CORRECTIVE ACTION FORM

COBEY, LLC

Property Name: Cobey-Buffalo Lakeside Commerce Park-Parcels 1&2

Property Address: 1 Ship Canal Parkway

City: Buffalo State: New York Zip Code: 14218

Property ID: (Tax Assessment Map)
Section: 132.19 Block: 2 Lot(s): 1.1
Total Acreage:12.3

Weather (during inspection): Temperature: 75° Conditions: Sunny

An inspection of the subject property on December 5, 2023 identified the need for corrective action. An unreported sewer line repair was observed on the north side of the property beginning at the edge of Ship Canal Parkway and running beneath the sidewalk with a new standpipe stickup on the south side of the public sidewalk. It was determined that this repair was due to an emergency repair of a collapsed sewer lateral from the building to the main sewer line, which was discovered on September 4, 2023. Work was conducted immediately following discovery. Excavation of the line repair was completed to a depth of 5 feet which was below the demarcation barrier. No soil was removed offsite during repair activities.

CORRECTIVE ACTION TAKEN

Description: In-situ pre-characterization of soil to be disposed of were collected on May 22,2026 in accordance with the May 20, 2026 correspondence and approval from NYSDEC. The emergency repair area was excavated to a minimum depth of 12 inches. A demarcation barrier consisting of a bright orange fine polypropylene mesh with a mesh size of ¾-inches by $^{5}/_{8}$-inches was then installed, overlapping with the existing demarcation layer. Clean topsoil was placed to existing grades and hydroseeded. Excavated materials were live-loaded into dump trucks for transportation and disposal at WM of New York at Chaffee Landfill. Approximately 26 tons of materials were disposed of at Chaffee Landfill.

See attached Site Location Map and photographs.

Date Completed: Corrective measures were completed on July 1, 2026. As of the date of this inspection, August 31, 2026, vegetation has been established over the repair area.

SIGNATURE

The corrective action described above was completed in accordance with all relevant requirements of the Remedial Action Work Plan and the cover system engineering control is in place and functioning as designed.

Michael Higgins

Michael Higgins

Date: 09/15/26



ATTACHMENTS

1. Site Location Map & Photograph
2. Waste Characterization Analytical Data
3. Imported Topsoil Information & Analytical Data
4. CAMP Data
5. Waste Manifests & Weight Tickets

Attachment 1

Site Location Map & Photograph

ARCADIS

Site Location Map

Cobey-Buffalo Lakeside Commerce Park-Parcels 1&2



Photo 1: Repair Area

Attachment 2

Waste Characterization Analytical Data

ANALYTICAL REPORT

Lab Number:	L2631781
Client:	Arcadis of New York, Inc. 50 Fountain Plaza Suite 600 Buffalo, NY 14202
ATTN:	Michael Nasca
Phone:	(716) 667-6650
Project Name:	COBEY
Project Number:	30198971
Report Date:	06/02/26

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Project Name: COBEY
Project Number: 30198971

Lab Number: L2631781
Report Date: 06/02/26

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2631781-01	WC-20260522	SOIL	LACKAWANNA, NY 14218	05/22/26 14:50	05/22/26

Project Name:	COBEY	**Lab Number:**	L2631781
Project Number:	30198971	**Report Date:**	06/02/26

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	COBEY	**Lab Number:**	L2631781
Project Number:	30198971	**Report Date:**	06/02/26

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Perfluorinated Alkyl Acids by 1633

L2631781-01: The analysis of Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA) exceeded the 3-day holding time recommended by the method for soil/sediment and tissue matrices.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly O'Neill

Title: Technical Director/Representative Date: 06/02/26

QC OUTLIER SUMMARY REPORT

Project Name: COBEY
Project Number: 30198971

Lab Number: L2631781
Report Date: 06/02/26

Method	Client ID (Native ID)	Lab ID	Parameter	QC Type	Recovery/RPD (%)	QC Limits (%)	Associated Samples	Data Quality Assessment
TCLP Semivolatiles by EPA 1311 - Westborough Lab								
8270E	Batch QC	WG2218990-2	Pentachlorophenol	LCS	114	9-103	01	potential high bias
8270E	Batch QC	WG2218990-2	Pyridine	LCS	76	10-66	01	potential high bias
8270E	Batch QC	WG2218990-3	Pentachlorophenol	LCSD	105	9-103	01	potential high bias
8270E	Batch QC	WG2218990-3	Pyridine	LCSD	69	10-66	01	potential high bias

ORGANICS

VOLATILES

Project Name: COBEY
Project Number: 30198971
Lab Number: L2631781
Report Date: 06/02/26

SAMPLE RESULTS

Lab ID: L2631781-01
Client ID: WC-20260522
Sample Location: LACKAWANNA, NY 14218
Date Collected: 05/22/26 14:50
Date Received: 05/22/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/28/26 05:16
Analyst: MCM
Percent Solids: 90%
TCLP/SPLP Ext. Date: 05/25/26 11:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	107		70-130
dibromofluoromethane	98		70-130

Project Name: COBEY
Project Number: 30198971
Lab Number: L2631781
Report Date: 06/02/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/28/26 04:53
Analyst: MCM
TCLP/SPLP Extraction Date: 05/25/26 11:02
Extraction Date: 05/25/26 11:02

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG2219849-5					
Chloroform	ND		ug/l	7.5	2.2
Carbon tetrachloride	ND		ug/l	5.0	1.3
Tetrachloroethene	ND		ug/l	5.0	1.8
Chlorobenzene	ND		ug/l	5.0	1.8
1,2-Dichloroethane	ND		ug/l	5.0	1.3
Benzene	ND		ug/l	5.0	1.6
Vinyl chloride	ND		ug/l	10	0.71
1,1-Dichloroethene	ND		ug/l	5.0	1.7
Trichloroethene	ND		ug/l	5.0	1.8
1,4-Dichlorobenzene	ND		ug/l	25	1.9
2-Butanone	ND		ug/l	50	19.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	106		70-130
dibromofluoromethane	99		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: COBEY
Project Number: 30198971

Lab Number: L2631781
Report Date: 06/02/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG2219849-3 WG2219849-4								
Chloroform	100		95		70-130	5		20
Carbon tetrachloride	100		99		63-132	1		20
Tetrachloroethene	110		100		70-130	10		20
Chlorobenzene	99		94		75-130	5		25
1,2-Dichloroethane	100		98		70-130	2		20
Benzene	100		98		70-130	2		25
Vinyl chloride	100		98		55-140	2		20
1,1-Dichloroethene	100		93		61-145	7		25
Trichloroethene	110		96		70-130	14		25
1,4-Dichlorobenzene	100		95		70-130	5		20
2-Butanone	120		120		63-138	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		105		70-130
Toluene-d8	99		98		70-130
4-Bromofluorobenzene	104		105		70-130
dibromofluoromethane	100		99		70-130

SEMIVOLATILES

Project Name: COBEY
Project Number: 30198971
Lab Number: L2631781
Report Date: 06/02/26

SAMPLE RESULTS

Lab ID: L2631781-01
Client ID: WC-20260522
Sample Location: LACKAWANNA, NY 14218

Date Collected: 05/22/26 14:50
Date Received: 05/22/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/27/26 11:39
Analyst: LJG
Percent Solids: 90%
TCLP/SPLP Ext. Date: 05/25/26 03:30

Extraction Method: EPA 3510C
Extraction Date: 05/26/26 23:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	2.0	0.45	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
Hexachlorobutadiene	ND		ug/l	2.0	0.36	1
Hexachloroethane	ND		ug/l	2.0	0.20	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
Pentachlorophenol	ND		ug/l	10	2.5	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Pyridine	1.4	J	ug/l	3.5	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	27		21-120
Phenol-d6	20		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	50		10-120
4-Terphenyl-d14	91		41-149

Project Name: COBEY
Project Number: 30198971
Lab Number: L2631781
Report Date: 06/02/26

SAMPLE RESULTS

Lab ID: L2631781-01
Client ID: WC-20260522
Sample Location: LACKAWANNA, NY 14218

Date Collected: 05/22/26 14:50
Date Received: 05/22/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 168,1633A
Analytical Date: 05/29/26 13:40
Analyst: AC
Percent Solids: 90%

Extraction Method: EPA 1633
Extraction Date: 05/28/26 12:07
Cleanup Method: EPA 1633
Cleanup Date: 05/28/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.808	0.541	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.404	0.081	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.202	0.051	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.808	0.156	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.202	0.166	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.202	0.028	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.202	0.073	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.202	0.051	1
Perfluorooctanoic Acid (PFOA)	0.105	J	ng/g	0.202	0.044	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.808	0.485	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.202	0.034	1
Perfluorononanoic Acid (PFNA)	0.085	JF	ng/g	0.202	0.032	1
Perfluorooctanesulfonic Acid (PFOS)	0.123	J	ng/g	0.202	0.105	1
Perfluorodecanoic Acid (PFDA)	0.057	J	ng/g	0.202	0.051	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.808	0.238	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.202	0.095	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.202	0.097	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.202	0.089	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.202	0.095	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.202	0.115	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.202	0.079	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.202	0.101	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.202	0.093	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.202	0.147	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.808	0.162	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.808	0.287	1

Project Name: COBEY **Lab Number:** L2631781

Project Number: 30198971 **Report Date:** 06/02/26

SAMPLE RESULTS

Lab ID: L2631781-01 Date Collected: 05/22/26 14:50

Client ID: WC-20260522 Date Received: 05/22/26

Sample Location: LACKAWANNA, NY 14218 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.202	0.095	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.808	0.158	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.808	0.400	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.202	0.061	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.202	0.067	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.02	0.252	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.02	0.244	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.404	0.036	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.404	0.053	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.404	0.049	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.404	0.121	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.01	0.349	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.05	1.42	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.05	1.97	1

Project Name: COBEY **Lab Number:** L2631781

Project Number: 30198971 **Report Date:** 06/02/26

SAMPLE RESULTS

Lab ID: L2631781-01 Date Collected: 05/22/26 14:50

Client ID: WC-20260522 Date Received: 05/22/26

Sample Location: LACKAWANNA, NY 14218 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	80		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	85		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	95		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	89		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	83		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	104		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	96		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	81		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	95		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	98		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	74		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	92		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	86		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	58		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	97		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	77		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	69		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	95		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	72		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	83		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	47		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	48		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	89		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	78		15-130

Project Name: COBEY
Project Number: 30198971

Lab Number: L2631781
Report Date: 06/02/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/27/26 09:41
Analyst: LJG
TCLP/SPLP Extraction Date: 05/23/26 19:45

Extraction Method: EPA 3510C
Extraction Date: 05/26/26 23:26

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG2218990-1					
Hexachlorobenzene	ND		ug/l	2.0	0.45
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
Hexachlorobutadiene	ND		ug/l	2.0	0.36
Hexachloroethane	ND		ug/l	2.0	0.20
Nitrobenzene	ND		ug/l	2.0	0.20
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
Pentachlorophenol	ND		ug/l	10	2.5
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Pyridine	0.95	J	ug/l	3.5	0.31

