg		80	50 - 148
Methyl tert-butyl ether	0.0500	0.0472		mg/Kg		94	50 - 140
Styrene	0.0500	0.0479		mg/Kg		96	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0456		mg/Kg		91	70 - 122
Tetrachloroethene	0.0500	0.0494		mg/Kg		99	70 - 124
Toluene	0.0500	0.0472		mg/Kg		94	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0502		mg/Kg		100	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0486		mg/Kg		97	70 - 125
1,1,1-Trichloroethane	0.0500	0.0495		mg/Kg		99	70 - 128
1,1,2-Trichloroethane	0.0500	0.0467		mg/Kg		93	70 - 125
Trichloroethene	0.0500	0.0499		mg/Kg		100	70 - 125
Vinyl acetate	0.0500	0.0506		mg/Kg		101	40 - 153
Vinyl chloride	0.0500	0.0582		mg/Kg		116	70 - 125
Xylenes, Total	0.100	0.0917		mg/Kg		92	53 - 147

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	98		75 - 131
Dibromofluoromethane	99		75 - 126
1,2-Dichloroethane-d4 (Surr)	98		70 - 134
Toluene-d8 (Surr)	98		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCSD 500-823222/8

Matrix: Solid

Analysis Batch: 823222

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	0.0438		mg/Kg		88	40 - 150	2	30
Benzene	0.0500	0.0493		mg/Kg		99	70 - 125	2	30
Bromodichloromethane	0.0500	0.0502		mg/Kg		100	67 - 129	3	30
Bromoform	0.0500	0.0507		mg/Kg		101	68 - 136	11	30
Bromomethane	0.0500	0.0348		mg/Kg		70	70 - 130	0	30
2-Butanone (MEK)	0.0500	0.0410		mg/Kg		82	47 - 138	0	30
Carbon disulfide	0.0500	0.0563		mg/Kg		113	70 - 129	1	30
Carbon tetrachloride	0.0500	0.0540		mg/Kg		108	75 - 125	3	30
Chlorobenzene	0.0500	0.0484		mg/Kg		97	50 - 150	4	30
Chloroethane	0.0500	0.0415		mg/Kg		83	75 - 125	12	30
Chloroform	0.0500	0.0475		mg/Kg		95	57 - 135	2	30
Chloromethane	0.0500	0.0515		mg/Kg		103	70 - 125	1	30
cis-1,2-Dichloroethene	0.0500	0.0503		mg/Kg		101	70 - 125	4	30
cis-1,3-Dichloropropene	0.0500	0.0512		mg/Kg		102	70 - 125	6	30
Dibromochloromethane	0.0500	0.0444		mg/Kg		89	69 - 125	6	30
1,2-Dibromo-3-Chloropropane	0.0500	0.0475		mg/Kg		95	60 - 136	6	30
1,1-Dichloroethane	0.0500	0.0493		mg/Kg		99	70 - 125	1	30
1,2-Dichloroethane	0.0500	0.0481		mg/Kg		96	70 - 130	3	30
1,1-Dichloroethene	0.0500	0.0522		mg/Kg		104	70 - 120	0	30
1,2-Dichloropropane	0.0500	0.0482		mg/Kg		96	70 - 125	3	30
Ethylbenzene	0.0500	0.0485		mg/Kg		97	61 - 136	2	30
2-Hexanone	0.0500	0.0421		mg/Kg		84	48 - 146	7	30
Methylene Chloride	0.0500	0.0451		mg/Kg		90	70 - 126	1	30
4-Methyl-2-pentanone (MIBK)	0.0500	0.0425		mg/Kg		85	50 - 148	6	30
Methyl tert-butyl ether	0.0500	0.0495		mg/Kg		99	50 - 140	5	30
Styrene	0.0500	0.0504		mg/Kg		101	70 - 125	5	30
1,1,2,2-Tetrachloroethane	0.0500	0.0481		mg/Kg		96	70 - 122	5	30
Tetrachloroethene	0.0500	0.0519		mg/Kg		104	70 - 124	5	30
Toluene	0.0500	0.0490		mg/Kg		98	70 - 125	4	30
trans-1,2-Dichloroethene	0.0500	0.0504		mg/Kg		101	70 - 125	0	30
trans-1,3-Dichloropropene	0.0500	0.0524		mg/Kg		105	70 - 125	7	30
1,1,1-Trichloroethane	0.0500	0.0506		mg/Kg		101	70 - 128	2	30
1,1,2-Trichloroethane	0.0500	0.0503		mg/Kg		101	70 - 125	7	30
Trichloroethene	0.0500	0.0516		mg/Kg		103	70 - 125	3	30
Vinyl acetate	0.0500	0.0545		mg/Kg		109	40 - 153	7	30
Vinyl chloride	0.0500	0.0587		mg/Kg		117	70 - 125	1	30
Xylenes, Total	0.100	0.0949		mg/Kg		95	53 - 147	3	30

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	99		75 - 131
Dibromofluoromethane	98		75 - 126
1,2-Dichloroethane-d4 (Surr)	96		70 - 134
Toluene-d8 (Surr)	101		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-823459/6

Matrix: Solid

Analysis Batch: 823459

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			06/26/25 12:15	1
Benzene	<0.0020		0.0020	0.00063	mg/Kg			06/26/25 12:15	1
Bromodichloromethane	<0.0020		0.0020	0.00064	mg/Kg			06/26/25 12:15	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg			06/26/25 12:15	1
Bromomethane	<0.0050		0.0050	0.0025	mg/Kg			06/26/25 12:15	1
2-Butanone (MEK)	<0.0050		0.0050	0.0022	mg/Kg			06/26/25 12:15	1
Carbon disulfide	<0.0050		0.0050	0.00092	mg/Kg			06/26/25 12:15	1
Carbon tetrachloride	<0.0020		0.0020	0.00068	mg/Kg			06/26/25 12:15	1
Chlorobenzene	<0.0020		0.0020	0.00084	mg/Kg			06/26/25 12:15	1
Chloroethane	<0.0050		0.0050	0.0016	mg/Kg			06/26/25 12:15	1
Chloroform	<0.0020		0.0020	0.0014	mg/Kg			06/26/25 12:15	1
Chloromethane	<0.0050		0.0050	0.00097	mg/Kg			06/26/25 12:15	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00081	mg/Kg			06/26/25 12:15	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00080	mg/Kg			06/26/25 12:15	1
Dibromochloromethane	<0.0020		0.0020	0.00093	mg/Kg			06/26/25 12:15	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0035	mg/Kg			06/26/25 12:15	1
1,1-Dichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/26/25 12:15	1
1,2-Dichloroethane	<0.0050		0.0050	0.0013	mg/Kg			06/26/25 12:15	1
1,1-Dichloroethene	<0.0020		0.0020	0.00082	mg/Kg			06/26/25 12:15	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg			06/26/25 12:15	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00096	mg/Kg			06/26/25 12:15	1
Ethylbenzene	<0.0020		0.0020	0.0011	mg/Kg			06/26/25 12:15	1
2-Hexanone	<0.0050		0.0050	0.0030	mg/Kg			06/26/25 12:15	1
Methylene Chloride	<0.0050		0.0050	0.0021	mg/Kg			06/26/25 12:15	1
4-Methyl-2-pentanone (MIBK)	<0.0050		0.0050	0.0036	mg/Kg			06/26/25 12:15	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00065	mg/Kg			06/26/25 12:15	1
Styrene	<0.0020		0.0020	0.00090	mg/Kg			06/26/25 12:15	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00099	mg/Kg			06/26/25 12:15	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg			06/26/25 12:15	1
Toluene	<0.0020		0.0020	0.00040	mg/Kg			06/26/25 12:15	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00076	mg/Kg			06/26/25 12:15	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00096	mg/Kg			06/26/25 12:15	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00081	mg/Kg			06/26/25 12:15	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/26/25 12:15	1
Trichloroethene	<0.0020		0.0020	0.00054	mg/Kg			06/26/25 12:15	1
Vinyl acetate	<0.0050		0.0050	0.0012	mg/Kg			06/26/25 12:15	1
Vinyl chloride	<0.0020		0.0020	0.00082	mg/Kg			06/26/25 12:15	1
Xylenes, Total	<0.0040		0.0040	0.00069	mg/Kg			06/26/25 12:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		75 - 131		06/26/25 12:15	1
Dibromofluoromethane	95		75 - 126		06/26/25 12:15	1
1,2-Dichloroethane-d4 (Surr)	90		70 - 134		06/26/25 12:15	1
Toluene-d8 (Surr)	107		75 - 124		06/26/25 12:15	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823459/2

Matrix: Solid

Analysis Batch: 823459

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	0.0355		mg/Kg		71	40 - 150
Benzene	0.0500	0.0591		mg/Kg		118	70 - 125
Bromodichloromethane	0.0500	0.0538		mg/Kg		108	67 - 129
Bromoform	0.0500	0.0491		mg/Kg		98	68 - 136
Bromomethane	0.0500	0.0422		mg/Kg		84	70 - 130
2-Butanone (MEK)	0.0500	0.0392		mg/Kg		78	47 - 138
Carbon disulfide	0.0500	0.0529		mg/Kg		106	70 - 129
Carbon tetrachloride	0.0500	0.0541		mg/Kg		108	75 - 125
Chlorobenzene	0.0500	0.0593		mg/Kg		119	50 - 150
Chloroethane	0.0500	0.0433		mg/Kg		87	75 - 125
Chloroform	0.0500	0.0563		mg/Kg		113	57 - 135
Chloromethane	0.0500	0.0344	*-	mg/Kg		69	70 - 125
cis-1,2-Dichloroethene	0.0500	0.0590		mg/Kg		118	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0600		mg/Kg		120	70 - 125
Dibromochloromethane	0.0500	0.0532		mg/Kg		106	69 - 125
1,2-Dibromo-3-Chloropropane	0.0500	0.0577		mg/Kg		115	60 - 136
1,1-Dichloroethane	0.0500	0.0546		mg/Kg		109	70 - 125
1,2-Dichloroethane	0.0500	0.0520		mg/Kg		104	70 - 130
1,1-Dichloroethene	0.0500	0.0524		mg/Kg		105	70 - 120
1,2-Dichloropropane	0.0500	0.0556		mg/Kg		111	70 - 125
Ethylbenzene	0.0500	0.0579		mg/Kg		116	61 - 136
2-Hexanone	0.0500	0.0410		mg/Kg		82	48 - 146
Methylene Chloride	0.0500	0.0496		mg/Kg		99	70 - 126
4-Methyl-2-pentanone (MIBK)	0.0500	0.0421		mg/Kg		84	50 - 148
Methyl tert-butyl ether	0.0500	0.0563		mg/Kg		113	50 - 140
Styrene	0.0500	0.0571		mg/Kg		114	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0597		mg/Kg		119	70 - 122
Tetrachloroethene	0.0500	0.0557		mg/Kg		111	70 - 124
Toluene	0.0500	0.0607		mg/Kg		121	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0597		mg/Kg		119	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0565		mg/Kg		113	70 - 125
1,1,1-Trichloroethane	0.0500	0.0543		mg/Kg		109	70 - 128
1,1,2-Trichloroethane	0.0500	0.0580		mg/Kg		116	70 - 125
Trichloroethene	0.0500	0.0585		mg/Kg		117	70 - 125
Vinyl acetate	0.0500	0.0441		mg/Kg		88	40 - 153
Vinyl chloride	0.0500	0.0435		mg/Kg		87	70 - 125
Xylenes, Total	0.100	0.116		mg/Kg		116	53 - 147

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		75 - 131
Dibromofluoromethane	95		75 - 126
1,2-Dichloroethane-d4 (Surr)	89		70 - 134
Toluene-d8 (Surr)	107		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCSD 500-823459/3

Matrix: Solid

Analysis Batch: 823459

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	0.0330		mg/Kg		66	40 - 150	7	30
Benzene	0.0500	0.0503		mg/Kg		101	70 - 125	16	30
Bromodichloromethane	0.0500	0.0467		mg/Kg		93	67 - 129	14	30
Bromoform	0.0500	0.0429		mg/Kg		86	68 - 136	13	30
Bromomethane	0.0500	0.0420		mg/Kg		84	70 - 130	0	30
2-Butanone (MEK)	0.0500	0.0374		mg/Kg		75	47 - 138	5	30
Carbon disulfide	0.0500	0.0460		mg/Kg		92	70 - 129	14	30
Carbon tetrachloride	0.0500	0.0461		mg/Kg		92	75 - 125	16	30
Chlorobenzene	0.0500	0.0511		mg/Kg		102	50 - 150	15	30
Chloroethane	0.0500	0.0449		mg/Kg		90	75 - 125	4	30
Chloroform	0.0500	0.0473		mg/Kg		95	57 - 135	17	30
Chloromethane	0.0500	0.0354		mg/Kg		71	70 - 125	3	30
cis-1,2-Dichloroethene	0.0500	0.0505		mg/Kg		101	70 - 125	16	30
cis-1,3-Dichloropropene	0.0500	0.0512		mg/Kg		102	70 - 125	16	30
Dibromochloromethane	0.0500	0.0474		mg/Kg		95	69 - 125	12	30
1,2-Dibromo-3-Chloropropane	0.0500	0.0517		mg/Kg		103	60 - 136	11	30
1,1-Dichloroethane	0.0500	0.0474		mg/Kg		95	70 - 125	14	30
1,2-Dichloroethane	0.0500	0.0457		mg/Kg		91	70 - 130	13	30
1,1-Dichloroethene	0.0500	0.0456		mg/Kg		91	70 - 120	14	30
1,2-Dichloropropane	0.0500	0.0487		mg/Kg		97	70 - 125	13	30
Ethylbenzene	0.0500	0.0500		mg/Kg		100	61 - 136	14	30
2-Hexanone	0.0500	0.0372		mg/Kg		74	48 - 146	10	30
Methylene Chloride	0.0500	0.0426		mg/Kg		85	70 - 126	15	30
4-Methyl-2-pentanone (MIBK)	0.0500	0.0376		mg/Kg		75	50 - 148	11	30
Methyl tert-butyl ether	0.0500	0.0503		mg/Kg		101	50 - 140	11	30
Styrene	0.0500	0.0493		mg/Kg		99	70 - 125	15	30
1,1,2,2-Tetrachloroethane	0.0500	0.0537		mg/Kg		107	70 - 122	11	30
Tetrachloroethene	0.0500	0.0482		mg/Kg		96	70 - 124	14	30
Toluene	0.0500	0.0521		mg/Kg		104	70 - 125	15	30
trans-1,2-Dichloroethene	0.0500	0.0511		mg/Kg		102	70 - 125	15	30
trans-1,3-Dichloropropene	0.0500	0.0503		mg/Kg		101	70 - 125	12	30
1,1,1-Trichloroethane	0.0500	0.0470		mg/Kg		94	70 - 128	14	30
1,1,2-Trichloroethane	0.0500	0.0523		mg/Kg		105	70 - 125	10	30
Trichloroethene	0.0500	0.0493		mg/Kg		99	70 - 125	17	30
Vinyl acetate	0.0500	0.0390		mg/Kg		78	40 - 153	12	30
Vinyl chloride	0.0500	0.0440		mg/Kg		88	70 - 125	1	30
Xylenes, Total	0.100	0.100		mg/Kg		100	53 - 147	15	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		75 - 131
Dibromofluoromethane	96		75 - 126
1,2-Dichloroethane-d4 (Surr)	90		70 - 134
Toluene-d8 (Surr)	108		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-823604/7

Matrix: Solid

Analysis Batch: 823604

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			06/27/25 11:11	1
Benzene	<0.0020		0.0020	0.00063	mg/Kg			06/27/25 11:11	1
Bromodichloromethane	<0.0020		0.0020	0.00064	mg/Kg			06/27/25 11:11	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg			06/27/25 11:11	1
Bromomethane	<0.0050		0.0050	0.0025	mg/Kg			06/27/25 11:11	1
2-Butanone (MEK)	<0.0050		0.0050	0.0022	mg/Kg			06/27/25 11:11	1
Carbon disulfide	<0.0050		0.0050	0.00092	mg/Kg			06/27/25 11:11	1
Carbon tetrachloride	<0.0020		0.0020	0.00068	mg/Kg			06/27/25 11:11	1
Chlorobenzene	<0.0020		0.0020	0.00084	mg/Kg			06/27/25 11:11	1
Chloroethane	<0.0050		0.0050	0.0016	mg/Kg			06/27/25 11:11	1
Chloroform	<0.0020		0.0020	0.0014	mg/Kg			06/27/25 11:11	1
Chloromethane	<0.0050		0.0050	0.00097	mg/Kg			06/27/25 11:11	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00081	mg/Kg			06/27/25 11:11	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00080	mg/Kg			06/27/25 11:11	1
Dibromochloromethane	<0.0020		0.0020	0.00093	mg/Kg			06/27/25 11:11	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0035	mg/Kg			06/27/25 11:11	1
1,1-Dichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/27/25 11:11	1
1,2-Dichloroethane	<0.0050		0.0050	0.0013	mg/Kg			06/27/25 11:11	1
1,1-Dichloroethene	<0.0020		0.0020	0.00082	mg/Kg			06/27/25 11:11	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg			06/27/25 11:11	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00096	mg/Kg			06/27/25 11:11	1
Ethylbenzene	<0.0020		0.0020	0.0011	mg/Kg			06/27/25 11:11	1
2-Hexanone	<0.0050		0.0050	0.0030	mg/Kg			06/27/25 11:11	1
Methylene Chloride	<0.0050		0.0050	0.0021	mg/Kg			06/27/25 11:11	1
4-Methyl-2-pentanone (MIBK)	<0.0050		0.0050	0.0036	mg/Kg			06/27/25 11:11	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00065	mg/Kg			06/27/25 11:11	1
Styrene	<0.0020		0.0020	0.00090	mg/Kg			06/27/25 11:11	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00099	mg/Kg			06/27/25 11:11	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg			06/27/25 11:11	1
Toluene	<0.0020		0.0020	0.00040	mg/Kg			06/27/25 11:11	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00076	mg/Kg			06/27/25 11:11	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00096	mg/Kg			06/27/25 11:11	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00081	mg/Kg			06/27/25 11:11	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/27/25 11:11	1
Trichloroethene	<0.0020		0.0020	0.00054	mg/Kg			06/27/25 11:11	1
Vinyl acetate	<0.0050		0.0050	0.0012	mg/Kg			06/27/25 11:11	1
Vinyl chloride	<0.0020		0.0020	0.00082	mg/Kg			06/27/25 11:11	1
Xylenes, Total	<0.0040		0.0040	0.00069	mg/Kg			06/27/25 11:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		75 - 131		06/27/25 11:11	1
Dibromofluoromethane	93		75 - 126		06/27/25 11:11	1
1,2-Dichloroethane-d4 (Surr)	92		70 - 134		06/27/25 11:11	1
Toluene-d8 (Surr)	106		75 - 124		06/27/25 11:11	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823604/4

Matrix: Solid

Analysis Batch: 823604

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	0.0365		mg/Kg		73	40 - 150
Benzene	0.0500	0.0558		mg/Kg		112	70 - 125
Bromodichloromethane	0.0500	0.0507		mg/Kg		101	67 - 129
Bromoform	0.0500	0.0452		mg/Kg		90	68 - 136
Bromomethane	0.0500	0.0478		mg/Kg		96	70 - 130
2-Butanone (MEK)	0.0500	0.0402		mg/Kg		80	47 - 138
Carbon disulfide	0.0500	0.0503		mg/Kg		101	70 - 129
Carbon tetrachloride	0.0500	0.0513		mg/Kg		103	75 - 125
Chlorobenzene	0.0500	0.0550		mg/Kg		110	50 - 150
Chloroethane	0.0500	0.0481		mg/Kg		96	75 - 125
Chloroform	0.0500	0.0519		mg/Kg		104	57 - 135
Chloromethane	0.0500	0.0437		mg/Kg		87	70 - 125
cis-1,2-Dichloroethene	0.0500	0.0553		mg/Kg		111	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0543		mg/Kg		109	70 - 125
Dibromochloromethane	0.0500	0.0498		mg/Kg		100	69 - 125
1,2-Dibromo-3-Chloropropane	0.0500	0.0560		mg/Kg		112	60 - 136
1,1-Dichloroethane	0.0500	0.0519		mg/Kg		104	70 - 125
1,2-Dichloroethane	0.0500	0.0491		mg/Kg		98	70 - 130
1,1-Dichloroethene	0.0500	0.0501		mg/Kg		100	70 - 120
1,2-Dichloropropane	0.0500	0.0526		mg/Kg		105	70 - 125
Ethylbenzene	0.0500	0.0549		mg/Kg		110	61 - 136
2-Hexanone	0.0500	0.0373		mg/Kg		75	48 - 146
Methylene Chloride	0.0500	0.0491		mg/Kg		98	70 - 126
4-Methyl-2-pentanone (MIBK)	0.0500	0.0393		mg/Kg		79	50 - 148
Methyl tert-butyl ether	0.0500	0.0541		mg/Kg		108	50 - 140
Styrene	0.0500	0.0536		mg/Kg		107	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0551		mg/Kg		110	70 - 122
Tetrachloroethene	0.0500	0.0524		mg/Kg		105	70 - 124
Toluene	0.0500	0.0561		mg/Kg		112	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0566		mg/Kg		113	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0526		mg/Kg		105	70 - 125
1,1,1-Trichloroethane	0.0500	0.0522		mg/Kg		104	70 - 128
1,1,2-Trichloroethane	0.0500	0.0553		mg/Kg		111	70 - 125
Trichloroethene	0.0500	0.0566		mg/Kg		113	70 - 125
Vinyl acetate	0.0500	0.0389		mg/Kg		78	40 - 153
Vinyl chloride	0.0500	0.0512		mg/Kg		102	70 - 125
Xylenes, Total	0.100	0.109		mg/Kg		109	53 - 147

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	114		75 - 131
Dibromofluoromethane	95		75 - 126
1,2-Dichloroethane-d4 (Surr)	92		70 - 134
Toluene-d8 (Surr)	106		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCSD 500-823604/5

Matrix: Solid

Analysis Batch: 823604

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	0.0354		mg/Kg		71	40 - 150	3	30
Benzene	0.0500	0.0533		mg/Kg		107	70 - 125	5	30
Bromodichloromethane	0.0500	0.0484		mg/Kg		97	67 - 129	4	30
Bromoform	0.0500	0.0435		mg/Kg		87	68 - 136	4	30
Bromomethane	0.0500	0.0461		mg/Kg		92	70 - 130	4	30
2-Butanone (MEK)	0.0500	0.0365		mg/Kg		73	47 - 138	10	30
Carbon disulfide	0.0500	0.0495		mg/Kg		99	70 - 129	1	30
Carbon tetrachloride	0.0500	0.0504		mg/Kg		101	75 - 125	2	30
Chlorobenzene	0.0500	0.0543		mg/Kg		109	50 - 150	1	30
Chloroethane	0.0500	0.0479		mg/Kg		96	75 - 125	1	30
Chloroform	0.0500	0.0506		mg/Kg		101	57 - 135	2	30
Chloromethane	0.0500	0.0421		mg/Kg		84	70 - 125	4	30
cis-1,2-Dichloroethene	0.0500	0.0539		mg/Kg		108	70 - 125	3	30
cis-1,3-Dichloropropene	0.0500	0.0537		mg/Kg		107	70 - 125	1	30
Dibromochloromethane	0.0500	0.0482		mg/Kg		96	69 - 125	3	30
1,2-Dibromo-3-Chloropropane	0.0500	0.0511		mg/Kg		102	60 - 136	9	30
1,1-Dichloroethane	0.0500	0.0502		mg/Kg		100	70 - 125	3	30
1,2-Dichloroethane	0.0500	0.0472		mg/Kg		94	70 - 130	4	30
1,1-Dichloroethene	0.0500	0.0483		mg/Kg		97	70 - 120	4	30
1,2-Dichloropropane	0.0500	0.0509		mg/Kg		102	70 - 125	3	30
Ethylbenzene	0.0500	0.0527		mg/Kg		105	61 - 136	4	30
2-Hexanone	0.0500	0.0353		mg/Kg		71	48 - 146	5	30
Methylene Chloride	0.0500	0.0494		mg/Kg		99	70 - 126	1	30
4-Methyl-2-pentanone (MIBK)	0.0500	0.0371		mg/Kg		74	50 - 148	6	30
Methyl tert-butyl ether	0.0500	0.0521		mg/Kg		104	50 - 140	4	30
Styrene	0.0500	0.0513		mg/Kg		103	70 - 125	4	30
1,1,2,2-Tetrachloroethane	0.0500	0.0518		mg/Kg		104	70 - 122	6	30
Tetrachloroethene	0.0500	0.0514		mg/Kg		103	70 - 124	2	30
Toluene	0.0500	0.0555		mg/Kg		111	70 - 125	1	30
trans-1,2-Dichloroethene	0.0500	0.0555		mg/Kg		111	70 - 125	2	30
trans-1,3-Dichloropropene	0.0500	0.0513		mg/Kg		103	70 - 125	2	30
1,1,1-Trichloroethane	0.0500	0.0506		mg/Kg		101	70 - 128	3	30
1,1,2-Trichloroethane	0.0500	0.0527		mg/Kg		105	70 - 125	5	30
Trichloroethene	0.0500	0.0544		mg/Kg		109	70 - 125	4	30
Vinyl acetate	0.0500	0.0363		mg/Kg		73	40 - 153	7	30
Vinyl chloride	0.0500	0.0488		mg/Kg		98	70 - 125	5	30
Xylenes, Total	0.100	0.105		mg/Kg		105	53 - 147	3	30

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	114		75 - 131
Dibromofluoromethane	95		75 - 126
1,2-Dichloroethane-d4 (Surr)	90		70 - 134
Toluene-d8 (Surr)	108		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-823845/8

Matrix: Solid

Analysis Batch: 823845

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			06/30/25 11:25	1
Benzene	<0.0020		0.0020	0.00063	mg/Kg			06/30/25 11:25	1
Bromodichloromethane	<0.0020		0.0020	0.00064	mg/Kg			06/30/25 11:25	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg			06/30/25 11:25	1
Bromomethane	<0.0050		0.0050	0.0025	mg/Kg			06/30/25 11:25	1
2-Butanone (MEK)	<0.0050		0.0050	0.0022	mg/Kg			06/30/25 11:25	1
Carbon disulfide	<0.0050		0.0050	0.00092	mg/Kg			06/30/25 11:25	1
Carbon tetrachloride	<0.0020		0.0020	0.00068	mg/Kg			06/30/25 11:25	1
Chlorobenzene	<0.0020		0.0020	0.00084	mg/Kg			06/30/25 11:25	1
Chloroethane	<0.0050		0.0050	0.0016	mg/Kg			06/30/25 11:25	1
Chloroform	<0.0020		0.0020	0.0014	mg/Kg			06/30/25 11:25	1
Chloromethane	<0.0050		0.0050	0.00097	mg/Kg			06/30/25 11:25	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00081	mg/Kg			06/30/25 11:25	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00080	mg/Kg			06/30/25 11:25	1
Dibromochloromethane	<0.0020		0.0020	0.00093	mg/Kg			06/30/25 11:25	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0035	mg/Kg			06/30/25 11:25	1
1,1-Dichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/30/25 11:25	1
1,2-Dichloroethane	<0.0050		0.0050	0.0013	mg/Kg			06/30/25 11:25	1
1,1-Dichloroethene	<0.0020		0.0020	0.00082	mg/Kg			06/30/25 11:25	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg			06/30/25 11:25	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00096	mg/Kg			06/30/25 11:25	1
Ethylbenzene	<0.0020		0.0020	0.0011	mg/Kg			06/30/25 11:25	1
2-Hexanone	<0.0050		0.0050	0.0030	mg/Kg			06/30/25 11:25	1
Methylene Chloride	<0.0050		0.0050	0.0021	mg/Kg			06/30/25 11:25	1
4-Methyl-2-pentanone (MIBK)	<0.0050		0.0050	0.0036	mg/Kg			06/30/25 11:25	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00065	mg/Kg			06/30/25 11:25	1
Styrene	<0.0020		0.0020	0.00090	mg/Kg			06/30/25 11:25	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00099	mg/Kg			06/30/25 11:25	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg			06/30/25 11:25	1
Toluene	<0.0020		0.0020	0.00040	mg/Kg			06/30/25 11:25	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00076	mg/Kg			06/30/25 11:25	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00096	mg/Kg			06/30/25 11:25	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00081	mg/Kg			06/30/25 11:25	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/30/25 11:25	1
Trichloroethene	<0.0020		0.0020	0.00054	mg/Kg			06/30/25 11:25	1
Vinyl acetate	<0.0050		0.0050	0.0012	mg/Kg			06/30/25 11:25	1
Vinyl chloride	<0.0020		0.0020	0.00082	mg/Kg			06/30/25 11:25	1
Xylenes, Total	<0.0040		0.0040	0.00069	mg/Kg			06/30/25 11:25	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		75 - 131		06/30/25 11:25	1
Dibromofluoromethane	100		75 - 126		06/30/25 11:25	1
1,2-Dichloroethane-d4 (Surr)	100		70 - 134		06/30/25 11:25	1
Toluene-d8 (Surr)	103		75 - 124		06/30/25 11:25	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823845/6

Matrix: Solid

Analysis Batch: 823845

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	0.0429		mg/Kg		86	40 - 150
Benzene	0.0500	0.0519		mg/Kg		104	70 - 125
Bromodichloromethane	0.0500	0.0491		mg/Kg		98	67 - 129
Bromoform	0.0500	0.0489		mg/Kg		98	68 - 136
Bromomethane	0.0500	0.0576		mg/Kg		115	70 - 130
2-Butanone (MEK)	0.0500	0.0469		mg/Kg		94	47 - 138
Carbon disulfide	0.0500	0.0497		mg/Kg		99	70 - 129
Carbon tetrachloride	0.0500	0.0441		mg/Kg		88	75 - 125
Chlorobenzene	0.0500	0.0484		mg/Kg		97	50 - 150
Chloroethane	0.0500	0.0490		mg/Kg		98	75 - 125
Chloroform	0.0500	0.0458		mg/Kg		92	57 - 135
Chloromethane	0.0500	0.0522		mg/Kg		104	70 - 125
cis-1,2-Dichloroethene	0.0500	0.0495		mg/Kg		99	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0525		mg/Kg		105	70 - 125
Dibromochloromethane	0.0500	0.0497		mg/Kg		99	69 - 125
1,2-Dibromo-3-Chloropropane	0.0500	0.0506		mg/Kg		101	60 - 136
1,1-Dichloroethane	0.0500	0.0491		mg/Kg		98	70 - 125
1,2-Dichloroethane	0.0500	0.0475		mg/Kg		95	70 - 130
1,1-Dichloroethene	0.0500	0.0492		mg/Kg		98	70 - 120
1,2-Dichloropropane	0.0500	0.0508		mg/Kg		102	70 - 125
Ethylbenzene	0.0500	0.0548		mg/Kg		110	61 - 136
2-Hexanone	0.0500	0.0520		mg/Kg		104	48 - 146
Methylene Chloride	0.0500	0.0516		mg/Kg		103	70 - 126
4-Methyl-2-pentanone (MIBK)	0.0500	0.0538		mg/Kg		108	50 - 148
Methyl tert-butyl ether	0.0500	0.0477		mg/Kg		95	50 - 140
Styrene	0.0500	0.0539		mg/Kg		108	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0575		mg/Kg		115	70 - 122
Tetrachloroethene	0.0500	0.0490		mg/Kg		98	70 - 124
Toluene	0.0500	0.0465		mg/Kg		93	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0487		mg/Kg		97	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0501		mg/Kg		100	70 - 125
1,1,1-Trichloroethane	0.0500	0.0465		mg/Kg		93	70 - 128
1,1,2-Trichloroethane	0.0500	0.0512		mg/Kg		102	70 - 125
Trichloroethene	0.0500	0.0469		mg/Kg		94	70 - 125
Vinyl acetate	0.0500	0.0545		mg/Kg		109	40 - 153
Vinyl chloride	0.0500	0.0526		mg/Kg		105	70 - 125
Xylenes, Total	0.100	0.0988		mg/Kg		99	53 - 147

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	98		75 - 131
Dibromofluoromethane	98		75 - 126
1,2-Dichloroethane-d4 (Surr)	99		70 - 134
Toluene-d8 (Surr)	102		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCSD 500-823845/9

Matrix: Solid

Analysis Batch: 823845

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	0.0334		mg/Kg		67	40 - 150	25	30
Benzene	0.0500	0.0429		mg/Kg		86	70 - 125	19	30
Bromodichloromethane	0.0500	0.0411		mg/Kg		82	67 - 129	18	30
Bromoform	0.0500	0.0385		mg/Kg		77	68 - 136	24	30
Bromomethane	0.0500	0.0441		mg/Kg		88	70 - 130	27	30
2-Butanone (MEK)	0.0500	0.0376		mg/Kg		75	47 - 138	22	30
Carbon disulfide	0.0500	0.0421		mg/Kg		84	70 - 129	17	30
Carbon tetrachloride	0.0500	0.0372	*-	mg/Kg		74	75 - 125	17	30
Chlorobenzene	0.0500	0.0402		mg/Kg		80	50 - 150	18	30
Chloroethane	0.0500	0.0389		mg/Kg		78	75 - 125	23	30
Chloroform	0.0500	0.0378		mg/Kg		76	57 - 135	19	30
Chloromethane	0.0500	0.0409		mg/Kg		82	70 - 125	24	30
cis-1,2-Dichloroethene	0.0500	0.0418		mg/Kg		84	70 - 125	17	30
cis-1,3-Dichloropropene	0.0500	0.0446		mg/Kg		89	70 - 125	16	30
Dibromochloromethane	0.0500	0.0408		mg/Kg		82	69 - 125	20	30
1,2-Dibromo-3-Chloropropane	0.0500	0.0396		mg/Kg		79	60 - 136	24	30
1,1-Dichloroethane	0.0500	0.0405		mg/Kg		81	70 - 125	19	30
1,2-Dichloroethane	0.0500	0.0387		mg/Kg		77	70 - 130	20	30
1,1-Dichloroethene	0.0500	0.0409		mg/Kg		82	70 - 120	18	30
1,2-Dichloropropane	0.0500	0.0429		mg/Kg		86	70 - 125	17	30
Ethylbenzene	0.0500	0.0449		mg/Kg		90	61 - 136	20	30
2-Hexanone	0.0500	0.0430		mg/Kg		86	48 - 146	19	30
Methylene Chloride	0.0500	0.0437		mg/Kg		87	70 - 126	17	30
4-Methyl-2-pentanone (MIBK)	0.0500	0.0439		mg/Kg		88	50 - 148	20	30
Methyl tert-butyl ether	0.0500	0.0390		mg/Kg		78	50 - 140	20	30
Styrene	0.0500	0.0444		mg/Kg		89	70 - 125	19	30
1,1,2,2-Tetrachloroethane	0.0500	0.0479		mg/Kg		96	70 - 122	18	30
Tetrachloroethene	0.0500	0.0404		mg/Kg		81	70 - 124	19	30
Toluene	0.0500	0.0392		mg/Kg		78	70 - 125	17	30
trans-1,2-Dichloroethene	0.0500	0.0417		mg/Kg		83	70 - 125	15	30
trans-1,3-Dichloropropene	0.0500	0.0414		mg/Kg		83	70 - 125	19	30
1,1,1-Trichloroethane	0.0500	0.0383		mg/Kg		77	70 - 128	19	30
1,1,2-Trichloroethane	0.0500	0.0424		mg/Kg		85	70 - 125	19	30
Trichloroethene	0.0500	0.0391		mg/Kg		78	70 - 125	18	30
Vinyl acetate	0.0500	0.0449		mg/Kg		90	40 - 153	19	30
Vinyl chloride	0.0500	0.0426		mg/Kg		85	70 - 125	21	30
Xylenes, Total	0.100	0.0823		mg/Kg		82	53 - 147	18	30