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	67		15-120
2,4,6-Tribromophenol	82		10-120
4-Terphenyl-d14	79		41-149

Project Name: COBEY
Project Number: 30198971
Lab Number: L2631781
Report Date: 06/02/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 05/29/26 05:36
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 05/28/26 12:07
Cleanup Method: EPA 1633
Cleanup Date: 05/28/26

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01 Batch: WG2219778-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.536
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.080
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.050
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.154
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.164
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.028
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.072
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.050
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.044
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.480
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.034
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.032
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.104
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.050
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.236
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.094
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.096
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.088
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.094
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.114
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.078
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.100
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.092

Project Name: COBEY
Project Number: 30198971

Lab Number: L2631781
Report Date: 06/02/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 05/29/26 05:36
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 05/28/26 12:07
Cleanup Method: EPA 1633
Cleanup Date: 05/28/26

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01 Batch: WG2219778-1					
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.146
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.160
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.284
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.094
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.156
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.396
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.060
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.066
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.250
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.242
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.036
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.052
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.048
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.120
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.346
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	1.40
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	1.95

Project Name: COBEY
Project Number: 30198971

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Report Date: 06/02/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 05/29/26 05:36
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 05/28/26 12:07
Cleanup Method: EPA 1633
Cleanup Date: 05/28/26

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01 Batch: WG2219778-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	77		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	83		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	82		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	68		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	78		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	86		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	84		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	82		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	80		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	90		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	75		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	92		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	71		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	64		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	94		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	77		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	68		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	87		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	74		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	81		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	44		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	42		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	86		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	80		15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: COBEY
Project Number: 30198971

Lab Number: L2631781
Report Date: 06/02/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG2218990-2 WG2218990-3								
Hexachlorobenzene	84		80		40-140	5		30
2,4-Dinitrotoluene	104		102		48-143	2		30
Hexachlorobutadiene	90		90		40-140	0		30
Hexachloroethane	75		72		40-140	4		30
Nitrobenzene	73		74		40-140	1		30
2,4,6-Trichlorophenol	94		94		30-130	0		30
Pentachlorophenol	**114**	Q	**105**	Q	9-103	8		30
2-Methylphenol	75		70		30-130	7		30
3-Methylphenol/4-Methylphenol	75		72		30-130	4		30
2,4,5-Trichlorophenol	97		94		30-130	3		30
Pyridine	**76**	Q	**69**	Q	10-66	10		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	59		60		21-120
Phenol-d6	39		36		10-120
Nitrobenzene-d5	71		76		23-120
2-Fluorobiphenyl	72		78		15-120
2,4,6-Tribromophenol	89		91		10-120
4-Terphenyl-d14	81		80		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: COBEY
Project Number: 30198971

Lab Number: L2631781
Report Date: 06/02/26

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG2219778-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	108		-		70-140	-		
Perfluoropentanoic Acid (PFPeA)	94		-		60-150	-		
Perfluorobutanesulfonic Acid (PFBS)	87		-		65-145	-		
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	97		-		60-150	-		
Perfluorohexanoic Acid (PFHxA)	113		-		65-140	-		
Perfluoropentanesulfonic Acid (PFPeS)	98		-		55-160	-		
Perfluoroheptanoic Acid (PFHpA)	102		-		65-145	-		
Perfluorohexanesulfonic Acid (PFHxS)	112		-		60-150	-		
Perfluorooctanoic Acid (PFOA)	111		-		70-150	-		
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	110		-		55-200	-		
Perfluoroheptanesulfonic Acid (PFHpS)	106		-		65-155	-		
Perfluorononanoic Acid (PFNA)	86		-		70-155	-		
Perfluorooctanesulfonic Acid (PFOS)	116		-		65-160	-		
Perfluorodecanoic Acid (PFDA)	112		-		70-155	-		
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	106		-		70-150	-		
Perfluorononanesulfonic Acid (PFNS)	100		-		55-140	-		
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	92		-		65-155	-		
Perfluoroundecanoic Acid (PFUnA)	110		-		70-155	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: COBEY
Project Number: 30198971

Lab Number: L2631781
Report Date: 06/02/26

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG2219778-2 LOW LEVEL								
Perfluorodecanesulfonic Acid (PFDS)	101		-		40-155	-		
Perfluorooctanesulfonamide (PFOSA)	101		-		70-140	-		
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	99		-		65-165	-		
Perfluorododecanoic Acid (PFDoA)	96		-		70-150	-		
Perfluorotridecanoic Acid (PFTrDA)	94		-		65-150	-		
Perfluorotetradecanoic Acid (PFTeDA)	99		-		65-150	-		
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	115		-		70-145	-		
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	98		-		70-160	-		
Perfluorododecanesulfonic Acid (PFDoS)	86		-		25-160	-		
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	109		-		70-150	-		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	102		-		45-160	-		
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	82		-		70-155	-		
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	97		-		70-140	-		
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	98		-		70-140	-		
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	98		-		70-135	-		
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	89		-		30-140	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: COBEY
Project Number: 30198971

Lab Number: L2631781
Report Date: 06/02/26

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG2219778-2 LOW LEVEL								
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	94		-		60-150	-		
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	119		-		70-140	-		
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	150		-		60-155	-		
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	102		-		45-130	-		
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	114		-		60-130	-		
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	91		-		60-150	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: COBEY
Project Number: 30198971

Lab Number: L2631781
Report Date: 06/02/26

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG2219778-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	74				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	87				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	88				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	77				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	74				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	92				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	84				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	81				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	76				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	93				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	71				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	90				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	74				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	61				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	86				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	71				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	64				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	81				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	67				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	81				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	36				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	34				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	78				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	72				15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: COBEY
Project Number: 30198971

Lab Number: L2631781
Report Date: 06/02/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG2219778-3								
Perfluorobutanoic Acid (PFBA)	109		-		70-140	-		
Perfluoropentanoic Acid (PFPeA)	107		-		60-150	-		
Perfluorobutanesulfonic Acid (PFBS)	95		-		65-145	-		
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	111		-		60-150	-		
Perfluorohexanoic Acid (PFHxA)	114		-		65-140	-		
Perfluoropentanesulfonic Acid (PFPeS)	86		-		55-160	-		
Perfluoroheptanoic Acid (PFHpA)	95		-		65-145	-		
Perfluorohexanesulfonic Acid (PFHxS)	92		-		60-150	-		
Perfluorooctanoic Acid (PFOA)	93		-		70-150	-		
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	106		-		55-200	-		
Perfluoroheptanesulfonic Acid (PFHpS)	101		-		65-155	-		
Perfluorononanoic Acid (PFNA)	90		-		70-155	-		
Perfluorooctanesulfonic Acid (PFOS)	91		-		65-160	-		
Perfluorodecanoic Acid (PFDA)	108		-		70-155	-		
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	116		-		70-150	-		
Perfluorononanesulfonic Acid (PFNS)	98		-		55-140	-		
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	115		-		65-155	-		
Perfluoroundecanoic Acid (PFUnA)	101		-		70-155	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: COBEY
Project Number: 30198971

Lab Number: L2631781
Report Date: 06/02/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG2219778-3								
Perfluorodecanesulfonic Acid (PFDS)	93		-		40-155	-		
Perfluorooctanesulfonamide (PFOSA)	102		-		70-140	-		
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	108		-		65-165	-		
Perfluorododecanoic Acid (PFDoA)	101		-		70-150	-		
Perfluorotridecanoic Acid (PFTrDA)	99		-		65-150	-		
Perfluorotetradecanoic Acid (PFTeDA)	96		-		65-150	-		
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	104		-		70-145	-		
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	96		-		70-160	-		
Perfluorododecanesulfonic Acid (PFDoS)	76		-		25-160	-		
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	108		-		70-150	-		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	98		-		45-160	-		
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	101		-		70-155	-		
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	90		-		70-140	-		
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	104		-		70-140	-		
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	107		-		70-135	-		
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	101		-		30-140	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: COBEY
Project Number: 30198971

Lab Number: L2631781
Report Date: 06/02/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG2219778-3								
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	104		-		60-150	-		
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	107		-		70-140	-		
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	135		-		60-155	-		
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	108		-		45-130	-		
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	119		-		60-130	-		
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	96		-		60-150	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: COBEY
Project Number: 30198971

Lab Number: L2631781
Report Date: 06/02/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG2219778-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	78				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	84				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	90				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	80				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	82				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	96				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	96				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	89				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	88				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	95				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	80				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	87				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	78				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	59				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	91				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	75				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	68				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	82				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	75				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	84				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	43				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	43				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	83				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	77				15-130

PCBS

Project Name: COBEY
Project Number: 30198971
Lab Number: L2631781
Report Date: 06/02/26

SAMPLE RESULTS

Lab ID: L2631781-01
Client ID: WC-20260522
Sample Location: LACKAWANNA, NY 14218

Date Collected: 05/22/26 14:50
Date Received: 05/22/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/26/26 14:43
Analyst: EMR
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 05/25/26 03:47
Cleanup Method: EPA 3665A
Cleanup Date: 05/25/26
Cleanup Method: EPA 3660B
Cleanup Date: 05/25/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.3	4.64	1	A
Aroclor 1221	ND		ug/kg	52.3	5.24	1	A
Aroclor 1232	ND		ug/kg	52.3	11.1	1	A
Aroclor 1242	ND		ug/kg	52.3	7.05	1	A
Aroclor 1248	ND		ug/kg	52.3	7.85	1	A
Aroclor 1254	ND		ug/kg	52.3	5.72	1	A
Aroclor 1260	ND		ug/kg	52.3	9.67	1	A
Aroclor 1262	ND		ug/kg	52.3	6.64	1	A
Aroclor 1268	ND		ug/kg	52.3	5.42	1	A
PCBs, Total	ND		ug/kg	52.3	4.64	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		30-150	A
Decachlorobiphenyl	92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	97		30-150	B

Project Name: COBEY
Project Number: 30198971
Lab Number: L2631781
Report Date: 06/02/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 05/26/26 14:19
Analyst: EMR

Extraction Method: EPA 3546
Extraction Date: 05/25/26 03:47
Cleanup Method: EPA 3665A
Cleanup Date: 05/25/26
Cleanup Method: EPA 3660B
Cleanup Date: 05/25/26

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG2218186-1						
Aroclor 1016	ND		ug/kg	46.2	4.10	A
Aroclor 1221	ND		ug/kg	46.2	4.63	A
Aroclor 1232	ND		ug/kg	46.2	9.79	A
Aroclor 1242	ND		ug/kg	46.2	6.22	A
Aroclor 1248	ND		ug/kg	46.2	6.92	A
Aroclor 1254	ND		ug/kg	46.2	5.05	A
Aroclor 1260	ND		ug/kg	46.2	8.53	A
Aroclor 1262	ND		ug/kg	46.2	5.86	A
Aroclor 1268	ND		ug/kg	46.2	4.78	A
PCBs, Total	ND		ug/kg	46.2	4.10	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	44		30-150	A
Decachlorobiphenyl	98		30-150	A
2,4,5,6-Tetrachloro-m-xylene	50		30-150	B
Decachlorobiphenyl	103		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: COBEY
Project Number: 30198971