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	102		75 - 131
Dibromofluoromethane	99		75 - 126
1,2-Dichloroethane-d4 (Surr)	101		70 - 134
Toluene-d8 (Surr)	107		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-823218/1-A

Matrix: Solid

Analysis Batch: 823426

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 823218

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		06/25/25 07:38	06/26/25 11:47	1
1,2-Dichlorobenzene	<0.17		0.17	0.014	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
1,3-Dichlorobenzene	<0.17		0.17	0.015	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
1,4-Dichlorobenzene	<0.17		0.17	0.016	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,2'-oxybis[1-chloropropane]	<0.17		0.17	0.024	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,4,5-Trichlorophenol	<0.33		0.33	0.013	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,4,6-Trichlorophenol	<0.33		0.33	0.011	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,4-Dichlorophenol	<0.33		0.33	0.012	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,4-Dimethylphenol	<0.33		0.33	0.074	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,4-Dinitrophenol	<0.67		0.67	0.19	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,4-Dinitrotoluene	<0.17		0.17	0.019	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,6-Dinitrotoluene	<0.17		0.17	0.023	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2-Chloronaphthalene	<0.17		0.17	0.012	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2-Chlorophenol	<0.17		0.17	0.011	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2-Methylnaphthalene	<0.067		0.067	0.0067	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2-Methylphenol	<0.17		0.17	0.018	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2-Nitroaniline	<0.17		0.17	0.018	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2-Nitrophenol	<0.33		0.33	0.023	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
3 & 4 Methylphenol	<0.17		0.17	0.024	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
3,3'-Dichlorobenzidine	<0.17		0.17	0.15	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
3-Nitroaniline	<0.33		0.33	0.015	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
4,6-Dinitro-2-methylphenol	<0.67		0.67	0.19	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
4-Bromophenyl phenyl ether	<0.17		0.17	0.023	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
4-Chloro-3-methylphenol	<0.33		0.33	0.028	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
4-Chloroaniline	<0.67		0.67	0.35	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
4-Chlorophenyl phenyl ether	<0.17		0.17	0.044	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
4-Nitroaniline	<0.33		0.33	0.025	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
4-Nitrophenol	<0.67		0.67	0.36	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Acenaphthene	<0.033		0.033	0.0068	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Acenaphthylene	<0.033		0.033	0.0056	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Anthracene	<0.033		0.033	0.0068	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Benzo[a]anthracene	<0.033		0.033	0.0070	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Benzo[a]pyrene	<0.033		0.033	0.032	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Benzo[b]fluoranthene	<0.033		0.033	0.032	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Benzo[g,h,i]perylene	<0.033		0.033	0.015	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Benzo[k]fluoranthene	<0.033		0.033	0.013	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Bis(2-chloroethoxy)methane	<0.17		0.17	0.012	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Bis(2-chloroethyl)ether	<0.17		0.17	0.015	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Bis(2-ethylhexyl) phthalate	<0.17		0.17	0.13	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Butyl benzyl phthalate	<0.17		0.17	0.017	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Carbazole	<0.17		0.17	0.013	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Chrysene	<0.033		0.033	0.0088	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Dibenz(a,h)anthracene	<0.033		0.033	0.033	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Dibenzofuran	<0.17		0.17	0.012	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Diethyl phthalate	<0.17		0.17	0.015	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Dimethyl phthalate	<0.17		0.17	0.0072	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Di-n-butyl phthalate	<0.17		0.17	0.011	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Di-n-octyl phthalate	<0.33		0.33	0.23	mg/Kg		06/25/25 07:38	06/26/25 11:47	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-823218/1-A

Matrix: Solid

Analysis Batch: 823426

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 823218

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	<0.033		0.033	0.0077	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Fluorene	<0.033		0.033	0.0098	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Hexachlorobenzene	<0.067		0.067	0.0064	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Hexachlorobutadiene	<0.17		0.17	0.019	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Hexachlorocyclopentadiene	<0.67		0.67	0.35	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Hexachloroethane	<0.17		0.17	0.017	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Indeno[1,2,3-cd]pyrene	<0.033		0.033	0.032	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Isophorone	<0.17		0.17	0.017	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Naphthalene	<0.033		0.033	0.0060	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Nitrobenzene	<0.033		0.033	0.011	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
N-Nitrosodi-n-propylamine	<0.067		0.067	0.019	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
N-Nitrosodiphenylamine	<0.17		0.17	0.066	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Pentachlorophenol	<0.67		0.67	0.37	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Phenanthrene	<0.033		0.033	0.0072	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Phenol	<0.17		0.17	0.014	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Pyrene	<0.033		0.033	0.0091	mg/Kg		06/25/25 07:38	06/26/25 11:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	86		31 - 166	06/25/25 07:38	06/26/25 11:47	1
Phenol-d5 (Surr)	89		30 - 153	06/25/25 07:38	06/26/25 11:47	1
Nitrobenzene-d5 (Surr)	101		37 - 147	06/25/25 07:38	06/26/25 11:47	1
2-Fluorobiphenyl (Surr)	86		43 - 145	06/25/25 07:38	06/26/25 11:47	1
2,4,6-Tribromophenol (Surr)	86		31 - 143	06/25/25 07:38	06/26/25 11:47	1
Terphenyl-d14 (Surr)	96		42 - 157	06/25/25 07:38	06/26/25 11:47	1

Lab Sample ID: LCS 500-823218/2-A

Matrix: Solid

Analysis Batch: 823426

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823218

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	3.33	2.28		mg/Kg		68	49 - 100
1,2-Dichlorobenzene	3.33	2.15		mg/Kg		64	47 - 94
1,3-Dichlorobenzene	3.33	2.17		mg/Kg		65	47 - 92
1,4-Dichlorobenzene	3.33	2.18		mg/Kg		65	46 - 92
2,2'-oxybis[1-chloropropane]	3.33	2.94		mg/Kg		88	43 - 111
2,4,5-Trichlorophenol	3.33	2.93		mg/Kg		88	48 - 121
2,4,6-Trichlorophenol	3.33	2.82		mg/Kg		85	50 - 121
2,4-Dichlorophenol	3.33	2.49		mg/Kg		75	51 - 109
2,4-Dimethylphenol	3.33	2.54		mg/Kg		76	48 - 93
2,4-Dinitrophenol	6.67	5.79		mg/Kg		87	10 - 130
2,4-Dinitrotoluene	3.33	2.97		mg/Kg		89	65 - 120
2,6-Dinitrotoluene	3.33	3.05		mg/Kg		91	66 - 117
2-Chloronaphthalene	3.33	2.61		mg/Kg		78	60 - 107
2-Chlorophenol	3.33	2.58		mg/Kg		77	50 - 102
2-Methylnaphthalene	3.33	2.57		mg/Kg		77	58 - 103
2-Methylphenol	3.33	2.34		mg/Kg		70	50 - 104
2-Nitroaniline	3.33	3.53		mg/Kg		106	61 - 126
2-Nitrophenol	3.33	2.70		mg/Kg		81	41 - 114

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823218/2-A

Matrix: Solid

Analysis Batch: 823426

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823218

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
3 & 4 Methylphenol	3.33	2.42		mg/Kg		73	49 - 109
3,3'-Dichlorobenzidine	3.33	2.74		mg/Kg		82	36 - 131
3-Nitroaniline	3.33	2.84		mg/Kg		85	44 - 124
4,6-Dinitro-2-methylphenol	6.67	7.01		mg/Kg		105	36 - 138
4-Bromophenyl phenyl ether	3.33	3.07		mg/Kg		92	57 - 124
4-Chloro-3-methylphenol	3.33	2.67		mg/Kg		80	57 - 113
4-Chloroaniline	3.33	2.20		mg/Kg		66	22 - 110
4-Chlorophenyl phenyl ether	3.33	2.48		mg/Kg		75	60 - 112
4-Nitroaniline	3.33	3.02		mg/Kg		91	60 - 115
4-Nitrophenol	6.67	4.48		mg/Kg		67	45 - 126
Acenaphthene	3.33	2.61		mg/Kg		78	63 - 109
Acenaphthylene	3.33	2.81		mg/Kg		84	61 - 115
Anthracene	3.33	3.09		mg/Kg		93	68 - 120
Benzo[a]anthracene	3.33	2.82		mg/Kg		85	70 - 121
Benzo[a]pyrene	3.33	3.32		mg/Kg		100	73 - 132
Benzo[b]fluoranthene	3.33	3.53		mg/Kg		106	68 - 123
Benzo[g,h,i]perylene	3.33	3.14		mg/Kg		94	65 - 126
Benzo[k]fluoranthene	3.33	3.04		mg/Kg		91	64 - 128
Bis(2-chloroethoxy)methane	3.33	2.68		mg/Kg		80	54 - 102
Bis(2-chloroethyl)ether	3.33	2.70		mg/Kg		81	49 - 99
Bis(2-ethylhexyl) phthalate	3.33	3.22		mg/Kg		97	70 - 139
Butyl benzyl phthalate	3.33	3.12		mg/Kg		94	65 - 140
Carbazole	3.33	3.09		mg/Kg		93	68 - 120
Chrysene	3.33	2.91		mg/Kg		87	70 - 123
Dibenz(a,h)anthracene	3.33	2.75		mg/Kg		82	66 - 125
Dibenzofuran	3.33	2.60		mg/Kg		78	64 - 112
Diethyl phthalate	3.33	2.94		mg/Kg		88	66 - 115
Dimethyl phthalate	3.33	2.89		mg/Kg		87	65 - 114
Di-n-butyl phthalate	3.33	3.19		mg/Kg		96	69 - 125
Di-n-octyl phthalate	3.33	3.30		mg/Kg		99	61 - 131
Fluoranthene	3.33	3.09		mg/Kg		93	66 - 123
Fluorene	3.33	2.62		mg/Kg		79	62 - 113
Hexachlorobenzene	3.33	3.11		mg/Kg		93	52 - 126
Hexachlorobutadiene	3.33	2.32		mg/Kg		70	42 - 103
Hexachlorocyclopentadiene	3.33	1.80		mg/Kg		54	10 - 100
Hexachloroethane	3.33	2.23		mg/Kg		67	45 - 95
Indeno[1,2,3-cd]pyrene	3.33	3.51		mg/Kg		105	66 - 131
Isophorone	3.33	2.93		mg/Kg		88	47 - 108
Naphthalene	3.33	2.40		mg/Kg		72	54 - 98
Nitrobenzene	3.33	3.14		mg/Kg		94	52 - 105
N-Nitrosodi-n-propylamine	3.33	2.77		mg/Kg		83	48 - 110
N-Nitrosodiphenylamine	3.33	3.04		mg/Kg		91	67 - 112
Pentachlorophenol	6.67	4.81		mg/Kg		72	32 - 128
Phenanthrene	3.33	3.03		mg/Kg		91	65 - 115
Phenol	3.33	2.52		mg/Kg		76	52 - 110
Pyrene	3.33	3.07		mg/Kg		92	71 - 128

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823218/2-A

Matrix: Solid

Analysis Batch: 823426

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823218

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
2-Fluorophenol (Surr)	79		31 - 166
Phenol-d5 (Surr)	80		30 - 153
Nitrobenzene-d5 (Surr)	94		37 - 147
2-Fluorobiphenyl (Surr)	83		43 - 145
2,4,6-Tribromophenol (Surr)	91		31 - 143
Terphenyl-d14 (Surr)	95		42 - 157

Lab Sample ID: MB 500-823337/1-A

Matrix: Solid

Analysis Batch: 823620

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 823337

Analyte	MB	MB							
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.17		0.17	0.024	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
1,2-Dichlorobenzene	<0.17		0.17	0.014	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
1,3-Dichlorobenzene	<0.17		0.17	0.015	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
1,4-Dichlorobenzene	<0.17		0.17	0.016	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,2'-oxybis[1-chloropropane]	<0.17		0.17	0.024	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,4,5-Trichlorophenol	<0.33		0.33	0.013	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,4,6-Trichlorophenol	<0.33		0.33	0.011	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,4-Dichlorophenol	<0.33		0.33	0.012	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,4-Dimethylphenol	<0.33		0.33	0.074	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,4-Dinitrophenol	<0.67		0.67	0.19	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,4-Dinitrotoluene	<0.17		0.17	0.019	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,6-Dinitrotoluene	<0.17		0.17	0.023	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2-Chloronaphthalene	<0.17		0.17	0.012	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2-Chlorophenol	<0.17		0.17	0.011	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2-Methylnaphthalene	<0.067		0.067	0.0067	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2-Methylphenol	<0.17		0.17	0.018	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2-Nitroaniline	<0.17		0.17	0.018	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2-Nitrophenol	<0.33		0.33	0.023	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
3 & 4 Methylphenol	<0.17		0.17	0.024	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
3,3'-Dichlorobenzidine	<0.17		0.17	0.15	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
3-Nitroaniline	<0.33		0.33	0.015	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
4,6-Dinitro-2-methylphenol	<0.67		0.67	0.19	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
4-Bromophenyl phenyl ether	<0.17		0.17	0.023	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
4-Chloro-3-methylphenol	<0.33		0.33	0.028	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
4-Chloroaniline	<0.67		0.67	0.35	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
4-Chlorophenyl phenyl ether	<0.17		0.17	0.044	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
4-Nitroaniline	<0.33		0.33	0.025	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
4-Nitrophenol	<0.67		0.67	0.36	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Acenaphthene	<0.033		0.033	0.0068	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Acenaphthylene	<0.033		0.033	0.0056	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Anthracene	<0.033		0.033	0.0068	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Benzo[a]anthracene	<0.033		0.033	0.0070	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Benzo[a]pyrene	<0.033		0.033	0.032	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Benzo[b]fluoranthene	<0.033		0.033	0.032	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Benzo[g,h,i]perylene	<0.033		0.033	0.015	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Benzo[k]fluoranthene	<0.033		0.033	0.013	mg/Kg		06/25/25 14:04	06/27/25 11:53	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-823337/1-A

Matrix: Solid

Analysis Batch: 823620

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 823337

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	<0.17		0.17	0.012	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Bis(2-chloroethyl)ether	<0.17		0.17	0.015	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Bis(2-ethylhexyl) phthalate	<0.17		0.17	0.13	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Butyl benzyl phthalate	<0.17		0.17	0.017	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Carbazole	<0.17		0.17	0.013	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Chrysene	<0.033		0.033	0.0088	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Dibenz(a,h)anthracene	<0.033		0.033	0.033	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Dibenzofuran	<0.17		0.17	0.012	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Diethyl phthalate	0.0239	J	0.17	0.015	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Dimethyl phthalate	<0.17		0.17	0.0072	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Di-n-butyl phthalate	<0.17		0.17	0.011	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Di-n-octyl phthalate	<0.33		0.33	0.23	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Fluoranthene	<0.033		0.033	0.0077	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Fluorene	<0.033		0.033	0.0098	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Hexachlorobenzene	<0.067		0.067	0.0064	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Hexachlorobutadiene	<0.17		0.17	0.019	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Hexachlorocyclopentadiene	<0.67		0.67	0.35	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Hexachloroethane	<0.17		0.17	0.017	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Indeno[1,2,3-cd]pyrene	<0.033		0.033	0.032	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Isophorone	<0.17		0.17	0.017	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Naphthalene	<0.033		0.033	0.0060	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Nitrobenzene	<0.033		0.033	0.011	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
N-Nitrosodi-n-propylamine	<0.067		0.067	0.019	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
N-Nitrosodiphenylamine	<0.17		0.17	0.066	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Pentachlorophenol	<0.67		0.67	0.37	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Phenanthrene	<0.033		0.033	0.0072	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Phenol	<0.17		0.17	0.014	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Pyrene	<0.033		0.033	0.0091	mg/Kg		06/25/25 14:04	06/27/25 11:53	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	83		31 - 166	06/25/25 14:04	06/27/25 11:53	1
Phenol-d5 (Surr)	80		30 - 153	06/25/25 14:04	06/27/25 11:53	1
Nitrobenzene-d5 (Surr)	80		37 - 147	06/25/25 14:04	06/27/25 11:53	1
2-Fluorobiphenyl (Surr)	86		43 - 145	06/25/25 14:04	06/27/25 11:53	1
2,4,6-Tribromophenol (Surr)	76		31 - 143	06/25/25 14:04	06/27/25 11:53	1
Terphenyl-d14 (Surr)	100		42 - 157	06/25/25 14:04	06/27/25 11:53	1

Lab Sample ID: LCS 500-823337/2-A

Matrix: Solid

Analysis Batch: 823422

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823337

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	3.33	2.38		mg/Kg		71	49 - 100
1,2-Dichlorobenzene	3.33	2.36		mg/Kg		71	47 - 94
1,3-Dichlorobenzene	3.33	2.27		mg/Kg		68	47 - 92
1,4-Dichlorobenzene	3.33	2.30		mg/Kg		69	46 - 92
2,2'-oxybis[1-chloropropane]	3.33	2.42		mg/Kg		73	43 - 111
2,4,5-Trichlorophenol	3.33	2.76		mg/Kg		83	48 - 121

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823337/2-A

Matrix: Solid

Analysis Batch: 823422

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823337

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,6-Trichlorophenol	3.33	2.85		mg/Kg		85	50 - 121
2,4-Dichlorophenol	3.33	2.56		mg/Kg		77	51 - 109
2,4-Dimethylphenol	3.33	2.63		mg/Kg		79	48 - 93
2,4-Dinitrophenol	6.67	6.83		mg/Kg		103	10 - 130
2,4-Dinitrotoluene	3.33	3.13		mg/Kg		94	65 - 120
2,6-Dinitrotoluene	3.33	2.90		mg/Kg		87	66 - 117
2-Chloronaphthalene	3.33	2.72		mg/Kg		82	60 - 107
2-Chlorophenol	3.33	2.44		mg/Kg		73	50 - 102
2-Methylnaphthalene	3.33	2.89		mg/Kg		87	58 - 103
2-Methylphenol	3.33	2.52		mg/Kg		76	50 - 104
2-Nitroaniline	3.33	3.09		mg/Kg		93	61 - 126
2-Nitrophenol	3.33	2.62		mg/Kg		79	41 - 114
3 & 4 Methylphenol	3.33	2.50		mg/Kg		75	49 - 109
3,3'-Dichlorobenzidine	3.33	2.51		mg/Kg		75	36 - 131
3-Nitroaniline	3.33	2.83		mg/Kg		85	44 - 124
4,6-Dinitro-2-methylphenol	6.67	6.55		mg/Kg		98	36 - 138
4-Bromophenyl phenyl ether	3.33	2.86		mg/Kg		86	57 - 124
4-Chloro-3-methylphenol	3.33	2.77		mg/Kg		83	57 - 113
4-Chloroaniline	3.33	2.38		mg/Kg		71	22 - 110
4-Chlorophenyl phenyl ether	3.33	2.79		mg/Kg		84	60 - 112
4-Nitroaniline	3.33	3.00		mg/Kg		90	60 - 115
4-Nitrophenol	6.67	4.72		mg/Kg		71	45 - 126
Acenaphthene	3.33	2.73		mg/Kg		82	63 - 109
Acenaphthylene	3.33	2.87		mg/Kg		86	61 - 115
Anthracene	3.33	3.10		mg/Kg		93	68 - 120
Benzo[a]anthracene	3.33	2.79		mg/Kg		84	70 - 121
Benzo[a]pyrene	3.33	3.01		mg/Kg		90	73 - 132
Benzo[b]fluoranthene	3.33	3.14		mg/Kg		94	68 - 123
Benzo[g,h,i]perylene	3.33	2.87		mg/Kg		86	65 - 126
Benzo[k]fluoranthene	3.33	2.90		mg/Kg		87	64 - 128
Bis(2-chloroethoxy)methane	3.33	2.54		mg/Kg		76	54 - 102
Bis(2-chloroethyl)ether	3.33	2.45		mg/Kg		74	49 - 99
Bis(2-ethylhexyl) phthalate	3.33	2.97		mg/Kg		89	70 - 139
Butyl benzyl phthalate	3.33	2.96		mg/Kg		89	65 - 140
Carbazole	3.33	3.14		mg/Kg		94	68 - 120
Chrysene	3.33	2.90		mg/Kg		87	70 - 123
Dibenz(a,h)anthracene	3.33	3.08		mg/Kg		92	66 - 125
Dibenzofuran	3.33	2.89		mg/Kg		87	64 - 112
Diethyl phthalate	3.33	3.00		mg/Kg		90	66 - 115
Dimethyl phthalate	3.33	2.90		mg/Kg		87	65 - 114
Di-n-butyl phthalate	3.33	3.16		mg/Kg		95	69 - 125
Di-n-octyl phthalate	3.33	3.16		mg/Kg		95	61 - 131
Fluoranthene	3.33	2.97		mg/Kg		89	66 - 123
Fluorene	3.33	2.84		mg/Kg		85	62 - 113
Hexachlorobenzene	3.33	2.95		mg/Kg		88	52 - 126
Hexachlorobutadiene	3.33	2.31		mg/Kg		69	42 - 103
Hexachlorocyclopentadiene	3.33	2.81		mg/Kg		84	10 - 100
Hexachloroethane	3.33	2.33		mg/Kg		70	45 - 95
Indeno[1,2,3-cd]pyrene	3.33	3.03		mg/Kg		91	66 - 131

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823337/2-A

Matrix: Solid

Analysis Batch: 823422

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823337

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Isophorone	3.33	2.60		mg/Kg		78	47 - 108
Naphthalene	3.33	2.41		mg/Kg		72	54 - 98
Nitrobenzene	3.33	2.42		mg/Kg		72	52 - 105
N-Nitrosodi-n-propylamine	3.33	2.62		mg/Kg		79	48 - 110
N-Nitrosodiphenylamine	3.33	3.05		mg/Kg		92	67 - 112
Pentachlorophenol	6.67	4.94		mg/Kg		74	32 - 128
Phenanthrene	3.33	2.99		mg/Kg		90	65 - 115
Phenol	3.33	2.49		mg/Kg		75	52 - 110
Pyrene	3.33	2.90		mg/Kg		87	71 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorophenol (Surr)	76		31 - 166
Phenol-d5 (Surr)	75		30 - 153
Nitrobenzene-d5 (Surr)	76		37 - 147
2-Fluorobiphenyl (Surr)	84		43 - 145
2,4,6-Tribromophenol (Surr)	83		31 - 143
Terphenyl-d14 (Surr)	91		42 - 157

Method: 6010D - Metals (ICP)

Lab Sample ID: LCS 500-822485/2-A

Matrix: Solid

Analysis Batch: 822772

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822485

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.100	0.0995		mg/L		99	80 - 120
Manganese	0.500	0.475		mg/L		95	80 - 120
Nickel	0.500	0.485		mg/L		97	80 - 120

Lab Sample ID: LCS 500-822509/2-A

Matrix: Solid

Analysis Batch: 822771

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822509

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.108		mg/L		108	80 - 120
Barium	0.500	0.499		mg/L		100	80 - 120
Beryllium	0.0500	0.0508		mg/L		102	80 - 120
Boron	1.00	0.959		mg/L		96	80 - 120
Cadmium	0.0500	0.0489		mg/L		98	80 - 120
Chromium	0.200	0.191		mg/L		95	80 - 120
Cobalt	0.500	0.520		mg/L		104	80 - 120
Copper	0.250	0.239		mg/L		96	80 - 120
Iron	1.00	1.05		mg/L		105	80 - 120
Lead	0.100	0.104		mg/L		104	80 - 120
Manganese	0.500	0.476		mg/L		95	80 - 120
Nickel	0.500	0.521		mg/L		104	80 - 120
Selenium	0.100	0.0986		mg/L		99	80 - 120
Silver	0.0500	0.0501		mg/L		100	80 - 120
Vanadium	0.500	0.481		mg/L		96	80 - 120

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-822509/2-A

Matrix: Solid

Analysis Batch: 822771

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822509

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	0.500	0.511		mg/L		102	80 - 120

Lab Sample ID: LCS 500-822645/2-A

Matrix: Solid

Analysis Batch: 823048

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822645

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.100	0.0982		mg/L		98	80 - 120

Lab Sample ID: LCS 500-822645/2-A

Matrix: Solid

Analysis Batch: 823997

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822645

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	0.500	0.465		mg/L		93	80 - 120
Nickel	0.500	0.518		mg/L		104	80 - 120

Lab Sample ID: LCS 500-822646/2-A

Matrix: Solid

Analysis Batch: 823443

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822646

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.110		mg/L		110	80 - 120
Barium	0.500	0.507		mg/L		101	80 - 120
Beryllium	0.0500	0.0481		mg/L		96	80 - 120
Cadmium	0.0500	0.0529		mg/L		106	80 - 120
Chromium	0.200	0.207		mg/L		103	80 - 120
Cobalt	0.500	0.530		mg/L		106	80 - 120
Copper	0.250	0.269		mg/L		108	80 - 120
Iron	1.00	0.980		mg/L		98	80 - 120
Lead	0.100	0.107		mg/L		107	80 - 120
Manganese	0.500	0.479		mg/L		96	80 - 120
Nickel	0.500	0.523		mg/L		105	80 - 120
Selenium	0.100	0.114		mg/L		114	80 - 120
Silver	0.0500	0.0573		mg/L		115	80 - 120
Vanadium	0.500	0.519		mg/L		104	80 - 120

Lab Sample ID: LCS 500-822646/2-A

Matrix: Solid

Analysis Batch: 823557

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822646

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.904		mg/L		90	80 - 120
Zinc	0.500	0.614	*+	mg/L		123	80 - 120

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-822696/1-A

Matrix: Solid

Analysis Batch: 823443

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 822696

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.0		2.0	0.39	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Arsenic	<1.0		1.0	0.34	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Barium	<1.0		1.0	0.11	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Beryllium	<0.40		0.40	0.093	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Boron	0.478	J	5.0	0.47	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Cadmium	<0.20		0.20	0.036	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Chromium	<1.0		1.0	0.50	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Copper	<1.0		1.0	0.28	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Iron	<20		20	10	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Magnesium	<10		10	5.0	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Nickel	<1.0		1.0	0.29	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Selenium	<1.0		1.0	0.59	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Silver	<0.50		0.50	0.13	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Thallium	<1.0		1.0	0.50	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Vanadium	<0.50		0.50	0.12	mg/Kg		06/20/25 16:12	06/26/25 02:20	1

Lab Sample ID: MB 500-822696/1-A

Matrix: Solid

Analysis Batch: 823757

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 822696

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	<0.50		0.50	0.13	mg/Kg		06/20/25 16:12	06/27/25 12:59	1
Lead	<0.50		0.50	0.23	mg/Kg		06/20/25 16:12	06/27/25 12:59	1
Manganese	<1.0		1.0	0.15	mg/Kg		06/20/25 16:12	06/27/25 12:59	1
Zinc	0.977	J	2.0	0.88	mg/Kg		06/20/25 16:12	06/27/25 12:59	1

Lab Sample ID: LCS 500-822696/2-A

Matrix: Solid

Analysis Batch: 823443

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822696

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	50.0	46.7		mg/Kg		93	80 - 120
Arsenic	10.0	9.43		mg/Kg		94	80 - 120
Barium	200	201		mg/Kg		100	80 - 120
Beryllium	5.00	4.48		mg/Kg		90	80 - 120
Boron	100	97.9		mg/Kg		98	80 - 120
Cadmium	5.00	5.02		mg/Kg		100	80 - 120
Chromium	20.0	20.6		mg/Kg		103	80 - 120
Copper	25.0	23.9		mg/Kg		96	80 - 120
Iron	100	111		mg/Kg		111	80 - 120
Magnesium	1000	1030		mg/Kg		103	80 - 120
Nickel	50.0	52.7		mg/Kg		105	80 - 120
Selenium	10.0	8.45		mg/Kg		85	80 - 120
Silver	5.00	4.68		mg/Kg		94	80 - 120
Thallium	10.0	10.6		mg/Kg		106	80 - 120
Vanadium	50.0	51.1		mg/Kg		102	80 - 120

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-822696/2-A

Matrix: Solid

Analysis Batch: 823757

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822696

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cobalt	50.0	48.5		mg/Kg		97	80 - 120
Lead	10.0	9.97		mg/Kg		100	80 - 120
Manganese	50.0	48.5		mg/Kg		97	80 - 120
Zinc	50.0	48.5		mg/Kg		97	80 - 120

Lab Sample ID: MB 500-822697/1-A

Matrix: Solid

Analysis Batch: 823785

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 822697

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.0		2.0	0.39	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Arsenic	<1.0		1.0	0.34	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Barium	<1.0		1.0	0.11	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Beryllium	<0.40		0.40	0.093	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Boron	<5.0		5.0	0.47	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Cadmium	<0.20		0.20	0.036	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Chromium	<1.0		1.0	0.50	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Cobalt	<0.50		0.50	0.13	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Copper	<1.0		1.0	0.28	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Iron	<20		20	10	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Lead	<0.50		0.50	0.23	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Magnesium	<10		10	5.0	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Manganese	<1.0		1.0	0.15	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Nickel	<1.0		1.0	0.29	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Thallium	<1.0		1.0	0.50	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Vanadium	<0.50		0.50	0.12	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Zinc	0.953	J	2.0	0.88	mg/Kg		06/20/25 16:13	06/27/25 21:43	1

Lab Sample ID: MB 500-822697/1-A

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 822697

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	<1.0		1.0	0.59	mg/Kg		06/20/25 16:13	06/30/25 11:43	1
Silver	<0.50		0.50	0.13	mg/Kg		06/20/25 16:13	06/30/25 11:43	1

Lab Sample ID: LCS 500-822697/2-A

Matrix: Solid

Analysis Batch: 823785

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	50.0	48.2		mg/Kg		96	80 - 120
Arsenic	10.0	9.97		mg/Kg		100	80 - 120
Barium	200	205		mg/Kg		102	80 - 120
Beryllium	5.00	5.14		mg/Kg		103	80 - 120
Boron	100	103		mg/Kg		103	80 - 120
Cadmium	5.00	4.95		mg/Kg		99	80 - 120
Chromium	20.0	20.6		mg/Kg		103	80 - 120
Cobalt	50.0	50.2		mg/Kg		100	80 - 120

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-822697/2-A

Matrix: Solid

Analysis Batch: 823785

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Copper	25.0	26.1		mg/Kg		104	80 - 120
Iron	100	102		mg/Kg		102	80 - 120
Lead	10.0	9.96		mg/Kg		100	80 - 120
Magnesium	1000	1010		mg/Kg		101	80 - 120
Manganese	50.0	48.8		mg/Kg		98	80 - 120
Nickel	50.0	51.4		mg/Kg		103	80 - 120
Thallium	10.0	10.4		mg/Kg		104	80 - 120
Vanadium	50.0	50.1		mg/Kg		100	80 - 120
Zinc	50.0	54.2		mg/Kg		108	80 - 120

Lab Sample ID: LCS 500-822697/2-A

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	10.0	9.37		mg/Kg		94	80 - 120
Silver	5.00	4.49		mg/Kg		90	80 - 120

Lab Sample ID: 500-270096-16 MS

Matrix: Solid

Analysis Batch: 823785

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<1.2	F1	29.1	6.76	F1	mg/Kg	✱	23	75 - 125
Arsenic	7.2	F1 F2	5.81	11.0	F1	mg/Kg	✱	66	75 - 125
Barium	49	F2	116	138		mg/Kg	✱	77	75 - 125
Beryllium	0.79		2.91	3.23		mg/Kg	✱	84	75 - 125
Boron	21		58.1	72.3		mg/Kg	✱	88	75 - 125
Cadmium	0.13		2.91	2.44		mg/Kg	✱	80	75 - 125
Chromium	23		11.6	33.5		mg/Kg	✱	95	75 - 125
Cobalt	12	F1 F2	29.1	37.6		mg/Kg	✱	90	75 - 125
Copper	21		14.5	31.8		mg/Kg	✱	76	75 - 125
Iron	20000		58.1	19300	4	mg/Kg	✱	-2000	75 - 125
Magnesium	26000		581	24600	4	mg/Kg	✱	-249	75 - 125
Manganese	290	F2	29.1	286	4	mg/Kg	✱	-32	75 - 125
Nickel	32	F1 F2	29.1	57.0		mg/Kg	✱	85	75 - 125
Thallium	0.46	J	5.81	5.78		mg/Kg	✱	91	75 - 125
Vanadium	29		29.1	56.5		mg/Kg	✱	95	75 - 125
Zinc	70	B	29.1	94.5		mg/Kg	✱	83	75 - 125

Lab Sample ID: 500-270096-16 MS

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	<0.59		5.81	4.37		mg/Kg	✱	75	75 - 125
Silver	<0.29	L F1	2.91	1.36	F1	mg/Kg	✱	47	75 - 125

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: 500-270096-16 MS

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	14		5.81	19.1		mg/Kg	✱	82	75 - 125

Lab Sample ID: 500-270096-16 MSD

Matrix: Solid

Analysis Batch: 823785

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<1.2	F1	29.5	6.64	F1	mg/Kg	✱	22	75 - 125	2	20
Arsenic	7.2	F1 F2	5.90	15.2	F1 F2	mg/Kg	✱	135	75 - 125	32	20
Barium	49	F2	118	173	F2	mg/Kg	✱	105	75 - 125	22	20
Beryllium	0.79		2.95	3.31		mg/Kg	✱	85	75 - 125	2	20
Boron	21		59.0	71.4		mg/Kg	✱	85	75 - 125	1	20
Cadmium	0.13		2.95	2.51		mg/Kg	✱	81	75 - 125	2	20
Chromium	23		11.8	34.0		mg/Kg	✱	97	75 - 125	1	20
Cobalt	12	F1 F2	29.5	52.4	F1 F2	mg/Kg	✱	138	75 - 125	33	20
Copper	21		14.8	34.8		mg/Kg	✱	96	75 - 125	9	20
Iron	20000		59.0	23500	4	mg/Kg	✱	5146	75 - 125	20	20
Magnesium	26000		590	24900	4	mg/Kg	✱	-196	75 - 125	1	20
Manganese	290	F2	29.5	553	4 F2	mg/Kg	✱	875	75 - 125	64	20
Nickel	32	F1 F2	29.5	80.7	F1 F2	mg/Kg	✱	164	75 - 125	35	20
Thallium	0.46	J	5.90	6.20		mg/Kg	✱	97	75 - 125	7	20
Vanadium	29		29.5	58.9		mg/Kg	✱	101	75 - 125	4	20
Zinc	70	B	29.5	104		mg/Kg	✱	113	75 - 125	9	20

Lab Sample ID: 500-270096-16 MSD

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Selenium	<0.59		5.90	4.56		mg/Kg	✱	77	75 - 125	4	20
Silver	<0.29	L F1	2.95	1.13	F1	mg/Kg	✱	38	75 - 125	18	20

Lab Sample ID: 500-270096-16 MSD

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	14		5.90	21.4		mg/Kg	✱	120	75 - 125	11	20

Lab Sample ID: 500-270096-16 DU

Matrix: Solid

Analysis Batch: 823785

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<1.2	F1	<1.1		mg/Kg	✱	NC	20
Arsenic	7.2	F1 F2	7.21		mg/Kg	✱	0.3	20
Barium	49	F2	47.4		mg/Kg	✱	2	20
Beryllium	0.79		0.756		mg/Kg	✱	5	20
Boron	21		18.6		mg/Kg	✱	12	20

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: 500-270096-16 DU

Matrix: Solid

Analysis Batch: 823785

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Cadmium	0.13		0.122		mg/Kg	✱	5	20
Chromium	23		21.7		mg/Kg	✱	4	20
Cobalt	12	F1 F2	17.4	F3	mg/Kg	✱	40	20
Copper	21		21.5		mg/Kg	✱	4	20
Iron	20000		19900		mg/Kg	✱	3	20
Magnesium	26000		22100		mg/Kg	✱	16	20
Manganese	290	F2	366	F3	mg/Kg	✱	22	20
Nickel	32	F1 F2	36.9		mg/Kg	✱	13	20
Thallium	0.46	J	0.550	J	mg/Kg	✱	18	20
Vanadium	29		27.3		mg/Kg	✱	6	20
Zinc	70	B	68.8		mg/Kg	✱	2	20

Lab Sample ID: 500-270096-16 DU

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Selenium	<0.59		<0.56		mg/Kg	✱	NC	20
Silver	<0.29	L F1	<0.28	L	mg/Kg	✱	NC	20

Lab Sample ID: 500-270096-16 DU

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Lead	14		14.7		mg/Kg	✱	2	20

Lab Sample ID: MB 500-822848/1-A

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 822848

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	<1.0		1.0	0.59	mg/Kg		06/23/25 08:59	06/30/25 19:27	1
Silver	0.155	J	0.50	0.13	mg/Kg		06/23/25 08:59	06/30/25 19:27	1

Lab Sample ID: LCS 500-822848/2-A

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822848

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	10.0	9.31		mg/Kg		93	80 - 120
Silver	5.00	4.23		mg/Kg		85	80 - 120

Lab Sample ID: LB 500-822250/1-B

Matrix: Solid

Analysis Batch: 822771

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 822509

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00721	J	0.010	0.0037	mg/L		06/19/25 15:35	06/20/25 16:15	1
Barium	0.00284	J	0.010	0.0012	mg/L		06/19/25 15:35	06/20/25 16:15	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LB 500-822250/1-B

Matrix: Solid

Analysis Batch: 822771

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 822509

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.0040		0.0040	0.00089	mg/L		06/19/25 15:35	06/20/25 16:15	1
Boron	<0.50		0.50	0.0056	mg/L		06/19/25 15:35	06/20/25 16:15	1
Cadmium	<0.0050		0.0050	0.00043	mg/L		06/19/25 15:35	06/20/25 16:15	1
Chromium	0.00235	J	0.010	0.0017	mg/L		06/19/25 15:35	06/20/25 16:15	1
Cobalt	<0.0050		0.0050	0.00078	mg/L		06/19/25 15:35	06/20/25 16:15	1
Copper	<0.010		0.010	0.0018	mg/L		06/19/25 15:35	06/20/25 16:15	1
Iron	0.0957	J	0.40	0.082	mg/L		06/19/25 15:35	06/20/25 16:15	1
Lead	<0.0075		0.0075	0.0027	mg/L		06/19/25 15:35	06/20/25 16:15	1
Manganese	<0.010		0.010	0.0023	mg/L		06/19/25 15:35	06/20/25 16:15	1
Nickel	<0.010		0.010	0.0048	mg/L		06/19/25 15:35	06/20/25 16:15	1
Selenium	0.00570	J	0.050	0.0053	mg/L		06/19/25 15:35	06/20/25 16:15	1
Silver	<0.0050		0.0050	0.0015	mg/L		06/19/25 15:35	06/20/25 16:15	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		06/19/25 15:35	06/20/25 16:15	1
Zinc	<0.50		0.50	0.0050	mg/L		06/19/25 15:35	06/20/25 16:15	1

Lab Sample ID: LB 500-822394/1-B

Matrix: Solid

Analysis Batch: 823443

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 822646

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.010	0.0037	mg/L		06/20/25 13:17	06/26/25 00:09	1
Barium	0.00300	J	0.010	0.0012	mg/L		06/20/25 13:17	06/26/25 00:09	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		06/20/25 13:17	06/26/25 00:09	1
Cadmium	<0.0050		0.0050	0.00043	mg/L		06/20/25 13:17	06/26/25 00:09	1
Chromium	0.00189	J	0.010	0.0017	mg/L		06/20/25 13:17	06/26/25 00:09	1
Cobalt	<0.0050		0.0050	0.00078	mg/L		06/20/25 13:17	06/26/25 00:09	1
Copper	<0.010		0.010	0.0018	mg/L		06/20/25 13:17	06/26/25 00:09	1
Iron	<0.40		0.40	0.082	mg/L		06/20/25 13:17	06/26/25 00:09	1
Lead	<0.0075		0.0075	0.0027	mg/L		06/20/25 13:17	06/26/25 00:09	1
Manganese	<0.010		0.010	0.0023	mg/L		06/20/25 13:17	06/26/25 00:09	1
Nickel	<0.010		0.010	0.0048	mg/L		06/20/25 13:17	06/26/25 00:09	1
Selenium	0.00623	J	0.050	0.0053	mg/L		06/20/25 13:17	06/26/25 00:09	1
Silver	<0.0050		0.0050	0.0015	mg/L		06/20/25 13:17	06/26/25 00:09	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		06/20/25 13:17	06/26/25 00:09	1

Lab Sample ID: LB 500-822394/1-B

Matrix: Solid

Analysis Batch: 823557

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 822646

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.50		0.50	0.0056	mg/L		06/20/25 13:17	06/26/25 14:24	1
Zinc	<0.50		0.50	0.0050	mg/L		06/20/25 13:17	06/26/25 14:24	1

Lab Sample ID: LB 500-822251/1-B

Matrix: Solid

Analysis Batch: 822772

Client Sample ID: Method Blank

Prep Type: SPLP East

Prep Batch: 822485

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.0075		0.0075	0.0027	mg/L		06/19/25 13:59	06/20/25 15:29	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LB 500-822251/1-B

Matrix: Solid

Analysis Batch: 822772

Client Sample ID: Method Blank

Prep Type: SPLP East

Prep Batch: 822485

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	<0.010		0.010	0.0023	mg/L		06/19/25 13:59	06/20/25 15:29	1
Nickel	<0.010		0.010	0.0048	mg/L		06/19/25 13:59	06/20/25 15:29	1

Lab Sample ID: LB 500-822412/1-B

Matrix: Solid

Analysis Batch: 823048

Client Sample ID: Method Blank

Prep Type: SPLP East

Prep Batch: 822645

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.0075		0.0075	0.0027	mg/L		06/20/25 13:15	06/24/25 00:58	1

Lab Sample ID: LB 500-822412/1-B

Matrix: Solid

Analysis Batch: 823997

Client Sample ID: Method Blank

Prep Type: SPLP East

Prep Batch: 822645

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	<0.010		0.010	0.0023	mg/L		06/20/25 13:15	07/01/25 02:52	1
Nickel	<0.010		0.010	0.0048	mg/L		06/20/25 13:15	07/01/25 02:52	1

Lab Sample ID: 500-270096-15 MS

Matrix: Solid

Analysis Batch: 823048

Client Sample ID: 3641V-08-B01 (0-2)

Prep Type: SPLP East

Prep Batch: 822645

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.070		0.100	0.175		mg/L		105	75 - 125

Lab Sample ID: 500-270096-15 MS

Matrix: Solid

Analysis Batch: 823997

Client Sample ID: 3641V-08-B01 (0-2)

Prep Type: SPLP East

Prep Batch: 822645

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	0.53		0.500	1.01		mg/L		96	75 - 125
Nickel	0.23		0.500	0.763		mg/L		107	75 - 125

Lab Sample ID: 500-270096-15 DU

Matrix: Solid

Analysis Batch: 823048

Client Sample ID: 3641V-08-B01 (0-2)

Prep Type: SPLP East

Prep Batch: 822645

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Lead	0.070		0.0762		mg/L		9	20

Lab Sample ID: 500-270096-15 DU

Matrix: Solid

Analysis Batch: 823997

Client Sample ID: 3641V-08-B01 (0-2)

Prep Type: SPLP East

Prep Batch: 822645

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Manganese	0.53		0.618		mg/L		16	20
Nickel	0.23		0.255		mg/L		11	20

Eurofins Chicago

QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: LCS 500-822509/2-A

Matrix: Solid

Analysis Batch: 823349

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822509

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.566		mg/L		113	80 - 120
Thallium	0.100	0.107		mg/L		107	80 - 120

Lab Sample ID: LCS 500-822646/2-A

Matrix: Solid

Analysis Batch: 823349

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822646

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.577		mg/L		115	80 - 120
Thallium	0.100	0.108		mg/L		108	80 - 120

Lab Sample ID: LB 500-822250/1-B

Matrix: Solid

Analysis Batch: 823349

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 822509

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0060	mg/L		06/19/25 15:35	06/25/25 12:12	1
Thallium	<0.0020		0.0020	0.0020	mg/L		06/19/25 15:35	06/25/25 12:12	1

Lab Sample ID: LB 500-822394/1-B

Matrix: Solid

Analysis Batch: 823349

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 822646

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0060	mg/L		06/20/25 13:17	06/25/25 13:50	1
Thallium	<0.0020		0.0020	0.0020	mg/L		06/20/25 13:17	06/25/25 13:50	1

Method: 7470A - Mercury

Lab Sample ID: MB 500-822891/12-A

Matrix: Solid

Analysis Batch: 823110

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 822891

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/23/25 11:05	06/24/25 10:29	1

Lab Sample ID: LCS 500-822891/14-A

Matrix: Solid

Analysis Batch: 823110

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822891

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00227		mg/L		114	80 - 120

Lab Sample ID: MB 500-823094/12-A

Matrix: Solid

Analysis Batch: 823301

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 823094

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/24/25 11:05	06/25/25 11:25	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Method: 7470A - Mercury (Continued)

Lab Sample ID: LCS 500-823094/14-A
Matrix: Solid
Analysis Batch: 823301

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 823094

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00201		mg/L		101	80 - 120

Lab Sample ID: MB 500-823485/12-A
Matrix: Solid
Analysis Batch: 823684

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 823485

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/26/25 11:10	06/27/25 09:19	1

Lab Sample ID: LCS 500-823485/14-A
Matrix: Solid
Analysis Batch: 823684

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 823485

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00182		mg/L		91	80 - 120

Lab Sample ID: LB 500-822250/1-C
Matrix: Solid
Analysis Batch: 823110

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 822891

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000296		0.00020	0.00020	mg/L		06/23/25 11:05	06/24/25 10:31	1

Lab Sample ID: LB 500-822394/1-C
Matrix: Solid
Analysis Batch: 823301

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 823094

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000214		0.00020	0.00020	mg/L		06/24/25 11:05	06/25/25 12:08	1

Lab Sample ID: LB 500-822250/1-D
Matrix: Solid
Analysis Batch: 823684

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 823485

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000227		0.00020	0.00020	mg/L		06/26/25 11:10	06/27/25 09:50	1

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 500-823672/12-A
Matrix: Solid
Analysis Batch: 823885

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 823672

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.017		0.017	0.0069	mg/Kg		06/27/25 14:00	06/30/25 08:21	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823672/13-A

Matrix: Solid

Analysis Batch: 823885

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823672

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.167	0.153		mg/Kg		92	80 - 120

Lab Sample ID: 500-270096-9 MS

Matrix: Solid

Analysis Batch: 823885

Client Sample ID: 3641V-05-B02 (5-10)

Prep Type: Total/NA

Prep Batch: 823672

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.021		0.0872	0.120		mg/Kg	✱	114	75 - 125

Lab Sample ID: 500-270096-9 MSD

Matrix: Solid

Analysis Batch: 823885

Client Sample ID: 3641V-05-B02 (5-10)

Prep Type: Total/NA

Prep Batch: 823672

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.021		0.0887	0.118		mg/Kg	✱	110	75 - 125	2	20

Lab Sample ID: 500-270096-9 DU

Matrix: Solid

Analysis Batch: 823885

Client Sample ID: 3641V-05-B02 (5-10)

Prep Type: Total/NA

Prep Batch: 823672

Analyte	Sample Result	Sample Qualifier	Spike Added	DU Result	DU Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.021			0.0155	J F5	mg/Kg	✱			28	20

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

Lab Sample ID: MB 500-822449/1-A

Matrix: Solid

Analysis Batch: 822763

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 822449

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.24		0.24	0.12	mg/Kg		06/19/25 13:17	06/19/25 16:39	1

Lab Sample ID: LCS 500-822449/2-A

Matrix: Solid

Analysis Batch: 822763

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822449

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	2.40	2.30		mg/Kg		96	85 - 115

Lab Sample ID: 500-270096-1 MS

Matrix: Solid

Analysis Batch: 822763

Client Sample ID: 3641V-01-B02 (0-7)

Prep Type: Total/NA

Prep Batch: 822449

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	<0.25		2.50	2.45		mg/Kg	✱	98	75 - 125

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: 500-270096-1 MSD

Matrix: Solid

Analysis Batch: 822763

Client Sample ID: 3641V-01-B02 (0-7)

Prep Type: Total/NA

Prep Batch: 822449

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	<0.25		2.57	2.52		mg/Kg	✱	98	75 - 125	3	20

Lab Sample ID: 500-270096-15 MS

Matrix: Solid

Analysis Batch: 822763

Client Sample ID: 3641V-08-B01 (0-2)

Prep Type: Total/NA

Prep Batch: 822449

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	<0.26	F1 F2	2.68	1.28	F1	mg/Kg	✱	48	75 - 125		

Lab Sample ID: 500-270096-15 MSD

Matrix: Solid

Analysis Batch: 822763

Client Sample ID: 3641V-08-B01 (0-2)

Prep Type: Total/NA

Prep Batch: 822449

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	<0.26	F1 F2	2.59	0.337	F1 F2	mg/Kg	✱	13	75 - 125	117	20

Method: 9045D - pH

Lab Sample ID: 500-270096-14 DU

Matrix: Solid

Analysis Batch: 822679

Client Sample ID: 3641V-10-B01 (0-2)

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	8.3		8.0		SU		3	5

Lab Sample ID: 500-270096-14 DU

Matrix: Solid

Analysis Batch: 822833

Client Sample ID: 3641V-10-B01 (0-2)

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	8.3		8.0		SU		3	5

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-01-B02 (0-7)

Lab Sample ID: 500-270096-1

Date Collected: 06/16/25 10:45

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:22
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		5	823048	S1Z	EET CHI	06/23/25 23:29
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:10
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 12:45
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 10:53
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:25
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-01-B02 (0-7)

Lab Sample ID: 500-270096-1

Date Collected: 06/16/25 10:45

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 14:36
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 19:10
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/27/25 22:36
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 17:31
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 17:35
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:24
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:41

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Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-01-B02 (7-13)

Lab Sample ID: 500-270096-2

Date Collected: 06/16/25 10:50

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:26
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		5	823048	S1Z	EET CHI	06/23/25 23:33
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:23
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 12:49
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 10:55
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:27
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-01-B02 (7-13)

Lab Sample ID: 500-270096-2

Date Collected: 06/16/25 10:50

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 15:02
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 12:36
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/28/25 01:36
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 21:15
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 21:20
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:26
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:43

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-01-B01 (0-3)

Lab Sample ID: 500-270096-3

Date Collected: 06/16/25 11:05

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:31
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:28
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 12:53
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 10:57
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:30
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-01-B01 (0-3)

Lab Sample ID: 500-270096-3

Date Collected: 06/16/25 11:05

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 86.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823845	PMF	EET CHI	06/30/25 12:15
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 17:32
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/28/25 01:40
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 21:24
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 21:28
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:28
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:44

Client Sample ID: 3641V-05-B01 (0-5)

Lab Sample ID: 500-270096-4

Date Collected: 06/16/25 11:10

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:35

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B01 (0-5)

Lab Sample ID: 500-270096-4

Date Collected: 06/16/25 11:10

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		5	823048	S1Z	EET CHI	06/23/25 23:38
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:32
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 12:57
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 10:59
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:34
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B01 (0-5)

Lab Sample ID: 500-270096-4

Date Collected: 06/16/25 11:10

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 15:52
Total/NA	Prep	3546			823337	LH	EET CHI	06/25/25 14:04
Total/NA	Analysis	8270E		1	823422	GLR	EET CHI	06/26/25 12:50
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/28/25 01:45
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 21:33
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 21:37
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:30
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:45

Client Sample ID: 3641V-05-B01 (5-10)

Lab Sample ID: 500-270096-5

Date Collected: 06/16/25 11:15

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:39

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B01 (5-10)

Lab Sample ID: 500-270096-5

Date Collected: 06/16/25 11:15

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		5	823048	S1Z	EET CHI	06/23/25 23:42
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:37
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:01
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:01
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:37
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B01 (5-10)

Lab Sample ID: 500-270096-5

Date Collected: 06/16/25 11:15

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 16:17
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 13:01
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/28/25 01:49
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 21:42
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 21:46
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:31
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:46

Client Sample ID: 3641V-05-B01 (10-15)

Lab Sample ID: 500-270096-6

Date Collected: 06/16/25 11:20

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:44

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B01 (10-15)

Lab Sample ID: 500-270096-6

Date Collected: 06/16/25 11:20

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:42
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:05
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:03
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:39
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B01 (10-15)

Lab Sample ID: 500-270096-6

Date Collected: 06/16/25 11:20

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 16:43
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 19:59
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/28/25 01:54
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 21:59
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		10	823996	S1Z	EET CHI	06/30/25 22:03
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:33
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:46

Client Sample ID: 3641V-05-B02 (0-5)

Lab Sample ID: 500-270096-7

Date Collected: 06/16/25 11:35

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:48
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		5	823048	S1Z	EET CHI	06/23/25 23:47

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B02 (0-5)

Lab Sample ID: 500-270096-7

Date Collected: 06/16/25 11:35

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:46
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:09
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:04
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:42
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B02 (0-5)

Lab Sample ID: 500-270096-7

Date Collected: 06/16/25 11:35

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 17:08
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 13:25
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/28/25 01:58
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 22:08
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		5	824132	SJ	EET CHI	07/01/25 12:21
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:35
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:49

Client Sample ID: 3641V-05-B02 (0-5)D

Lab Sample ID: 500-270096-8

Date Collected: 06/16/25 11:40

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:52
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:51

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B02 (0-5)D

Lab Sample ID: 500-270096-8

Date Collected: 06/16/25 11:40

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:14
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:06
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:47
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B02 (0-5)D

Lab Sample ID: 500-270096-8

Date Collected: 06/16/25 11:40

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 17:33
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 14:14
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/28/25 02:03
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 22:12
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		5	824132	SJ	EET CHI	07/01/25 12:25
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:43
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:50

Client Sample ID: 3641V-05-B02 (5-10)

Lab Sample ID: 500-270096-9

Date Collected: 06/16/25 11:45

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:56
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:55
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:26

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B02 (5-10)

Lab Sample ID: 500-270096-9

Date Collected: 06/16/25 11:45

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:08
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:44
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B02 (5-10)

Lab Sample ID: 500-270096-9

Date Collected: 06/16/25 11:45

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823604	MM	EET CHI	06/27/25 14:27
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 17:56
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823757	S1Z	EET CHI	06/27/25 14:35
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823757	S1Z	EET CHI	06/27/25 15:54
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823767	S1Z	EET CHI	06/27/25 15:54
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823443	S1Z	EET CHI	06/26/25 04:02
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:45
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:51

Client Sample ID: 3641V-05-B03 (0-5)

Lab Sample ID: 500-270096-10

Date Collected: 06/16/25 11:55

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 17:01
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 18:00
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:30
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:10

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B03 (0-5)

Lab Sample ID: 500-270096-10

Date Collected: 06/16/25 11:55

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:49
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B03 (0-5)

Lab Sample ID: 500-270096-10

Date Collected: 06/16/25 11:55

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 83.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 12:03
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 18:21
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823757	S1Z	EET CHI	06/27/25 14:48
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823757	S1Z	EET CHI	06/27/25 15:58
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823767	S1Z	EET CHI	06/27/25 15:58
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823443	S1Z	EET CHI	06/26/25 04:06
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:52
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:51

Client Sample ID: 3641V-05-B03 (5-10)

Lab Sample ID: 500-270096-11

Date Collected: 06/16/25 12:00

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 17:14
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 18:05
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:34
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:16
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:52
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B03 (5-10)

Lab Sample ID: 500-270096-11

Date Collected: 06/16/25 12:00

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 12:28
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 18:46
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823757	S1Z	EET CHI	06/27/25 14:52
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823757	S1Z	EET CHI	06/27/25 16:02
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823767	S1Z	EET CHI	06/27/25 16:02
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823443	S1Z	EET CHI	06/26/25 04:10
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:54
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:53

Client Sample ID: 3641V-05-B04 (0-2)

Lab Sample ID: 500-270096-12

Date Collected: 06/16/25 12:05

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 17:18
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 18:18
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:38
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			823485	MJG	EET CHI	06/26/25 11:10 - 06/26/25 13:10 ¹
TCLP	Analysis	7470A		1	823684	MJG	EET CHI	06/27/25 09:55
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:54
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B04 (0-2)

Lab Sample ID: 500-270096-12

Date Collected: 06/16/25 12:05

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 12:54

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B04 (0-2)

Lab Sample ID: 500-270096-12

Date Collected: 06/16/25 12:05

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 15:53
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823757	S1Z	EET CHI	06/27/25 14:57
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823767	S1Z	EET CHI	06/27/25 16:07
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823443	S1Z	EET CHI	06/26/25 04:15
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:56
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:53

Client Sample ID: 3641V-09-B01 (0-2)

Lab Sample ID: 500-270096-13

Date Collected: 06/16/25 12:10

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 17:23
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 18:23
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:42
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:20
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:57
Total/NA	Analysis	Moisture		1	822310	RB	EET CHI	06/18/25 15:36

Client Sample ID: 3641V-09-B01 (0-2)

Lab Sample ID: 500-270096-13

Date Collected: 06/16/25 12:10

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 13:19
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 16:18
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823757	S1Z	EET CHI	06/27/25 15:01

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-09-B01 (0-2)

Lab Sample ID: 500-270096-13

Date Collected: 06/16/25 12:10

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823767	S1Z	EET CHI	06/27/25 16:11
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823443	S1Z	EET CHI	06/26/25 04:19
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:57
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:53

Client Sample ID: 3641V-10-B01 (0-2)

Lab Sample ID: 500-270096-14

Date Collected: 06/16/25 12:15

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 17:27
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 18:27
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:46
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:21
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 14:01
Total/NA	Analysis	Moisture		1	822310	RB	EET CHI	06/18/25 15:36

Client Sample ID: 3641V-10-B01 (0-2)

Lab Sample ID: 500-270096-14

Date Collected: 06/16/25 12:15

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 13:45
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 14:39
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823757	S1Z	EET CHI	06/27/25 15:06
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	824227	S1Z	EET CHI	07/01/25 18:19
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823443	S1Z	EET CHI	06/26/25 04:33

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-10-B01 (0-2)

Lab Sample ID: 500-270096-14

Date Collected: 06/16/25 12:15

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:59
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:55

Client Sample ID: 3641V-08-B01 (0-2)

Lab Sample ID: 500-270096-15

Date Collected: 06/16/25 12:20

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822412	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
SPLP East	Prep	3010A			822645	MS	EET CHI	06/20/25 13:15 - 06/20/25 19:15 ¹
SPLP East	Analysis	6010D		1	823997	SJ	EET CHI	07/01/25 03:00
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823443	S1Z	EET CHI	06/25/25 16:19
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823557	S1Z	EET CHI	06/26/25 14:33
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 14:07
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	7470A			823094	MJG	EET CHI	06/24/25 11:05 - 06/24/25 13:05 ¹
TCLP	Analysis	7470A		1	823301	MJG	EET CHI	06/25/25 12:10
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 14:06
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-08-B01 (0-2)

Lab Sample ID: 500-270096-15

Date Collected: 06/16/25 12:20

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823604	MM	EET CHI	06/27/25 14:55
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 19:35
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823757	S1Z	EET CHI	06/27/25 15:10
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823757	S1Z	EET CHI	06/27/25 16:15
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823767	S1Z	EET CHI	06/27/25 16:15
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823443	S1Z	EET CHI	06/26/25 04:37

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-08-B01 (0-2)

Lab Sample ID: 500-270096-15

Date Collected: 06/16/25 12:20

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 09:06
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:55

Client Sample ID: 3641V-06-B02 (0-2)

Lab Sample ID: 500-270096-16

Date Collected: 06/16/25 12:25

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822412	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
SPLP East	Prep	3010A			822645	MS	EET CHI	06/20/25 13:15 - 06/20/25 19:15 ¹
SPLP East	Analysis	6010D		1	823997	SJ	EET CHI	07/01/25 03:18
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823443	S1Z	EET CHI	06/25/25 16:24
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823557	S1Z	EET CHI	06/26/25 14:52
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 14:11
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	7470A			823094	MJG	EET CHI	06/24/25 11:05 - 06/24/25 13:05 ¹
TCLP	Analysis	7470A		1	823301	MJG	EET CHI	06/25/25 12:12
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 14:09
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-06-B02 (0-2)

Lab Sample ID: 500-270096-16

Date Collected: 06/16/25 12:25

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 83.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823459	MM	EET CHI	06/26/25 18:44
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 16:42
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/27/25 21:52
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 16:04
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 16:08
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 09:08

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-06-B02 (0-2)

Lab Sample ID: 500-270096-16

Date Collected: 06/16/25 12:25

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 83.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 17:00

Client Sample ID: 3641V-06-B01 (0-2)

Lab Sample ID: 500-270096-17

Date Collected: 06/16/25 12:30

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822412	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
SPLP East	Prep	3010A			822645	MS	EET CHI	06/20/25 13:15 - 06/20/25 19:15 ¹
SPLP East	Analysis	6010D		1	823997	SJ	EET CHI	07/01/25 03:22
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823443	S1Z	EET CHI	06/25/25 16:28
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823557	S1Z	EET CHI	06/26/25 14:56
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 14:15
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	7470A			823094	MJG	EET CHI	06/24/25 11:05 - 06/24/25 13:05 ¹
TCLP	Analysis	7470A		1	823301	MJG	EET CHI	06/25/25 12:27
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 14:11
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-06-B01 (0-2)

Lab Sample ID: 500-270096-17

Date Collected: 06/16/25 12:30

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 88.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823459	MM	EET CHI	06/26/25 19:11
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 17:07
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/27/25 22:23
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 16:56
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 17:01
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 09:09
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 17:00

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-04-B02 (0-2)

Lab Sample ID: 500-270096-18

Date Collected: 06/16/25 12:35

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822412	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
SPLP East	Prep	3010A			822645	MS	EET CHI	06/20/25 13:15 - 06/20/25 19:15 ¹
SPLP East	Analysis	6010D		1	823997	SJ	EET CHI	07/01/25 03:26
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823443	S1Z	EET CHI	06/25/25 16:42
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823557	S1Z	EET CHI	06/26/25 15:01
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 14:19
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	7470A			823094	MJG	EET CHI	06/24/25 11:05 - 06/24/25 13:05 ¹
TCLP	Analysis	7470A		1	823301	MJG	EET CHI	06/25/25 12:29
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 14:14
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-04-B02 (0-2)

Lab Sample ID: 500-270096-18

Date Collected: 06/16/25 12:35

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823459	MM	EET CHI	06/26/25 19:38
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 15:04
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/27/25 22:27
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 17:05
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 17:09
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 09:11
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 17:01

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-04-B01 (0-2)

Lab Sample ID: 500-270096-19

Date Collected: 06/16/25 12:40

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822412	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
SPLP East	Prep	3010A			822645	MS	EET CHI	06/20/25 13:15 - 06/20/25 19:15 ¹
SPLP East	Analysis	6010D		1	823997	SJ	EET CHI	07/01/25 03:31
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823443	S1Z	EET CHI	06/25/25 16:46
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823557	S1Z	EET CHI	06/26/25 15:06
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 14:23
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	7470A			823094	MJG	EET CHI	06/24/25 11:05 - 06/24/25 13:05 ¹
TCLP	Analysis	7470A		1	823301	MJG	EET CHI	06/25/25 12:31
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 14:16
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-04-B01 (0-2)

Lab Sample ID: 500-270096-19

Date Collected: 06/16/25 12:40

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 89.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823459	MM	EET CHI	06/26/25 20:07
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 15:28
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/27/25 22:32
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 17:14
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 17:18
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 09:13
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 17:02

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-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Address _____

_____Regulatory Program. ☐ DW ☐ NPDES ☐ RCRA ☐ Other

Client Contact		Project Manager <u>J. Hughes</u>		Site Contact <u>T. Trujillo</u>		Date <u>6-16-25</u>		COC No <u>1</u> of <u>2</u> COCs		
Company Name <u>WSP</u>		Tel/Email		Lab Contact		Carrier		Sampler		
Address <u>30 N LaSalle St</u>		Analysis Turnaround Time ☒ CALENDAR DAYS ☐ WORKING DAYS TAT if different from Below _____ ☒ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Filtered Sample (Y/N) Perform MS/MSD (Y/N) VOCs SVOCs pH Y-Solids Total Metals TCLP &		 500-270096 COC		For Lab Use Only		
City/State/Zip <u>Chicago IL 60602</u>								Walk-in Client		
Phone								Lab Sampling		
Fax										
Project Name <u>WSP 11 W057A Hoffman Estates</u>								Job / SDG No		
Site <u>US-WSP-31463035.2676</u>								<u>500-270096</u>		
PO #										
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp G=Grab)	Matrix	# of Cont.	Sample Specific Notes			
1	3641V-01-B02 (0-7)	6/16/25	1045	G	S	2	/	/	/	/
2	3641V-01-B02 (7-13)		1050				/	/	/	/
3	3641V-01-B01 (0-3)		1105				/	/	/	/
4	3641V-05-B01 (0-5)		1110				/	/	/	/
5	3641V-05-B01 (5-10)		1115				/	/	/	/
6	3641V-05-B01 (10-15)		1120				/	/	/	/
7	3641V-05-B02 (0-5)		1135				/	/	/	/
8	3641V-05-B02 (0-5) Dup		1140				/	/	/	/
9	3641V-05-B02 (5-10)		1145				/	/	/	/
10	3641V-05-B03 (0-5)		1155				/	/	/	/
11	3641V-05-B03 (5-10)		1200				/	/	/	/
12	3641V-05-B04 (0-2)	V	1205				/	/	/	/
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other										
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample							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: <u>* SPLP analysis based on TCLP results</u>										
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No		Cooler Temp (°C) Obs'd		Corr'd		Therm ID No		
Relinquished by <u>707717</u>		Company <u>WSP</u>		Date/Time <u>6-16-25</u>		Received by		Company		Date/Time
Relinquished by		Company		Date/Time <u>1440</u>		Received by		Company		Date/Time
Relinquished by		Company		Date/Time		Received in Laboratory by <u>Adrian Kuy</u>		Company <u>FEETA</u>		Date/Time <u>06/16/25 1440</u>

Regulatory Program. ☐ DW ☐ NPDES ☐ RCRA ☐ Other:Address _____

Client Contact		Project Manager		Site Contact		Date		COC No						
Company Name		Tel/Email		Lab Contact		Carrier		2 of 2 COCs						
Address		Analysis Turnaround Time						Sampler						
City/State/Zip		☒ CALENDAR DAYS ☐ WORKING DAYS						For Lab Use Only.						
Phone		TAT if different from Below						Walk-in Client						
Fax		☒ 2 weeks						Lab Sampling						
Project Name		☐ 1 week						Job / SDG No						
Site		☐ 2 days						500-270096						
PO #		☐ 1 day												
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	VOCs	SVOCs	pH	Solids	Total Metals	TCLP	Sample Specific Notes
3641V-09-B01 (0-2)	6/16/25	1210	G	S	2			/	/	/	/	/	/	
3641V-10-B01 (0-2)		1215						/	/	/	/	/	/	
3641V-08-B01 (0-2)		1220						/	/	/	/	/	/	
3641V-06-B02 (0-2)		1225						/	/	/	/	/	/	
3641V-06-B01 (0-2)		1230						/	/	/	/	/	/	
3641V-04-B02 (0-4)		1235						/	/	/	/	/	/	
3641V-04-B01 (0-2)		1240						/	/	/	/	/	/	
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other														
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)								
☐ 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			Company			Date/Time			Received by			Company		
Relinquished by			Company			Date/Time			Received by			Company		
Relinquished by			Company			Date/Time			Received in Laboratory by			Company		

Login Sample Receipt Checklist

Client: WSP USA Inc

Job Number: 500-270096-1

Login Number: 270096

List Source: Eurofins Chicago

List Number: 1

Creator: Scott, Sherri L

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	Received same day of collection; chilling process has begun.
Cooler Temperature is recorded.	True	9.9,12.6,10.4
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 <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: FAP 341 (IL 72) Office Phone Number, if available: _____

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

1580 Caldwell Lane (ISGS #3641V-10)

City: Hoffman Estates State: IL Zip Code: 60169

County: Cook Township: Schaumburg

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

Latitude: 42.05299 Longitude: - 88.11864

(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.): 14

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 3641V-10-B01 was sampled within the construction zone adjacent to ISGS #3641V-10 (Residence). Refer to PSI Report for ISGS #3641V-10 (Residence) including Table 4-3, and Figure 4-1.

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

See attached data summary table and associated laboratory data package J270096-1 .

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

I, Thomas C. Campbell, P.E. (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: 115 W Washington St. Suite 1270S

City: Indianapolis State: IN Zip Code: 46204

Phone: (317) 972-1706

Thomas C. Campbell, P.E.

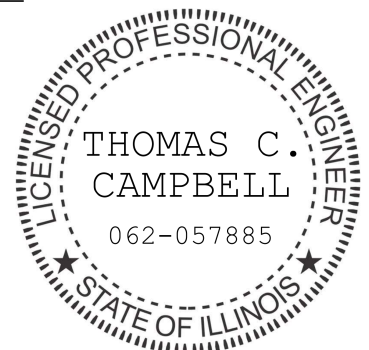
Printed Name:



Licensed Professional Engineer or
Licensed Professional Geologist Signature:

12/01/2025

Date:



Expires **11/30/2027**

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

Analytical Data Summary
PTB #196-002; Work Order 57A - IDOT Job # D-91-147-23

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 57A - IDOT Job # D-91-147-23

CONTAMINANTS OF CONCERN

SITE	ISGS #3641V-10 (Residence)	Comparison Criteria					
BORING	3641V-10-B01	MACs			TACO		
SAMPLE	3641V-10-B01 (0-2)	Most Stringent	Within an MSA	Within Chicago	Residential	Construction Worker	SCGIER
MATRIX	Soil						
DEPTH (feet)	0-2						
pH	8.3						
PID (meter units)	--						
VOCs (mg/kg)							
Methylene Chloride	0.0016 J	0.02	--	--	13	34	--
SVOCs (None Detected)							
Inorganics (mg/kg)							
Arsenic	7.5	11.3	13	--	13	61	--
Barium	56	1,500	--	--	5,500	14,000	--
Beryllium	0.74	22	--	--	160	410	--
Boron	19	40	--	--	16,000	41,000	--
Cadmium	0.098 J	5.2	--	--	78	200	--
Chromium	21	21	--	--	230	690	--
Cobalt	14	20	--	--	4,700	12,000	--
Copper	20	2,900	--	--	2,900	8,200	--
Iron	20,000 †m	15,000	15,900	--	--	--	--
Lead	14	107	--	--	400	700	--
Magnesium	24,000	325,000	--	--	--	730,000	--
Manganese	370	630	636	--	1,600	4,100	--
Mercury	0.019	0.89	--	--	10	0.1	--
Nickel	38	100	--	--	1,600	4,100	--
Selenium	0.42 J	1.3	--	--	390	1,000	--
Thallium	1.6	2.6	--	--	6.3	160	--
Vanadium	27	550	--	--	550	1,400	--
Zinc	59	5,100	--	--	23,000	61,000	--
TCLP Metals (mg/L)							
Barium	0.36	--	--	--	--	--	2
Cadmium	0.0014 J	--	--	--	--	--	0.005
Cobalt	0.0023 J	--	--	--	--	--	1
Manganese	0.97 L	--	--	--	--	--	0.15
Nickel	0.0052 J	--	--	--	--	--	0.1
SPLP Metals (mg/L)							
Manganese	0.73 L	--	--	--	--	--	0.15

ANALYTICAL REPORT

PREPARED FOR

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

Generated 7/8/2025 5:29:22 PM Revision 1

JOB DESCRIPTION

IDOT - 196-002-WO57A IL 72 Hoffman Estates

JOB NUMBER

500-270096-1

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



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

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Revision 1

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Case Narrative

Client: WSP USA Inc
Project: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Job ID: 500-270096-1

Eurofins Chicago

Job Narrative 500-270096-1

Revision

The report being provided is a revision of the original report sent on 7/2/2025. The report (revision 1) is being revised to include more details on the narrative below for method 8260D..