Lab Number: L2631781
Report Date: 06/02/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG2218186-2 WG2218186-3									
Aroclor 1016	97		100		40-140	3		50	A
Aroclor 1260	98		103		40-140	5		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		57		30-150	A
Decachlorobiphenyl	104		107		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		63		30-150	B
Decachlorobiphenyl	109		112		30-150	B

PESTICIDES

Project Name: COBEY
Project Number: 30198971
Lab Number: L2631781
Report Date: 06/02/26

SAMPLE RESULTS

Lab ID: L2631781-01
Client ID: WC-20260522
Sample Location: LACKAWANNA, NY 14218

Date Collected: 05/22/26 14:50
Date Received: 05/22/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/26/26 12:55
Analyst: PEG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 05/25/26 09:44
Cleanup Method: EPA 3620B
Cleanup Date: 05/25/26
Cleanup Method: EPA 3660B
Cleanup Date: 05/25/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.334	1	A
Lindane	ND		ug/kg	0.710	0.318	1	A
Alpha-BHC	ND		ug/kg	0.710	0.202	1	A
Beta-BHC	ND		ug/kg	1.70	0.646	1	A
Heptachlor	ND		ug/kg	0.852	0.382	1	A
Aldrin	ND		ug/kg	1.70	0.600	1	A
Heptachlor epoxide	ND		ug/kg	3.20	0.959	1	A
Endrin	ND		ug/kg	0.710	0.291	1	A
Endrin aldehyde	ND		ug/kg	2.13	0.746	1	A
Endrin ketone	ND		ug/kg	1.70	0.439	1	A
Dieldrin	ND		ug/kg	1.06	0.533	1	A
4,4'-DDE	1.86		ug/kg	1.70	0.394	1	B
4,4'-DDD	ND		ug/kg	1.70	0.608	1	A
4,4'-DDT	ND		ug/kg	1.70	1.37	1	B
Endosulfan I	ND		ug/kg	1.70	0.403	1	A
Endosulfan II	ND		ug/kg	1.70	0.570	1	A
Endosulfan sulfate	ND		ug/kg	0.710	0.338	1	A
Methoxychlor	ND		ug/kg	3.20	0.995	1	A
Toxaphene	ND		ug/kg	32.0	8.95	1	A
cis-Chlordane	ND		ug/kg	2.13	0.594	1	A
trans-Chlordane	ND		ug/kg	2.13	0.563	1	A
Chlordane	ND		ug/kg	14.2	5.65	1	A

Project Name: COBEY **Lab Number:** L2631781

Project Number: 30198971 **Report Date:** 06/02/26

SAMPLE RESULTS

Lab ID: L2631781-01 Date Collected: 05/22/26 14:50

Client ID: WC-20260522 Date Received: 05/22/26

Sample Location: LACKAWANNA, NY 14218 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: COBEY
Project Number: 30198971
Lab Number: L2631781
Report Date: 06/02/26

SAMPLE RESULTS

Lab ID: L2631781-01
Client ID: WC-20260522
Sample Location: LACKAWANNA, NY 14218

Date Collected: 05/22/26 14:50
Date Received: 05/22/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 05/26/26 09:51
Analyst: EJL
Percent Solids: 90%
Methylation Date: 05/26/26 06:05

Extraction Method: EPA 8151A
Extraction Date: 05/25/26 11:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	180	11.3	1	A
2,4,5-T	ND		ug/kg	180	5.57	1	A
2,4,5-TP (Silvex)	ND		ug/kg	180	4.78	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	111		30-150	A
DCAA	90		30-150	B

Project Name: COBEY
Project Number: 30198971

Lab Number: L2631781
Report Date: 06/02/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 05/26/26 12:08
Analyst: PEG

Extraction Method: EPA 3546
Extraction Date: 05/25/26 09:44
Cleanup Method: EPA 3620B
Cleanup Date: 05/25/26
Cleanup Method: EPA 3660B
Cleanup Date: 05/25/26

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG2218263-1						
Delta-BHC	ND		ug/kg	1.54	0.302	A
Lindane	ND		ug/kg	0.644	0.288	A
Alpha-BHC	ND		ug/kg	0.644	0.183	A
Beta-BHC	ND		ug/kg	1.54	0.586	A
Heptachlor	ND		ug/kg	0.772	0.346	A
Aldrin	ND		ug/kg	1.54	0.544	A
Heptachlor epoxide	ND		ug/kg	2.90	0.869	A
Endrin	ND		ug/kg	0.644	0.264	A
Endrin aldehyde	ND		ug/kg	1.93	0.676	A
Endrin ketone	ND		ug/kg	1.54	0.398	A
Dieldrin	ND		ug/kg	0.965	0.483	A
4,4'-DDE	ND		ug/kg	1.54	0.357	A
4,4'-DDD	ND		ug/kg	1.54	0.551	A
4,4'-DDT	ND		ug/kg	1.54	1.24	A
Endosulfan I	ND		ug/kg	1.54	0.365	A
Endosulfan II	ND		ug/kg	1.54	0.516	A
Endosulfan sulfate	ND		ug/kg	0.644	0.306	A
Methoxychlor	ND		ug/kg	2.90	0.901	A
Toxaphene	ND		ug/kg	29.0	8.11	A
cis-Chlordane	ND		ug/kg	1.93	0.538	A
trans-Chlordane	ND		ug/kg	1.93	0.510	A
Chlordane	ND		ug/kg	12.9	5.12	A

Project Name: COBEY
Project Number: 30198971

Lab Number: L2631781
Report Date: 06/02/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 05/26/26 12:08
Analyst: PEG

Extraction Method: EPA 3546
Extraction Date: 05/25/26 09:44
Cleanup Method: EPA 3620B
Cleanup Date: 05/25/26
Cleanup Method: EPA 3660B
Cleanup Date: 05/25/26

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG2218263-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: COBEY
Project Number: 30198971

Lab Number: L2631781
Report Date: 06/02/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 05/26/26 08:01
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 05/25/26 11:26

Methylation Date: 05/26/26 06:05

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01 Batch: WG2218304-1						
2,4-D	ND		ug/kg	166	10.5	A
2,4,5-T	ND		ug/kg	166	5.16	A
2,4,5-TP (Silvex)	ND		ug/kg	166	4.42	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	90		30-150	A
DCAA	81		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: COBEY
Project Number: 30198971

Lab Number: L2631781
Report Date: 06/02/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG2218263-2 WG2218263-3									
Delta-BHC	88		91		30-150	3		30	A
Lindane	86		90		30-150	5		30	A
Alpha-BHC	85		88		30-150	3		30	A
Beta-BHC	81		86		30-150	6		30	A
Heptachlor	86		89		30-150	3		30	A
Aldrin	82		85		30-150	4		30	A
Heptachlor epoxide	79		84		30-150	6		30	A
Endrin	79		84		30-150	6		30	A
Endrin aldehyde	81		84		30-150	4		30	A
Endrin ketone	92		98		30-150	6		30	A
Dieldrin	78		83		30-150	6		30	A
4,4'-DDE	72		76		30-150	5		30	A
4,4'-DDD	77		82		30-150	6		30	A
4,4'-DDT	78		84		30-150	7		30	A
Endosulfan I	77		81		30-150	5		30	A
Endosulfan II	85		89		30-150	5		30	A
Endosulfan sulfate	87		92		30-150	6		30	A
Methoxychlor	85		90		30-150	6		30	A
cis-Chlordane	74		78		30-150	5		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: COBEY
Project Number: 30198971

Lab Number: L2631781
Report Date: 06/02/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG2218263-2 WG2218263-3									
trans-Chlordane	76		80		30-150	5		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		59		30-150	A
Decachlorobiphenyl	84		91		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		74		30-150	B
Decachlorobiphenyl	70		76		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: COBEY
Project Number: 30198971

Lab Number: L2631781
Report Date: 06/02/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01 Batch: WG2218304-2 WG2218304-3									
2,4-D	67		64		30-150	5		30	A
2,4,5-T	65		58		30-150	11		30	A
2,4,5-TP (Silvex)	66		68		30-150	3		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	91		92		30-150	A
DCAA	80		82		30-150	B

METALS

Project Name: COBEY
Project Number: 30198971
Lab Number: L2631781
Report Date: 06/02/26

SAMPLE RESULTS

Lab ID: L2631781-01
Client ID: WC-20260522
Sample Location: LACKAWANNA, NY 14218
Date Collected: 05/22/26 14:50
Date Received: 05/22/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 90%
TCLP/SPLP Ext. Date: 05/25/26 03:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	05/26/26 08:06	05/26/26 12:17	EPA 3015	1,6010D	ZPC
Barium, TCLP	0.212	J	mg/l	0.500	0.0210	1	05/26/26 08:06	05/26/26 12:17	EPA 3015	1,6010D	ZPC
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	05/26/26 08:06	05/26/26 12:17	EPA 3015	1,6010D	ZPC
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	05/26/26 08:06	05/26/26 12:17	EPA 3015	1,6010D	ZPC
Lead, TCLP	ND		mg/l	0.500	0.0270	1	05/26/26 08:06	05/26/26 12:17	EPA 3015	1,6010D	ZPC
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	05/26/26 08:15	05/26/26 11:55	EPA 7470A	1,7470A	RJG
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	05/26/26 08:06	05/26/26 12:17	EPA 3015	1,6010D	ZPC
Silver, TCLP	ND		mg/l	0.100	0.0280	1	05/26/26 08:06	05/26/26 12:17	EPA 3015	1,6010D	ZPC

Project Name: COBEY
Project Number: 30198971
Lab Number: L2631781
Report Date: 06/02/26

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG2218451-1										
Arsenic, TCLP	0.0208	J	mg/l	1.00	0.0190	1	05/26/26 08:06	05/26/26 09:55	1,6010D	ZPC
Barium, TCLP	ND		mg/l	0.500	0.0210	1	05/26/26 08:06	05/26/26 09:55	1,6010D	ZPC
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	05/26/26 08:06	05/26/26 09:55	1,6010D	ZPC
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	05/26/26 08:06	05/26/26 09:55	1,6010D	ZPC
Lead, TCLP	ND		mg/l	0.500	0.0270	1	05/26/26 08:06	05/26/26 09:55	1,6010D	ZPC
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	05/26/26 08:06	05/26/26 09:55	1,6010D	ZPC
Silver, TCLP	ND		mg/l	0.100	0.0280	1	05/26/26 08:06	05/26/26 09:55	1,6010D	ZPC

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 05/23/26 19:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG2218452-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	05/26/26 08:15	05/26/26 10:45	1,7470A	RJG

Prep Information

Digestion Method: EPA 7470A
TCLP/SPLP Extraction Date: 05/23/26 19:45

Lab Control Sample Analysis
Batch Quality Control

Project Name: COBEY
Project Number: 30198971

Lab Number: L2631781
Report Date: 06/02/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG2218451-2								
Arsenic, TCLP	95		-		75-125	-		20
Barium, TCLP	94		-		75-125	-		20
Cadmium, TCLP	91		-		75-125	-		20
Chromium, TCLP	92		-		75-125	-		20
Lead, TCLP	98		-		75-125	-		20
Selenium, TCLP	95		-		75-125	-		20
Silver, TCLP	88		-		75-125	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG2218452-2								
Mercury, TCLP	106		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: COBEY
Project Number: 30198971