Receipt

The samples were received on 6/16/2025 2:40 PM. 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 9.9° C, 10.4° C and 12.6° C.

GC/MS VOA

Method 8260D: Internal standard (1,4-Dichlorobenzene-d4) response was outside of acceptance limits for the following sample: 3641V-05-B01 (5-10) (500-270096-5), 3641V-05-B01 (10-15) (500-270096-6), 3641V-05-B02 (0-5) (500-270096-7), 3641V-05-B02 (0-5)D (500-270096-8), 3641V-05-B03 (0-5) (500-270096-10), 3641V-05-B03 (5-10) (500-270096-11), 3641V-05-B04 (0-2) (500-270096-12) and 3641V-09-B01 (0-2) (500-270096-13). The sample did not have detects of requested analytes using this internal standard. Surrogate 4-Bromofluorobenzene is also being quantitated with this internal standard.

Method 8260D: Surrogate recovery for the following samples were outside the upper control limit: 3641V-05-B01 (10-15) (500-270096-6), 3641V-05-B03 (0-5) (500-270096-10), 3641V-05-B03 (5-10) (500-270096-11) and 3641V-05-B04 (0-2) (500-270096-12). This sample did not contain any target analytes above the reporting limit; therefore, re-extraction and/or re-analysis was not performed.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 500-823459 was outside the method criteria for the following analyte(s): 2-hexanone,4-methyl-2-pentanone, acetone, 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 500-823459 recovered outside control limits for the following analytes: Chloromethane. These analytes were biased low in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: Surrogate recovery for the following sample was outside the upper control limit: 3641V-08-B01 (0-2) (500-270096-15). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 500-823604 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 laboratory control sample duplicate (LCSD) for analytical batch 500-823845 recovered outside control limits for the following analytes: Carbon tetrachloride. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.
(LCSD 500-823845/9)

Method 8260D: The following analyte(s) recovered outside control limits for the LCS associated with analytical batch 500-823222: Bromomethane. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.(LCS 500-823222/7)

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 500-823222 was outside the method criteria for the following analyte(s): carbon disulfide, bromomethane. 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.

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 500-823426 was outside the method criteria for the following analyte(s): 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.

Eurofins Chicago

Case Narrative

Client: WSP USA Inc
Project: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Job ID: 500-270096-1 (Continued)

Eurofins Chicago

Method 8270E: The continuing calibration verification (CCV) analyzed in 500-823426 was outside the method criteria for the following analyte(s): 2,2'-oxybis[1-chloropropane], 2-Nitroaniline, 4,6-Dinitro-2-methylphenol, Benzo[b]fluoranthene, Bis(2-chloroethyl)ether, Isophorone, Nitrobenzene, N-Nitrosodi-n-propylamine and Nitrobenzene-d5 (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 continuing calibration verification (CCV) analyzed in 500-823422 was outside the method criteria for the following analyte(s): 2,4-Dinitrophenol. 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 500-823337 and analytical batch 500-823620 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.

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

Metals

Method 6010D: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3641V-01-B02 (0-7) (500-270096-1), 3641V-01-B02 (7-13) (500-270096-2), 3641V-05-B01 (0-5) (500-270096-4), 3641V-05-B01 (5-10) (500-270096-5) and 3641V-05-B02 (0-5) (500-270096-7). Elevated reporting limits (RLs) are provided.

Method 6010D: The method blank for leach batch 822394 contained Ba, Cr, and Se 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 laboratory control sample (LCS) for preparation batch 500-822394 and 500-822646 and analytical batch 500-823557 recovered outside control limits for the following analytes: Zinc. These analytes were biased high in the LCS and were not detected above the reporting limit in the associated samples; therefore, the data have been reported.

Method 6010D: The continuing calibration verification (CCV) associated with batch 500-823557 recovered above the upper control limit for Zinc. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are: 3641V-06-B02 (0-2) (500-270096-16), 3641V-06-B01 (0-2) (500-270096-17), 3641V-04-B02 (0-2) (500-270096-18) and 3641V-04-B01 (0-2) (500-270096-19).

Methods 200.7 Rev 4.4, 6010D: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3641V-05-B02 (5-10) (500-270096-9), 3641V-05-B03 (0-5) (500-270096-10), 3641V-05-B03 (5-10) (500-270096-11), 3641V-05-B04 (0-2) (500-270096-12), 3641V-09-B01 (0-2) (500-270096-13) and 3641V-08-B01 (0-2) (500-270096-15). Elevated reporting limits (RLs) are provided.

Method 6010D: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3641V-05-B02 (5-10) (500-270096-9), 3641V-05-B03 (0-5) (500-270096-10), 3641V-05-B03 (5-10) (500-270096-11), 3641V-05-B04 (0-2) (500-270096-12), 3641V-09-B01 (0-2) (500-270096-13) and 3641V-08-B01 (0-2) (500-270096-15). Elevated reporting limits (RLs) are provided.

Method 6010D: The method blank for preparation batch 500-822697 and analytical batch 500-823785 contained 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: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3641V-01-B02 (0-7) (500-270096-1), 3641V-01-B02 (7-13) (500-270096-2), 3641V-01-B01 (0-3) (500-270096-3), 3641V-05-B01 (0-5) (500-270096-4), 3641V-05-B01 (5-10) (500-270096-5), 3641V-05-B01 (10-15) (500-270096-6), 3641V-06-B02 (0-2) (500-270096-16), 3641V-06-B01 (0-2) (500-270096-17), 3641V-04-B02 (0-2) (500-270096-18), 3641V-04-B01 (0-2) (500-270096-19), (500-270096-D-16-G DU ^5), (500-270096-D-16-H MS ^5), (500-270096-D-16-I MSD ^5) and (500-270096-D-16-F SD ^25). Elevated reporting limits (RLs) are provided.

Method 6010D: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3641V-05-B02 (0-5) (500-270096-7) and 3641V-05-B02 (0-5)D (500-270096-8). Elevated reporting limits (RLs) are provided.

Methods 200.7 Rev 4.4, 6010D: The following sample was diluted to bring the concentration of target analytes within the calibration range: 3641V-10-B01 (0-2) (500-270096-14). Elevated reporting limits (RLs) are provided.

Method 7470A: Lab blank came above reporting limit. Sample #12 of 270096 was a hit and not reported.

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Case Narrative

Client: WSP USA Inc
Project: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Job ID: 500-270096-1 (Continued)

Eurofins Chicago

(LB 500-822250/1-C)

Method 7470A: The filtered lab blank for preparation batch 500-822394 and 500-823094 contained mercury 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 7470A: The method blank for preparation batch 500-822250 and 500-823485 contained Mercury 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.

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 500-822449 and analytical batch 500-822763 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.

Organic Prep

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

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Detection Summary

Client: WSP USA Inc

Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-10-B01 (0-2)

Lab Sample ID: 500-270096-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Methylene Chloride	0.0016	J	0.0034	0.0015	mg/Kg	1	✳		8260D	Total/NA
Arsenic	7.5		0.54	0.18	mg/Kg	1	✳		6010D	Total/NA
Barium	56		0.54	0.061	mg/Kg	1	✳		6010D	Total/NA
Beryllium	0.74		0.22	0.050	mg/Kg	1	✳		6010D	Total/NA
Boron	19	B	2.7	0.25	mg/Kg	1	✳		6010D	Total/NA
Cadmium	0.098	J	0.11	0.019	mg/Kg	1	✳		6010D	Total/NA
Chromium	21		0.54	0.27	mg/Kg	1	✳		6010D	Total/NA
Cobalt	14		0.27	0.071	mg/Kg	1	✳		6010D	Total/NA
Copper	20		0.54	0.15	mg/Kg	1	✳		6010D	Total/NA
Iron	20000		11	5.6	mg/Kg	1	✳		6010D	Total/NA
Lead	14		1.3	0.62	mg/Kg	5	✳		6010D	Total/NA
Magnesium	24000		5.4	2.7	mg/Kg	1	✳		6010D	Total/NA
Manganese	370		0.54	0.078	mg/Kg	1	✳		6010D	Total/NA
Nickel	38		0.54	0.16	mg/Kg	1	✳		6010D	Total/NA
Selenium	0.42	J	0.54	0.32	mg/Kg	1	✳		6010D	Total/NA
Thallium	1.6		0.54	0.27	mg/Kg	1	✳		6010D	Total/NA
Vanadium	27		0.27	0.064	mg/Kg	1	✳		6010D	Total/NA
Zinc	59	B	1.1	0.47	mg/Kg	1	✳		6010D	Total/NA
Barium	0.36	B	0.010	0.0012	mg/L	1			6010D	TCLP

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Detection Summary

Client: WSP USA Inc

Job ID: 500-270096-1

Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Client Sample ID: 3641V-10-B01 (0-2) (Continued)

Lab Sample ID: 500-270096-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	0.0014	J	0.0050	0.00043	mg/L	1		6010D	TCLP
Cobalt	0.0023	J	0.0050	0.00078	mg/L	1		6010D	TCLP
Iron	0.086	J B	0.40	0.082	mg/L	1		6010D	TCLP
Manganese	0.97		0.010	0.0023	mg/L	1		6010D	TCLP
Nickel	0.0052	J	0.010	0.0048	mg/L	1		6010D	TCLP
Selenium	0.0067	J B	0.050	0.0053	mg/L	1		6010D	TCLP
Manganese	0.73		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.019		0.018	0.0075	mg/Kg	1	✱	7471B	Total/NA
pH	8.3		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: 500-270096-1

Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

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-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-270096-14	3641V-10-B01 (0-2)	Solid	06/16/25 12:15	06/16/25 14:40

Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-10-B01 (0-2)

Lab Sample ID: 500-270096-14

Date Collected: 06/16/25 12:15

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.014		0.014	0.0058	mg/Kg	☆	06/16/25 15:43	06/25/25 13:45	1
Benzene	<0.0014		0.0014	0.00043	mg/Kg	☆	06/16/25 15:43	06/25/25 13:45	1
Bromodichloromethane	<0.0014		0.0014	0.00044	mg/Kg	☆	06/16/25 15:43	06/25/25 13:45	1
Bromoform	<0.0014		0.0014	0.00080	mg/Kg	☆	06/16/25 15:43	06/25/25 13:45	1
Bromomethane	<0.0034	*-	0.0034	0.0017	mg/Kg	☆	06/16/25 15:43	06/25/25 13:45	1
2-Butanone (MEK)	<0.0034		0.0034	0.0015	mg/Kg	☆	06/16/25 15:43	06/25/25 13:45	1
Carbon disulfide	<0.0034		0.0034	0.00063	mg/Kg	☆	06/16/25 15:43	06/25/25 13:45	1
Carbon tetrachloride	<0.0014		0.0014	0.00047	mg/Kg	☆	06/16/25 15:43	06/25/25 13:45	1
Chlorobenzene	<0.0014		0.0014	0.00058	mg/Kg	☆	06/16/25 15:43	06/25/25 13:45	1
Chloroethane	<0.0034		0.0034	0.0011	mg/Kg	☆	06/16/25 15:43	06/25/25 13:45	1
Chloroform	<0.0014		0.0014	0.00099	mg/Kg	☆	06/16/25 15:43	06/25/25 13:45	1
Chloromethane	<0.0034		0.0034	0.00067	mg/Kg	☆	06/16/25 15:43	06/25/25 13:45	1
cis-1,2-Dichloroethene	<0.0014		0.0014	0.00056	mg/Kg	☆	06/16/25 15:43	06/25/25 13:45	1
cis-1,3-Dichloropropene	<0.0014		0.0014	0.00055	mg/Kg	☆	06/16/25 15:43	06/25/25 13:45	1
Dibromochloromethane	<0.0014		0.0014	0.00064	mg/Kg	☆	06/16/25 15:43	06/25/25 13:45	1
1,2-Dibromo-3-Chloropropane	<0.0034		0.0034	0.0024	mg/Kg	☆	06/16/25 15:43	06/25/25 13:45	1
1,1-Dichloroethane	<0.0014		0.0014	0.00052	mg/Kg	☆	06/16/25 15:43	06/25/25 13:45	1
1,2-Dichloroethane	<0.0034		0.0034	0.00089	mg/Kg	☆	06/16/25 15:43	06/25/25 13:45	1
1,1-Dichloroethene	<0.0014		0.0014	0.00057	mg/Kg	☆	06/16/25 15:43	06/25/25 13:45	1
1,2-Dichloropropane	<0.0014		0.0014	0.00036	mg/Kg	☆	06/16/25 15:43	06/25/25 13:45	1
1,3-Dichloropropene, Total	<0.0014		0.0014	0.00066	mg/Kg	☆	06/16/25 15:43	06/25/25 13:45	1
Ethylbenzene	<0.0014		0.0014	0.00072	mg/Kg	☆	06/16/25 15:43	06/25/25 13:45	1
2-Hexanone	<0.0034		0.0034	0.0021	mg/Kg	☆	06/16/25 15:43	06/25/25 13:45	1
Methylene Chloride	0.0016	J	0.0034	0.0015	mg/Kg	☆	06/16/25 15:43	06/25/25 13:45	1
4-Methyl-2-pentanone (MIBK)	<0.0034		0.0034	0.0024	mg/Kg	☆	06/16/25 15:43	06/25/25 13:45	1
Methyl tert-butyl ether	<0.0014		0.0014	0.00044	mg/Kg	☆	06/16/25 15:43	06/25/25 13:45	1
Styrene	<0.0014		0.0014	0.00062	mg/Kg	☆	06/16/25 15:43	06/25/25 13:45	1
1,1,2,2-Tetrachloroethane	<0.0014		0.0014	0.00068	mg/Kg	☆	06/16/25 15:43	06/25/25 13:45	1
Tetrachloroethene	<0.0014		0.0014	0.00077	mg/Kg	☆	06/16/25 15:43	06/25/25 13:45	1
Toluene	<0.0014		0.0014	0.00028	mg/Kg	☆	06/16/25 15:43	06/25/25 13:45	1
trans-1,2-Dichloroethene	<0.0014		0.0014	0.00052	mg/Kg	☆	06/16/25 15:43	06/25/25 13:45	1
trans-1,3-Dichloropropene	<0.0014		0.0014	0.00066	mg/Kg	☆	06/16/25 15:43	06/25/25 13:45	1
1,1,1-Trichloroethane	<0.0014		0.0014	0.00056	mg/Kg	☆	06/16/25 15:43	06/25/25 13:45	1
1,1,2-Trichloroethane	<0.0014		0.0014	0.00052	mg/Kg	☆	06/16/25 15:43	06/25/25 13:45	1
Trichloroethene	<0.0014		0.0014	0.00037	mg/Kg	☆	06/16/25 15:43	06/25/25 13:45	1
Vinyl acetate	<0.0034		0.0034	0.00082	mg/Kg	☆	06/16/25 15:43	06/25/25 13:45	1
Vinyl chloride	<0.0014		0.0014	0.00056	mg/Kg	☆	06/16/25 15:43	06/25/25 13:45	1
Xylenes, Total	<0.0028		0.0028	0.00047	mg/Kg	☆	06/16/25 15:43	06/25/25 13:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		75 - 131	06/16/25 15:43	06/25/25 13:45	1
Dibromofluoromethane	101		75 - 126	06/16/25 15:43	06/25/25 13:45	1
1,2-Dichloroethane-d4 (Surr)	102		70 - 134	06/16/25 15:43	06/25/25 13:45	1
Toluene-d8 (Surr)	107		75 - 124	06/16/25 15:43	06/25/25 13:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.027	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1
1,2-Dichlorobenzene	<0.19		0.19	0.015	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-10-B01 (0-2)

Lab Sample ID: 500-270096-14

Date Collected: 06/16/25 12:15

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.7

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	☆	06/25/25 07:38	06/26/25 14:39	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.027	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1
2,4,5-Trichlorophenol	<0.37		0.37	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1
2,4,6-Trichlorophenol	<0.37		0.37	0.013	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1
2,4-Dichlorophenol	<0.37		0.37	0.013	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1
2,4-Dimethylphenol	<0.37		0.37	0.084	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1
2,4-Dinitrophenol	<0.76		0.76	0.22	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1
2,4-Dinitrotoluene	<0.19		0.19	0.021	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1
2,6-Dinitrotoluene	<0.19		0.19	0.026	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1
2-Methylnaphthalene	<0.076		0.076	0.0075	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1
2-Methylphenol	<0.19		0.19	0.020	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1
2-Nitroaniline	<0.19		0.19	0.020	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1
2-Nitrophenol	<0.37		0.37	0.025	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1
3 & 4 Methylphenol	<0.19		0.19	0.027	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.16	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1
3-Nitroaniline	<0.37		0.37	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.21	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.026	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1
4-Chloro-3-methylphenol	<0.37		0.37	0.031	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1
4-Chloroaniline	<0.76		0.76	0.39	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1
4-Nitroaniline	<0.37		0.37	0.028	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1
4-Nitrophenol	<0.76		0.76	0.41	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1
Acenaphthene	<0.037		0.037	0.0076	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1
Acenaphthylene	<0.037		0.037	0.0064	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1
Anthracene	<0.037		0.037	0.0077	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1
Benzo[a]anthracene	<0.037		0.037	0.0080	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1
Benzo[a]pyrene	<0.037		0.037	0.036	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1
Benzo[b]fluoranthene	<0.037		0.037	0.036	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1
Benzo[g,h,i]perylene	<0.037		0.037	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1
Benzo[k]fluoranthene	<0.037		0.037	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.15	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1
Butyl benzyl phthalate	<0.19		0.19	0.019	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1
Carbazole	<0.19		0.19	0.015	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1
Chrysene	<0.037		0.037	0.0099	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1
Dibenz(a,h)anthracene	<0.037		0.037	0.037	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1
Dibenzofuran	<0.19		0.19	0.013	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1
Diethyl phthalate	<0.19		0.19	0.017	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1
Dimethyl phthalate	<0.19		0.19	0.0081	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1
Di-n-octyl phthalate	<0.37		0.37	0.26	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1
Fluoranthene	<0.037		0.037	0.0087	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1
Fluorene	<0.037		0.037	0.011	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1
Hexachlorobenzene	<0.076		0.076	0.0072	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1
Hexachlorobutadiene	<0.19		0.19	0.021	mg/Kg	☆	06/25/25 07:38	06/26/25 14:39	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-10-B01 (0-2)

Lab Sample ID: 500-270096-14

Date Collected: 06/16/25 12:15

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.7

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	✱	06/25/25 07:38	06/26/25 14:39	1
Hexachloroethane	<0.19		0.19	0.019	mg/Kg	✱	06/25/25 07:38	06/26/25 14:39	1
Indeno[1,2,3-cd]pyrene	<0.037		0.037	0.037	mg/Kg	✱	06/25/25 07:38	06/26/25 14:39	1
Isophorone	<0.19		0.19	0.019	mg/Kg	✱	06/25/25 07:38	06/26/25 14:39	1
Naphthalene	<0.037		0.037	0.0068	mg/Kg	✱	06/25/25 07:38	06/26/25 14:39	1
Nitrobenzene	<0.037		0.037	0.012	mg/Kg	✱	06/25/25 07:38	06/26/25 14:39	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.021	mg/Kg	✱	06/25/25 07:38	06/26/25 14:39	1
N-Nitrosodiphenylamine	<0.19		0.19	0.074	mg/Kg	✱	06/25/25 07:38	06/26/25 14:39	1
Pentachlorophenol	<0.76		0.76	0.42	mg/Kg	✱	06/25/25 07:38	06/26/25 14:39	1
Phenanthrene	<0.037		0.037	0.0082	mg/Kg	✱	06/25/25 07:38	06/26/25 14:39	1
Phenol	<0.19		0.19	0.016	mg/Kg	✱	06/25/25 07:38	06/26/25 14:39	1
Pyrene	<0.037		0.037	0.010	mg/Kg	✱	06/25/25 07:38	06/26/25 14:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	91		31 - 166	06/25/25 07:38	06/26/25 14:39	1
Phenol-d5 (Surr)	94		30 - 153	06/25/25 07:38	06/26/25 14:39	1
Nitrobenzene-d5 (Surr)	108		37 - 147	06/25/25 07:38	06/26/25 14:39	1
2-Fluorobiphenyl (Surr)	95		43 - 145	06/25/25 07:38	06/26/25 14:39	1
2,4,6-Tribromophenol (Surr)	87		31 - 143	06/25/25 07:38	06/26/25 14:39	1
Terphenyl-d14 (Surr)	102		42 - 157	06/25/25 07:38	06/26/25 14:39	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.1		1.1	0.21	mg/Kg	✱	06/20/25 16:12	06/26/25 04:33	1
Arsenic	7.5		0.54	0.18	mg/Kg	✱	06/20/25 16:12	06/26/25 04:33	1
Barium	56		0.54	0.061	mg/Kg	✱	06/20/25 16:12	06/26/25 04:33	1
Beryllium	0.74		0.22	0.050	mg/Kg	✱	06/20/25 16:12	06/26/25 04:33	1
Boron	19	B	2.7	0.25	mg/Kg	✱	06/20/25 16:12	06/26/25 04:33	1
Cadmium	0.098	J	0.11	0.019	mg/Kg	✱	06/20/25 16:12	06/26/25 04:33	1
Chromium	21		0.54	0.27	mg/Kg	✱	06/20/25 16:12	06/26/25 04:33	1
Cobalt	14		0.27	0.071	mg/Kg	✱	06/20/25 16:12	06/26/25 04:33	1
Copper	20		0.54	0.15	mg/Kg	✱	06/20/25 16:12	06/26/25 04:33	1
Iron	20000		11	5.6	mg/Kg	✱	06/20/25 16:12	06/26/25 04:33	1
Lead	14		1.3	0.62	mg/Kg	✱	06/20/25 16:12	07/01/25 18:19	5
Magnesium	24000		5.4	2.7	mg/Kg	✱	06/20/25 16:12	06/26/25 04:33	1
Manganese	370		0.54	0.078	mg/Kg	✱	06/20/25 16:12	06/27/25 15:06	1
Nickel	38		0.54	0.16	mg/Kg	✱	06/20/25 16:12	06/26/25 04:33	1
Selenium	0.42	J	0.54	0.32	mg/Kg	✱	06/20/25 16:12	06/26/25 04:33	1
Silver	<0.27		0.27	0.069	mg/Kg	✱	06/20/25 16:12	06/26/25 04:33	1
Thallium	1.6		0.54	0.27	mg/Kg	✱	06/20/25 16:12	06/26/25 04:33	1
Vanadium	27		0.27	0.064	mg/Kg	✱	06/20/25 16:12	06/26/25 04:33	1
Zinc	59	B	1.1	0.47	mg/Kg	✱	06/20/25 16:12	06/27/25 15:06	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		06/19/25 15:35	06/20/25 18:27	1
Barium	0.36	B	0.010	0.0012	mg/L		06/19/25 15:35	06/20/25 18:27	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		06/19/25 15:35	06/20/25 18:27	1
Boron	<0.50		0.50	0.0056	mg/L		06/19/25 15:35	06/20/25 18:27	1
Cadmium	0.0014	J	0.0050	0.00043	mg/L		06/19/25 15:35	06/20/25 18:27	1

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Client Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-10-B01 (0-2)

Lab Sample ID: 500-270096-14

Date Collected: 06/16/25 12:15

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.7

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		06/19/25 15:35	06/20/25 18:27	1
Cobalt	0.0023	J	0.0050	0.00078	mg/L		06/19/25 15:35	06/20/25 18:27	1
Copper	<0.010		0.010	0.0018	mg/L		06/19/25 15:35	06/20/25 18:27	1
Iron	0.086	J B	0.40	0.082	mg/L		06/19/25 15:35	06/20/25 18:27	1
Lead	<0.0075		0.0075	0.0027	mg/L		06/19/25 15:35	06/20/25 18:27	1
Manganese	0.97		0.010	0.0023	mg/L		06/19/25 15:35	06/20/25 18:27	1
Nickel	0.0052	J	0.010	0.0048	mg/L		06/19/25 15:35	06/20/25 18:27	1
Selenium	0.0067	J B	0.050	0.0053	mg/L		06/19/25 15:35	06/20/25 18:27	1
Silver	<0.0050		0.0050	0.0015	mg/L		06/19/25 15:35	06/20/25 18:27	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		06/19/25 15:35	06/20/25 18:27	1
Zinc	<0.50		0.50	0.0050	mg/L		06/19/25 15:35	06/20/25 18:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	0.73		0.010	0.0023	mg/L		06/19/25 13:59	06/20/25 17:27	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		06/19/25 15:35	06/25/25 13:46	1
Thallium	<0.0020		0.0020	0.0020	mg/L		06/19/25 15:35	06/25/25 13:46	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		06/23/25 11:05	06/24/25 11:21	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.019		0.018	0.0075	mg/Kg	☆	06/27/25 14:00	06/30/25 08:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.25		0.25	0.13	mg/Kg	☆	06/19/25 13:17	06/19/25 16:55	1
pH (SW846 9045D)	8.3		0.2	0.2	SU			06/20/25 14:01	1

Definitions/Glossary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

Metals

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
F3	Duplicate RPD exceeds the control limit
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
L	A negative instrument reading had an absolute value greater than the reporting limit

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD 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

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Definitions/Glossary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Glossary (Continued)

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

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

GC/MS VOA

Prep Batch: 823131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	5035	
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	5035	
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	5035	
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	5035	
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	5035	
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	5035	
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	5035	
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	5035	
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	5035	
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	5035	
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	5035	
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	5035	
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	5035	
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	5035	
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	5035	
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	5035	
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	5035	
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	5035	
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	5035	

Analysis Batch: 823222

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	8260D	823131
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	8260D	823131
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	8260D	823131
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	8260D	823131
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	8260D	823131
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	8260D	823131
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	8260D	823131
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	8260D	823131
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	8260D	823131
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	8260D	823131
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	8260D	823131
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	8260D	823131
MB 500-823222/5	Method Blank	Total/NA	Solid	8260D	
LCS 500-823222/7	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 500-823222/8	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 823459

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	8260D	823131
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	8260D	823131
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	8260D	823131
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	8260D	823131
MB 500-823459/6	Method Blank	Total/NA	Solid	8260D	
LCS 500-823459/2	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 500-823459/3	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 823604

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	8260D	823131

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

GC/MS VOA (Continued)

Analysis Batch: 823604 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	8260D	823131
MB 500-823604/7	Method Blank	Total/NA	Solid	8260D	
LCS 500-823604/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 500-823604/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 823845

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	8260D	823131
MB 500-823845/8	Method Blank	Total/NA	Solid	8260D	
LCS 500-823845/6	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 500-823845/9	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS Semi VOA

Prep Batch: 823218

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	3546	
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	3546	
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	3546	
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	3546	
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	3546	
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	3546	
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	3546	
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	3546	
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	3546	
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	3546	
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	3546	
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	3546	
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	3546	
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	3546	
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	3546	
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	3546	
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	3546	
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	3546	
MB 500-823218/1-A	Method Blank	Total/NA	Solid	3546	
LCS 500-823218/2-A	Lab Control Sample	Total/NA	Solid	3546	

Prep Batch: 823337

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	3546	
MB 500-823337/1-A	Method Blank	Total/NA	Solid	3546	
LCS 500-823337/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 823422

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	8270E	823337
LCS 500-823337/2-A	Lab Control Sample	Total/NA	Solid	8270E	823337

Analysis Batch: 823426

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	8270E	823218

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QC Association Summary

Client: WSP USA Inc

Job ID: 500-270096-1

Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

GC/MS Semi VOA (Continued)

Analysis Batch: 823426 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	8270E	823218
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	8270E	823218
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	8270E	823218
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	8270E	823218
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	8270E	823218
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	8270E	823218
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	8270E	823218
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	8270E	823218
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	8270E	823218
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	8270E	823218
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	8270E	823218
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	8270E	823218
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	8270E	823218
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	8270E	823218
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	8270E	823218
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	8270E	823218
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	8270E	823218
MB 500-823218/1-A	Method Blank	Total/NA	Solid	8270E	823218
LCS 500-823218/2-A	Lab Control Sample	Total/NA	Solid	8270E	823218

Analysis Batch: 823620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-823337/1-A	Method Blank	Total/NA	Solid	8270E	823337

Metals

Leach Batch: 822250

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	TCLP	Solid	1311	
500-270096-2	3641V-01-B02 (7-13)	TCLP	Solid	1311	
500-270096-3	3641V-01-B01 (0-3)	TCLP	Solid	1311	
500-270096-4	3641V-05-B01 (0-5)	TCLP	Solid	1311	
500-270096-5	3641V-05-B01 (5-10)	TCLP	Solid	1311	
500-270096-6	3641V-05-B01 (10-15)	TCLP	Solid	1311	
500-270096-7	3641V-05-B02 (0-5)	TCLP	Solid	1311	
500-270096-8	3641V-05-B02 (0-5)D	TCLP	Solid	1311	
500-270096-9	3641V-05-B02 (5-10)	TCLP	Solid	1311	
500-270096-10	3641V-05-B03 (0-5)	TCLP	Solid	1311	
500-270096-11	3641V-05-B03 (5-10)	TCLP	Solid	1311	
500-270096-12	3641V-05-B04 (0-2)	TCLP	Solid	1311	
500-270096-13	3641V-09-B01 (0-2)	TCLP	Solid	1311	
500-270096-14	3641V-10-B01 (0-2)	TCLP	Solid	1311	
LB 500-822250/1-B	Method Blank	TCLP	Solid	1311	
LB 500-822250/1-C	Method Blank	TCLP	Solid	1311	
LB 500-822250/1-D	Method Blank	TCLP	Solid	1311	

Leach Batch: 822251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	SPLP East	Solid	1312	
500-270096-2	3641V-01-B02 (7-13)	SPLP East	Solid	1312	
500-270096-3	3641V-01-B01 (0-3)	SPLP East	Solid	1312	

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Metals (Continued)

Leach Batch: 822251 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-4	3641V-05-B01 (0-5)	SPLP East	Solid	1312	
500-270096-5	3641V-05-B01 (5-10)	SPLP East	Solid	1312	
500-270096-6	3641V-05-B01 (10-15)	SPLP East	Solid	1312	
500-270096-7	3641V-05-B02 (0-5)	SPLP East	Solid	1312	
500-270096-8	3641V-05-B02 (0-5)D	SPLP East	Solid	1312	
500-270096-9	3641V-05-B02 (5-10)	SPLP East	Solid	1312	
500-270096-10	3641V-05-B03 (0-5)	SPLP East	Solid	1312	
500-270096-11	3641V-05-B03 (5-10)	SPLP East	Solid	1312	
500-270096-12	3641V-05-B04 (0-2)	SPLP East	Solid	1312	
500-270096-13	3641V-09-B01 (0-2)	SPLP East	Solid	1312	
500-270096-14	3641V-10-B01 (0-2)	SPLP East	Solid	1312	
LB 500-822251/1-B	Method Blank	SPLP East	Solid	1312	

Leach Batch: 822394

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	TCLP	Solid	1311	
500-270096-16	3641V-06-B02 (0-2)	TCLP	Solid	1311	
500-270096-17	3641V-06-B01 (0-2)	TCLP	Solid	1311	
500-270096-18	3641V-04-B02 (0-2)	TCLP	Solid	1311	
500-270096-19	3641V-04-B01 (0-2)	TCLP	Solid	1311	
LB 500-822394/1-B	Method Blank	TCLP	Solid	1311	
LB 500-822394/1-C	Method Blank	TCLP	Solid	1311	

Leach Batch: 822412

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	SPLP East	Solid	1312	
500-270096-16	3641V-06-B02 (0-2)	SPLP East	Solid	1312	
500-270096-17	3641V-06-B01 (0-2)	SPLP East	Solid	1312	
500-270096-18	3641V-04-B02 (0-2)	SPLP East	Solid	1312	
500-270096-19	3641V-04-B01 (0-2)	SPLP East	Solid	1312	
LB 500-822412/1-B	Method Blank	SPLP East	Solid	1312	
500-270096-15 MS	3641V-08-B01 (0-2)	SPLP East	Solid	1312	
500-270096-15 DU	3641V-08-B01 (0-2)	SPLP East	Solid	1312	

Prep Batch: 822485

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	SPLP East	Solid	3010A	822251
500-270096-2	3641V-01-B02 (7-13)	SPLP East	Solid	3010A	822251
500-270096-3	3641V-01-B01 (0-3)	SPLP East	Solid	3010A	822251
500-270096-4	3641V-05-B01 (0-5)	SPLP East	Solid	3010A	822251
500-270096-5	3641V-05-B01 (5-10)	SPLP East	Solid	3010A	822251
500-270096-6	3641V-05-B01 (10-15)	SPLP East	Solid	3010A	822251
500-270096-7	3641V-05-B02 (0-5)	SPLP East	Solid	3010A	822251
500-270096-8	3641V-05-B02 (0-5)D	SPLP East	Solid	3010A	822251
500-270096-9	3641V-05-B02 (5-10)	SPLP East	Solid	3010A	822251
500-270096-10	3641V-05-B03 (0-5)	SPLP East	Solid	3010A	822251
500-270096-11	3641V-05-B03 (5-10)	SPLP East	Solid	3010A	822251
500-270096-12	3641V-05-B04 (0-2)	SPLP East	Solid	3010A	822251
500-270096-13	3641V-09-B01 (0-2)	SPLP East	Solid	3010A	822251
500-270096-14	3641V-10-B01 (0-2)	SPLP East	Solid	3010A	822251
LB 500-822251/1-B	Method Blank	SPLP East	Solid	3010A	822251

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Metals (Continued)

Prep Batch: 822485 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-822485/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Prep Batch: 822509

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	TCLP	Solid	3010A	822250
500-270096-2	3641V-01-B02 (7-13)	TCLP	Solid	3010A	822250
500-270096-3	3641V-01-B01 (0-3)	TCLP	Solid	3010A	822250
500-270096-4	3641V-05-B01 (0-5)	TCLP	Solid	3010A	822250
500-270096-5	3641V-05-B01 (5-10)	TCLP	Solid	3010A	822250
500-270096-6	3641V-05-B01 (10-15)	TCLP	Solid	3010A	822250
500-270096-7	3641V-05-B02 (0-5)	TCLP	Solid	3010A	822250
500-270096-8	3641V-05-B02 (0-5)D	TCLP	Solid	3010A	822250
500-270096-9	3641V-05-B02 (5-10)	TCLP	Solid	3010A	822250
500-270096-10	3641V-05-B03 (0-5)	TCLP	Solid	3010A	822250
500-270096-11	3641V-05-B03 (5-10)	TCLP	Solid	3010A	822250
500-270096-12	3641V-05-B04 (0-2)	TCLP	Solid	3010A	822250
500-270096-13	3641V-09-B01 (0-2)	TCLP	Solid	3010A	822250
500-270096-14	3641V-10-B01 (0-2)	TCLP	Solid	3010A	822250
LB 500-822250/1-B	Method Blank	TCLP	Solid	3010A	822250
LCS 500-822509/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Prep Batch: 822645

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	SPLP East	Solid	3010A	822412
500-270096-16	3641V-06-B02 (0-2)	SPLP East	Solid	3010A	822412
500-270096-17	3641V-06-B01 (0-2)	SPLP East	Solid	3010A	822412
500-270096-18	3641V-04-B02 (0-2)	SPLP East	Solid	3010A	822412
500-270096-19	3641V-04-B01 (0-2)	SPLP East	Solid	3010A	822412
LB 500-822412/1-B	Method Blank	SPLP East	Solid	3010A	822412
LCS 500-822645/2-A	Lab Control Sample	Total/NA	Solid	3010A	
500-270096-15 MS	3641V-08-B01 (0-2)	SPLP East	Solid	3010A	822412
500-270096-15 DU	3641V-08-B01 (0-2)	SPLP East	Solid	3010A	822412

Prep Batch: 822646

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	TCLP	Solid	3010A	822394
500-270096-16	3641V-06-B02 (0-2)	TCLP	Solid	3010A	822394
500-270096-17	3641V-06-B01 (0-2)	TCLP	Solid	3010A	822394
500-270096-18	3641V-04-B02 (0-2)	TCLP	Solid	3010A	822394
500-270096-19	3641V-04-B01 (0-2)	TCLP	Solid	3010A	822394
LB 500-822394/1-B	Method Blank	TCLP	Solid	3010A	822394
LCS 500-822646/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Prep Batch: 822696

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	3050B	
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	3050B	
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	3050B	
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	3050B	
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	3050B	
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	3050B	

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Metals (Continued)

Prep Batch: 822696 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	3050B	
MB 500-822696/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-822696/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 822697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	3050B	
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	3050B	
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	3050B	
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	3050B	
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	3050B	
MB 500-822697/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-822697/2-A	Lab Control Sample	Total/NA	Solid	3050B	
500-270096-16 MS	3641V-06-B02 (0-2)	Total/NA	Solid	3050B	
500-270096-16 MSD	3641V-06-B02 (0-2)	Total/NA	Solid	3050B	
500-270096-16 DU	3641V-06-B02 (0-2)	Total/NA	Solid	3050B	

Analysis Batch: 822771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	TCLP	Solid	6010D	822509
500-270096-2	3641V-01-B02 (7-13)	TCLP	Solid	6010D	822509
500-270096-3	3641V-01-B01 (0-3)	TCLP	Solid	6010D	822509
500-270096-4	3641V-05-B01 (0-5)	TCLP	Solid	6010D	822509
500-270096-5	3641V-05-B01 (5-10)	TCLP	Solid	6010D	822509
500-270096-6	3641V-05-B01 (10-15)	TCLP	Solid	6010D	822509
500-270096-7	3641V-05-B02 (0-5)	TCLP	Solid	6010D	822509
500-270096-8	3641V-05-B02 (0-5)D	TCLP	Solid	6010D	822509
500-270096-9	3641V-05-B02 (5-10)	TCLP	Solid	6010D	822509
500-270096-10	3641V-05-B03 (0-5)	TCLP	Solid	6010D	822509
500-270096-11	3641V-05-B03 (5-10)	TCLP	Solid	6010D	822509
500-270096-12	3641V-05-B04 (0-2)	TCLP	Solid	6010D	822509
500-270096-13	3641V-09-B01 (0-2)	TCLP	Solid	6010D	822509
500-270096-14	3641V-10-B01 (0-2)	TCLP	Solid	6010D	822509
LB 500-822250/1-B	Method Blank	TCLP	Solid	6010D	822509
LCS 500-822509/2-A	Lab Control Sample	Total/NA	Solid	6010D	822509

Analysis Batch: 822772

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	SPLP East	Solid	6010D	822485
500-270096-2	3641V-01-B02 (7-13)	SPLP East	Solid	6010D	822485
500-270096-3	3641V-01-B01 (0-3)	SPLP East	Solid	6010D	822485
500-270096-4	3641V-05-B01 (0-5)	SPLP East	Solid	6010D	822485
500-270096-5	3641V-05-B01 (5-10)	SPLP East	Solid	6010D	822485
500-270096-6	3641V-05-B01 (10-15)	SPLP East	Solid	6010D	822485
500-270096-7	3641V-05-B02 (0-5)	SPLP East	Solid	6010D	822485
500-270096-8	3641V-05-B02 (0-5)D	SPLP East	Solid	6010D	822485
500-270096-9	3641V-05-B02 (5-10)	SPLP East	Solid	6010D	822485
500-270096-10	3641V-05-B03 (0-5)	SPLP East	Solid	6010D	822485
500-270096-11	3641V-05-B03 (5-10)	SPLP East	Solid	6010D	822485
500-270096-12	3641V-05-B04 (0-2)	SPLP East	Solid	6010D	822485
500-270096-13	3641V-09-B01 (0-2)	SPLP East	Solid	6010D	822485

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Metals (Continued)

Analysis Batch: 822772 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-14	3641V-10-B01 (0-2)	SPLP East	Solid	6010D	822485
LB 500-822251/1-B	Method Blank	SPLP East	Solid	6010D	822485
LCS 500-822485/2-A	Lab Control Sample	Total/NA	Solid	6010D	822485

Prep Batch: 822848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	3050B	
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	3050B	
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	3050B	
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	3050B	
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	3050B	
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	3050B	
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	3050B	
MB 500-822848/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-822848/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 822891

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	TCLP	Solid	7470A	822250
500-270096-2	3641V-01-B02 (7-13)	TCLP	Solid	7470A	822250
500-270096-3	3641V-01-B01 (0-3)	TCLP	Solid	7470A	822250
500-270096-4	3641V-05-B01 (0-5)	TCLP	Solid	7470A	822250
500-270096-5	3641V-05-B01 (5-10)	TCLP	Solid	7470A	822250
500-270096-6	3641V-05-B01 (10-15)	TCLP	Solid	7470A	822250
500-270096-7	3641V-05-B02 (0-5)	TCLP	Solid	7470A	822250
500-270096-8	3641V-05-B02 (0-5)D	TCLP	Solid	7470A	822250
500-270096-9	3641V-05-B02 (5-10)	TCLP	Solid	7470A	822250
500-270096-10	3641V-05-B03 (0-5)	TCLP	Solid	7470A	822250
500-270096-11	3641V-05-B03 (5-10)	TCLP	Solid	7470A	822250
500-270096-13	3641V-09-B01 (0-2)	TCLP	Solid	7470A	822250
500-270096-14	3641V-10-B01 (0-2)	TCLP	Solid	7470A	822250
LB 500-822250/1-C	Method Blank	TCLP	Solid	7470A	822250
MB 500-822891/12-A	Method Blank	Total/NA	Solid	7470A	
LCS 500-822891/14-A	Lab Control Sample	Total/NA	Solid	7470A	

Analysis Batch: 823048

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	TCLP	Solid	6010D	822509
500-270096-2	3641V-01-B02 (7-13)	TCLP	Solid	6010D	822509
500-270096-4	3641V-05-B01 (0-5)	TCLP	Solid	6010D	822509
500-270096-5	3641V-05-B01 (5-10)	TCLP	Solid	6010D	822509
500-270096-7	3641V-05-B02 (0-5)	TCLP	Solid	6010D	822509
LB 500-822412/1-B	Method Blank	SPLP East	Solid	6010D	822645
LCS 500-822645/2-A	Lab Control Sample	Total/NA	Solid	6010D	822645
500-270096-15 MS	3641V-08-B01 (0-2)	SPLP East	Solid	6010D	822645
500-270096-15 DU	3641V-08-B01 (0-2)	SPLP East	Solid	6010D	822645

Prep Batch: 823094

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	TCLP	Solid	7470A	822394
500-270096-16	3641V-06-B02 (0-2)	TCLP	Solid	7470A	822394

Eurofins Chicago

QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Metals (Continued)

Prep Batch: 823094 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-17	3641V-06-B01 (0-2)	TCLP	Solid	7470A	822394
500-270096-18	3641V-04-B02 (0-2)	TCLP	Solid	7470A	822394
500-270096-19	3641V-04-B01 (0-2)	TCLP	Solid	7470A	822394
LB 500-822394/1-C	Method Blank	TCLP	Solid	7470A	822394
MB 500-823094/12-A	Method Blank	Total/NA	Solid	7470A	
LCS 500-823094/14-A	Lab Control Sample	Total/NA	Solid	7470A	

Analysis Batch: 823110

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	TCLP	Solid	7470A	822891
500-270096-2	3641V-01-B02 (7-13)	TCLP	Solid	7470A	822891
500-270096-3	3641V-01-B01 (0-3)	TCLP	Solid	7470A	822891
500-270096-4	3641V-05-B01 (0-5)	TCLP	Solid	7470A	822891
500-270096-5	3641V-05-B01 (5-10)	TCLP	Solid	7470A	822891
500-270096-6	3641V-05-B01 (10-15)	TCLP	Solid	7470A	822891
500-270096-7	3641V-05-B02 (0-5)	TCLP	Solid	7470A	822891
500-270096-8	3641V-05-B02 (0-5)D	TCLP	Solid	7470A	822891
500-270096-9	3641V-05-B02 (5-10)	TCLP	Solid	7470A	822891
500-270096-10	3641V-05-B03 (0-5)	TCLP	Solid	7470A	822891
500-270096-11	3641V-05-B03 (5-10)	TCLP	Solid	7470A	822891
500-270096-13	3641V-09-B01 (0-2)	TCLP	Solid	7470A	822891
500-270096-14	3641V-10-B01 (0-2)	TCLP	Solid	7470A	822891
LB 500-822250/1-C	Method Blank	TCLP	Solid	7470A	822891
MB 500-822891/12-A	Method Blank	Total/NA	Solid	7470A	822891
LCS 500-822891/14-A	Lab Control Sample	Total/NA	Solid	7470A	822891

Analysis Batch: 823301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	TCLP	Solid	7470A	823094
500-270096-16	3641V-06-B02 (0-2)	TCLP	Solid	7470A	823094
500-270096-17	3641V-06-B01 (0-2)	TCLP	Solid	7470A	823094
500-270096-18	3641V-04-B02 (0-2)	TCLP	Solid	7470A	823094
500-270096-19	3641V-04-B01 (0-2)	TCLP	Solid	7470A	823094
LB 500-822394/1-C	Method Blank	TCLP	Solid	7470A	823094
MB 500-823094/12-A	Method Blank	Total/NA	Solid	7470A	823094
LCS 500-823094/14-A	Lab Control Sample	Total/NA	Solid	7470A	823094

Analysis Batch: 823349

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	TCLP	Solid	6020B	822509
500-270096-2	3641V-01-B02 (7-13)	TCLP	Solid	6020B	822509
500-270096-3	3641V-01-B01 (0-3)	TCLP	Solid	6020B	822509
500-270096-4	3641V-05-B01 (0-5)	TCLP	Solid	6020B	822509
500-270096-5	3641V-05-B01 (5-10)	TCLP	Solid	6020B	822509
500-270096-6	3641V-05-B01 (10-15)	TCLP	Solid	6020B	822509
500-270096-7	3641V-05-B02 (0-5)	TCLP	Solid	6020B	822509
500-270096-8	3641V-05-B02 (0-5)D	TCLP	Solid	6020B	822509
500-270096-9	3641V-05-B02 (5-10)	TCLP	Solid	6020B	822509
500-270096-10	3641V-05-B03 (0-5)	TCLP	Solid	6020B	822509
500-270096-11	3641V-05-B03 (5-10)	TCLP	Solid	6020B	822509
500-270096-12	3641V-05-B04 (0-2)	TCLP	Solid	6020B	822509

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Metals (Continued)

Analysis Batch: 823349 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-13	3641V-09-B01 (0-2)	TCLP	Solid	6020B	822509
500-270096-14	3641V-10-B01 (0-2)	TCLP	Solid	6020B	822509
500-270096-15	3641V-08-B01 (0-2)	TCLP	Solid	6020B	822646
500-270096-16	3641V-06-B02 (0-2)	TCLP	Solid	6020B	822646
500-270096-17	3641V-06-B01 (0-2)	TCLP	Solid	6020B	822646
500-270096-18	3641V-04-B02 (0-2)	TCLP	Solid	6020B	822646
500-270096-19	3641V-04-B01 (0-2)	TCLP	Solid	6020B	822646
LB 500-822250/1-B	Method Blank	TCLP	Solid	6020B	822509
LB 500-822394/1-B	Method Blank	TCLP	Solid	6020B	822646
LCS 500-822509/2-A	Lab Control Sample	Total/NA	Solid	6020B	822509
LCS 500-822646/2-A	Lab Control Sample	Total/NA	Solid	6020B	822646

Analysis Batch: 823443

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	6010D	822696
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	6010D	822696
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	6010D	822696
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	6010D	822696
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	6010D	822696
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	6010D	822696
500-270096-15	3641V-08-B01 (0-2)	TCLP	Solid	6010D	822646
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	6010D	822696
500-270096-16	3641V-06-B02 (0-2)	TCLP	Solid	6010D	822646
500-270096-17	3641V-06-B01 (0-2)	TCLP	Solid	6010D	822646
500-270096-18	3641V-04-B02 (0-2)	TCLP	Solid	6010D	822646
500-270096-19	3641V-04-B01 (0-2)	TCLP	Solid	6010D	822646
LB 500-822394/1-B	Method Blank	TCLP	Solid	6010D	822646
MB 500-822696/1-A	Method Blank	Total/NA	Solid	6010D	822696
LCS 500-822646/2-A	Lab Control Sample	Total/NA	Solid	6010D	822646
LCS 500-822696/2-A	Lab Control Sample	Total/NA	Solid	6010D	822696

Prep Batch: 823485

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-12	3641V-05-B04 (0-2)	TCLP	Solid	7470A	822250
LB 500-822250/1-D	Method Blank	TCLP	Solid	7470A	822250
MB 500-823485/12-A	Method Blank	Total/NA	Solid	7470A	
LCS 500-823485/14-A	Lab Control Sample	Total/NA	Solid	7470A	

Analysis Batch: 823557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	TCLP	Solid	6010D	822646
500-270096-16	3641V-06-B02 (0-2)	TCLP	Solid	6010D	822646
500-270096-17	3641V-06-B01 (0-2)	TCLP	Solid	6010D	822646
500-270096-18	3641V-04-B02 (0-2)	TCLP	Solid	6010D	822646
500-270096-19	3641V-04-B01 (0-2)	TCLP	Solid	6010D	822646
LB 500-822394/1-B	Method Blank	TCLP	Solid	6010D	822646
LCS 500-822646/2-A	Lab Control Sample	Total/NA	Solid	6010D	822646

Prep Batch: 823672

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	7471B	

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Client: WSP USA Inc
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Job ID: 500-270096-1

Metals (Continued)

Prep Batch: 823672 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	7471B	
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	7471B	
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	7471B	
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	7471B	
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	7471B	
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	7471B	
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	7471B	
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	7471B	
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	7471B	
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	7471B	
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	7471B	
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	7471B	
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	7471B	
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	7471B	
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	7471B	
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	7471B	
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	7471B	
MB 500-823672/12-A	Method Blank	Total/NA	Solid	7471B	
LCS 500-823672/13-A	Lab Control Sample	Total/NA	Solid	7471B	
500-270096-9 MS	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	
500-270096-9 MSD	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	
500-270096-9 DU	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	

Analysis Batch: 823684

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-12	3641V-05-B04 (0-2)	TCLP	Solid	7470A	823485
LB 500-822250/1-D	Method Blank	TCLP	Solid	7470A	823485
MB 500-823485/12-A	Method Blank	Total/NA	Solid	7470A	823485
LCS 500-823485/14-A	Lab Control Sample	Total/NA	Solid	7470A	823485

Analysis Batch: 823757

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	6010D	822696
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	6010D	822696
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	6010D	822696
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	6010D	822696
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	6010D	822696
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	6010D	822696
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	6010D	822696
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	6010D	822696
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	6010D	822696
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	6010D	822696
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	6010D	822696
MB 500-822696/1-A	Method Blank	Total/NA	Solid	6010D	822696
LCS 500-822696/2-A	Lab Control Sample	Total/NA	Solid	6010D	822696

Analysis Batch: 823767

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	6010D	822696
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	6010D	822696

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QC Association Summary

Client: WSP USA Inc

Job ID: 500-270096-1

Metals (Continued)

Analysis Batch: 823767 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	6010D	822696
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	6010D	822696
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	6010D	822696
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	6010D	822696
MB 500-822696/1-A	Method Blank	Total/NA	Solid	6010D	822696
LCS 500-822696/2-A	Lab Control Sample	Total/NA	Solid	6010D	822696

Analysis Batch: 823785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	6010D	822697
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	6010D	822848
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	6010D	822848
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	6010D	822848
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	6010D	822848
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	6010D	822848
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	6010D	822848
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	6010D	822848
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	6010D	822697
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	6010D	822697
MB 500-822697/1-A	Method Blank	Total/NA	Solid	6010D	822697
LCS 500-822697/2-A	Lab Control Sample	Total/NA	Solid	6010D	822697
500-270096-16 MS	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16 MSD	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16 DU	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697

Analysis Batch: 823885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	7471B	823672
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	7471B	823672
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	7471B	823672
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	7471B	823672
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	7471B	823672
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	7471B	823672
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	7471B	823672
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	7471B	823672
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	823672
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	7471B	823672
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	7471B	823672
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	7471B	823672
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	7471B	823672
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	7471B	823672
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	7471B	823672
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	7471B	823672
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	7471B	823672
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	7471B	823672
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	7471B	823672
MB 500-823672/12-A	Method Blank	Total/NA	Solid	7471B	823672
LCS 500-823672/13-A	Lab Control Sample	Total/NA	Solid	7471B	823672
500-270096-9 MS	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	823672

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QC Association Summary

Client: WSP USA Inc

Job ID: 500-270096-1

Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Metals (Continued)

Analysis Batch: 823885 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-9 MSD	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	823672
500-270096-9 DU	3641V-05-B02 (5-10)	Total/NA	Solid	7471B	823672

Analysis Batch: 823996

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	6010D	822697
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	6010D	822697
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	6010D	822848
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	6010D	822848
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	6010D	822848
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	6010D	822848
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	6010D	822848
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	6010D	822848
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	6010D	822848
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	6010D	822848
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	6010D	822848
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	6010D	822848
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	6010D	822848
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	6010D	822848
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	6010D	822697
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	6010D	822697
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	6010D	822697
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	6010D	822697
MB 500-822697/1-A	Method Blank	Total/NA	Solid	6010D	822697
MB 500-822848/1-A	Method Blank	Total/NA	Solid	6010D	822848
LCS 500-822697/2-A	Lab Control Sample	Total/NA	Solid	6010D	822697
LCS 500-822848/2-A	Lab Control Sample	Total/NA	Solid	6010D	822848
500-270096-16 MS	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16 MS	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16 MSD	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16 MSD	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16 DU	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697
500-270096-16 DU	3641V-06-B02 (0-2)	Total/NA	Solid	6010D	822697

Analysis Batch: 823997

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	SPLP East	Solid	6010D	822645
500-270096-16	3641V-06-B02 (0-2)	SPLP East	Solid	6010D	822645
500-270096-17	3641V-06-B01 (0-2)	SPLP East	Solid	6010D	822645
500-270096-18	3641V-04-B02 (0-2)	SPLP East	Solid	6010D	822645
500-270096-19	3641V-04-B01 (0-2)	SPLP East	Solid	6010D	822645
LB 500-822412/1-B	Method Blank	SPLP East	Solid	6010D	822645
LCS 500-822645/2-A	Lab Control Sample	Total/NA	Solid	6010D	822645
500-270096-15 MS	3641V-08-B01 (0-2)	SPLP East	Solid	6010D	822645
500-270096-15 DU	3641V-08-B01 (0-2)	SPLP East	Solid	6010D	822645

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Metals

Analysis Batch: 824132

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	6010D	822848
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	6010D	822848

Analysis Batch: 824227

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	6010D	822696

General Chemistry

Analysis Batch: 822216

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	Moisture	
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	Moisture	
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	Moisture	
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	Moisture	
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	Moisture	
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	Moisture	
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	Moisture	
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	Moisture	
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	Moisture	
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	Moisture	
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	Moisture	
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	Moisture	
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	Moisture	
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	Moisture	
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	Moisture	
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	Moisture	
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	Moisture	

Analysis Batch: 822310

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	Moisture	
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	Moisture	
500-270096-13 DU	3641V-09-B01 (0-2)	Total/NA	Solid	Moisture	

Prep Batch: 822449

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	9010C	
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	9010C	
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	9010C	
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	9010C	
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	9010C	
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	9010C	
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	9010C	
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	9010C	
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	9010C	
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	9010C	
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	9010C	
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	9010C	
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	9010C	
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	9010C	

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

General Chemistry (Continued)

Prep Batch: 822449 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	9010C	
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	9010C	
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	9010C	
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	9010C	
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	9010C	
MB 500-822449/1-A	Method Blank	Total/NA	Solid	9010C	
LCS 500-822449/2-A	Lab Control Sample	Total/NA	Solid	9010C	
500-270096-1 MS	3641V-01-B02 (0-7)	Total/NA	Solid	9010C	
500-270096-1 MSD	3641V-01-B02 (0-7)	Total/NA	Solid	9010C	
500-270096-15 MS	3641V-08-B01 (0-2)	Total/NA	Solid	9010C	
500-270096-15 MSD	3641V-08-B01 (0-2)	Total/NA	Solid	9010C	

Analysis Batch: 822679

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	9045D	
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	9045D	
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	9045D	
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	9045D	
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	9045D	
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	9045D	
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	9045D	
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	9045D	
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	9045D	
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	9045D	
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	9045D	
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	9045D	
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	9045D	
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	9045D	
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	9045D	
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	9045D	
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	9045D	
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	9045D	
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	9045D	
LCS 500-822679/2	Lab Control Sample	Total/NA	Solid	9045D	
LCSD 500-822679/3	Lab Control Sample Dup	Total/NA	Solid	9045D	
500-270096-14 DU	3641V-10-B01 (0-2)	Total/NA	Solid	9045D	

Analysis Batch: 822763

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-1	3641V-01-B02 (0-7)	Total/NA	Solid	9012B	822449
500-270096-2	3641V-01-B02 (7-13)	Total/NA	Solid	9012B	822449
500-270096-3	3641V-01-B01 (0-3)	Total/NA	Solid	9012B	822449
500-270096-4	3641V-05-B01 (0-5)	Total/NA	Solid	9012B	822449
500-270096-5	3641V-05-B01 (5-10)	Total/NA	Solid	9012B	822449
500-270096-6	3641V-05-B01 (10-15)	Total/NA	Solid	9012B	822449
500-270096-7	3641V-05-B02 (0-5)	Total/NA	Solid	9012B	822449
500-270096-8	3641V-05-B02 (0-5)D	Total/NA	Solid	9012B	822449
500-270096-9	3641V-05-B02 (5-10)	Total/NA	Solid	9012B	822449
500-270096-10	3641V-05-B03 (0-5)	Total/NA	Solid	9012B	822449
500-270096-11	3641V-05-B03 (5-10)	Total/NA	Solid	9012B	822449
500-270096-12	3641V-05-B04 (0-2)	Total/NA	Solid	9012B	822449

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QC Association Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

General Chemistry (Continued)

Analysis Batch: 822763 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-270096-13	3641V-09-B01 (0-2)	Total/NA	Solid	9012B	822449
500-270096-14	3641V-10-B01 (0-2)	Total/NA	Solid	9012B	822449
500-270096-15	3641V-08-B01 (0-2)	Total/NA	Solid	9012B	822449
500-270096-16	3641V-06-B02 (0-2)	Total/NA	Solid	9012B	822449
500-270096-17	3641V-06-B01 (0-2)	Total/NA	Solid	9012B	822449
500-270096-18	3641V-04-B02 (0-2)	Total/NA	Solid	9012B	822449
500-270096-19	3641V-04-B01 (0-2)	Total/NA	Solid	9012B	822449
MB 500-822449/1-A	Method Blank	Total/NA	Solid	9012B	822449
LCS 500-822449/2-A	Lab Control Sample	Total/NA	Solid	9012B	822449
500-270096-1 MS	3641V-01-B02 (0-7)	Total/NA	Solid	9012B	822449
500-270096-1 MSD	3641V-01-B02 (0-7)	Total/NA	Solid	9012B	822449
500-270096-15 MS	3641V-08-B01 (0-2)	Total/NA	Solid	9012B	822449
500-270096-15 MSD	3641V-08-B01 (0-2)	Total/NA	Solid	9012B	822449

Analysis Batch: 822833

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-822833/2	Lab Control Sample	Total/NA	Solid	9045D	
LCSD 500-822833/3	Lab Control Sample Dup	Total/NA	Solid	9045D	
500-270096-14 DU	3641V-10-B01 (0-2)	Total/NA	Solid	9045D	

Surrogate Summary

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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)
500-270096-1	3641V-01-B02 (0-7)	103	103	107	99
500-270096-2	3641V-01-B02 (7-13)	104	103	102	102
500-270096-3	3641V-01-B01 (0-3)	107	102	105	105
500-270096-4	3641V-05-B01 (0-5)	108	106	103	105
500-270096-5	3641V-05-B01 (5-10)	128 *3	108	107	111
500-270096-6	3641V-05-B01 (10-15)	129 *3	107	99	126 S1+ *3
500-270096-7	3641V-05-B02 (0-5)	113 *3	106	110	105
500-270096-8	3641V-05-B02 (0-5)D	120 *3	108	111	106
500-270096-9	3641V-05-B02 (5-10)	127	98	93	111
500-270096-10	3641V-05-B03 (0-5)	141 S1+ *3	108	109	128 S1+ *3
500-270096-11	3641V-05-B03 (5-10)	143 S1+ *3	105	100	135 S1+ *3
500-270096-12	3641V-05-B04 (0-2)	141 S1+ *3	114	115	129 S1+ *3
500-270096-13	3641V-09-B01 (0-2)	131 *3	103	107	118
500-270096-14	3641V-10-B01 (0-2)	114	101	102	107
500-270096-15	3641V-08-B01 (0-2)	153 S1+	99	98	118
500-270096-16	3641V-06-B02 (0-2)	114	98	102	106
500-270096-17	3641V-06-B01 (0-2)	113	95	99	107
500-270096-18	3641V-04-B02 (0-2)	119	98	98	107
500-270096-19	3641V-04-B01 (0-2)	115	97	99	108
LCS 500-823222/7	Lab Control Sample	98	99	98	98
LCS 500-823459/2	Lab Control Sample	111	95	89	107
LCS 500-823604/4	Lab Control Sample	114	95	92	106
LCS 500-823845/6	Lab Control Sample	98	98	99	102
LCSD 500-823222/8	Lab Control Sample Dup	99	98	96	101
LCSD 500-823459/3	Lab Control Sample Dup	113	96	90	108
LCSD 500-823604/5	Lab Control Sample Dup	114	95	90	108
LCSD 500-823845/9	Lab Control Sample Dup	102	99	101	107
MB 500-823222/5	Method Blank	100	107	107	99
MB 500-823459/6	Method Blank	113	95	90	107
MB 500-823604/7	Method Blank	114	93	92	106
MB 500-823845/8	Method Blank	100	100	100	103

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)
500-270096-1	3641V-01-B02 (0-7)	76	80	89	82	75	91
500-270096-2	3641V-01-B02 (7-13)	78	80	86	77	72	77
500-270096-3	3641V-01-B01 (0-3)	74	77	88	78	73	88

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Surrogate Summary

Client: WSP USA Inc

Job ID: 500-270096-1

Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

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)
500-270096-4	3641V-05-B01 (0-5)	64	63	65	67	64	82
500-270096-5	3641V-05-B01 (5-10)	80	85	95	82	81	99
500-270096-6	3641V-05-B01 (10-15)	76	77	88	79	71	98
500-270096-7	3641V-05-B02 (0-5)	79	84	93	84	84	97
500-270096-8	3641V-05-B02 (0-5)D	79	84	91	82	81	98
500-270096-9	3641V-05-B02 (5-10)	81	85	97	86	54	86
500-270096-10	3641V-05-B03 (0-5)	79	86	94	88	85	97
500-270096-11	3641V-05-B03 (5-10)	66	71	78	69	55	85
500-270096-12	3641V-05-B04 (0-2)	74	80	88	82	80	93
500-270096-13	3641V-09-B01 (0-2)	80	84	94	84	79	94
500-270096-14	3641V-10-B01 (0-2)	91	94	108	95	87	102
500-270096-15	3641V-08-B01 (0-2)	81	85	96	87	75	96
500-270096-16	3641V-06-B02 (0-2)	83	88	99	90	87	98
500-270096-17	3641V-06-B01 (0-2)	82	86	94	88	84	95
500-270096-18	3641V-04-B02 (0-2)	68	77	82	78	86	98
500-270096-19	3641V-04-B01 (0-2)	68	74	79	73	85	101
LCS 500-823218/2-A	Lab Control Sample	79	80	94	83	91	95
LCS 500-823337/2-A	Lab Control Sample	76	75	76	84	83	91
MB 500-823218/1-A	Method Blank	86	89	101	86	86	96
MB 500-823337/1-A	Method Blank	83	80	80	86	76	100

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-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-823222/5

Matrix: Solid

Analysis Batch: 823222

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			06/25/25 09:32	1
Benzene	<0.0020		0.0020	0.00063	mg/Kg			06/25/25 09:32	1
Bromodichloromethane	<0.0020		0.0020	0.00064	mg/Kg			06/25/25 09:32	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg			06/25/25 09:32	1
Bromomethane	<0.0050		0.0050	0.0025	mg/Kg			06/25/25 09:32	1
2-Butanone (MEK)	<0.0050		0.0050	0.0022	mg/Kg			06/25/25 09:32	1
Carbon disulfide	<0.0050		0.0050	0.00092	mg/Kg			06/25/25 09:32	1
Carbon tetrachloride	<0.0020		0.0020	0.00068	mg/Kg			06/25/25 09:32	1
Chlorobenzene	<0.0020		0.0020	0.00084	mg/Kg			06/25/25 09:32	1
Chloroethane	<0.0050		0.0050	0.0016	mg/Kg			06/25/25 09:32	1
Chloroform	<0.0020		0.0020	0.0014	mg/Kg			06/25/25 09:32	1
Chloromethane	<0.0050		0.0050	0.00097	mg/Kg			06/25/25 09:32	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00081	mg/Kg			06/25/25 09:32	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00080	mg/Kg			06/25/25 09:32	1
Dibromochloromethane	<0.0020		0.0020	0.00093	mg/Kg			06/25/25 09:32	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0035	mg/Kg			06/25/25 09:32	1
1,1-Dichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/25/25 09:32	1
1,2-Dichloroethane	<0.0050		0.0050	0.0013	mg/Kg			06/25/25 09:32	1
1,1-Dichloroethene	<0.0020		0.0020	0.00082	mg/Kg			06/25/25 09:32	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg			06/25/25 09:32	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00096	mg/Kg			06/25/25 09:32	1
Ethylbenzene	<0.0020		0.0020	0.0011	mg/Kg			06/25/25 09:32	1
2-Hexanone	<0.0050		0.0050	0.0030	mg/Kg			06/25/25 09:32	1
Methylene Chloride	<0.0050		0.0050	0.0021	mg/Kg			06/25/25 09:32	1
4-Methyl-2-pentanone (MIBK)	<0.0050		0.0050	0.0036	mg/Kg			06/25/25 09:32	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00065	mg/Kg			06/25/25 09:32	1
Styrene	<0.0020		0.0020	0.00090	mg/Kg			06/25/25 09:32	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00099	mg/Kg			06/25/25 09:32	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg			06/25/25 09:32	1
Toluene	<0.0020		0.0020	0.00040	mg/Kg			06/25/25 09:32	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00076	mg/Kg			06/25/25 09:32	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00096	mg/Kg			06/25/25 09:32	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00081	mg/Kg			06/25/25 09:32	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/25/25 09:32	1
Trichloroethene	<0.0020		0.0020	0.00054	mg/Kg			06/25/25 09:32	1
Vinyl acetate	<0.0050		0.0050	0.0012	mg/Kg			06/25/25 09:32	1
Vinyl chloride	<0.0020		0.0020	0.00082	mg/Kg			06/25/25 09:32	1
Xylenes, Total	<0.0040		0.0040	0.00069	mg/Kg			06/25/25 09:32	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		75 - 131		06/25/25 09:32	1
Dibromofluoromethane	107		75 - 126		06/25/25 09:32	1
1,2-Dichloroethane-d4 (Surr)	107		70 - 134		06/25/25 09:32	1
Toluene-d8 (Surr)	99		75 - 124		06/25/25 09:32	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823222/7

Matrix: Solid

Analysis Batch: 823222

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	0.0428		mg/Kg		86	40 - 150
Benzene	0.0500	0.0483		mg/Kg		97	70 - 125
Bromodichloromethane	0.0500	0.0487		mg/Kg		97	67 - 129
Bromoform	0.0500	0.0454		mg/Kg		91	68 - 136
Bromomethane	0.0500	0.0347	*-	mg/Kg		69	70 - 130
2-Butanone (MEK)	0.0500	0.0411		mg/Kg		82	47 - 138
Carbon disulfide	0.0500	0.0557		mg/Kg		111	70 - 129
Carbon tetrachloride	0.0500	0.0523		mg/Kg		105	75 - 125
Chlorobenzene	0.0500	0.0465		mg/Kg		93	50 - 150
Chloroethane	0.0500	0.0470		mg/Kg		94	75 - 125
Chloroform	0.0500	0.0463		mg/Kg		93	57 - 135
Chloromethane	0.0500	0.0518		mg/Kg		104	70 - 125
cis-1,2-Dichloroethene	0.0500	0.0484		mg/Kg		97	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0484		mg/Kg		97	70 - 125
Dibromochloromethane	0.0500	0.0420		mg/Kg		84	69 - 125
1,2-Dibromo-3-Chloropropane	0.0500	0.0449		mg/Kg		90	60 - 136
1,1-Dichloroethane	0.0500	0.0488		mg/Kg		98	70 - 125
1,2-Dichloroethane	0.0500	0.0466		mg/Kg		93	70 - 130
1,1-Dichloroethene	0.0500	0.0524		mg/Kg		105	70 - 120
1,2-Dichloropropane	0.0500	0.0465		mg/Kg		93	70 - 125
Ethylbenzene	0.0500	0.0473		mg/Kg		95	61 - 136
2-Hexanone	0.0500	0.0394		mg/Kg		79	48 - 146
Methylene Chloride	0.0500	0.0456		mg/Kg		91	70 - 126
4-Methyl-2-pentanone (MIBK)	0.0500	0.0400		mg/Kg		80	50 - 148
Methyl tert-butyl ether	0.0500	0.0472		mg/Kg		94	50 - 140
Styrene	0.0500	0.0479		mg/Kg		96	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0456		mg/Kg		91	70 - 122
Tetrachloroethene	0.0500	0.0494		mg/Kg		99	70 - 124
Toluene	0.0500	0.0472		mg/Kg		94	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0502		mg/Kg		100	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0486		mg/Kg		97	70 - 125
1,1,1-Trichloroethane	0.0500	0.0495		mg/Kg		99	70 - 128
1,1,2-Trichloroethane	0.0500	0.0467		mg/Kg		93	70 - 125
Trichloroethene	0.0500	0.0499		mg/Kg		100	70 - 125
Vinyl acetate	0.0500	0.0506		mg/Kg		101	40 - 153
Vinyl chloride	0.0500	0.0582		mg/Kg		116	70 - 125
Xylenes, Total	0.100	0.0917		mg/Kg		92	53 - 147

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	98		75 - 131
Dibromofluoromethane	99		75 - 126
1,2-Dichloroethane-d4 (Surr)	98		70 - 134
Toluene-d8 (Surr)	98		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCSD 500-823222/8