Lab Number: L2631781
Report Date: 06/02/26

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2218451-3 QC Sample: L2629282-01 Client ID: MS Sample												
Arsenic, TCLP	ND	1.2	1.10	92		-	-		75-125	-		
Barium, TCLP	0.274J	20	17.2	86		-	-		75-125	-		
Cadmium, TCLP	ND	0.53	0.443	84		-	-		75-125	-		
Chromium, TCLP	ND	2	1.69	84		-	-		75-125	-		
Lead, TCLP	ND	5.3	4.67	88		-	-		75-125	-		
Selenium, TCLP	ND	1.2	1.10	92		-	-		75-125	-		
Silver, TCLP	ND	0.5	0.407	81		-	-		75-125	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2218452-3 QC Sample: L2629282-01 Client ID: MS Sample												
Mercury, TCLP	ND	0.025	0.0261	104		-	-		75-125	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: COBEY
Project Number: 30198971

Lab Number: L2631781
Report Date: 06/02/26

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2218451-4 QC Sample: L2629282-01 Client ID: DUP Sample						
Arsenic, TCLP	ND	ND	mg/l	NC		20
Barium, TCLP	0.274J	0.253J	mg/l	NC		20
Cadmium, TCLP	ND	ND	mg/l	NC		20
Chromium, TCLP	ND	ND	mg/l	NC		20
Lead, TCLP	ND	ND	mg/l	NC		20
Selenium, TCLP	ND	ND	mg/l	NC		20
Silver, TCLP	ND	ND	mg/l	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2218452-4 QC Sample: L2629282-01 Client ID: DUP Sample						
Mercury, TCLP	ND	ND	mg/l	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: COBEY
Project Number: 30198971

Lab Number: L2631781
Report Date: 06/02/26

SAMPLE RESULTS

Lab ID: L2631781-01
Client ID: WC-20260522
Sample Location: LACKAWANNA, NY 14218

Date Collected: 05/22/26 14:50
Date Received: 05/22/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.0		%	0.100	NA	1	-	05/27/26 13:16	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: COBEY

Project Number: 30198971

Lab Number: L2631781

Report Date: 06/02/26

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2219254-1 QC Sample: L2631542-01 Client ID: DUP Sample						
Solids, Total	94.1	93.2	%	1		10

Project Name: COBEY
Project Number: 30198971

Lab Number: L2631781
Report Date: 06/02/26

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2631781-01A	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2631781-01B	Vial Large Septa unpreserved (4oz)	NA	NA			Y	Absent		TCLP-EXT-ZHE(14)
L2631781-01C	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2631781-01D	Plastic 90mL Unpreserved for PFAS	NA	NA			Y	Absent		A2-NY-1633(90)
L2631781-01W	Amber 1L unpreserved Extracts	NA	NA			Y	Absent		TCLP-8270-RVT(14)
L2631781-01X	Vial unpreserved Extracts	NA	NA			Y	Absent		TCLP-VOA(14)
L2631781-01X9	Tumble Vessel	NA	NA			Y	Absent		-
L2631781-01Y	Vial unpreserved Extracts	NA	NA			Y	Absent		TCLP-VOA(14)
L2631781-01Z	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)

*Values in parentheses indicate holding time in days

Project Name: COBEY
Project Number: 30198971

Lab Number: L2631781
Report Date: 06/02/26

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: COBEY
Project Number: 30198971

Lab Number: L2631781
Report Date: 06/02/26

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	COBEY	**Lab Number:**	L2631781
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GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

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Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

Project Name:	COBEY	**Lab Number:**	L2631781
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Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: COBEY
Project Number: 30198971
Lab Number: L2631781
Report Date: 06/02/26

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

168 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. EPA Method 1633A, EPA 820-R-24-007, December 2024. For Massachusetts Contingency Plan, WSC-CAM-XA, September 2025.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

ENV-FORM-WES2-0065 v03 Certificate/Approval Program Summary

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
Biological Tissue Matrix: EPA 3050B

PAS-MAN1 Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028
EPA 524.2: 1,3,5-Trichlorobenzene, m/p-Xylene, o-xylene.
EPA 625.1: 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, N-Nitrosodiphenylamine.
EPA 8081B NPW and SCM: Alachlor, Endrin Ketone, Hexachlorobenzene.
EPA 8260D NPW: Tetrahydrofuran, 1,3,5-Trichlorobenzene; **SCM:** TAME, TBEE, Diethyl ether, DIPE, Tetrahydrofuran. 1,3,5-Trichlorobenzene, Freon-113.
EPA 8270E: NPW: Carbazole, 1-Methylnaphthalene, Pentachloronitrobenzene; **SCM:** Carbazole, 1-Methylnaphthalene.
EPA TO-13: Air: Benzo(e)pyrene, 1-Methylnaphthalene, 2-Methylnaphthalene, Perylene.
EPA TO-4A Pesticide Air: delta-BHC, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Hexachlorobenzene, Methoxychlor.
SM4500: NPW: Amenable Cyanide; **SCM:** Total Phosphorus, TKN, NH3, NECi: NO2, NO3, ASTMD516.

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 504.1: EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

ENV-FORM-WES2-0065 v03 Certificate/Approval Program Summary

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028

Drinking Water
EPA 300.0: NO3, NO2, Fl, Cl, SO4. **NECI Reductase**: NO3, NO2.
SM4500F-C, SM4500Cl-B, SM4500CN-C,E, EPA 180.1, SM2320B, SM 2540C, SM4500H-B, SM4500SO4-E.
EPA 537.1; EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: SM9223-P/A: TC/EC; SM9223B-Colilert-enumeration: TC/EC; HPC-Simplate.

Non-Potable Water
SM4500H-B, SM2510B, SM2540C, SM2320B, SM4500Cl-B, SM4500NH3-B, C, EPA 350.1, NECi: NO3, **SM4500NH3-B, C: TKN, SM4500P-E: Ortho Phosphate, SM4500P-B, E: Total Phosphorus, EPA 410.4, SM5210B, SM5310C, SM4500CN-C, E, SM2540D, SM4500Cl-G, SM4500SO4-E, EPA 1664, EPA 420.1, EPA 300.0:** Cl, SO4, NO3.
EPA 624.1: Volatile Halocarbons, Volatile Aromatics.
EPA 608.3: Chlordane, Toxaphene, Aldrin, Alpha-BHC, Beta-BHC, Gamma-BHC, Delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs.
EPA 625.1: SVOC-Acid Extractables and Base/Neutrals
Microbiology: SM9223B-Colilert: E. coli (Ambient and Wastewater), **SM9223B-Colilert-18:** Fecal Coliform (Wastewater).

Certification IDs:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY KY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, CA 3117, CO MA00030, CT PH-0825, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MD 350, MA M-MA00030, MI 9110, MN 025-999-495, NV MA00030, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, UT MA00030, VT VT-0015, VA 460194, WA C954.

PAS-MAN1 Mansfield Air Lab Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

PAS-ELON East Longmeadow Facility – 39 Spruce St. East Longmeadow, MA 01028
CT PH-0821, ME MA00100, MI 9100, NC (DENR) 652, NC (DW) 25703, MA M-MA100, NH (Secondary) 2516, NH (Primary) 2557, NJ MA007, NY 10899, PA 68-05812, RI LAO00373, VA 460217, VT-255716, WV DEP 419, WV-DW 9979C, LA 05130, LA-DW LA042, MD-DW 373, OH 87781.

For a complete listing of analytes and methods, please contact your Project Manager.

Pace ANALYTICAL SERVICES

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Woodcliff Lake, NJ 07677: 123 Tice Blvd, Suite 101
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 5/23/26

Pace Job #: L2631781

Client Information

Client: Arcadis
Address: 110 west Fayette St
Suite 300 Syracuse, NY 13202
Phone: 315-671-9105
Fax:
Email: meghan.platt@arcadis.com

Project Information

Project Name: Cobey
Project Location: Lackawana, NY
Project #: 30198971
(Use Project name as Project #) ☐
Project Manager: Michael Nasca
PACE Quote #:

Turn-Around Time

Standard ☐ Due Date:
Rush (only if pre approved) ☒ # of Days: 5

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☒ EQuIS (4 File)
☐ Other

Billing Information

☐ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Pace ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

PACE Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCLP VOCs	TCLP SVOCs	TCLP metals	Pesticides/herbicides	PCBs	PFAs			Sample Specific Comments	Total Bottle
31781-01	WC-20260522	5/22/26	1450	Soil	KCL	X	X	X	X	X	X				

Container Type: A A A A A P
Preservative: A A A A A A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	5/22/26 1525	[signature]	5/22/26 1526
[signature]	5/22/26 1528	[signature]	5/22/26 1528
BUFF S/C	5.22.26 16.40	NORAD	5.22.26 16.40
NORAD	5.22.26 19.30	[signature]	5/23 2200
[signature]	5/23 200		

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY PACE'S TERMS & CONDITIONS. (See reverse side.)

05123126-0200

Form No: 01-25 HC (rev. 29-Jan-2025)

Sample Delivery Group Summary

Pace Job Number : L2631781

Account Name : Arcadis of New York, Inc.
Project Number : 30198971
Project Name : COBEY

Received : 22-MAY-2026
Reviewer : Chris Tebeau

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	2.9	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NO**

Attachment 3

Imported Topsoil Information & Analytical Data

From: Rod Lorenz <relorenzconst@yahoo.com>
Sent: Wednesday, September 9, 2026 4:50 PM
To: Platt, Meghan <Meghan.Platt@arcadis.com>
Cc: Pat Sheedy <psheedy@kroggrp.com>; Svensson, Adam <Adam.Svensson@arcadis.com>; Nasca, Michael <Michael.Nasca@arcadis.com>
Subject: Re: Landfill Weight Tickets 7/1/2026 (REL)

Arcadis Warning: Exercise caution with email messages from external sources such as this message. Always verify the sender and avoid clicking on links or scanning QR codes unless certain of their authenticity.

Approximately 35 tons of topsoil were imported from the private REL Construction yard located at 2313 Townline Road, Alden, New York for use as backfill at the Cobey-Buffalo Lakeside Park-Parcels 1&2 located at 1 Ship Canal Parkway, Buffalo, New York.

Sent from my iPhone

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e) and 6NYCRR Part 360.13. Use of this form is not a substitute for reading the applicable regulations and Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is: Commercial or Industrial Use

Have Ecological Resources been identified? no

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? 0-50

If greater than 1000 cubic yards will be imported, enter volume to be imported:

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? no

Does it contain less than 10%, by weight, material that passes a size 100 sieve? no

Is this virgin material from a permitted mine or quarry? no

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

1 discrete sample was collected and analyzed for VOCs. 1 composite sample was collected (composited from 5 different locations of the provided fill) and analyzed for SVOCs, Inorganics & PCBs/Pesticides, and PFOA/ PFOS.

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

See attached evaluation table.

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

REL Construction

Location where fill was obtained:

2313 Townline Road, Alden, New York

Identification of any state or local approvals as a fill source:

None

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Native virgin soil from farmland at the associated address.

Provide a list of supporting documentation included with this request:

1. Topsoil Import Lab Results_L2555760
2. Topsoil Import Results Summary_25.09.24

The information provided on this form is accurate and complete.

	10/03/2025
Signature	Date
Andrei Romei	
Print Name	
Arcadis of New York, Inc.	
Firm	

ANALYTICAL REPORT

Lab Number:	L2555760
Client:	Arcadis 50 Fountain Plaza Suite 600 Buffalo, NY 14202
ATTN:	Andrei Romei
Phone:	(585) 749-0778
Project Name:	BUDC
Project Number:	30279118
Report Date:	09/24/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: BUDC
Project Number: 30279118

Lab Number: L2555760
Report Date: 09/24/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2555760-01	IMPORT-SOURCE COMPOSITE	SOIL	BUFFALO, NY 14202	09/05/25 09:20	09/05/25
L2555760-02	IMPORT-SOURCE VOCS	SOIL	BUFFALO, NY 14202	09/05/25 09:25	09/05/25

Project Name:	BUDC	**Lab Number:**	L2555760
Project Number:	30279118	**Report Date:**	09/24/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	BUDC	**Lab Number:**	L2555760
Project Number:	30279118	**Report Date:**	09/24/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2555760-01: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

Chromium, Hexavalent

The WG2115949-4 Insoluble MS recovery performed on L2555760-01 is below the acceptance criteria for chromium, hexavalent (71%). The Soluble MS recovery for chromium, hexavalent (56%) was also below criteria. This has been attributed to matrix interference. A post-spike was performed with an acceptable recovery of 97%.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 09/24/25

ORGANICS

VOLATILES

Project Name: BUDC
Project Number: 30279118
Lab Number: L2555760
Report Date: 09/24/25

SAMPLE RESULTS

Lab ID: L2555760-02
Client ID: IMPORT-SOURCE VOCS
Sample Location: BUFFALO, NY 14202
Date Collected: 09/05/25 09:25
Date Received: 09/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/15/25 17:53
Analyst: JIC
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.6	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.78	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.19	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.5	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.19	1
Benzene	ND		ug/kg	0.56	0.19	1
Toluene	ND		ug/kg	1.1	0.61	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.2	0.65	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.2	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1
Trichloroethene	ND		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1

Project Name: BUDC **Lab Number:** L2555760

Project Number: 30279118 **Report Date:** 09/24/25

SAMPLE RESULTS

Lab ID: L2555760-02 Date Collected: 09/05/25 09:25

Client ID: IMPORT-SOURCE VOCS Date Received: 09/05/25

Sample Location: BUFFALO, NY 14202 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.63	1
o-Xylene	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.1	1
2-Butanone	ND		ug/kg	11	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.5	0.73	1
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.38	1
Methyl Acetate	ND		ug/kg	4.5	1.1	1
Cyclohexane	ND		ug/kg	11	0.61	1
Freon-113	ND		ug/kg	4.5	0.78	1
Methyl cyclohexane	ND		ug/kg	4.5	0.68	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	114		70-130

Project Name: BUDC
Project Number: 30279118
Lab Number: L2555760
Report Date: 09/24/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/15/25 10:04
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG2115496-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45

Project Name: BUDC
Project Number: 30279118

Lab Number: L2555760
Report Date: 09/24/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/15/25 10:04
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG2115496-5					
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11

Project Name: BUDC
Project Number: 30279118
Lab Number: L2555760
Report Date: 09/24/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/15/25 10:04
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG2115496-5					
Naphthalene	ND		ug/kg	4.0	0.65
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	93		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: BUDC
Project Number: 30279118

Lab Number: L2555760
Report Date: 09/24/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG2115496-3 WG2115496-4								
Methylene chloride	102		96		70-130	6		30
1,1-Dichloroethane	113		106		70-130	6		30
Chloroform	103		98		70-130	5		30
Carbon tetrachloride	108		104		70-130	4		30
1,2-Dichloropropane	107		102		70-130	5		30
Dibromochloromethane	104		102		70-130	2		30
1,1,2-Trichloroethane	100		95		70-130	5		30
Tetrachloroethene	117		111		70-130	5		30
Chlorobenzene	108		104		70-130	4		30
Trichlorofluoromethane	108		100		70-139	8		30
1,2-Dichloroethane	100		96		70-130	4		30
1,1,1-Trichloroethane	114		106		70-130	7		30
Bromodichloromethane	99		98		70-130	1		30
trans-1,3-Dichloropropene	107		100		70-130	7		30
cis-1,3-Dichloropropene	104		102		70-130	2		30
Bromoform	100		93		70-130	7		30
1,1,2,2-Tetrachloroethane	100		94		70-130	6		30
Benzene	108		102		70-130	6		30
Toluene	109		102		70-130	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: BUDC
Project Number: 30279118

Lab Number: L2555760
Report Date: 09/24/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG2115496-3 WG2115496-4								
Ethylbenzene	112		104		70-130	7		30
Chloromethane	**131**	Q	119		52-130	10		30
Bromomethane	88		87		57-147	1		30
Vinyl chloride	102		92		67-130	10		30
Chloroethane	112		102		50-151	9		30
1,1-Dichloroethene	114		105		65-135	8		30
trans-1,2-Dichloroethene	112		106		70-130	6		30
Trichloroethene	112		107		70-130	5		30
1,2-Dichlorobenzene	108		102		70-130	6		30
1,3-Dichlorobenzene	111		106		70-130	5		30
1,4-Dichlorobenzene	108		102		70-130	6		30
Methyl tert butyl ether	96		91		66-130	5		30
p/m-Xylene	116		109		70-130	6		30
o-Xylene	112		107		70-130	5		30
cis-1,2-Dichloroethene	106		101		70-130	5		30
Styrene	108		104		70-130	4		30
Dichlorodifluoromethane	108		101		30-146	7		30
Acetone	127		101		54-140	23		30
Carbon disulfide	102		93		59-130	9		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: BUDC
Project Number: 30279118

Lab Number: L2555760
Report Date: 09/24/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG2115496-3 WG2115496-4								
2-Butanone	80		75		70-130	6		30
4-Methyl-2-pentanone	95		87		70-130	9		30
2-Hexanone	90		78		70-130	14		30
1,2-Dibromoethane	94		89		70-130	5		30
n-Butylbenzene	127		116		70-130	9		30
sec-Butylbenzene	122		113		70-130	8		30
tert-Butylbenzene	119		111		70-130	7		30
1,2-Dibromo-3-chloropropane	98		91		68-130	7		30
Isopropylbenzene	123		111		70-130	10		30
p-Isopropyltoluene	122		113		70-130	8		30
Naphthalene	97		92		70-130	5		30
n-Propylbenzene	119		110		70-130	8		30
1,2,4-Trichlorobenzene	105		99		70-130	6		30
1,3,5-Trimethylbenzene	115		108		70-130	6		30
1,2,4-Trimethylbenzene	115		108		70-130	6		30
Methyl Acetate	105		93		51-146	12		30
Cyclohexane	128		119		59-142	7		30
Freon-113	112		104		50-139	7		30
Methyl cyclohexane	113		107		70-130	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: BUDC
Project Number: 30279118

Lab Number: L2555760
Report Date: 09/24/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG2115496-3 WG2115496-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		96		70-130
Toluene-d8	103		101		70-130
4-Bromofluorobenzene	98		98		70-130
Dibromofluoromethane	91		90		70-130

SEMIVOLATILES

Project Name: BUDC
Project Number: 30279118
Lab Number: L2555760
Report Date: 09/24/25

SAMPLE RESULTS

Lab ID: L2555760-01
Client ID: IMPORT-SOURCE COMPOSITE
Sample Location: BUFFALO, NY 14202

Date Collected: 09/05/25 09:20
Date Received: 09/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/08/25 18:53
Analyst: IMK
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 09/07/25 05:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	220		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	40	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	120	J	ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	110	J	ug/kg	120	22.	1
Benzo(a)pyrene	110	J	ug/kg	150	47.	1

Project Name: BUDC **Lab Number:** L2555760

Project Number: 30279118 **Report Date:** 09/24/25

SAMPLE RESULTS

Lab ID: L2555760-01 Date Collected: 09/05/25 09:20

Client ID: IMPORT-SOURCE COMPOSITE Date Received: 09/05/25

Sample Location: BUFFALO, NY 14202 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	160		ug/kg	120	32.	1
Benzo(k)fluoranthene	54	J	ug/kg	120	31.	1
Chrysene	120		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	39	J	ug/kg	120	38.	1
Benzo(ghi)perylene	88	J	ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	170		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	79	J	ug/kg	150	27.	1
Pyrene	180		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	22	J	ug/kg	190	18.	1
2-Methylnaphthalene	60	J	ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	55	J	ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	67	J	ug/kg	250	52.	1

Project Name: BUDC **Lab Number:** L2555760

Project Number: 30279118 **Report Date:** 09/24/25

SAMPLE RESULTS

Lab ID: L2555760-01 Date Collected: 09/05/25 09:20

Client ID: IMPORT-SOURCE COMPOSITE Date Received: 09/05/25

Sample Location: BUFFALO, NY 14202 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1
1,4-Dioxane	ND		ug/kg	29	8.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	99		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	91		10-136
4-Terphenyl-d14	85		18-120

Project Name: BUDC
Project Number: 30279118
Lab Number: L2555760
Report Date: 09/24/25

SAMPLE RESULTS

Lab ID: L2555760-01
Client ID: IMPORT-SOURCE COMPOSITE
Sample Location: BUFFALO, NY 14202

Date Collected: 09/05/25 09:20
Date Received: 09/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 168,1633A
Analytical Date: 09/10/25 19:39
Analyst: ANH
Percent Solids: 84%

Extraction Method: EPA 1633
Extraction Date: 09/10/25 02:21
Cleanup Method: EPA 1633
Cleanup Date: 09/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.158	J	ng/g	0.797	0.028	1
Perfluoropentanoic Acid (PFPeA)	0.052	J	ng/g	0.398	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.797	0.077	1
Perfluorohexanoic Acid (PFHxA)	0.045	JF	ng/g	0.199	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.199	0.026	1
Perfluoroheptanoic Acid (PFHpA)	0.047	JF	ng/g	0.199	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.199	0.020	1
Perfluorooctanoic Acid (PFOA)	0.223		ng/g	0.199	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.797	0.147	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.045	1
Perfluorononanoic Acid (PFNA)	0.068	J	ng/g	0.199	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.333		ng/g	0.199	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.199	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.797	0.258	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.085	1
Perfluoroundecanoic Acid (PFUnA)	0.034	J	ng/g	0.199	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.199	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.199	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.797	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.797	0.030	1

Project Name: BUDC **Lab Number:** L2555760

Project Number: 30279118 **Report Date:** 09/24/25

SAMPLE RESULTS

Lab ID: L2555760-01 Date Collected: 09/05/25 09:20

Client ID: IMPORT-SOURCE COMPOSITE Date Received: 09/05/25

Sample Location: BUFFALO, NY 14202 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.199	0.022	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.797	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.797	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.398	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.398	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.398	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.398	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.996	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.98	0.235	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.98	0.364	1

Project Name: BUDC **Lab Number:** L2555760

Project Number: 30279118 **Report Date:** 09/24/25

SAMPLE RESULTS

Lab ID: L2555760-01 Date Collected: 09/05/25 09:20

Client ID: IMPORT-SOURCE COMPOSITE Date Received: 09/05/25

Sample Location: BUFFALO, NY 14202 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	103		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	98		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	87		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	78		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	106		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	107		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	87		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	106		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	75		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	89		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	88		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	90		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	72		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	71		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	87		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	105		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	56		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	90		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	81		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	108		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	99		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	95		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	114		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	101		15-130

Project Name: BUDC
Project Number: 30279118

Lab Number: L2555760
Report Date: 09/24/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/08/25 09:46
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 09/07/25 05:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2111585-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	110	J	ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.