Matrix: Solid

Analysis Batch: 823222

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	0.0438		mg/Kg		88	40 - 150	2	30
Benzene	0.0500	0.0493		mg/Kg		99	70 - 125	2	30
Bromodichloromethane	0.0500	0.0502		mg/Kg		100	67 - 129	3	30
Bromoform	0.0500	0.0507		mg/Kg		101	68 - 136	11	30
Bromomethane	0.0500	0.0348		mg/Kg		70	70 - 130	0	30
2-Butanone (MEK)	0.0500	0.0410		mg/Kg		82	47 - 138	0	30
Carbon disulfide	0.0500	0.0563		mg/Kg		113	70 - 129	1	30
Carbon tetrachloride	0.0500	0.0540		mg/Kg		108	75 - 125	3	30
Chlorobenzene	0.0500	0.0484		mg/Kg		97	50 - 150	4	30
Chloroethane	0.0500	0.0415		mg/Kg		83	75 - 125	12	30
Chloroform	0.0500	0.0475		mg/Kg		95	57 - 135	2	30
Chloromethane	0.0500	0.0515		mg/Kg		103	70 - 125	1	30
cis-1,2-Dichloroethene	0.0500	0.0503		mg/Kg		101	70 - 125	4	30
cis-1,3-Dichloropropene	0.0500	0.0512		mg/Kg		102	70 - 125	6	30
Dibromochloromethane	0.0500	0.0444		mg/Kg		89	69 - 125	6	30
1,2-Dibromo-3-Chloropropane	0.0500	0.0475		mg/Kg		95	60 - 136	6	30
1,1-Dichloroethane	0.0500	0.0493		mg/Kg		99	70 - 125	1	30
1,2-Dichloroethane	0.0500	0.0481		mg/Kg		96	70 - 130	3	30
1,1-Dichloroethene	0.0500	0.0522		mg/Kg		104	70 - 120	0	30
1,2-Dichloropropane	0.0500	0.0482		mg/Kg		96	70 - 125	3	30
Ethylbenzene	0.0500	0.0485		mg/Kg		97	61 - 136	2	30
2-Hexanone	0.0500	0.0421		mg/Kg		84	48 - 146	7	30
Methylene Chloride	0.0500	0.0451		mg/Kg		90	70 - 126	1	30
4-Methyl-2-pentanone (MIBK)	0.0500	0.0425		mg/Kg		85	50 - 148	6	30
Methyl tert-butyl ether	0.0500	0.0495		mg/Kg		99	50 - 140	5	30
Styrene	0.0500	0.0504		mg/Kg		101	70 - 125	5	30
1,1,2,2-Tetrachloroethane	0.0500	0.0481		mg/Kg		96	70 - 122	5	30
Tetrachloroethene	0.0500	0.0519		mg/Kg		104	70 - 124	5	30
Toluene	0.0500	0.0490		mg/Kg		98	70 - 125	4	30
trans-1,2-Dichloroethene	0.0500	0.0504		mg/Kg		101	70 - 125	0	30
trans-1,3-Dichloropropene	0.0500	0.0524		mg/Kg		105	70 - 125	7	30
1,1,1-Trichloroethane	0.0500	0.0506		mg/Kg		101	70 - 128	2	30
1,1,2-Trichloroethane	0.0500	0.0503		mg/Kg		101	70 - 125	7	30
Trichloroethene	0.0500	0.0516		mg/Kg		103	70 - 125	3	30
Vinyl acetate	0.0500	0.0545		mg/Kg		109	40 - 153	7	30
Vinyl chloride	0.0500	0.0587		mg/Kg		117	70 - 125	1	30
Xylenes, Total	0.100	0.0949		mg/Kg		95	53 - 147	3	30

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	99		75 - 131
Dibromofluoromethane	98		75 - 126
1,2-Dichloroethane-d4 (Surr)	96		70 - 134
Toluene-d8 (Surr)	101		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-823459/6

Matrix: Solid

Analysis Batch: 823459

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			06/26/25 12:15	1
Benzene	<0.0020		0.0020	0.00063	mg/Kg			06/26/25 12:15	1
Bromodichloromethane	<0.0020		0.0020	0.00064	mg/Kg			06/26/25 12:15	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg			06/26/25 12:15	1
Bromomethane	<0.0050		0.0050	0.0025	mg/Kg			06/26/25 12:15	1
2-Butanone (MEK)	<0.0050		0.0050	0.0022	mg/Kg			06/26/25 12:15	1
Carbon disulfide	<0.0050		0.0050	0.00092	mg/Kg			06/26/25 12:15	1
Carbon tetrachloride	<0.0020		0.0020	0.00068	mg/Kg			06/26/25 12:15	1
Chlorobenzene	<0.0020		0.0020	0.00084	mg/Kg			06/26/25 12:15	1
Chloroethane	<0.0050		0.0050	0.0016	mg/Kg			06/26/25 12:15	1
Chloroform	<0.0020		0.0020	0.0014	mg/Kg			06/26/25 12:15	1
Chloromethane	<0.0050		0.0050	0.00097	mg/Kg			06/26/25 12:15	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00081	mg/Kg			06/26/25 12:15	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00080	mg/Kg			06/26/25 12:15	1
Dibromochloromethane	<0.0020		0.0020	0.00093	mg/Kg			06/26/25 12:15	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0035	mg/Kg			06/26/25 12:15	1
1,1-Dichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/26/25 12:15	1
1,2-Dichloroethane	<0.0050		0.0050	0.0013	mg/Kg			06/26/25 12:15	1
1,1-Dichloroethene	<0.0020		0.0020	0.00082	mg/Kg			06/26/25 12:15	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg			06/26/25 12:15	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00096	mg/Kg			06/26/25 12:15	1
Ethylbenzene	<0.0020		0.0020	0.0011	mg/Kg			06/26/25 12:15	1
2-Hexanone	<0.0050		0.0050	0.0030	mg/Kg			06/26/25 12:15	1
Methylene Chloride	<0.0050		0.0050	0.0021	mg/Kg			06/26/25 12:15	1
4-Methyl-2-pentanone (MIBK)	<0.0050		0.0050	0.0036	mg/Kg			06/26/25 12:15	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00065	mg/Kg			06/26/25 12:15	1
Styrene	<0.0020		0.0020	0.00090	mg/Kg			06/26/25 12:15	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00099	mg/Kg			06/26/25 12:15	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg			06/26/25 12:15	1
Toluene	<0.0020		0.0020	0.00040	mg/Kg			06/26/25 12:15	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00076	mg/Kg			06/26/25 12:15	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00096	mg/Kg			06/26/25 12:15	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00081	mg/Kg			06/26/25 12:15	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/26/25 12:15	1
Trichloroethene	<0.0020		0.0020	0.00054	mg/Kg			06/26/25 12:15	1
Vinyl acetate	<0.0050		0.0050	0.0012	mg/Kg			06/26/25 12:15	1
Vinyl chloride	<0.0020		0.0020	0.00082	mg/Kg			06/26/25 12:15	1
Xylenes, Total	<0.0040		0.0040	0.00069	mg/Kg			06/26/25 12:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		75 - 131		06/26/25 12:15	1
Dibromofluoromethane	95		75 - 126		06/26/25 12:15	1
1,2-Dichloroethane-d4 (Surr)	90		70 - 134		06/26/25 12:15	1
Toluene-d8 (Surr)	107		75 - 124		06/26/25 12:15	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823459/2

Matrix: Solid

Analysis Batch: 823459

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	0.0355		mg/Kg		71	40 - 150
Benzene	0.0500	0.0591		mg/Kg		118	70 - 125
Bromodichloromethane	0.0500	0.0538		mg/Kg		108	67 - 129
Bromoform	0.0500	0.0491		mg/Kg		98	68 - 136
Bromomethane	0.0500	0.0422		mg/Kg		84	70 - 130
2-Butanone (MEK)	0.0500	0.0392		mg/Kg		78	47 - 138
Carbon disulfide	0.0500	0.0529		mg/Kg		106	70 - 129
Carbon tetrachloride	0.0500	0.0541		mg/Kg		108	75 - 125
Chlorobenzene	0.0500	0.0593		mg/Kg		119	50 - 150
Chloroethane	0.0500	0.0433		mg/Kg		87	75 - 125
Chloroform	0.0500	0.0563		mg/Kg		113	57 - 135
Chloromethane	0.0500	0.0344	*-	mg/Kg		69	70 - 125
cis-1,2-Dichloroethene	0.0500	0.0590		mg/Kg		118	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0600		mg/Kg		120	70 - 125
Dibromochloromethane	0.0500	0.0532		mg/Kg		106	69 - 125
1,2-Dibromo-3-Chloropropane	0.0500	0.0577		mg/Kg		115	60 - 136
1,1-Dichloroethane	0.0500	0.0546		mg/Kg		109	70 - 125
1,2-Dichloroethane	0.0500	0.0520		mg/Kg		104	70 - 130
1,1-Dichloroethene	0.0500	0.0524		mg/Kg		105	70 - 120
1,2-Dichloropropane	0.0500	0.0556		mg/Kg		111	70 - 125
Ethylbenzene	0.0500	0.0579		mg/Kg		116	61 - 136
2-Hexanone	0.0500	0.0410		mg/Kg		82	48 - 146
Methylene Chloride	0.0500	0.0496		mg/Kg		99	70 - 126
4-Methyl-2-pentanone (MIBK)	0.0500	0.0421		mg/Kg		84	50 - 148
Methyl tert-butyl ether	0.0500	0.0563		mg/Kg		113	50 - 140
Styrene	0.0500	0.0571		mg/Kg		114	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0597		mg/Kg		119	70 - 122
Tetrachloroethene	0.0500	0.0557		mg/Kg		111	70 - 124
Toluene	0.0500	0.0607		mg/Kg		121	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0597		mg/Kg		119	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0565		mg/Kg		113	70 - 125
1,1,1-Trichloroethane	0.0500	0.0543		mg/Kg		109	70 - 128
1,1,2-Trichloroethane	0.0500	0.0580		mg/Kg		116	70 - 125
Trichloroethene	0.0500	0.0585		mg/Kg		117	70 - 125
Vinyl acetate	0.0500	0.0441		mg/Kg		88	40 - 153
Vinyl chloride	0.0500	0.0435		mg/Kg		87	70 - 125
Xylenes, Total	0.100	0.116		mg/Kg		116	53 - 147

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		75 - 131
Dibromofluoromethane	95		75 - 126
1,2-Dichloroethane-d4 (Surr)	89		70 - 134
Toluene-d8 (Surr)	107		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCSD 500-823459/3

Matrix: Solid

Analysis Batch: 823459

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	0.0330		mg/Kg		66	40 - 150	7	30
Benzene	0.0500	0.0503		mg/Kg		101	70 - 125	16	30
Bromodichloromethane	0.0500	0.0467		mg/Kg		93	67 - 129	14	30
Bromoform	0.0500	0.0429		mg/Kg		86	68 - 136	13	30
Bromomethane	0.0500	0.0420		mg/Kg		84	70 - 130	0	30
2-Butanone (MEK)	0.0500	0.0374		mg/Kg		75	47 - 138	5	30
Carbon disulfide	0.0500	0.0460		mg/Kg		92	70 - 129	14	30
Carbon tetrachloride	0.0500	0.0461		mg/Kg		92	75 - 125	16	30
Chlorobenzene	0.0500	0.0511		mg/Kg		102	50 - 150	15	30
Chloroethane	0.0500	0.0449		mg/Kg		90	75 - 125	4	30
Chloroform	0.0500	0.0473		mg/Kg		95	57 - 135	17	30
Chloromethane	0.0500	0.0354		mg/Kg		71	70 - 125	3	30
cis-1,2-Dichloroethene	0.0500	0.0505		mg/Kg		101	70 - 125	16	30
cis-1,3-Dichloropropene	0.0500	0.0512		mg/Kg		102	70 - 125	16	30
Dibromochloromethane	0.0500	0.0474		mg/Kg		95	69 - 125	12	30
1,2-Dibromo-3-Chloropropane	0.0500	0.0517		mg/Kg		103	60 - 136	11	30
1,1-Dichloroethane	0.0500	0.0474		mg/Kg		95	70 - 125	14	30
1,2-Dichloroethane	0.0500	0.0457		mg/Kg		91	70 - 130	13	30
1,1-Dichloroethene	0.0500	0.0456		mg/Kg		91	70 - 120	14	30
1,2-Dichloropropane	0.0500	0.0487		mg/Kg		97	70 - 125	13	30
Ethylbenzene	0.0500	0.0500		mg/Kg		100	61 - 136	14	30
2-Hexanone	0.0500	0.0372		mg/Kg		74	48 - 146	10	30
Methylene Chloride	0.0500	0.0426		mg/Kg		85	70 - 126	15	30
4-Methyl-2-pentanone (MIBK)	0.0500	0.0376		mg/Kg		75	50 - 148	11	30
Methyl tert-butyl ether	0.0500	0.0503		mg/Kg		101	50 - 140	11	30
Styrene	0.0500	0.0493		mg/Kg		99	70 - 125	15	30
1,1,2,2-Tetrachloroethane	0.0500	0.0537		mg/Kg		107	70 - 122	11	30
Tetrachloroethene	0.0500	0.0482		mg/Kg		96	70 - 124	14	30
Toluene	0.0500	0.0521		mg/Kg		104	70 - 125	15	30
trans-1,2-Dichloroethene	0.0500	0.0511		mg/Kg		102	70 - 125	15	30
trans-1,3-Dichloropropene	0.0500	0.0503		mg/Kg		101	70 - 125	12	30
1,1,1-Trichloroethane	0.0500	0.0470		mg/Kg		94	70 - 128	14	30
1,1,2-Trichloroethane	0.0500	0.0523		mg/Kg		105	70 - 125	10	30
Trichloroethene	0.0500	0.0493		mg/Kg		99	70 - 125	17	30
Vinyl acetate	0.0500	0.0390		mg/Kg		78	40 - 153	12	30
Vinyl chloride	0.0500	0.0440		mg/Kg		88	70 - 125	1	30
Xylenes, Total	0.100	0.100		mg/Kg		100	53 - 147	15	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		75 - 131
Dibromofluoromethane	96		75 - 126
1,2-Dichloroethane-d4 (Surr)	90		70 - 134
Toluene-d8 (Surr)	108		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-823604/7

Matrix: Solid

Analysis Batch: 823604

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			06/27/25 11:11	1
Benzene	<0.0020		0.0020	0.00063	mg/Kg			06/27/25 11:11	1
Bromodichloromethane	<0.0020		0.0020	0.00064	mg/Kg			06/27/25 11:11	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg			06/27/25 11:11	1
Bromomethane	<0.0050		0.0050	0.0025	mg/Kg			06/27/25 11:11	1
2-Butanone (MEK)	<0.0050		0.0050	0.0022	mg/Kg			06/27/25 11:11	1
Carbon disulfide	<0.0050		0.0050	0.00092	mg/Kg			06/27/25 11:11	1
Carbon tetrachloride	<0.0020		0.0020	0.00068	mg/Kg			06/27/25 11:11	1
Chlorobenzene	<0.0020		0.0020	0.00084	mg/Kg			06/27/25 11:11	1
Chloroethane	<0.0050		0.0050	0.0016	mg/Kg			06/27/25 11:11	1
Chloroform	<0.0020		0.0020	0.0014	mg/Kg			06/27/25 11:11	1
Chloromethane	<0.0050		0.0050	0.00097	mg/Kg			06/27/25 11:11	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00081	mg/Kg			06/27/25 11:11	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00080	mg/Kg			06/27/25 11:11	1
Dibromochloromethane	<0.0020		0.0020	0.00093	mg/Kg			06/27/25 11:11	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0035	mg/Kg			06/27/25 11:11	1
1,1-Dichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/27/25 11:11	1
1,2-Dichloroethane	<0.0050		0.0050	0.0013	mg/Kg			06/27/25 11:11	1
1,1-Dichloroethene	<0.0020		0.0020	0.00082	mg/Kg			06/27/25 11:11	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg			06/27/25 11:11	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00096	mg/Kg			06/27/25 11:11	1
Ethylbenzene	<0.0020		0.0020	0.0011	mg/Kg			06/27/25 11:11	1
2-Hexanone	<0.0050		0.0050	0.0030	mg/Kg			06/27/25 11:11	1
Methylene Chloride	<0.0050		0.0050	0.0021	mg/Kg			06/27/25 11:11	1
4-Methyl-2-pentanone (MIBK)	<0.0050		0.0050	0.0036	mg/Kg			06/27/25 11:11	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00065	mg/Kg			06/27/25 11:11	1
Styrene	<0.0020		0.0020	0.00090	mg/Kg			06/27/25 11:11	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00099	mg/Kg			06/27/25 11:11	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg			06/27/25 11:11	1
Toluene	<0.0020		0.0020	0.00040	mg/Kg			06/27/25 11:11	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00076	mg/Kg			06/27/25 11:11	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00096	mg/Kg			06/27/25 11:11	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00081	mg/Kg			06/27/25 11:11	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/27/25 11:11	1
Trichloroethene	<0.0020		0.0020	0.00054	mg/Kg			06/27/25 11:11	1
Vinyl acetate	<0.0050		0.0050	0.0012	mg/Kg			06/27/25 11:11	1
Vinyl chloride	<0.0020		0.0020	0.00082	mg/Kg			06/27/25 11:11	1
Xylenes, Total	<0.0040		0.0040	0.00069	mg/Kg			06/27/25 11:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		75 - 131		06/27/25 11:11	1
Dibromofluoromethane	93		75 - 126		06/27/25 11:11	1
1,2-Dichloroethane-d4 (Surr)	92		70 - 134		06/27/25 11:11	1
Toluene-d8 (Surr)	106		75 - 124		06/27/25 11:11	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823604/4

Matrix: Solid

Analysis Batch: 823604

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	0.0365		mg/Kg		73	40 - 150
Benzene	0.0500	0.0558		mg/Kg		112	70 - 125
Bromodichloromethane	0.0500	0.0507		mg/Kg		101	67 - 129
Bromoform	0.0500	0.0452		mg/Kg		90	68 - 136
Bromomethane	0.0500	0.0478		mg/Kg		96	70 - 130
2-Butanone (MEK)	0.0500	0.0402		mg/Kg		80	47 - 138
Carbon disulfide	0.0500	0.0503		mg/Kg		101	70 - 129
Carbon tetrachloride	0.0500	0.0513		mg/Kg		103	75 - 125
Chlorobenzene	0.0500	0.0550		mg/Kg		110	50 - 150
Chloroethane	0.0500	0.0481		mg/Kg		96	75 - 125
Chloroform	0.0500	0.0519		mg/Kg		104	57 - 135
Chloromethane	0.0500	0.0437		mg/Kg		87	70 - 125
cis-1,2-Dichloroethene	0.0500	0.0553		mg/Kg		111	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0543		mg/Kg		109	70 - 125
Dibromochloromethane	0.0500	0.0498		mg/Kg		100	69 - 125
1,2-Dibromo-3-Chloropropane	0.0500	0.0560		mg/Kg		112	60 - 136
1,1-Dichloroethane	0.0500	0.0519		mg/Kg		104	70 - 125
1,2-Dichloroethane	0.0500	0.0491		mg/Kg		98	70 - 130
1,1-Dichloroethene	0.0500	0.0501		mg/Kg		100	70 - 120
1,2-Dichloropropane	0.0500	0.0526		mg/Kg		105	70 - 125
Ethylbenzene	0.0500	0.0549		mg/Kg		110	61 - 136
2-Hexanone	0.0500	0.0373		mg/Kg		75	48 - 146
Methylene Chloride	0.0500	0.0491		mg/Kg		98	70 - 126
4-Methyl-2-pentanone (MIBK)	0.0500	0.0393		mg/Kg		79	50 - 148
Methyl tert-butyl ether	0.0500	0.0541		mg/Kg		108	50 - 140
Styrene	0.0500	0.0536		mg/Kg		107	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0551		mg/Kg		110	70 - 122
Tetrachloroethene	0.0500	0.0524		mg/Kg		105	70 - 124
Toluene	0.0500	0.0561		mg/Kg		112	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0566		mg/Kg		113	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0526		mg/Kg		105	70 - 125
1,1,1-Trichloroethane	0.0500	0.0522		mg/Kg		104	70 - 128
1,1,2-Trichloroethane	0.0500	0.0553		mg/Kg		111	70 - 125
Trichloroethene	0.0500	0.0566		mg/Kg		113	70 - 125
Vinyl acetate	0.0500	0.0389		mg/Kg		78	40 - 153
Vinyl chloride	0.0500	0.0512		mg/Kg		102	70 - 125
Xylenes, Total	0.100	0.109		mg/Kg		109	53 - 147

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	114		75 - 131
Dibromofluoromethane	95		75 - 126
1,2-Dichloroethane-d4 (Surr)	92		70 - 134
Toluene-d8 (Surr)	106		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCSD 500-823604/5

Matrix: Solid

Analysis Batch: 823604

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	0.0354		mg/Kg		71	40 - 150	3	30
Benzene	0.0500	0.0533		mg/Kg		107	70 - 125	5	30
Bromodichloromethane	0.0500	0.0484		mg/Kg		97	67 - 129	4	30
Bromoform	0.0500	0.0435		mg/Kg		87	68 - 136	4	30
Bromomethane	0.0500	0.0461		mg/Kg		92	70 - 130	4	30
2-Butanone (MEK)	0.0500	0.0365		mg/Kg		73	47 - 138	10	30
Carbon disulfide	0.0500	0.0495		mg/Kg		99	70 - 129	1	30
Carbon tetrachloride	0.0500	0.0504		mg/Kg		101	75 - 125	2	30
Chlorobenzene	0.0500	0.0543		mg/Kg		109	50 - 150	1	30
Chloroethane	0.0500	0.0479		mg/Kg		96	75 - 125	1	30
Chloroform	0.0500	0.0506		mg/Kg		101	57 - 135	2	30
Chloromethane	0.0500	0.0421		mg/Kg		84	70 - 125	4	30
cis-1,2-Dichloroethene	0.0500	0.0539		mg/Kg		108	70 - 125	3	30
cis-1,3-Dichloropropene	0.0500	0.0537		mg/Kg		107	70 - 125	1	30
Dibromochloromethane	0.0500	0.0482		mg/Kg		96	69 - 125	3	30
1,2-Dibromo-3-Chloropropane	0.0500	0.0511		mg/Kg		102	60 - 136	9	30
1,1-Dichloroethane	0.0500	0.0502		mg/Kg		100	70 - 125	3	30
1,2-Dichloroethane	0.0500	0.0472		mg/Kg		94	70 - 130	4	30
1,1-Dichloroethene	0.0500	0.0483		mg/Kg		97	70 - 120	4	30
1,2-Dichloropropane	0.0500	0.0509		mg/Kg		102	70 - 125	3	30
Ethylbenzene	0.0500	0.0527		mg/Kg		105	61 - 136	4	30
2-Hexanone	0.0500	0.0353		mg/Kg		71	48 - 146	5	30
Methylene Chloride	0.0500	0.0494		mg/Kg		99	70 - 126	1	30
4-Methyl-2-pentanone (MIBK)	0.0500	0.0371		mg/Kg		74	50 - 148	6	30
Methyl tert-butyl ether	0.0500	0.0521		mg/Kg		104	50 - 140	4	30
Styrene	0.0500	0.0513		mg/Kg		103	70 - 125	4	30
1,1,2,2-Tetrachloroethane	0.0500	0.0518		mg/Kg		104	70 - 122	6	30
Tetrachloroethene	0.0500	0.0514		mg/Kg		103	70 - 124	2	30
Toluene	0.0500	0.0555		mg/Kg		111	70 - 125	1	30
trans-1,2-Dichloroethene	0.0500	0.0555		mg/Kg		111	70 - 125	2	30
trans-1,3-Dichloropropene	0.0500	0.0513		mg/Kg		103	70 - 125	2	30
1,1,1-Trichloroethane	0.0500	0.0506		mg/Kg		101	70 - 128	3	30
1,1,2-Trichloroethane	0.0500	0.0527		mg/Kg		105	70 - 125	5	30
Trichloroethene	0.0500	0.0544		mg/Kg		109	70 - 125	4	30
Vinyl acetate	0.0500	0.0363		mg/Kg		73	40 - 153	7	30
Vinyl chloride	0.0500	0.0488		mg/Kg		98	70 - 125	5	30
Xylenes, Total	0.100	0.105		mg/Kg		105	53 - 147	3	30

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	114		75 - 131
Dibromofluoromethane	95		75 - 126
1,2-Dichloroethane-d4 (Surr)	90		70 - 134
Toluene-d8 (Surr)	108		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-823845/8

Matrix: Solid

Analysis Batch: 823845

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			06/30/25 11:25	1
Benzene	<0.0020		0.0020	0.00063	mg/Kg			06/30/25 11:25	1
Bromodichloromethane	<0.0020		0.0020	0.00064	mg/Kg			06/30/25 11:25	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg			06/30/25 11:25	1
Bromomethane	<0.0050		0.0050	0.0025	mg/Kg			06/30/25 11:25	1
2-Butanone (MEK)	<0.0050		0.0050	0.0022	mg/Kg			06/30/25 11:25	1
Carbon disulfide	<0.0050		0.0050	0.00092	mg/Kg			06/30/25 11:25	1
Carbon tetrachloride	<0.0020		0.0020	0.00068	mg/Kg			06/30/25 11:25	1
Chlorobenzene	<0.0020		0.0020	0.00084	mg/Kg			06/30/25 11:25	1
Chloroethane	<0.0050		0.0050	0.0016	mg/Kg			06/30/25 11:25	1
Chloroform	<0.0020		0.0020	0.0014	mg/Kg			06/30/25 11:25	1
Chloromethane	<0.0050		0.0050	0.00097	mg/Kg			06/30/25 11:25	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00081	mg/Kg			06/30/25 11:25	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00080	mg/Kg			06/30/25 11:25	1
Dibromochloromethane	<0.0020		0.0020	0.00093	mg/Kg			06/30/25 11:25	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0035	mg/Kg			06/30/25 11:25	1
1,1-Dichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/30/25 11:25	1
1,2-Dichloroethane	<0.0050		0.0050	0.0013	mg/Kg			06/30/25 11:25	1
1,1-Dichloroethene	<0.0020		0.0020	0.00082	mg/Kg			06/30/25 11:25	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg			06/30/25 11:25	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00096	mg/Kg			06/30/25 11:25	1
Ethylbenzene	<0.0020		0.0020	0.0011	mg/Kg			06/30/25 11:25	1
2-Hexanone	<0.0050		0.0050	0.0030	mg/Kg			06/30/25 11:25	1
Methylene Chloride	<0.0050		0.0050	0.0021	mg/Kg			06/30/25 11:25	1
4-Methyl-2-pentanone (MIBK)	<0.0050		0.0050	0.0036	mg/Kg			06/30/25 11:25	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00065	mg/Kg			06/30/25 11:25	1
Styrene	<0.0020		0.0020	0.00090	mg/Kg			06/30/25 11:25	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00099	mg/Kg			06/30/25 11:25	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg			06/30/25 11:25	1
Toluene	<0.0020		0.0020	0.00040	mg/Kg			06/30/25 11:25	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00076	mg/Kg			06/30/25 11:25	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00096	mg/Kg			06/30/25 11:25	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00081	mg/Kg			06/30/25 11:25	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/30/25 11:25	1
Trichloroethene	<0.0020		0.0020	0.00054	mg/Kg			06/30/25 11:25	1
Vinyl acetate	<0.0050		0.0050	0.0012	mg/Kg			06/30/25 11:25	1
Vinyl chloride	<0.0020		0.0020	0.00082	mg/Kg			06/30/25 11:25	1
Xylenes, Total	<0.0040		0.0040	0.00069	mg/Kg			06/30/25 11:25	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		75 - 131		06/30/25 11:25	1
Dibromofluoromethane	100		75 - 126		06/30/25 11:25	1
1,2-Dichloroethane-d4 (Surr)	100		70 - 134		06/30/25 11:25	1
Toluene-d8 (Surr)	103		75 - 124		06/30/25 11:25	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823845/6

Matrix: Solid

Analysis Batch: 823845

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	0.0429		mg/Kg		86	40 - 150
Benzene	0.0500	0.0519		mg/Kg		104	70 - 125
Bromodichloromethane	0.0500	0.0491		mg/Kg		98	67 - 129
Bromoform	0.0500	0.0489		mg/Kg		98	68 - 136
Bromomethane	0.0500	0.0576		mg/Kg		115	70 - 130
2-Butanone (MEK)	0.0500	0.0469		mg/Kg		94	47 - 138
Carbon disulfide	0.0500	0.0497		mg/Kg		99	70 - 129
Carbon tetrachloride	0.0500	0.0441		mg/Kg		88	75 - 125
Chlorobenzene	0.0500	0.0484		mg/Kg		97	50 - 150
Chloroethane	0.0500	0.0490		mg/Kg		98	75 - 125
Chloroform	0.0500	0.0458		mg/Kg		92	57 - 135
Chloromethane	0.0500	0.0522		mg/Kg		104	70 - 125
cis-1,2-Dichloroethene	0.0500	0.0495		mg/Kg		99	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0525		mg/Kg		105	70 - 125
Dibromochloromethane	0.0500	0.0497		mg/Kg		99	69 - 125
1,2-Dibromo-3-Chloropropane	0.0500	0.0506		mg/Kg		101	60 - 136
1,1-Dichloroethane	0.0500	0.0491		mg/Kg		98	70 - 125
1,2-Dichloroethane	0.0500	0.0475		mg/Kg		95	70 - 130
1,1-Dichloroethene	0.0500	0.0492		mg/Kg		98	70 - 120
1,2-Dichloropropane	0.0500	0.0508		mg/Kg		102	70 - 125
Ethylbenzene	0.0500	0.0548		mg/Kg		110	61 - 136
2-Hexanone	0.0500	0.0520		mg/Kg		104	48 - 146
Methylene Chloride	0.0500	0.0516		mg/Kg		103	70 - 126
4-Methyl-2-pentanone (MIBK)	0.0500	0.0538		mg/Kg		108	50 - 148
Methyl tert-butyl ether	0.0500	0.0477		mg/Kg		95	50 - 140
Styrene	0.0500	0.0539		mg/Kg		108	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0575		mg/Kg		115	70 - 122
Tetrachloroethene	0.0500	0.0490		mg/Kg		98	70 - 124
Toluene	0.0500	0.0465		mg/Kg		93	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0487		mg/Kg		97	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0501		mg/Kg		100	70 - 125
1,1,1-Trichloroethane	0.0500	0.0465		mg/Kg		93	70 - 128
1,1,2-Trichloroethane	0.0500	0.0512		mg/Kg		102	70 - 125
Trichloroethene	0.0500	0.0469		mg/Kg		94	70 - 125
Vinyl acetate	0.0500	0.0545		mg/Kg		109	40 - 153
Vinyl chloride	0.0500	0.0526		mg/Kg		105	70 - 125
Xylenes, Total	0.100	0.0988		mg/Kg		99	53 - 147

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	98		75 - 131
Dibromofluoromethane	98		75 - 126
1,2-Dichloroethane-d4 (Surr)	99		70 - 134
Toluene-d8 (Surr)	102		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCSD 500-823845/9

Matrix: Solid

Analysis Batch: 823845

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	0.0334		mg/Kg		67	40 - 150	25	30
Benzene	0.0500	0.0429		mg/Kg		86	70 - 125	19	30
Bromodichloromethane	0.0500	0.0411		mg/Kg		82	67 - 129	18	30
Bromoform	0.0500	0.0385		mg/Kg		77	68 - 136	24	30
Bromomethane	0.0500	0.0441		mg/Kg		88	70 - 130	27	30
2-Butanone (MEK)	0.0500	0.0376		mg/Kg		75	47 - 138	22	30
Carbon disulfide	0.0500	0.0421		mg/Kg		84	70 - 129	17	30
Carbon tetrachloride	0.0500	0.0372	*-	mg/Kg		74	75 - 125	17	30
Chlorobenzene	0.0500	0.0402		mg/Kg		80	50 - 150	18	30
Chloroethane	0.0500	0.0389		mg/Kg		78	75 - 125	23	30
Chloroform	0.0500	0.0378		mg/Kg		76	57 - 135	19	30
Chloromethane	0.0500	0.0409		mg/Kg		82	70 - 125	24	30
cis-1,2-Dichloroethene	0.0500	0.0418		mg/Kg		84	70 - 125	17	30
cis-1,3-Dichloropropene	0.0500	0.0446		mg/Kg		89	70 - 125	16	30
Dibromochloromethane	0.0500	0.0408		mg/Kg		82	69 - 125	20	30
1,2-Dibromo-3-Chloropropane	0.0500	0.0396		mg/Kg		79	60 - 136	24	30
1,1-Dichloroethane	0.0500	0.0405		mg/Kg		81	70 - 125	19	30
1,2-Dichloroethane	0.0500	0.0387		mg/Kg		77	70 - 130	20	30
1,1-Dichloroethene	0.0500	0.0409		mg/Kg		82	70 - 120	18	30
1,2-Dichloropropane	0.0500	0.0429		mg/Kg		86	70 - 125	17	30
Ethylbenzene	0.0500	0.0449		mg/Kg		90	61 - 136	20	30
2-Hexanone	0.0500	0.0430		mg/Kg		86	48 - 146	19	30
Methylene Chloride	0.0500	0.0437		mg/Kg		87	70 - 126	17	30
4-Methyl-2-pentanone (MIBK)	0.0500	0.0439		mg/Kg		88	50 - 148	20	30
Methyl tert-butyl ether	0.0500	0.0390		mg/Kg		78	50 - 140	20	30
Styrene	0.0500	0.0444		mg/Kg		89	70 - 125	19	30
1,1,2,2-Tetrachloroethane	0.0500	0.0479		mg/Kg		96	70 - 122	18	30
Tetrachloroethene	0.0500	0.0404		mg/Kg		81	70 - 124	19	30
Toluene	0.0500	0.0392		mg/Kg		78	70 - 125	17	30
trans-1,2-Dichloroethene	0.0500	0.0417		mg/Kg		83	70 - 125	15	30
trans-1,3-Dichloropropene	0.0500	0.0414		mg/Kg		83	70 - 125	19	30
1,1,1-Trichloroethane	0.0500	0.0383		mg/Kg		77	70 - 128	19	30
1,1,2-Trichloroethane	0.0500	0.0424		mg/Kg		85	70 - 125	19	30
Trichloroethene	0.0500	0.0391		mg/Kg		78	70 - 125	18	30
Vinyl acetate	0.0500	0.0449		mg/Kg		90	40 - 153	19	30
Vinyl chloride	0.0500	0.0426		mg/Kg		85	70 - 125	21	30
Xylenes, Total	0.100	0.0823		mg/Kg		82	53 - 147	18	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		75 - 131
Dibromofluoromethane	99		75 - 126
1,2-Dichloroethane-d4 (Surr)	101		70 - 134
Toluene-d8 (Surr)	107		75 - 124