Project Name: BUDC
Project Number: 30279118

Lab Number: L2555760
Report Date: 09/24/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/08/25 09:46
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 09/07/25 05:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2111585-1					
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.

Project Name: BUDC
Project Number: 30279118

Lab Number: L2555760
Report Date: 09/24/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/08/25 09:46
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 09/07/25 05:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2111585-1					
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	210	44.
Caprolactam	ND		ug/kg	160	49.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
1,4-Dioxane	ND		ug/kg	24	7.5

Project Name: BUDC
Project Number: 30279118

Lab Number: L2555760
Report Date: 09/24/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/08/25 09:46
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 09/07/25 05:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2111585-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	102		25-120
Phenol-d6	106		10-120
Nitrobenzene-d5	117		23-120
2-Fluorobiphenyl	99		30-120
2,4,6-Tribromophenol	106		10-136
4-Terphenyl-d14	99		18-120

Project Name: BUDC
Project Number: 30279118

Lab Number: L2555760
Report Date: 09/24/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 09/10/25 18:46
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 09/10/25 02:21
Cleanup Method: EPA 1633
Cleanup Date: 09/10/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01 Batch: WG2112706-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.028
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.038
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.078
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.015
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.012
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.026
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.148
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.013
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.031
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.259
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.013
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016

Project Name: BUDC
Project Number: 30279118

Lab Number: L2555760
Report Date: 09/24/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 09/10/25 18:46
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 09/10/25 02:21
Cleanup Method: EPA 1633
Cleanup Date: 09/10/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01 Batch: WG2112706-1					
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.038
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.030
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.030
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.040
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.122
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.017
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.024
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.046
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.082
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.092
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.236
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	0.366

Project Name: BUDC
Project Number: 30279118

Lab Number: L2555760
Report Date: 09/24/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 09/10/25 18:46
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 09/10/25 02:21
Cleanup Method: EPA 1633
Cleanup Date: 09/10/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01 Batch: WG2112706-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	102		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	92		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	87		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	75		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	95		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	94		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	91		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	104		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	79		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	97		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	91		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	96		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	79		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	85		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	90		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	111		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	63		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	103		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	89		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	100		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	110		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	98		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	123		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	112		15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: BUDC
Project Number: 30279118

Lab Number: L2555760
Report Date: 09/24/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2111585-2 WG2111585-3								
Acenaphthene	80		87		31-137	8		50
Hexachlorobenzene	80		86		40-140	7		50
Bis(2-chloroethyl)ether	82		92		40-140	11		50
2-Chloronaphthalene	82		90		40-140	9		50
3,3'-Dichlorobenzidine	80		80		40-140	0		50
2,4-Dinitrotoluene	96		105		40-132	9		50
2,6-Dinitrotoluene	96		105		40-140	9		50
Fluoranthene	82		90		40-140	9		50
4-Chlorophenyl phenyl ether	78		86		40-140	10		50
4-Bromophenyl phenyl ether	82		89		40-140	8		50
Bis(2-chloroisopropyl)ether	87		97		40-140	11		50
Bis(2-chloroethoxy)methane	86		94		40-117	9		50
Hexachlorobutadiene	73		83		40-140	13		50
Hexachlorocyclopentadiene	105		118		40-140	12		50
Hexachloroethane	83		92		40-140	10		50
Isophorone	87		94		40-140	8		50
Naphthalene	80		90		40-140	12		50
Nitrobenzene	98		107		40-140	9		50
NDPA/DPA	82		92		36-157	11		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: BUDC
Project Number: 30279118

Lab Number: L2555760
Report Date: 09/24/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2111585-2 WG2111585-3								
n-Nitrosodi-n-propylamine	88		97		32-121	10		50
Bis(2-ethylhexyl)phthalate	101		109		40-140	8		50
Butyl benzyl phthalate	101		111		40-140	9		50
Di-n-butylphthalate	99		108		40-140	9		50
Di-n-octylphthalate	96		105		40-140	9		50
Diethyl phthalate	85		93		40-140	9		50
Dimethyl phthalate	85		92		40-140	8		50
Benzo(a)anthracene	82		89		40-140	8		50
Benzo(a)pyrene	85		94		40-140	10		50
Benzo(b)fluoranthene	83		91		40-140	9		50
Benzo(k)fluoranthene	81		89		40-140	9		50
Chrysene	81		88		40-140	8		50
Acenaphthylene	87		94		40-140	8		50
Anthracene	84		91		40-140	8		50
Benzo(ghi)perylene	75		85		40-140	13		50
Fluorene	84		91		40-140	8		50
Phenanthrene	81		89		40-140	9		50
Dibenzo(a,h)anthracene	81		90		40-140	11		50
Indeno(1,2,3-cd)pyrene	83		94		40-140	12		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: BUDC
Project Number: 30279118

Lab Number: L2555760
Report Date: 09/24/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2111585-2 WG2111585-3								
Pyrene	82		90		35-142	9		50
Biphenyl	80		88		37-127	10		50
4-Chloroaniline	81		76		40-140	6		50
2-Nitroaniline	113		122		47-134	8		50
3-Nitroaniline	95		92		26-129	3		50
4-Nitroaniline	101		109		41-125	8		50
Dibenzofuran	81		89		40-140	9		50
2-Methylnaphthalene	84		93		40-140	10		50
1,2,4,5-Tetrachlorobenzene	80		86		40-117	7		50
Acetophenone	84		92		14-144	9		50
2,4,6-Trichlorophenol	96		105		30-130	9		50
p-Chloro-m-cresol	94		103		26-103	9		50
2-Chlorophenol	89		97		25-102	9		50
2,4-Dichlorophenol	95		101		30-130	6		50
2,4-Dimethylphenol	92		100		30-130	8		50
2-Nitrophenol	120		**134**	Q	30-130	11		50
4-Nitrophenol	103		114		11-114	10		50
2,4-Dinitrophenol	128		**136**	Q	4-130	6		50
4,6-Dinitro-o-cresol	114		122		10-130	7		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: BUDC
Project Number: 30279118

Lab Number: L2555760
Report Date: 09/24/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2111585-2 WG2111585-3								
Pentachlorophenol	88		95		17-109	8		50
Phenol	90		**97**	Q	26-90	7		50
2-Methylphenol	89		97		30-130	9		50
3-Methylphenol/4-Methylphenol	92		100		30-130	8		50
2,4,5-Trichlorophenol	94		102		30-130	8		50
Carbazole	84		92		54-128	9		50
Atrazine	84		92		40-140	9		50
Benzaldehyde	130		137		40-140	5		50
Caprolactam	116		124		15-130	7		50
2,3,4,6-Tetrachlorophenol	95		106		40-140	11		50
1,4-Dioxane	60		68		40-140	13		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	88		98		25-120
Phenol-d6	91		99		10-120
Nitrobenzene-d5	100		112		23-120
2-Fluorobiphenyl	81		88		30-120
2,4,6-Tribromophenol	94		102		10-136
4-Terphenyl-d14	78		87		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: BUDC
Project Number: 30279118

Lab Number: L2555760
Report Date: 09/24/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG2112706-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	105		-		70-140	-		
Perfluoropentanoic Acid (PFPeA)	100		-		60-150	-		
Perfluorobutanesulfonic Acid (PFBS)	115		-		65-145	-		
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	138		-		60-150	-		
Perfluorohexanoic Acid (PFHxA)	108		-		65-140	-		
Perfluoropentanesulfonic Acid (PFPeS)	115		-		55-160	-		
Perfluoroheptanoic Acid (PFHpA)	106		-		65-145	-		
Perfluorohexanesulfonic Acid (PFHxS)	116		-		60-150	-		
Perfluorooctanoic Acid (PFOA)	108		-		70-150	-		
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	110		-		55-200	-		
Perfluoroheptanesulfonic Acid (PFHpS)	114		-		65-155	-		
Perfluorononanoic Acid (PFNA)	118		-		70-155	-		
Perfluorooctanesulfonic Acid (PFOS)	98		-		65-160	-		
Perfluorodecanoic Acid (PFDA)	118		-		70-155	-		
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	121		-		70-150	-		
Perfluorononanesulfonic Acid (PFNS)	100		-		55-140	-		
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	100		-		65-155	-		
Perfluoroundecanoic Acid (PFUnA)	117		-		70-155	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: BUDC
Project Number: 30279118

Lab Number: L2555760
Report Date: 09/24/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG2112706-2 LOW LEVEL								
Perfluorodecanesulfonic Acid (PFDS)	106		-		40-155	-		
Perfluorooctanesulfonamide (PFOSA)	111		-		70-140	-		
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	103		-		65-165	-		
Perfluorododecanoic Acid (PFDoA)	115		-		70-150	-		
Perfluorotridecanoic Acid (PFTrDA)	96		-		65-150	-		
Perfluorotetradecanoic Acid (PFTeDA)	105		-		65-150	-		
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	108		-		70-145	-		
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	112		-		70-160	-		
Perfluorododecanesulfonic Acid (PFDoS)	108		-		25-160	-		
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	117		-		70-150	-		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	118		-		45-160	-		
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	105		-		70-155	-		
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	102		-		70-140	-		
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	103		-		70-140	-		
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	108		-		70-135	-		
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	103		-		30-140	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: BUDC
Project Number: 30279118

Lab Number: L2555760
Report Date: 09/24/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG2112706-2 LOW LEVEL								
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	107		-		60-150	-		
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	108		-		70-140	-		
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	107		-		60-155	-		
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	103		-		45-130	-		
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	113		-		60-130	-		
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	113		-		60-150	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: BUDC
Project Number: 30279118

Lab Number: L2555760
Report Date: 09/24/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG2112706-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	116				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	115				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	103				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	88				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	118				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	120				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	103				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	117				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	99				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	117				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	103				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	113				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	84				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	91				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	108				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	121				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	66				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	110				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	99				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	126				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	114				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	113				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	128				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	122				15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: BUDC
Project Number: 30279118