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-823218/1-A

Matrix: Solid

Analysis Batch: 823426

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 823218

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		06/25/25 07:38	06/26/25 11:47	1
1,2-Dichlorobenzene	<0.17		0.17	0.014	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
1,3-Dichlorobenzene	<0.17		0.17	0.015	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
1,4-Dichlorobenzene	<0.17		0.17	0.016	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,2'-oxybis[1-chloropropane]	<0.17		0.17	0.024	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,4,5-Trichlorophenol	<0.33		0.33	0.013	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,4,6-Trichlorophenol	<0.33		0.33	0.011	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,4-Dichlorophenol	<0.33		0.33	0.012	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,4-Dimethylphenol	<0.33		0.33	0.074	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,4-Dinitrophenol	<0.67		0.67	0.19	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,4-Dinitrotoluene	<0.17		0.17	0.019	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2,6-Dinitrotoluene	<0.17		0.17	0.023	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2-Chloronaphthalene	<0.17		0.17	0.012	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2-Chlorophenol	<0.17		0.17	0.011	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2-Methylnaphthalene	<0.067		0.067	0.0067	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2-Methylphenol	<0.17		0.17	0.018	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2-Nitroaniline	<0.17		0.17	0.018	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
2-Nitrophenol	<0.33		0.33	0.023	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
3 & 4 Methylphenol	<0.17		0.17	0.024	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
3,3'-Dichlorobenzidine	<0.17		0.17	0.15	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
3-Nitroaniline	<0.33		0.33	0.015	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
4,6-Dinitro-2-methylphenol	<0.67		0.67	0.19	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
4-Bromophenyl phenyl ether	<0.17		0.17	0.023	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
4-Chloro-3-methylphenol	<0.33		0.33	0.028	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
4-Chloroaniline	<0.67		0.67	0.35	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
4-Chlorophenyl phenyl ether	<0.17		0.17	0.044	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
4-Nitroaniline	<0.33		0.33	0.025	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
4-Nitrophenol	<0.67		0.67	0.36	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Acenaphthene	<0.033		0.033	0.0068	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Acenaphthylene	<0.033		0.033	0.0056	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Anthracene	<0.033		0.033	0.0068	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Benzo[a]anthracene	<0.033		0.033	0.0070	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Benzo[a]pyrene	<0.033		0.033	0.032	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Benzo[b]fluoranthene	<0.033		0.033	0.032	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Benzo[g,h,i]perylene	<0.033		0.033	0.015	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Benzo[k]fluoranthene	<0.033		0.033	0.013	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Bis(2-chloroethoxy)methane	<0.17		0.17	0.012	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Bis(2-chloroethyl)ether	<0.17		0.17	0.015	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Bis(2-ethylhexyl) phthalate	<0.17		0.17	0.13	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Butyl benzyl phthalate	<0.17		0.17	0.017	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Carbazole	<0.17		0.17	0.013	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Chrysene	<0.033		0.033	0.0088	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Dibenz(a,h)anthracene	<0.033		0.033	0.033	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Dibenzofuran	<0.17		0.17	0.012	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Diethyl phthalate	<0.17		0.17	0.015	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Dimethyl phthalate	<0.17		0.17	0.0072	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Di-n-butyl phthalate	<0.17		0.17	0.011	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Di-n-octyl phthalate	<0.33		0.33	0.23	mg/Kg		06/25/25 07:38	06/26/25 11:47	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-823218/1-A

Matrix: Solid

Analysis Batch: 823426

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 823218

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	<0.033		0.033	0.0077	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Fluorene	<0.033		0.033	0.0098	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Hexachlorobenzene	<0.067		0.067	0.0064	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Hexachlorobutadiene	<0.17		0.17	0.019	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Hexachlorocyclopentadiene	<0.67		0.67	0.35	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Hexachloroethane	<0.17		0.17	0.017	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Indeno[1,2,3-cd]pyrene	<0.033		0.033	0.032	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Isophorone	<0.17		0.17	0.017	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Naphthalene	<0.033		0.033	0.0060	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Nitrobenzene	<0.033		0.033	0.011	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
N-Nitrosodi-n-propylamine	<0.067		0.067	0.019	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
N-Nitrosodiphenylamine	<0.17		0.17	0.066	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Pentachlorophenol	<0.67		0.67	0.37	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Phenanthrene	<0.033		0.033	0.0072	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Phenol	<0.17		0.17	0.014	mg/Kg		06/25/25 07:38	06/26/25 11:47	1
Pyrene	<0.033		0.033	0.0091	mg/Kg		06/25/25 07:38	06/26/25 11:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	86		31 - 166	06/25/25 07:38	06/26/25 11:47	1
Phenol-d5 (Surr)	89		30 - 153	06/25/25 07:38	06/26/25 11:47	1
Nitrobenzene-d5 (Surr)	101		37 - 147	06/25/25 07:38	06/26/25 11:47	1
2-Fluorobiphenyl (Surr)	86		43 - 145	06/25/25 07:38	06/26/25 11:47	1
2,4,6-Tribromophenol (Surr)	86		31 - 143	06/25/25 07:38	06/26/25 11:47	1
Terphenyl-d14 (Surr)	96		42 - 157	06/25/25 07:38	06/26/25 11:47	1

Lab Sample ID: LCS 500-823218/2-A

Matrix: Solid

Analysis Batch: 823426

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823218

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	3.33	2.28		mg/Kg		68	49 - 100
1,2-Dichlorobenzene	3.33	2.15		mg/Kg		64	47 - 94
1,3-Dichlorobenzene	3.33	2.17		mg/Kg		65	47 - 92
1,4-Dichlorobenzene	3.33	2.18		mg/Kg		65	46 - 92
2,2'-oxybis[1-chloropropane]	3.33	2.94		mg/Kg		88	43 - 111
2,4,5-Trichlorophenol	3.33	2.93		mg/Kg		88	48 - 121
2,4,6-Trichlorophenol	3.33	2.82		mg/Kg		85	50 - 121
2,4-Dichlorophenol	3.33	2.49		mg/Kg		75	51 - 109
2,4-Dimethylphenol	3.33	2.54		mg/Kg		76	48 - 93
2,4-Dinitrophenol	6.67	5.79		mg/Kg		87	10 - 130
2,4-Dinitrotoluene	3.33	2.97		mg/Kg		89	65 - 120
2,6-Dinitrotoluene	3.33	3.05		mg/Kg		91	66 - 117
2-Chloronaphthalene	3.33	2.61		mg/Kg		78	60 - 107
2-Chlorophenol	3.33	2.58		mg/Kg		77	50 - 102
2-Methylnaphthalene	3.33	2.57		mg/Kg		77	58 - 103
2-Methylphenol	3.33	2.34		mg/Kg		70	50 - 104
2-Nitroaniline	3.33	3.53		mg/Kg		106	61 - 126
2-Nitrophenol	3.33	2.70		mg/Kg		81	41 - 114

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823218/2-A

Matrix: Solid

Analysis Batch: 823426

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823218

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
3 & 4 Methylphenol	3.33	2.42		mg/Kg		73	49 - 109
3,3'-Dichlorobenzidine	3.33	2.74		mg/Kg		82	36 - 131
3-Nitroaniline	3.33	2.84		mg/Kg		85	44 - 124
4,6-Dinitro-2-methylphenol	6.67	7.01		mg/Kg		105	36 - 138
4-Bromophenyl phenyl ether	3.33	3.07		mg/Kg		92	57 - 124
4-Chloro-3-methylphenol	3.33	2.67		mg/Kg		80	57 - 113
4-Chloroaniline	3.33	2.20		mg/Kg		66	22 - 110
4-Chlorophenyl phenyl ether	3.33	2.48		mg/Kg		75	60 - 112
4-Nitroaniline	3.33	3.02		mg/Kg		91	60 - 115
4-Nitrophenol	6.67	4.48		mg/Kg		67	45 - 126
Acenaphthene	3.33	2.61		mg/Kg		78	63 - 109
Acenaphthylene	3.33	2.81		mg/Kg		84	61 - 115
Anthracene	3.33	3.09		mg/Kg		93	68 - 120
Benzo[a]anthracene	3.33	2.82		mg/Kg		85	70 - 121
Benzo[a]pyrene	3.33	3.32		mg/Kg		100	73 - 132
Benzo[b]fluoranthene	3.33	3.53		mg/Kg		106	68 - 123
Benzo[g,h,i]perylene	3.33	3.14		mg/Kg		94	65 - 126
Benzo[k]fluoranthene	3.33	3.04		mg/Kg		91	64 - 128
Bis(2-chloroethoxy)methane	3.33	2.68		mg/Kg		80	54 - 102
Bis(2-chloroethyl)ether	3.33	2.70		mg/Kg		81	49 - 99
Bis(2-ethylhexyl) phthalate	3.33	3.22		mg/Kg		97	70 - 139
Butyl benzyl phthalate	3.33	3.12		mg/Kg		94	65 - 140
Carbazole	3.33	3.09		mg/Kg		93	68 - 120
Chrysene	3.33	2.91		mg/Kg		87	70 - 123
Dibenz(a,h)anthracene	3.33	2.75		mg/Kg		82	66 - 125
Dibenzofuran	3.33	2.60		mg/Kg		78	64 - 112
Diethyl phthalate	3.33	2.94		mg/Kg		88	66 - 115
Dimethyl phthalate	3.33	2.89		mg/Kg		87	65 - 114
Di-n-butyl phthalate	3.33	3.19		mg/Kg		96	69 - 125
Di-n-octyl phthalate	3.33	3.30		mg/Kg		99	61 - 131
Fluoranthene	3.33	3.09		mg/Kg		93	66 - 123
Fluorene	3.33	2.62		mg/Kg		79	62 - 113
Hexachlorobenzene	3.33	3.11		mg/Kg		93	52 - 126
Hexachlorobutadiene	3.33	2.32		mg/Kg		70	42 - 103
Hexachlorocyclopentadiene	3.33	1.80		mg/Kg		54	10 - 100
Hexachloroethane	3.33	2.23		mg/Kg		67	45 - 95
Indeno[1,2,3-cd]pyrene	3.33	3.51		mg/Kg		105	66 - 131
Isophorone	3.33	2.93		mg/Kg		88	47 - 108
Naphthalene	3.33	2.40		mg/Kg		72	54 - 98
Nitrobenzene	3.33	3.14		mg/Kg		94	52 - 105
N-Nitrosodi-n-propylamine	3.33	2.77		mg/Kg		83	48 - 110
N-Nitrosodiphenylamine	3.33	3.04		mg/Kg		91	67 - 112
Pentachlorophenol	6.67	4.81		mg/Kg		72	32 - 128
Phenanthrene	3.33	3.03		mg/Kg		91	65 - 115
Phenol	3.33	2.52		mg/Kg		76	52 - 110
Pyrene	3.33	3.07		mg/Kg		92	71 - 128

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823218/2-A

Matrix: Solid

Analysis Batch: 823426

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823218

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
2-Fluorophenol (Surr)	79		31 - 166
Phenol-d5 (Surr)	80		30 - 153
Nitrobenzene-d5 (Surr)	94		37 - 147
2-Fluorobiphenyl (Surr)	83		43 - 145
2,4,6-Tribromophenol (Surr)	91		31 - 143
Terphenyl-d14 (Surr)	95		42 - 157

Lab Sample ID: MB 500-823337/1-A

Matrix: Solid

Analysis Batch: 823620

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 823337

Analyte	MB	MB							
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.17		0.17	0.024	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
1,2-Dichlorobenzene	<0.17		0.17	0.014	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
1,3-Dichlorobenzene	<0.17		0.17	0.015	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
1,4-Dichlorobenzene	<0.17		0.17	0.016	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,2'-oxybis[1-chloropropane]	<0.17		0.17	0.024	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,4,5-Trichlorophenol	<0.33		0.33	0.013	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,4,6-Trichlorophenol	<0.33		0.33	0.011	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,4-Dichlorophenol	<0.33		0.33	0.012	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,4-Dimethylphenol	<0.33		0.33	0.074	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,4-Dinitrophenol	<0.67		0.67	0.19	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,4-Dinitrotoluene	<0.17		0.17	0.019	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2,6-Dinitrotoluene	<0.17		0.17	0.023	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2-Chloronaphthalene	<0.17		0.17	0.012	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2-Chlorophenol	<0.17		0.17	0.011	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2-Methylnaphthalene	<0.067		0.067	0.0067	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2-Methylphenol	<0.17		0.17	0.018	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2-Nitroaniline	<0.17		0.17	0.018	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
2-Nitrophenol	<0.33		0.33	0.023	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
3 & 4 Methylphenol	<0.17		0.17	0.024	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
3,3'-Dichlorobenzidine	<0.17		0.17	0.15	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
3-Nitroaniline	<0.33		0.33	0.015	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
4,6-Dinitro-2-methylphenol	<0.67		0.67	0.19	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
4-Bromophenyl phenyl ether	<0.17		0.17	0.023	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
4-Chloro-3-methylphenol	<0.33		0.33	0.028	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
4-Chloroaniline	<0.67		0.67	0.35	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
4-Chlorophenyl phenyl ether	<0.17		0.17	0.044	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
4-Nitroaniline	<0.33		0.33	0.025	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
4-Nitrophenol	<0.67		0.67	0.36	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Acenaphthene	<0.033		0.033	0.0068	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Acenaphthylene	<0.033		0.033	0.0056	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Anthracene	<0.033		0.033	0.0068	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Benzo[a]anthracene	<0.033		0.033	0.0070	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Benzo[a]pyrene	<0.033		0.033	0.032	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Benzo[b]fluoranthene	<0.033		0.033	0.032	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Benzo[g,h,i]perylene	<0.033		0.033	0.015	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Benzo[k]fluoranthene	<0.033		0.033	0.013	mg/Kg		06/25/25 14:04	06/27/25 11:53	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-823337/1-A

Matrix: Solid

Analysis Batch: 823620

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 823337

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	<0.17		0.17	0.012	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Bis(2-chloroethyl)ether	<0.17		0.17	0.015	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Bis(2-ethylhexyl) phthalate	<0.17		0.17	0.13	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Butyl benzyl phthalate	<0.17		0.17	0.017	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Carbazole	<0.17		0.17	0.013	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Chrysene	<0.033		0.033	0.0088	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Dibenz(a,h)anthracene	<0.033		0.033	0.033	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Dibenzofuran	<0.17		0.17	0.012	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Diethyl phthalate	0.0239	J	0.17	0.015	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Dimethyl phthalate	<0.17		0.17	0.0072	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Di-n-butyl phthalate	<0.17		0.17	0.011	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Di-n-octyl phthalate	<0.33		0.33	0.23	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Fluoranthene	<0.033		0.033	0.0077	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Fluorene	<0.033		0.033	0.0098	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Hexachlorobenzene	<0.067		0.067	0.0064	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Hexachlorobutadiene	<0.17		0.17	0.019	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Hexachlorocyclopentadiene	<0.67		0.67	0.35	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Hexachloroethane	<0.17		0.17	0.017	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Indeno[1,2,3-cd]pyrene	<0.033		0.033	0.032	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Isophorone	<0.17		0.17	0.017	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Naphthalene	<0.033		0.033	0.0060	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Nitrobenzene	<0.033		0.033	0.011	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
N-Nitrosodi-n-propylamine	<0.067		0.067	0.019	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
N-Nitrosodiphenylamine	<0.17		0.17	0.066	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Pentachlorophenol	<0.67		0.67	0.37	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Phenanthrene	<0.033		0.033	0.0072	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Phenol	<0.17		0.17	0.014	mg/Kg		06/25/25 14:04	06/27/25 11:53	1
Pyrene	<0.033		0.033	0.0091	mg/Kg		06/25/25 14:04	06/27/25 11:53	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	83		31 - 166	06/25/25 14:04	06/27/25 11:53	1
Phenol-d5 (Surr)	80		30 - 153	06/25/25 14:04	06/27/25 11:53	1
Nitrobenzene-d5 (Surr)	80		37 - 147	06/25/25 14:04	06/27/25 11:53	1
2-Fluorobiphenyl (Surr)	86		43 - 145	06/25/25 14:04	06/27/25 11:53	1
2,4,6-Tribromophenol (Surr)	76		31 - 143	06/25/25 14:04	06/27/25 11:53	1
Terphenyl-d14 (Surr)	100		42 - 157	06/25/25 14:04	06/27/25 11:53	1

Lab Sample ID: LCS 500-823337/2-A

Matrix: Solid

Analysis Batch: 823422

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823337

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	3.33	2.38		mg/Kg		71	49 - 100
1,2-Dichlorobenzene	3.33	2.36		mg/Kg		71	47 - 94
1,3-Dichlorobenzene	3.33	2.27		mg/Kg		68	47 - 92
1,4-Dichlorobenzene	3.33	2.30		mg/Kg		69	46 - 92
2,2'-oxybis[1-chloropropane]	3.33	2.42		mg/Kg		73	43 - 111
2,4,5-Trichlorophenol	3.33	2.76		mg/Kg		83	48 - 121

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823337/2-A

Matrix: Solid

Analysis Batch: 823422

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823337

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,6-Trichlorophenol	3.33	2.85		mg/Kg		85	50 - 121
2,4-Dichlorophenol	3.33	2.56		mg/Kg		77	51 - 109
2,4-Dimethylphenol	3.33	2.63		mg/Kg		79	48 - 93
2,4-Dinitrophenol	6.67	6.83		mg/Kg		103	10 - 130
2,4-Dinitrotoluene	3.33	3.13		mg/Kg		94	65 - 120
2,6-Dinitrotoluene	3.33	2.90		mg/Kg		87	66 - 117
2-Chloronaphthalene	3.33	2.72		mg/Kg		82	60 - 107
2-Chlorophenol	3.33	2.44		mg/Kg		73	50 - 102
2-Methylnaphthalene	3.33	2.89		mg/Kg		87	58 - 103
2-Methylphenol	3.33	2.52		mg/Kg		76	50 - 104
2-Nitroaniline	3.33	3.09		mg/Kg		93	61 - 126
2-Nitrophenol	3.33	2.62		mg/Kg		79	41 - 114
3 & 4 Methylphenol	3.33	2.50		mg/Kg		75	49 - 109
3,3'-Dichlorobenzidine	3.33	2.51		mg/Kg		75	36 - 131
3-Nitroaniline	3.33	2.83		mg/Kg		85	44 - 124
4,6-Dinitro-2-methylphenol	6.67	6.55		mg/Kg		98	36 - 138
4-Bromophenyl phenyl ether	3.33	2.86		mg/Kg		86	57 - 124
4-Chloro-3-methylphenol	3.33	2.77		mg/Kg		83	57 - 113
4-Chloroaniline	3.33	2.38		mg/Kg		71	22 - 110
4-Chlorophenyl phenyl ether	3.33	2.79		mg/Kg		84	60 - 112
4-Nitroaniline	3.33	3.00		mg/Kg		90	60 - 115
4-Nitrophenol	6.67	4.72		mg/Kg		71	45 - 126
Acenaphthene	3.33	2.73		mg/Kg		82	63 - 109
Acenaphthylene	3.33	2.87		mg/Kg		86	61 - 115
Anthracene	3.33	3.10		mg/Kg		93	68 - 120
Benzo[a]anthracene	3.33	2.79		mg/Kg		84	70 - 121
Benzo[a]pyrene	3.33	3.01		mg/Kg		90	73 - 132
Benzo[b]fluoranthene	3.33	3.14		mg/Kg		94	68 - 123
Benzo[g,h,i]perylene	3.33	2.87		mg/Kg		86	65 - 126
Benzo[k]fluoranthene	3.33	2.90		mg/Kg		87	64 - 128
Bis(2-chloroethoxy)methane	3.33	2.54		mg/Kg		76	54 - 102
Bis(2-chloroethyl)ether	3.33	2.45		mg/Kg		74	49 - 99
Bis(2-ethylhexyl) phthalate	3.33	2.97		mg/Kg		89	70 - 139
Butyl benzyl phthalate	3.33	2.96		mg/Kg		89	65 - 140
Carbazole	3.33	3.14		mg/Kg		94	68 - 120
Chrysene	3.33	2.90		mg/Kg		87	70 - 123
Dibenz(a,h)anthracene	3.33	3.08		mg/Kg		92	66 - 125
Dibenzofuran	3.33	2.89		mg/Kg		87	64 - 112
Diethyl phthalate	3.33	3.00		mg/Kg		90	66 - 115
Dimethyl phthalate	3.33	2.90		mg/Kg		87	65 - 114
Di-n-butyl phthalate	3.33	3.16		mg/Kg		95	69 - 125
Di-n-octyl phthalate	3.33	3.16		mg/Kg		95	61 - 131
Fluoranthene	3.33	2.97		mg/Kg		89	66 - 123
Fluorene	3.33	2.84		mg/Kg		85	62 - 113
Hexachlorobenzene	3.33	2.95		mg/Kg		88	52 - 126
Hexachlorobutadiene	3.33	2.31		mg/Kg		69	42 - 103
Hexachlorocyclopentadiene	3.33	2.81		mg/Kg		84	10 - 100
Hexachloroethane	3.33	2.33		mg/Kg		70	45 - 95
Indeno[1,2,3-cd]pyrene	3.33	3.03		mg/Kg		91	66 - 131

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823337/2-A

Matrix: Solid

Analysis Batch: 823422

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823337

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Isophorone	3.33	2.60		mg/Kg		78	47 - 108
Naphthalene	3.33	2.41		mg/Kg		72	54 - 98
Nitrobenzene	3.33	2.42		mg/Kg		72	52 - 105
N-Nitrosodi-n-propylamine	3.33	2.62		mg/Kg		79	48 - 110
N-Nitrosodiphenylamine	3.33	3.05		mg/Kg		92	67 - 112
Pentachlorophenol	6.67	4.94		mg/Kg		74	32 - 128
Phenanthrene	3.33	2.99		mg/Kg		90	65 - 115
Phenol	3.33	2.49		mg/Kg		75	52 - 110
Pyrene	3.33	2.90		mg/Kg		87	71 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorophenol (Surr)	76		31 - 166
Phenol-d5 (Surr)	75		30 - 153
Nitrobenzene-d5 (Surr)	76		37 - 147
2-Fluorobiphenyl (Surr)	84		43 - 145
2,4,6-Tribromophenol (Surr)	83		31 - 143
Terphenyl-d14 (Surr)	91		42 - 157

Method: 6010D - Metals (ICP)

Lab Sample ID: LCS 500-822485/2-A

Matrix: Solid

Analysis Batch: 822772

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822485

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.100	0.0995		mg/L		99	80 - 120
Manganese	0.500	0.475		mg/L		95	80 - 120
Nickel	0.500	0.485		mg/L		97	80 - 120

Lab Sample ID: LCS 500-822509/2-A

Matrix: Solid

Analysis Batch: 822771

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822509

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.108		mg/L		108	80 - 120
Barium	0.500	0.499		mg/L		100	80 - 120
Beryllium	0.0500	0.0508		mg/L		102	80 - 120
Boron	1.00	0.959		mg/L		96	80 - 120
Cadmium	0.0500	0.0489		mg/L		98	80 - 120
Chromium	0.200	0.191		mg/L		95	80 - 120
Cobalt	0.500	0.520		mg/L		104	80 - 120
Copper	0.250	0.239		mg/L		96	80 - 120
Iron	1.00	1.05		mg/L		105	80 - 120
Lead	0.100	0.104		mg/L		104	80 - 120
Manganese	0.500	0.476		mg/L		95	80 - 120
Nickel	0.500	0.521		mg/L		104	80 - 120
Selenium	0.100	0.0986		mg/L		99	80 - 120
Silver	0.0500	0.0501		mg/L		100	80 - 120
Vanadium	0.500	0.481		mg/L		96	80 - 120

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-822509/2-A

Matrix: Solid

Analysis Batch: 822771

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822509

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	0.500	0.511		mg/L		102	80 - 120

Lab Sample ID: LCS 500-822645/2-A

Matrix: Solid

Analysis Batch: 823048

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822645

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.100	0.0982		mg/L		98	80 - 120

Lab Sample ID: LCS 500-822645/2-A

Matrix: Solid

Analysis Batch: 823997

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822645

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	0.500	0.465		mg/L		93	80 - 120
Nickel	0.500	0.518		mg/L		104	80 - 120

Lab Sample ID: LCS 500-822646/2-A

Matrix: Solid

Analysis Batch: 823443

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822646

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.110		mg/L		110	80 - 120
Barium	0.500	0.507		mg/L		101	80 - 120
Beryllium	0.0500	0.0481		mg/L		96	80 - 120
Cadmium	0.0500	0.0529		mg/L		106	80 - 120
Chromium	0.200	0.207		mg/L		103	80 - 120
Cobalt	0.500	0.530		mg/L		106	80 - 120
Copper	0.250	0.269		mg/L		108	80 - 120
Iron	1.00	0.980		mg/L		98	80 - 120
Lead	0.100	0.107		mg/L		107	80 - 120
Manganese	0.500	0.479		mg/L		96	80 - 120
Nickel	0.500	0.523		mg/L		105	80 - 120
Selenium	0.100	0.114		mg/L		114	80 - 120
Silver	0.0500	0.0573		mg/L		115	80 - 120
Vanadium	0.500	0.519		mg/L		104	80 - 120

Lab Sample ID: LCS 500-822646/2-A

Matrix: Solid

Analysis Batch: 823557

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822646

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.904		mg/L		90	80 - 120
Zinc	0.500	0.614	*+	mg/L		123	80 - 120

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: MB 500-822696/1-A

Matrix: Solid

Analysis Batch: 823443

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 822696

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.0		2.0	0.39	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Arsenic	<1.0		1.0	0.34	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Barium	<1.0		1.0	0.11	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Beryllium	<0.40		0.40	0.093	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Boron	0.478	J	5.0	0.47	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Cadmium	<0.20		0.20	0.036	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Chromium	<1.0		1.0	0.50	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Copper	<1.0		1.0	0.28	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Iron	<20		20	10	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Magnesium	<10		10	5.0	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Nickel	<1.0		1.0	0.29	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Selenium	<1.0		1.0	0.59	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Silver	<0.50		0.50	0.13	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Thallium	<1.0		1.0	0.50	mg/Kg		06/20/25 16:12	06/26/25 02:20	1
Vanadium	<0.50		0.50	0.12	mg/Kg		06/20/25 16:12	06/26/25 02:20	1

Lab Sample ID: MB 500-822696/1-A

Matrix: Solid

Analysis Batch: 823757

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 822696

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	<0.50		0.50	0.13	mg/Kg		06/20/25 16:12	06/27/25 12:59	1
Lead	<0.50		0.50	0.23	mg/Kg		06/20/25 16:12	06/27/25 12:59	1
Manganese	<1.0		1.0	0.15	mg/Kg		06/20/25 16:12	06/27/25 12:59	1
Zinc	0.977	J	2.0	0.88	mg/Kg		06/20/25 16:12	06/27/25 12:59	1

Lab Sample ID: LCS 500-822696/2-A

Matrix: Solid

Analysis Batch: 823443

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822696

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	50.0	46.7		mg/Kg		93	80 - 120
Arsenic	10.0	9.43		mg/Kg		94	80 - 120
Barium	200	201		mg/Kg		100	80 - 120
Beryllium	5.00	4.48		mg/Kg		90	80 - 120
Boron	100	97.9		mg/Kg		98	80 - 120
Cadmium	5.00	5.02		mg/Kg		100	80 - 120
Chromium	20.0	20.6		mg/Kg		103	80 - 120
Copper	25.0	23.9		mg/Kg		96	80 - 120
Iron	100	111		mg/Kg		111	80 - 120
Magnesium	1000	1030		mg/Kg		103	80 - 120
Nickel	50.0	52.7		mg/Kg		105	80 - 120
Selenium	10.0	8.45		mg/Kg		85	80 - 120
Silver	5.00	4.68		mg/Kg		94	80 - 120
Thallium	10.0	10.6		mg/Kg		106	80 - 120
Vanadium	50.0	51.1		mg/Kg		102	80 - 120

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-822696/2-A

Matrix: Solid

Analysis Batch: 823757

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822696

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cobalt	50.0	48.5		mg/Kg		97	80 - 120
Lead	10.0	9.97		mg/Kg		100	80 - 120
Manganese	50.0	48.5		mg/Kg		97	80 - 120
Zinc	50.0	48.5		mg/Kg		97	80 - 120

Lab Sample ID: MB 500-822697/1-A

Matrix: Solid

Analysis Batch: 823785

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 822697

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.0		2.0	0.39	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Arsenic	<1.0		1.0	0.34	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Barium	<1.0		1.0	0.11	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Beryllium	<0.40		0.40	0.093	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Boron	<5.0		5.0	0.47	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Cadmium	<0.20		0.20	0.036	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Chromium	<1.0		1.0	0.50	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Cobalt	<0.50		0.50	0.13	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Copper	<1.0		1.0	0.28	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Iron	<20		20	10	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Lead	<0.50		0.50	0.23	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Magnesium	<10		10	5.0	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Manganese	<1.0		1.0	0.15	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Nickel	<1.0		1.0	0.29	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Thallium	<1.0		1.0	0.50	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Vanadium	<0.50		0.50	0.12	mg/Kg		06/20/25 16:13	06/27/25 21:43	1
Zinc	0.953	J	2.0	0.88	mg/Kg		06/20/25 16:13	06/27/25 21:43	1

Lab Sample ID: MB 500-822697/1-A

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 822697

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	<1.0		1.0	0.59	mg/Kg		06/20/25 16:13	06/30/25 11:43	1
Silver	<0.50		0.50	0.13	mg/Kg		06/20/25 16:13	06/30/25 11:43	1

Lab Sample ID: LCS 500-822697/2-A

Matrix: Solid

Analysis Batch: 823785

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	50.0	48.2		mg/Kg		96	80 - 120
Arsenic	10.0	9.97		mg/Kg		100	80 - 120
Barium	200	205		mg/Kg		102	80 - 120
Beryllium	5.00	5.14		mg/Kg		103	80 - 120
Boron	100	103		mg/Kg		103	80 - 120
Cadmium	5.00	4.95		mg/Kg		99	80 - 120
Chromium	20.0	20.6		mg/Kg		103	80 - 120
Cobalt	50.0	50.2		mg/Kg		100	80 - 120

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-822697/2-A

Matrix: Solid

Analysis Batch: 823785

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Copper	25.0	26.1		mg/Kg		104	80 - 120
Iron	100	102		mg/Kg		102	80 - 120
Lead	10.0	9.96		mg/Kg		100	80 - 120
Magnesium	1000	1010		mg/Kg		101	80 - 120
Manganese	50.0	48.8		mg/Kg		98	80 - 120
Nickel	50.0	51.4		mg/Kg		103	80 - 120
Thallium	10.0	10.4		mg/Kg		104	80 - 120
Vanadium	50.0	50.1		mg/Kg		100	80 - 120
Zinc	50.0	54.2		mg/Kg		108	80 - 120

Lab Sample ID: LCS 500-822697/2-A

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	10.0	9.37		mg/Kg		94	80 - 120
Silver	5.00	4.49		mg/Kg		90	80 - 120

Lab Sample ID: 500-270096-16 MS

Matrix: Solid

Analysis Batch: 823785

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<1.2	F1	29.1	6.76	F1	mg/Kg	✱	23	75 - 125
Arsenic	7.2	F1 F2	5.81	11.0	F1	mg/Kg	✱	66	75 - 125
Barium	49	F2	116	138		mg/Kg	✱	77	75 - 125
Beryllium	0.79		2.91	3.23		mg/Kg	✱	84	75 - 125
Boron	21		58.1	72.3		mg/Kg	✱	88	75 - 125
Cadmium	0.13		2.91	2.44		mg/Kg	✱	80	75 - 125
Chromium	23		11.6	33.5		mg/Kg	✱	95	75 - 125
Cobalt	12	F1 F2	29.1	37.6		mg/Kg	✱	90	75 - 125
Copper	21		14.5	31.8		mg/Kg	✱	76	75 - 125
Iron	20000		58.1	19300	4	mg/Kg	✱	-2000	75 - 125
Magnesium	26000		581	24600	4	mg/Kg	✱	-249	75 - 125
Manganese	290	F2	29.1	286	4	mg/Kg	✱	-32	75 - 125
Nickel	32	F1 F2	29.1	57.0		mg/Kg	✱	85	75 - 125
Thallium	0.46	J	5.81	5.78		mg/Kg	✱	91	75 - 125
Vanadium	29		29.1	56.5		mg/Kg	✱	95	75 - 125
Zinc	70	B	29.1	94.5		mg/Kg	✱	83	75 - 125

Lab Sample ID: 500-270096-16 MS

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	<0.59		5.81	4.37		mg/Kg	✱	75	75 - 125
Silver	<0.29	L F1	2.91	1.36	F1	mg/Kg	✱	47	75 - 125

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: 500-270096-16 MS

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	14		5.81	19.1		mg/Kg	✱	82	75 - 125

Lab Sample ID: 500-270096-16 MSD

Matrix: Solid

Analysis Batch: 823785

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<1.2	F1	29.5	6.64	F1	mg/Kg	✱	22	75 - 125	2	20
Arsenic	7.2	F1 F2	5.90	15.2	F1 F2	mg/Kg	✱	135	75 - 125	32	20
Barium	49	F2	118	173	F2	mg/Kg	✱	105	75 - 125	22	20
Beryllium	0.79		2.95	3.31		mg/Kg	✱	85	75 - 125	2	20
Boron	21		59.0	71.4		mg/Kg	✱	85	75 - 125	1	20
Cadmium	0.13		2.95	2.51		mg/Kg	✱	81	75 - 125	2	20
Chromium	23		11.8	34.0		mg/Kg	✱	97	75 - 125	1	20
Cobalt	12	F1 F2	29.5	52.4	F1 F2	mg/Kg	✱	138	75 - 125	33	20
Copper	21		14.8	34.8		mg/Kg	✱	96	75 - 125	9	20
Iron	20000		59.0	23500	4	mg/Kg	✱	5146	75 - 125	20	20
Magnesium	26000		590	24900	4	mg/Kg	✱	-196	75 - 125	1	20
Manganese	290	F2	29.5	553	4 F2	mg/Kg	✱	875	75 - 125	64	20
Nickel	32	F1 F2	29.5	80.7	F1 F2	mg/Kg	✱	164	75 - 125	35	20
Thallium	0.46	J	5.90	6.20		mg/Kg	✱	97	75 - 125	7	20
Vanadium	29		29.5	58.9		mg/Kg	✱	101	75 - 125	4	20
Zinc	70	B	29.5	104		mg/Kg	✱	113	75 - 125	9	20

Lab Sample ID: 500-270096-16 MSD

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Selenium	<0.59		5.90	4.56		mg/Kg	✱	77	75 - 125	4	20
Silver	<0.29	L F1	2.95	1.13	F1	mg/Kg	✱	38	75 - 125	18	20

Lab Sample ID: 500-270096-16 MSD

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	14		5.90	21.4		mg/Kg	✱	120	75 - 125	11	20

Lab Sample ID: 500-270096-16 DU

Matrix: Solid

Analysis Batch: 823785

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<1.2	F1	<1.1		mg/Kg	✱	NC	20
Arsenic	7.2	F1 F2	7.21		mg/Kg	✱	0.3	20
Barium	49	F2	47.4		mg/Kg	✱	2	20
Beryllium	0.79		0.756		mg/Kg	✱	5	20
Boron	21		18.6		mg/Kg	✱	12	20

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: 500-270096-16 DU

Matrix: Solid

Analysis Batch: 823785

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Cadmium	0.13		0.122		mg/Kg	✱	5	20
Chromium	23		21.7		mg/Kg	✱	4	20
Cobalt	12	F1 F2	17.4	F3	mg/Kg	✱	40	20
Copper	21		21.5		mg/Kg	✱	4	20
Iron	20000		19900		mg/Kg	✱	3	20
Magnesium	26000		22100		mg/Kg	✱	16	20
Manganese	290	F2	366	F3	mg/Kg	✱	22	20
Nickel	32	F1 F2	36.9		mg/Kg	✱	13	20
Thallium	0.46	J	0.550	J	mg/Kg	✱	18	20
Vanadium	29		27.3		mg/Kg	✱	6	20
Zinc	70	B	68.8		mg/Kg	✱	2	20

Lab Sample ID: 500-270096-16 DU

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Selenium	<0.59		<0.56		mg/Kg	✱	NC	20
Silver	<0.29	L F1	<0.28	L	mg/Kg	✱	NC	20

Lab Sample ID: 500-270096-16 DU

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: 3641V-06-B02 (0-2)