Lab Number: L2555760
Report Date: 09/24/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG2112706-3								
Perfluorobutanoic Acid (PFBA)	102		-		70-140	-		
Perfluoropentanoic Acid (PFPeA)	104		-		60-150	-		
Perfluorobutanesulfonic Acid (PFBS)	119		-		65-145	-		
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	127		-		60-150	-		
Perfluorohexanoic Acid (PFHxA)	117		-		65-140	-		
Perfluoropentanesulfonic Acid (PFPeS)	104		-		55-160	-		
Perfluoroheptanoic Acid (PFHpA)	106		-		65-145	-		
Perfluorohexanesulfonic Acid (PFHxS)	103		-		60-150	-		
Perfluorooctanoic Acid (PFOA)	93		-		70-150	-		
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	129		-		55-200	-		
Perfluoroheptanesulfonic Acid (PFHpS)	123		-		65-155	-		
Perfluorononanoic Acid (PFNA)	128		-		70-155	-		
Perfluorooctanesulfonic Acid (PFOS)	103		-		65-160	-		
Perfluorodecanoic Acid (PFDA)	120		-		70-155	-		
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	141		-		70-150	-		
Perfluorononanesulfonic Acid (PFNS)	124		-		55-140	-		
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	112		-		65-155	-		
Perfluoroundecanoic Acid (PFUnA)	129		-		70-155	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: BUDC
Project Number: 30279118

Lab Number: L2555760
Report Date: 09/24/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG2112706-3								
Perfluorodecanesulfonic Acid (PFDS)	114		-		40-155	-		
Perfluorooctanesulfonamide (PFOSA)	116		-		70-140	-		
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	108		-		65-165	-		
Perfluorododecanoic Acid (PFDoA)	118		-		70-150	-		
Perfluorotridecanoic Acid (PFTrDA)	107		-		65-150	-		
Perfluorotetradecanoic Acid (PFTeDA)	112		-		65-150	-		
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	128		-		70-145	-		
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	130		-		70-160	-		
Perfluorododecanesulfonic Acid (PFDoS)	118		-		25-160	-		
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	126		-		70-150	-		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	130		-		45-160	-		
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	117		-		70-155	-		
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	119		-		70-140	-		
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	109		-		70-140	-		
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	119		-		70-135	-		
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	111		-		30-140	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: BUDC
Project Number: 30279118

Lab Number: L2555760
Report Date: 09/24/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG2112706-3								
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	118		-		60-150	-		
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	113		-		70-140	-		
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	116		-		60-155	-		
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	102		-		45-130	-		
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	111		-		60-130	-		
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	118		-		60-150	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: BUDC
Project Number: 30279118

Lab Number: L2555760
Report Date: 09/24/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG2112706-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	101				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	97				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	84				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	74				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	102				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	101				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	93				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	120				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	72				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	92				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	86				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	99				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	64				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	82				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	88				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	109				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	60				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	96				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	85				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	95				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	99				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	96				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	115				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	105				15-130

PCBS

Project Name: BUDC
Project Number: 30279118
Lab Number: L2555760
Report Date: 09/24/25

SAMPLE RESULTS

Lab ID: L2555760-01
Client ID: IMPORT-SOURCE COMPOSITE
Sample Location: BUFFALO, NY 14202

Date Collected: 09/05/25 09:20
Date Received: 09/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/08/25 18:48
Analyst: MEO
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 09/08/25 06:45
Cleanup Method: EPA 3665A
Cleanup Date: 09/08/25
Cleanup Method: EPA 3660B
Cleanup Date: 09/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	58.7	5.22	1	A
Aroclor 1221	ND		ug/kg	58.7	5.88	1	A
Aroclor 1232	ND		ug/kg	58.7	12.4	1	A
Aroclor 1242	ND		ug/kg	58.7	7.92	1	A
Aroclor 1248	ND		ug/kg	58.7	8.81	1	A
Aroclor 1254	ND		ug/kg	58.7	6.42	1	A
Aroclor 1260	ND		ug/kg	58.7	10.8	1	A
Aroclor 1262	ND		ug/kg	58.7	7.46	1	A
Aroclor 1268	ND		ug/kg	58.7	6.08	1	A
PCBs, Total	ND		ug/kg	58.7	5.22	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: BUDC
Project Number: 30279118

Lab Number: L2555760
Report Date: 09/24/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 09/08/25 18:06
Analyst: AD

Extraction Method: EPA 3546
Extraction Date: 09/08/25 06:45
Cleanup Method: EPA 3665A
Cleanup Date: 09/08/25
Cleanup Method: EPA 3660B
Cleanup Date: 09/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG2111829-1						
Aroclor 1016	ND		ug/kg	48.5	4.31	A
Aroclor 1221	ND		ug/kg	48.5	4.86	A
Aroclor 1232	ND		ug/kg	48.5	10.3	A
Aroclor 1242	ND		ug/kg	48.5	6.54	A
Aroclor 1248	ND		ug/kg	48.5	7.28	A
Aroclor 1254	ND		ug/kg	48.5	5.31	A
Aroclor 1260	ND		ug/kg	48.5	8.97	A
Aroclor 1262	ND		ug/kg	48.5	6.16	A
Aroclor 1268	ND		ug/kg	48.5	5.03	A
PCBs, Total	ND		ug/kg	48.5	4.31	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	82		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: BUDC
Project Number: 30279118

Lab Number: L2555760
Report Date: 09/24/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG2111829-2 WG2111829-3									
Aroclor 1016	88		90		40-140	2		50	A
Aroclor 1260	90		90		40-140	0		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		90		30-150	A
Decachlorobiphenyl	81		81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		88		30-150	B
Decachlorobiphenyl	82		86		30-150	B

PESTICIDES

Project Name: BUDC
Project Number: 30279118
Lab Number: L2555760
Report Date: 09/24/25

SAMPLE RESULTS

Lab ID: L2555760-01
Client ID: IMPORT-SOURCE COMPOSITE
Sample Location: BUFFALO, NY 14202

Date Collected: 09/05/25 09:20
Date Received: 09/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/09/25 14:07
Analyst: AKM
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 09/08/25 08:44
Cleanup Method: EPA 3620B
Cleanup Date: 09/08/25
Cleanup Method: EPA 3660B
Cleanup Date: 09/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.86	0.364	1	A
Lindane	ND		ug/kg	0.776	0.347	1	A
Alpha-BHC	ND		ug/kg	0.776	0.220	1	A
Beta-BHC	ND		ug/kg	1.86	0.706	1	A
Heptachlor	ND		ug/kg	0.931	0.417	1	A
Aldrin	ND		ug/kg	1.86	0.655	1	A
Heptachlor epoxide	ND		ug/kg	3.49	1.05	1	A
Endrin	ND		ug/kg	0.776	0.318	1	A
Endrin aldehyde	ND		ug/kg	2.33	0.814	1	A
Endrin ketone	ND		ug/kg	1.86	0.479	1	A
Dieldrin	ND		ug/kg	1.16	0.582	1	A
4,4'-DDE	1.08	J	ug/kg	1.86	0.430	1	B
4,4'-DDD	ND		ug/kg	1.86	0.664	1	A
4,4'-DDT	ND		ug/kg	1.86	1.50	1	A
Endosulfan I	ND		ug/kg	1.86	0.440	1	A
Endosulfan II	ND		ug/kg	1.86	0.622	1	A
Endosulfan sulfate	ND		ug/kg	0.776	0.369	1	A
Methoxychlor	ND		ug/kg	3.49	1.09	1	A
Toxaphene	ND		ug/kg	34.9	9.77	1	A
cis-Chlordane	ND		ug/kg	2.33	0.648	1	A
trans-Chlordane	ND		ug/kg	2.33	0.614	1	A
Chlordane	ND		ug/kg	15.5	6.17	1	A

Project Name: BUDC **Lab Number:** L2555760

Project Number: 30279118 **Report Date:** 09/24/25

SAMPLE RESULTS

Lab ID: L2555760-01 Date Collected: 09/05/25 09:20

Client ID: IMPORT-SOURCE COMPOSITE Date Received: 09/05/25

Sample Location: BUFFALO, NY 14202 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: BUDC
Project Number: 30279118
Lab Number: L2555760
Report Date: 09/24/25

SAMPLE RESULTS

Lab ID: L2555760-01
Client ID: IMPORT-SOURCE COMPOSITE
Sample Location: BUFFALO, NY 14202

Date Collected: 09/05/25 09:20
Date Received: 09/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/12/25 00:13
Analyst: EJL
Percent Solids: 84%
Methylation Date: 09/11/25 20:30

Extraction Method: EPA 8151A
Extraction Date: 09/10/25 13:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	196	12.3	1	A
2,4,5-T	ND		ug/kg	196	6.06	1	A
2,4,5-TP (Silvex)	ND		ug/kg	196	5.20	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	82		30-150	A
DCAA	82		30-150	B

Project Name: BUDC
Project Number: 30279118

Lab Number: L2555760
Report Date: 09/24/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 09/09/25 09:49
Analyst: EJL

Extraction Method: EPA 3546
Extraction Date: 09/08/25 08:23
Cleanup Method: EPA 3620B
Cleanup Date: 09/08/25
Cleanup Method: EPA 3660B
Cleanup Date: 09/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG2111877-1						
Delta-BHC	ND		ug/kg	1.55	0.303	A
Lindane	ND		ug/kg	0.644	0.288	A
Alpha-BHC	ND		ug/kg	0.644	0.183	A
Beta-BHC	ND		ug/kg	1.55	0.586	A
Heptachlor	ND		ug/kg	0.773	0.347	A
Aldrin	ND		ug/kg	1.55	0.544	A
Heptachlor epoxide	ND		ug/kg	2.90	0.870	A
Endrin	ND		ug/kg	0.644	0.264	A
Endrin aldehyde	ND		ug/kg	1.93	0.676	A
Endrin ketone	ND		ug/kg	1.55	0.398	A
Dieldrin	ND		ug/kg	0.966	0.483	A
4,4'-DDE	ND		ug/kg	1.55	0.358	A
4,4'-DDD	ND		ug/kg	1.55	0.552	A
4,4'-DDT	ND		ug/kg	1.55	1.24	A
Endosulfan I	ND		ug/kg	1.55	0.365	A
Endosulfan II	ND		ug/kg	1.55	0.517	A
Endosulfan sulfate	ND		ug/kg	0.644	0.307	A
Methoxychlor	ND		ug/kg	2.90	0.902	A
Toxaphene	ND		ug/kg	29.0	8.12	A
cis-Chlordane	ND		ug/kg	1.93	0.539	A
trans-Chlordane	ND		ug/kg	1.93	0.510	A
Chlordane	ND		ug/kg	12.9	5.12	A

Project Name: BUDC
Project Number: 30279118

Lab Number: L2555760
Report Date: 09/24/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 09/09/25 09:49
Analyst: EJL

Extraction Method: EPA 3546
Extraction Date: 09/08/25 08:23
Cleanup Method: EPA 3620B
Cleanup Date: 09/08/25
Cleanup Method: EPA 3660B
Cleanup Date: 09/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG2111877-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: BUDC
Project Number: 30279118

Lab Number: L2555760
Report Date: 09/24/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 09/11/25 08:02
Analyst: AKM