Prep Type: Total/NA

Prep Batch: 822697

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Lead	14		14.7		mg/Kg	✱	2	20

Lab Sample ID: MB 500-822848/1-A

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 822848

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	<1.0		1.0	0.59	mg/Kg		06/23/25 08:59	06/30/25 19:27	1
Silver	0.155	J	0.50	0.13	mg/Kg		06/23/25 08:59	06/30/25 19:27	1

Lab Sample ID: LCS 500-822848/2-A

Matrix: Solid

Analysis Batch: 823996

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822848

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	10.0	9.31		mg/Kg		93	80 - 120
Silver	5.00	4.23		mg/Kg		85	80 - 120

Lab Sample ID: LB 500-822250/1-B

Matrix: Solid

Analysis Batch: 822771

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 822509

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00721	J	0.010	0.0037	mg/L		06/19/25 15:35	06/20/25 16:15	1
Barium	0.00284	J	0.010	0.0012	mg/L		06/19/25 15:35	06/20/25 16:15	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LB 500-822250/1-B

Matrix: Solid

Analysis Batch: 822771

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 822509

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.0040		0.0040	0.00089	mg/L		06/19/25 15:35	06/20/25 16:15	1
Boron	<0.50		0.50	0.0056	mg/L		06/19/25 15:35	06/20/25 16:15	1
Cadmium	<0.0050		0.0050	0.00043	mg/L		06/19/25 15:35	06/20/25 16:15	1
Chromium	0.00235	J	0.010	0.0017	mg/L		06/19/25 15:35	06/20/25 16:15	1
Cobalt	<0.0050		0.0050	0.00078	mg/L		06/19/25 15:35	06/20/25 16:15	1
Copper	<0.010		0.010	0.0018	mg/L		06/19/25 15:35	06/20/25 16:15	1
Iron	0.0957	J	0.40	0.082	mg/L		06/19/25 15:35	06/20/25 16:15	1
Lead	<0.0075		0.0075	0.0027	mg/L		06/19/25 15:35	06/20/25 16:15	1
Manganese	<0.010		0.010	0.0023	mg/L		06/19/25 15:35	06/20/25 16:15	1
Nickel	<0.010		0.010	0.0048	mg/L		06/19/25 15:35	06/20/25 16:15	1
Selenium	0.00570	J	0.050	0.0053	mg/L		06/19/25 15:35	06/20/25 16:15	1
Silver	<0.0050		0.0050	0.0015	mg/L		06/19/25 15:35	06/20/25 16:15	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		06/19/25 15:35	06/20/25 16:15	1
Zinc	<0.50		0.50	0.0050	mg/L		06/19/25 15:35	06/20/25 16:15	1

Lab Sample ID: LB 500-822394/1-B

Matrix: Solid

Analysis Batch: 823443

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 822646

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.010	0.0037	mg/L		06/20/25 13:17	06/26/25 00:09	1
Barium	0.00300	J	0.010	0.0012	mg/L		06/20/25 13:17	06/26/25 00:09	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		06/20/25 13:17	06/26/25 00:09	1
Cadmium	<0.0050		0.0050	0.00043	mg/L		06/20/25 13:17	06/26/25 00:09	1
Chromium	0.00189	J	0.010	0.0017	mg/L		06/20/25 13:17	06/26/25 00:09	1
Cobalt	<0.0050		0.0050	0.00078	mg/L		06/20/25 13:17	06/26/25 00:09	1
Copper	<0.010		0.010	0.0018	mg/L		06/20/25 13:17	06/26/25 00:09	1
Iron	<0.40		0.40	0.082	mg/L		06/20/25 13:17	06/26/25 00:09	1
Lead	<0.0075		0.0075	0.0027	mg/L		06/20/25 13:17	06/26/25 00:09	1
Manganese	<0.010		0.010	0.0023	mg/L		06/20/25 13:17	06/26/25 00:09	1
Nickel	<0.010		0.010	0.0048	mg/L		06/20/25 13:17	06/26/25 00:09	1
Selenium	0.00623	J	0.050	0.0053	mg/L		06/20/25 13:17	06/26/25 00:09	1
Silver	<0.0050		0.0050	0.0015	mg/L		06/20/25 13:17	06/26/25 00:09	1
Vanadium	<0.0050		0.0050	0.00092	mg/L		06/20/25 13:17	06/26/25 00:09	1

Lab Sample ID: LB 500-822394/1-B

Matrix: Solid

Analysis Batch: 823557

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 822646

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.50		0.50	0.0056	mg/L		06/20/25 13:17	06/26/25 14:24	1
Zinc	<0.50		0.50	0.0050	mg/L		06/20/25 13:17	06/26/25 14:24	1

Lab Sample ID: LB 500-822251/1-B

Matrix: Solid

Analysis Batch: 822772

Client Sample ID: Method Blank

Prep Type: SPLP East

Prep Batch: 822485

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.0075		0.0075	0.0027	mg/L		06/19/25 13:59	06/20/25 15:29	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LB 500-822251/1-B

Matrix: Solid

Analysis Batch: 822772

Client Sample ID: Method Blank

Prep Type: SPLP East

Prep Batch: 822485

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	<0.010		0.010	0.0023	mg/L		06/19/25 13:59	06/20/25 15:29	1
Nickel	<0.010		0.010	0.0048	mg/L		06/19/25 13:59	06/20/25 15:29	1

Lab Sample ID: LB 500-822412/1-B

Matrix: Solid

Analysis Batch: 823048

Client Sample ID: Method Blank

Prep Type: SPLP East

Prep Batch: 822645

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.0075		0.0075	0.0027	mg/L		06/20/25 13:15	06/24/25 00:58	1

Lab Sample ID: LB 500-822412/1-B

Matrix: Solid

Analysis Batch: 823997

Client Sample ID: Method Blank

Prep Type: SPLP East

Prep Batch: 822645

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	<0.010		0.010	0.0023	mg/L		06/20/25 13:15	07/01/25 02:52	1
Nickel	<0.010		0.010	0.0048	mg/L		06/20/25 13:15	07/01/25 02:52	1

Lab Sample ID: 500-270096-15 MS

Matrix: Solid

Analysis Batch: 823048

Client Sample ID: 3641V-08-B01 (0-2)

Prep Type: SPLP East

Prep Batch: 822645

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.070		0.100	0.175		mg/L		105	75 - 125

Lab Sample ID: 500-270096-15 MS

Matrix: Solid

Analysis Batch: 823997

Client Sample ID: 3641V-08-B01 (0-2)

Prep Type: SPLP East

Prep Batch: 822645

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	0.53		0.500	1.01		mg/L		96	75 - 125
Nickel	0.23		0.500	0.763		mg/L		107	75 - 125

Lab Sample ID: 500-270096-15 DU

Matrix: Solid

Analysis Batch: 823048

Client Sample ID: 3641V-08-B01 (0-2)

Prep Type: SPLP East

Prep Batch: 822645

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Lead	0.070		0.0762		mg/L		9	20

Lab Sample ID: 500-270096-15 DU

Matrix: Solid

Analysis Batch: 823997

Client Sample ID: 3641V-08-B01 (0-2)

Prep Type: SPLP East

Prep Batch: 822645

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Manganese	0.53		0.618		mg/L		16	20
Nickel	0.23		0.255		mg/L		11	20

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: LCS 500-822509/2-A

Matrix: Solid

Analysis Batch: 823349

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822509

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.566		mg/L		113	80 - 120
Thallium	0.100	0.107		mg/L		107	80 - 120

Lab Sample ID: LCS 500-822646/2-A

Matrix: Solid

Analysis Batch: 823349

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822646

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.577		mg/L		115	80 - 120
Thallium	0.100	0.108		mg/L		108	80 - 120

Lab Sample ID: LB 500-822250/1-B

Matrix: Solid

Analysis Batch: 823349

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 822509

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0060	mg/L		06/19/25 15:35	06/25/25 12:12	1
Thallium	<0.0020		0.0020	0.0020	mg/L		06/19/25 15:35	06/25/25 12:12	1

Lab Sample ID: LB 500-822394/1-B

Matrix: Solid

Analysis Batch: 823349

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 822646

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0060	mg/L		06/20/25 13:17	06/25/25 13:50	1
Thallium	<0.0020		0.0020	0.0020	mg/L		06/20/25 13:17	06/25/25 13:50	1

Method: 7470A - Mercury

Lab Sample ID: MB 500-822891/12-A

Matrix: Solid

Analysis Batch: 823110

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 822891

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/23/25 11:05	06/24/25 10:29	1

Lab Sample ID: LCS 500-822891/14-A

Matrix: Solid

Analysis Batch: 823110

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822891

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00227		mg/L		114	80 - 120

Lab Sample ID: MB 500-823094/12-A

Matrix: Solid

Analysis Batch: 823301

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 823094

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/24/25 11:05	06/25/25 11:25	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Method: 7470A - Mercury (Continued)

Lab Sample ID: LCS 500-823094/14-A
Matrix: Solid
Analysis Batch: 823301

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 823094

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00201		mg/L		101	80 - 120

Lab Sample ID: MB 500-823485/12-A
Matrix: Solid
Analysis Batch: 823684

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 823485

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/26/25 11:10	06/27/25 09:19	1

Lab Sample ID: LCS 500-823485/14-A
Matrix: Solid
Analysis Batch: 823684

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 823485

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00182		mg/L		91	80 - 120

Lab Sample ID: LB 500-822250/1-C
Matrix: Solid
Analysis Batch: 823110

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 822891

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000296		0.00020	0.00020	mg/L		06/23/25 11:05	06/24/25 10:31	1

Lab Sample ID: LB 500-822394/1-C
Matrix: Solid
Analysis Batch: 823301

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 823094

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000214		0.00020	0.00020	mg/L		06/24/25 11:05	06/25/25 12:08	1

Lab Sample ID: LB 500-822250/1-D
Matrix: Solid
Analysis Batch: 823684

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 823485

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000227		0.00020	0.00020	mg/L		06/26/25 11:10	06/27/25 09:50	1

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 500-823672/12-A
Matrix: Solid
Analysis Batch: 823885

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 823672

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.017		0.017	0.0069	mg/Kg		06/27/25 14:00	06/30/25 08:21	1

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: LCS 500-823672/13-A

Matrix: Solid

Analysis Batch: 823885

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 823672

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.167	0.153		mg/Kg		92	80 - 120

Lab Sample ID: 500-270096-9 MS

Matrix: Solid

Analysis Batch: 823885

Client Sample ID: 3641V-05-B02 (5-10)

Prep Type: Total/NA

Prep Batch: 823672

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.021		0.0872	0.120		mg/Kg	✱	114	75 - 125

Lab Sample ID: 500-270096-9 MSD

Matrix: Solid

Analysis Batch: 823885

Client Sample ID: 3641V-05-B02 (5-10)

Prep Type: Total/NA

Prep Batch: 823672

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.021		0.0887	0.118		mg/Kg	✱	110	75 - 125	2	20

Lab Sample ID: 500-270096-9 DU

Matrix: Solid

Analysis Batch: 823885

Client Sample ID: 3641V-05-B02 (5-10)

Prep Type: Total/NA

Prep Batch: 823672

Analyte	Sample Result	Sample Qualifier	Spike Added	DU Result	DU Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.021			0.0155	J F5	mg/Kg	✱			28	20

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

Lab Sample ID: MB 500-822449/1-A

Matrix: Solid

Analysis Batch: 822763

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 822449

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.24		0.24	0.12	mg/Kg		06/19/25 13:17	06/19/25 16:39	1

Lab Sample ID: LCS 500-822449/2-A

Matrix: Solid

Analysis Batch: 822763

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822449

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	2.40	2.30		mg/Kg		96	85 - 115

Lab Sample ID: 500-270096-1 MS

Matrix: Solid

Analysis Batch: 822763

Client Sample ID: 3641V-01-B02 (0-7)

Prep Type: Total/NA

Prep Batch: 822449

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	<0.25		2.50	2.45		mg/Kg	✱	98	75 - 125

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QC Sample Results

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Lab Sample ID: 500-270096-1 MSD

Matrix: Solid

Analysis Batch: 822763

Client Sample ID: 3641V-01-B02 (0-7)

Prep Type: Total/NA

Prep Batch: 822449

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	<0.25		2.57	2.52		mg/Kg	✱	98	75 - 125	3	20

Lab Sample ID: 500-270096-15 MS

Matrix: Solid

Analysis Batch: 822763

Client Sample ID: 3641V-08-B01 (0-2)

Prep Type: Total/NA

Prep Batch: 822449

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	<0.26	F1 F2	2.68	1.28	F1	mg/Kg	✱	48	75 - 125		

Lab Sample ID: 500-270096-15 MSD

Matrix: Solid

Analysis Batch: 822763

Client Sample ID: 3641V-08-B01 (0-2)

Prep Type: Total/NA

Prep Batch: 822449

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	<0.26	F1 F2	2.59	0.337	F1 F2	mg/Kg	✱	13	75 - 125	117	20

Method: 9045D - pH

Lab Sample ID: 500-270096-14 DU

Matrix: Solid

Analysis Batch: 822679

Client Sample ID: 3641V-10-B01 (0-2)

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	8.3		8.0		SU		3	5

Lab Sample ID: 500-270096-14 DU

Matrix: Solid

Analysis Batch: 822833

Client Sample ID: 3641V-10-B01 (0-2)

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	8.3		8.0		SU		3	5

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-01-B02 (0-7)

Lab Sample ID: 500-270096-1

Date Collected: 06/16/25 10:45

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:22
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		5	823048	S1Z	EET CHI	06/23/25 23:29
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:10
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 12:45
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 10:53
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:25
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-01-B02 (0-7)

Lab Sample ID: 500-270096-1

Date Collected: 06/16/25 10:45

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 14:36
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 19:10
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/27/25 22:36
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 17:31
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 17:35
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:24
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:41

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Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-01-B02 (7-13)

Lab Sample ID: 500-270096-2

Date Collected: 06/16/25 10:50

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:26
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		5	823048	S1Z	EET CHI	06/23/25 23:33
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:23
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 12:49
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 10:55
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:27
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-01-B02 (7-13)

Lab Sample ID: 500-270096-2

Date Collected: 06/16/25 10:50

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 15:02
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 12:36
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/28/25 01:36
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 21:15
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 21:20
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:26
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:43

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Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-01-B01 (0-3)

Lab Sample ID: 500-270096-3

Date Collected: 06/16/25 11:05

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:31
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:28
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 12:53
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 10:57
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:30
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-01-B01 (0-3)

Lab Sample ID: 500-270096-3

Date Collected: 06/16/25 11:05

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 86.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823845	PMF	EET CHI	06/30/25 12:15
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 17:32
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/28/25 01:40
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 21:24
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 21:28
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:28
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:44

Client Sample ID: 3641V-05-B01 (0-5)

Lab Sample ID: 500-270096-4

Date Collected: 06/16/25 11:10

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:35

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B01 (0-5)

Lab Sample ID: 500-270096-4

Date Collected: 06/16/25 11:10

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		5	823048	S1Z	EET CHI	06/23/25 23:38
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:32
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 12:57
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 10:59
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:34
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B01 (0-5)

Lab Sample ID: 500-270096-4

Date Collected: 06/16/25 11:10

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 15:52
Total/NA	Prep	3546			823337	LH	EET CHI	06/25/25 14:04
Total/NA	Analysis	8270E		1	823422	GLR	EET CHI	06/26/25 12:50
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/28/25 01:45
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 21:33
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 21:37
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:30
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:45

Client Sample ID: 3641V-05-B01 (5-10)

Lab Sample ID: 500-270096-5

Date Collected: 06/16/25 11:15

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:39

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B01 (5-10)

Lab Sample ID: 500-270096-5

Date Collected: 06/16/25 11:15

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		5	823048	S1Z	EET CHI	06/23/25 23:42
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:37
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:01
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:01
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:37
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B01 (5-10)

Lab Sample ID: 500-270096-5

Date Collected: 06/16/25 11:15

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 16:17
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 13:01
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/28/25 01:49
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 21:42
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 21:46
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:31
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:46

Client Sample ID: 3641V-05-B01 (10-15)

Lab Sample ID: 500-270096-6

Date Collected: 06/16/25 11:20

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:44

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B01 (10-15)

Lab Sample ID: 500-270096-6

Date Collected: 06/16/25 11:20

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:42
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:05
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:03
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:39
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B01 (10-15)

Lab Sample ID: 500-270096-6

Date Collected: 06/16/25 11:20

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 16:43
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 19:59
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/28/25 01:54
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 21:59
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		10	823996	S1Z	EET CHI	06/30/25 22:03
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:33
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:46

Client Sample ID: 3641V-05-B02 (0-5)

Lab Sample ID: 500-270096-7

Date Collected: 06/16/25 11:35

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:48
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		5	823048	S1Z	EET CHI	06/23/25 23:47

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B02 (0-5)

Lab Sample ID: 500-270096-7

Date Collected: 06/16/25 11:35

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:46
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:09
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:04
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:42
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B02 (0-5)

Lab Sample ID: 500-270096-7

Date Collected: 06/16/25 11:35

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 17:08
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 13:25
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/28/25 01:58
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 22:08
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		5	824132	SJ	EET CHI	07/01/25 12:21
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:35
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:49

Client Sample ID: 3641V-05-B02 (0-5)D

Lab Sample ID: 500-270096-8

Date Collected: 06/16/25 11:40

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:52
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:51

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B02 (0-5)D

Lab Sample ID: 500-270096-8

Date Collected: 06/16/25 11:40

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:14
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:06
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:47
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B02 (0-5)D

Lab Sample ID: 500-270096-8

Date Collected: 06/16/25 11:40

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 17:33
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 14:14
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/28/25 02:03
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 22:12
Total/NA	Prep	3050B			822848	BDE	EET CHI	06/23/25 08:59 - 06/23/25 14:59 ¹
Total/NA	Analysis	6010D		5	824132	SJ	EET CHI	07/01/25 12:25
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:43
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:50

Client Sample ID: 3641V-05-B02 (5-10)

Lab Sample ID: 500-270096-9

Date Collected: 06/16/25 11:45

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 16:56
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 17:55
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:26

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B02 (5-10)

Lab Sample ID: 500-270096-9

Date Collected: 06/16/25 11:45

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:08
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:44
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B02 (5-10)

Lab Sample ID: 500-270096-9

Date Collected: 06/16/25 11:45

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823604	MM	EET CHI	06/27/25 14:27
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 17:56
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823757	S1Z	EET CHI	06/27/25 14:35
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823757	S1Z	EET CHI	06/27/25 15:54
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823767	S1Z	EET CHI	06/27/25 15:54
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823443	S1Z	EET CHI	06/26/25 04:02
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:45
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:51

Client Sample ID: 3641V-05-B03 (0-5)

Lab Sample ID: 500-270096-10

Date Collected: 06/16/25 11:55

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 17:01
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 18:00
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:30
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:10

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B03 (0-5)

Lab Sample ID: 500-270096-10

Date Collected: 06/16/25 11:55

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:49
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B03 (0-5)

Lab Sample ID: 500-270096-10

Date Collected: 06/16/25 11:55

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 83.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 12:03
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 18:21
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823757	S1Z	EET CHI	06/27/25 14:48
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823757	S1Z	EET CHI	06/27/25 15:58
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823767	S1Z	EET CHI	06/27/25 15:58
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823443	S1Z	EET CHI	06/26/25 04:06
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:52
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:51

Client Sample ID: 3641V-05-B03 (5-10)

Lab Sample ID: 500-270096-11

Date Collected: 06/16/25 12:00

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 17:14
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 18:05
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:34
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:16
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:52
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B03 (5-10)

Lab Sample ID: 500-270096-11

Date Collected: 06/16/25 12:00

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 12:28
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 18:46
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823757	S1Z	EET CHI	06/27/25 14:52
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823757	S1Z	EET CHI	06/27/25 16:02
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823767	S1Z	EET CHI	06/27/25 16:02
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823443	S1Z	EET CHI	06/26/25 04:10
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:54
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:53

Client Sample ID: 3641V-05-B04 (0-2)

Lab Sample ID: 500-270096-12

Date Collected: 06/16/25 12:05

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 17:18
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 18:18
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:38
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			823485	MJG	EET CHI	06/26/25 11:10 - 06/26/25 13:10 ¹
TCLP	Analysis	7470A		1	823684	MJG	EET CHI	06/27/25 09:55
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:54
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-05-B04 (0-2)

Lab Sample ID: 500-270096-12

Date Collected: 06/16/25 12:05

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 12:54

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-05-B04 (0-2)

Lab Sample ID: 500-270096-12

Date Collected: 06/16/25 12:05

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 15:53
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823757	S1Z	EET CHI	06/27/25 14:57
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823767	S1Z	EET CHI	06/27/25 16:07
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823443	S1Z	EET CHI	06/26/25 04:15
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:56
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:53

Client Sample ID: 3641V-09-B01 (0-2)

Lab Sample ID: 500-270096-13

Date Collected: 06/16/25 12:10

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 17:23
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 18:23
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:42
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:20
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 13:57
Total/NA	Analysis	Moisture		1	822310	RB	EET CHI	06/18/25 15:36

Client Sample ID: 3641V-09-B01 (0-2)

Lab Sample ID: 500-270096-13

Date Collected: 06/16/25 12:10

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 13:19
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 16:18
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823757	S1Z	EET CHI	06/27/25 15:01

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-09-B01 (0-2)

Lab Sample ID: 500-270096-13

Date Collected: 06/16/25 12:10

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823767	S1Z	EET CHI	06/27/25 16:11
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823443	S1Z	EET CHI	06/26/25 04:19
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:57
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:53

Client Sample ID: 3641V-10-B01 (0-2)

Lab Sample ID: 500-270096-14

Date Collected: 06/16/25 12:15

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822251	TJ	EET CHI	06/18/25 15:47 - 06/19/25 07:47 ¹
SPLP East	Prep	3010A			822485	MS	EET CHI	06/19/25 13:59 - 06/19/25 19:59 ¹
SPLP East	Analysis	6010D		1	822772	S1Z	EET CHI	06/20/25 17:27
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6010D		1	822771	S1Z	EET CHI	06/20/25 18:27
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	3010A			822509	MS	EET CHI	06/19/25 15:35 - 06/19/25 21:35 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 13:46
TCLP	Leach	1311			822250	TJ	EET CHI	06/18/25 16:40 - 06/19/25 10:40 ¹
TCLP	Prep	7470A			822891	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
TCLP	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 11:21
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 14:01
Total/NA	Analysis	Moisture		1	822310	RB	EET CHI	06/18/25 15:36

Client Sample ID: 3641V-10-B01 (0-2)

Lab Sample ID: 500-270096-14

Date Collected: 06/16/25 12:15

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823222	PMF	EET CHI	06/25/25 13:45
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 14:39
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823757	S1Z	EET CHI	06/27/25 15:06
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	824227	S1Z	EET CHI	07/01/25 18:19
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823443	S1Z	EET CHI	06/26/25 04:33

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-10-B01 (0-2)

Lab Sample ID: 500-270096-14

Date Collected: 06/16/25 12:15

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 08:59
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:55

Client Sample ID: 3641V-08-B01 (0-2)

Lab Sample ID: 500-270096-15

Date Collected: 06/16/25 12:20

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822412	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
SPLP East	Prep	3010A			822645	MS	EET CHI	06/20/25 13:15 - 06/20/25 19:15 ¹
SPLP East	Analysis	6010D		1	823997	SJ	EET CHI	07/01/25 03:00
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823443	S1Z	EET CHI	06/25/25 16:19
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823557	S1Z	EET CHI	06/26/25 14:33
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 14:07
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	7470A			823094	MJG	EET CHI	06/24/25 11:05 - 06/24/25 13:05 ¹
TCLP	Analysis	7470A		1	823301	MJG	EET CHI	06/25/25 12:10
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 14:06
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-08-B01 (0-2)

Lab Sample ID: 500-270096-15

Date Collected: 06/16/25 12:20

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823604	MM	EET CHI	06/27/25 14:55
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 19:35
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823757	S1Z	EET CHI	06/27/25 15:10
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823757	S1Z	EET CHI	06/27/25 16:15
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		5	823767	S1Z	EET CHI	06/27/25 16:15
Total/NA	Prep	3050B			822696	MS	EET CHI	06/20/25 16:12 - 06/20/25 21:12 ¹
Total/NA	Analysis	6010D		1	823443	S1Z	EET CHI	06/26/25 04:37

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-08-B01 (0-2)

Lab Sample ID: 500-270096-15

Date Collected: 06/16/25 12:20

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 87.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 09:06
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 16:55

Client Sample ID: 3641V-06-B02 (0-2)

Lab Sample ID: 500-270096-16

Date Collected: 06/16/25 12:25

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822412	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
SPLP East	Prep	3010A			822645	MS	EET CHI	06/20/25 13:15 - 06/20/25 19:15 ¹
SPLP East	Analysis	6010D		1	823997	SJ	EET CHI	07/01/25 03:18
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823443	S1Z	EET CHI	06/25/25 16:24
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823557	S1Z	EET CHI	06/26/25 14:52
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 14:11
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	7470A			823094	MJG	EET CHI	06/24/25 11:05 - 06/24/25 13:05 ¹
TCLP	Analysis	7470A		1	823301	MJG	EET CHI	06/25/25 12:12
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 14:09
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-06-B02 (0-2)

Lab Sample ID: 500-270096-16

Date Collected: 06/16/25 12:25

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 83.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823459	MM	EET CHI	06/26/25 18:44
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 16:42
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/27/25 21:52
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 16:04
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 16:08
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 09:08

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-06-B02 (0-2)

Lab Sample ID: 500-270096-16

Date Collected: 06/16/25 12:25

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 83.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 17:00

Client Sample ID: 3641V-06-B01 (0-2)

Lab Sample ID: 500-270096-17

Date Collected: 06/16/25 12:30

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822412	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
SPLP East	Prep	3010A			822645	MS	EET CHI	06/20/25 13:15 - 06/20/25 19:15 ¹
SPLP East	Analysis	6010D		1	823997	SJ	EET CHI	07/01/25 03:22
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823443	S1Z	EET CHI	06/25/25 16:28
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823557	S1Z	EET CHI	06/26/25 14:56
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 14:15
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	7470A			823094	MJG	EET CHI	06/24/25 11:05 - 06/24/25 13:05 ¹
TCLP	Analysis	7470A		1	823301	MJG	EET CHI	06/25/25 12:27
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 14:11
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-06-B01 (0-2)

Lab Sample ID: 500-270096-17

Date Collected: 06/16/25 12:30

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 88.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823459	MM	EET CHI	06/26/25 19:11
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 17:07
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/27/25 22:23
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 16:56
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 17:01
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 09:09
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 17:00

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-04-B02 (0-2)

Lab Sample ID: 500-270096-18

Date Collected: 06/16/25 12:35

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822412	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
SPLP East	Prep	3010A			822645	MS	EET CHI	06/20/25 13:15 - 06/20/25 19:15 ¹
SPLP East	Analysis	6010D		1	823997	SJ	EET CHI	07/01/25 03:26
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823443	S1Z	EET CHI	06/25/25 16:42
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823557	S1Z	EET CHI	06/26/25 15:01
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 14:19
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	7470A			823094	MJG	EET CHI	06/24/25 11:05 - 06/24/25 13:05 ¹
TCLP	Analysis	7470A		1	823301	MJG	EET CHI	06/25/25 12:29
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 14:14
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-04-B02 (0-2)

Lab Sample ID: 500-270096-18

Date Collected: 06/16/25 12:35

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 85.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823459	MM	EET CHI	06/26/25 19:38
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 15:04
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/27/25 22:27
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 17:05
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 17:09
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 09:11
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 17:01

Eurofins Chicago

Lab Chronicle

Client: WSP USA Inc
Project/Site: IDOT - 196-002-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

Client Sample ID: 3641V-04-B01 (0-2)

Lab Sample ID: 500-270096-19

Date Collected: 06/16/25 12:40

Matrix: Solid

Date Received: 06/16/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			822412	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
SPLP East	Prep	3010A			822645	MS	EET CHI	06/20/25 13:15 - 06/20/25 19:15 ¹
SPLP East	Analysis	6010D		1	823997	SJ	EET CHI	07/01/25 03:31
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823443	S1Z	EET CHI	06/25/25 16:46
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6010D		1	823557	S1Z	EET CHI	06/26/25 15:06
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	3010A			822646	MS	EET CHI	06/20/25 13:17 - 06/20/25 19:17 ¹
TCLP	Analysis	6020B		1	823349	RN	EET CHI	06/25/25 14:23
TCLP	Leach	1311			822394	RJ	EET CHI	06/19/25 14:41 - 06/20/25 08:41 ¹
TCLP	Prep	7470A			823094	MJG	EET CHI	06/24/25 11:05 - 06/24/25 13:05 ¹
TCLP	Analysis	7470A		1	823301	MJG	EET CHI	06/25/25 12:31
Total/NA	Analysis	9045D		1	822679	RB	EET CHI	06/20/25 14:16
Total/NA	Analysis	Moisture		1	822216	RB	EET CHI	06/18/25 09:55

Client Sample ID: 3641V-04-B01 (0-2)

Lab Sample ID: 500-270096-19

Date Collected: 06/16/25 12:40

Matrix: Solid

Date Received: 06/16/25 14:40

Percent Solids: 89.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			823131	OP	EET CHI	06/16/25 15:43
Total/NA	Analysis	8260D		1	823459	MM	EET CHI	06/26/25 20:07
Total/NA	Prep	3546			823218	SC	EET CHI	06/25/25 07:38
Total/NA	Analysis	8270E		1	823426	W1T	EET CHI	06/26/25 15:28
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823785	S1Z	EET CHI	06/27/25 22:32
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		1	823996	S1Z	EET CHI	06/30/25 17:14
Total/NA	Prep	3050B			822697	MS	EET CHI	06/20/25 16:13 - 06/20/25 21:13 ¹
Total/NA	Analysis	6010D		5	823996	S1Z	EET CHI	06/30/25 17:18
Total/NA	Prep	7471B			823672	MJG	EET CHI	06/27/25 14:00
Total/NA	Analysis	7471B		1	823885	MJG	EET CHI	06/30/25 09:13
Total/NA	Prep	9010C			822449	AC	EET CHI	06/19/25 13:17 - 06/19/25 13:47 ¹
Total/NA	Analysis	9012B		1	822763	AC	EET CHI	06/19/25 17:02

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-WO57A IL 72 Hoffman Estates

Job ID: 500-270096-1

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

Address _____

_____Regulatory Program. ☐ DW ☐ NPDES ☐ RCRA ☐ Other

Client Contact		Project Manager <u>J. Hughes</u>		Site Contact <u>T. Trujillo</u>		Date <u>6-16-25</u>		COC No <u>1</u> of <u>2</u> COCs		
Company Name <u>WSP</u>		Tel/Email		Lab Contact		Carrier		Sampler		
Address <u>30 N LaSalle St</u>		Analysis Turnaround Time ☒ CALENDAR DAYS ☐ WORKING DAYS TAT if different from Below _____ ☒ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Filtered Sample (Y/N) Perform MS/MSD (Y/N) VOCs SVOCs pH Y-Solids Total Metals TCLP &		 500-270096 COC		For Lab Use Only		
City/State/Zip <u>Chicago IL 60602</u>								Walk-in Client		
Phone								Lab Sampling		
Fax										
Project Name <u>WSP 11 W057A Hoffman Estates</u>								Job / SDG No		
Site <u>US-WSP-31463035.2676</u>								<u>500-270096</u>		
PO #										
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp G=Grab)	Matrix	# of Cont.	Sample Specific Notes			
1	3641V-01-B02 (0-7)	6/16/25	1045	G	S	2	/	/	/	/
2	3641V-01-B02 (7-13)		1050				/	/	/	/
3	3641V-01-B01 (0-3)		1105				/	/	/	/
4	3641V-05-B01 (0-5)		1110				/	/	/	/
5	3641V-05-B01 (5-10)		1115				/	/	/	/
6	3641V-05-B01 (10-15)		1120				/	/	/	/
7	3641V-05-B02 (0-5)		1135				/	/	/	/
8	3641V-05-B02 (0-5) Dup		1140				/	/	/	/
9	3641V-05-B02 (5-10)		1145				/	/	/	/
10	3641V-05-B03 (0-5)		1155				/	/	/	/
11	3641V-05-B03 (5-10)		1200				/	/	/	/
12	3641V-05-B04 (0-2)	V	1205				/	/	/	/
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other										
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample							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: <u>* SPLP analysis based on TCLP results</u>										
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No		Cooler Temp (°C) Obs'd		Corr'd		Therm ID No		
Relinquished by <u>707717</u>		Company <u>WSP</u>		Date/Time <u>6-16-25</u>		Received by		Company		Date/Time
Relinquished by		Company		Date/Time <u>1440</u>		Received by		Company		Date/Time
Relinquished by		Company		Date/Time		Received in Laboratory by <u>Adrian Kuy</u>		Company <u>FEETA</u>		Date/Time <u>06/16/25 1440</u>

Regulatory Program. ☐ DW ☐ NPDES ☐ RCRA ☐ Other:Address _____

Client Contact		Project Manager <u>J. Hughes</u>		Site Contact <u>T. Tojmar</u>		Date <u>6/16/25</u>		COC No <u>2</u>		
Company Name <u>WSP</u>		Tel/Email		Lab Contact		Carrier		<u>2</u> of <u>2</u> COCs		
Address <u>30 N LaSalle St</u>		Analysis Turnaround Time		Filtered Sample (Y/N) Perform MS/MSD (Y/N) <u>NOCs</u> <u>SVOCs</u> <u>pH</u> <u>Solids</u> <u>Total Metals</u> <u>TCLP</u>				Sampler		
City/State/Zip <u>Ch. Cgo, IL 60602</u>		☒ CALENDAR DAYS ☐ WORKING DAYS						For Lab Use Only.		
Phone		TAT if different from Below _____						Walk-in Client		
Fax		☒ 2 weeks						Lab Sampling		
Project Name <u>BP 11 W57A Hoffman Estates</u>		☐ 1 week								
Site <u>US-WSP-31403035 7676</u>		☐ 2 days				Job / SDG No				
PO #		☐ 1 day				500-270096				
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Sample Specific Notes			
3641V-09-B01 (0-2)		6/16/25	1210	G	S	2				
3641V-10-B01 (0-2)		1	1215	1	1	1				
3641V-08-B01 (0-2)		1	1220	1	1	1				
3641V-06-B02 (0-2)		1	1225	1	1	1				
3641V-06-B01 (0-2)		1	1230	1	1	1				
3641V-04-B02 (0-4)		1	1235	1	1	1				
3641V-04-B01 (0-2)		1	1240	1	1	1				
Preservation Used: 1=Ice, 2=HCl; 3=H2SO4; 4=HNO3; 5=NaOH; 6=Other										
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)				
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown						☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months				
Special Instructions/QC Requirements & Comments: <u>\$ SPLP analysis based on TCLP results</u>										
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No		Cooler Temp (°C) Obs'd _____ Corr'd _____		Therm ID No _____				
Relinquished by <u>7/7/25</u>		Company <u>WSP</u>		Date/Time <u>6-16-25</u>		Received by		Company		
Relinquished by		Company		Date/Time <u>1440</u>		Received by		Company		
Relinquished by		Company		Date/Time		Received in Laboratory by <u>And Kye</u>		Company <u>FEETA</u>		
								Date/Time <u>06/16/25 1440</u>		

Login Sample Receipt Checklist

Client: WSP USA Inc

Job Number: 500-270096-1

Login Number: 270096

List Source: Eurofins Chicago

List Number: 1

Creator: Scott, Sherri L

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	Received same day of collection; chilling process has begun.
Cooler Temperature is recorded.	True	9.9,12.6,10.4
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 <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	