Extraction Method: EPA 8151A
Extraction Date: 09/10/25 13:44

Methylation Date: 09/11/25 04:51

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01 Batch: WG2113049-1						
2,4-D	ND		ug/kg	167	10.5	A
2,4,5-T	ND		ug/kg	167	5.17	A
2,4,5-TP (Silvex)	ND		ug/kg	167	4.43	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	75		30-150	A
DCAA	70		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: BUDC
Project Number: 30279118

Lab Number: L2555760
Report Date: 09/24/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG2111877-2 WG2111877-3									
Delta-BHC	111		92		30-150	19		30	A
Lindane	102		88		30-150	15		30	A
Alpha-BHC	102		88		30-150	15		30	A
Beta-BHC	98		85		30-150	14		30	A
Heptachlor	98		86		30-150	13		30	A
Aldrin	98		85		30-150	14		30	A
Heptachlor epoxide	98		84		30-150	15		30	A
Endrin	107		94		30-150	13		30	A
Endrin aldehyde	88		78		30-150	12		30	A
Endrin ketone	103		92		30-150	11		30	A
Dieldrin	96		83		30-150	15		30	A
4,4'-DDE	99		86		30-150	14		30	A
4,4'-DDD	103		90		30-150	13		30	A
4,4'-DDT	106		92		30-150	14		30	A
Endosulfan I	98		86		30-150	13		30	A
Endosulfan II	104		91		30-150	13		30	A
Endosulfan sulfate	97		86		30-150	12		30	A
Methoxychlor	97		87		30-150	11		30	A
cis-Chlordane	93		81		30-150	14		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: BUDC
Project Number: 30279118

Lab Number: L2555760
Report Date: 09/24/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG2111877-2 WG2111877-3									
trans-Chlordane	92		80		30-150	14		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		73		30-150	A
Decachlorobiphenyl	75		69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		76		30-150	B
Decachlorobiphenyl	91		83		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: BUDC
Project Number: 30279118

Lab Number: L2555760
Report Date: 09/24/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01 Batch: WG2113049-2 WG2113049-3									
2,4-D	66		77		30-150	15		30	A
2,4,5-T	73		81		30-150	10		30	A
2,4,5-TP (Silvex)	67		77		30-150	14		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	64		73		30-150	A
DCAA	77		81		30-150	B

METALS

Project Name: BUDC
Project Number: 30279118
Lab Number: L2555760
Report Date: 09/24/25

SAMPLE RESULTS

Lab ID: L2555760-01
Client ID: IMPORT-SOURCE COMPOSITE
Sample Location: BUFFALO, NY 14202
Date Collected: 09/05/25 09:20
Date Received: 09/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	5.56		mg/kg	0.942	0.407	2	09/12/25 01:35	09/16/25 20:58	EPA 3050B	1,6010D	JMF
Barium, Total	75.1		mg/kg	0.942	0.100	2	09/12/25 01:35	09/16/25 20:58	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.563		mg/kg	0.471	0.052	2	09/12/25 01:35	09/16/25 20:58	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.401	J	mg/kg	0.942	0.052	2	09/12/25 01:35	09/16/25 20:58	EPA 3050B	1,6010D	JMF
Chromium, Total	13.4		mg/kg	0.942	0.799	2	09/12/25 01:35	09/16/25 20:58	EPA 3050B	1,6010D	JMF
Copper, Total	16.0		mg/kg	0.942	0.214	2	09/12/25 01:35	09/16/25 20:58	EPA 3050B	1,6010D	JMF
Lead, Total	40.0		mg/kg	4.71	0.224	2	09/12/25 01:35	09/16/25 20:58	EPA 3050B	1,6010D	JMF
Manganese, Total	361		mg/kg	0.942	0.505	2	09/12/25 01:35	09/16/25 20:58	EPA 3050B	1,6010D	JMF
Mercury, Total	0.064	J	mg/kg	0.082	0.053	1	09/11/25 23:56	09/12/25 17:26	EPA 7471B	1,7471B	RDB
Nickel, Total	13.9		mg/kg	2.35	0.761	2	09/12/25 01:35	09/16/25 20:58	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.88	0.310	2	09/12/25 01:35	09/16/25 20:58	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.471	0.281	2	09/12/25 01:35	09/16/25 20:58	EPA 3050B	1,6010D	JMF
Zinc, Total	86.6		mg/kg	4.71	0.571	2	09/12/25 01:35	09/16/25 20:58	EPA 3050B	1,6010D	JMF
General Chemistry - Mansfield Lab											
Chromium, Trivalent	13.4		mg/kg	0.950	0.799	1		09/19/25 16:55	NA	107,-	

Project Name: BUDC
Project Number: 30279118
Lab Number: L2555760
Report Date: 09/24/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG2113677-1										
Arsenic, Total	ND		mg/kg	0.400	0.173	1	09/12/25 01:35	09/16/25 20:05	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.042	1	09/12/25 01:35	09/16/25 20:05	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.200	0.022	1	09/12/25 01:35	09/16/25 20:05	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.022	1	09/12/25 01:35	09/16/25 20:05	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.339	1	09/12/25 01:35	09/16/25 20:05	1,6010D	JMF
Copper, Total	ND		mg/kg	0.400	0.091	1	09/12/25 01:35	09/16/25 20:05	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.095	1	09/12/25 01:35	09/16/25 20:05	1,6010D	JMF
Manganese, Total	ND		mg/kg	0.400	0.214	1	09/12/25 01:35	09/16/25 20:05	1,6010D	JMF
Nickel, Total	ND		mg/kg	1.00	0.323	1	09/12/25 01:35	09/16/25 20:05	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.132	1	09/12/25 01:35	09/16/25 20:05	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.119	1	09/12/25 01:35	09/16/25 20:05	1,6010D	JMF
Zinc, Total	ND		mg/kg	2.00	0.242	1	09/12/25 01:35	09/16/25 20:05	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG2113679-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	09/11/25 23:56	09/12/25 17:11	1,7471B	RDB

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis
Batch Quality Control

Project Name: BUDC
Project Number: 30279118

Lab Number: L2555760
Report Date: 09/24/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG2113677-2								
Arsenic, Total	100		-		80-120	-		20
Barium, Total	102		-		80-120	-		20
Beryllium, Total	107		-		80-120	-		20
Cadmium, Total	101		-		80-120	-		20
Chromium, Total	101		-		80-120	-		20
Copper, Total	104		-		80-120	-		20
Lead, Total	101		-		80-120	-		20
Manganese, Total	107		-		80-120	-		20
Nickel, Total	104		-		80-120	-		20
Selenium, Total	102		-		80-120	-		20
Silver, Total	101		-		80-120	-		20
Zinc, Total	102		-		80-120	-		20
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG2113679-2								
Mercury, Total	98		-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: BUDC
Project Number: 30279118

Lab Number: L2555760
Report Date: 09/24/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2113677-3 QC Sample: L2556036-01 Client ID: MS Sample												
Arsenic, Total	5.63	10.3	16.4	105		-	-		75-125	-		
Barium, Total	123	171	315	112		-	-		75-125	-		
Beryllium, Total	0.302J	4.29	4.75	111		-	-		75-125	-		
Cadmium, Total	0.315J	4.54	4.48	98		-	-		75-125	-		
Chromium, Total	12.1	17.1	27.8	92		-	-		75-125	-		
Copper, Total	55.2	21.4	81.8	124		-	-		75-125	-		
Lead, Total	207	45.4	269	**136**	Q	-	-		75-125	-		
Manganese, Total	207	42.9	268	**142**	Q	-	-		75-125	-		
Nickel, Total	12.2	42.9	54.5	99		-	-		75-125	-		
Selenium, Total	ND	10.3	9.91	96		-	-		75-125	-		
Silver, Total	0.257J	4.29	4.58	107		-	-		75-125	-		
Zinc, Total	110	42.9	176	**154**	Q	-	-		75-125	-		
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2113679-3 QC Sample: L2556036-01 Client ID: MS Sample												
Mercury, Total	0.341	1.47	1.86	103		-	-		80-120	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUDC
Project Number: 30279118

Lab Number: L2555760
Report Date: 09/24/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2113677-4 QC Sample: L2556036-01 Client ID: DUP Sample						
Arsenic, Total	5.63	6.14	mg/kg	9		20
Barium, Total	123	165	mg/kg	**29**	Q	20
Beryllium, Total	0.302J	0.305J	mg/kg	NC		20
Cadmium, Total	0.315J	0.126J	mg/kg	NC		20
Chromium, Total	12.1	12.8	mg/kg	6		20
Copper, Total	55.2	52.0	mg/kg	6		20
Lead, Total	207	215	mg/kg	4		20
Manganese, Total	207	231	mg/kg	11		20
Nickel, Total	12.2	13.4	mg/kg	9		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	0.257J	0.300J	mg/kg	NC		20
Zinc, Total	110	133	mg/kg	19		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2113679-4 QC Sample: L2556036-01 Client ID: DUP Sample						
Mercury, Total	0.341	0.373	mg/kg	9		20

Project Name: BUDC
Project Number: 30279118

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2555760
Report Date: 09/24/25

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2113677-6 QC Sample: L2556036-01 Client ID: DUP Sample						
Barium, Total	123	126	mg/kg	2		20
Copper, Total	55.2	56.2	mg/kg	2		20
Lead, Total	207	209	mg/kg	1		20
Manganese, Total	207	220	mg/kg	6		20
Zinc, Total	110	117	mg/kg	6		20

INORGANICS
&
MISCELLANEOUS

Project Name: BUDC
Project Number: 30279118

Lab Number: L2555760
Report Date: 09/24/25

SAMPLE RESULTS

Lab ID: L2555760-01
Client ID: IMPORT-SOURCE COMPOSITE
Sample Location: BUFFALO, NY 14202

Date Collected: 09/05/25 09:20
Date Received: 09/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.2		%	0.100	NA	1	-	09/09/25 15:08	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	09/10/25 20:30	09/11/25 13:02	1,9010C/9012B	SRM
Chromium, Hexavalent	ND		mg/kg	0.950	0.190	1	09/17/25 13:20	09/19/25 16:55	1,7196A	RDS

Project Name: BUDC
Project Number: 30279118

Lab Number: L2555760
Report Date: 09/24/25

SAMPLE RESULTS

Lab ID: L2555760-02
Client ID: IMPORT-SOURCE VOCS
Sample Location: BUFFALO, NY 14202

Date Collected: 09/05/25 09:25
Date Received: 09/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.9		%	0.100	NA	1	-	09/09/25 12:59	121,2540G	ROI

Project Name: BUDC
Project Number: 30279118
Lab Number: L2555760
Report Date: 09/24/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG2113178-1										
Cyanide, Total	ND		mg/kg	0.97	0.20	1	09/10/25 20:30	09/11/25 12:58	1,9010C/9012B	SRM
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG2115949-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	09/17/25 13:20	09/19/25 16:55	1,7196A	RDS

Lab Control Sample Analysis
Batch Quality Control

Project Name: BUDC
Project Number: 30279118

Lab Number: L2555760
Report Date: 09/24/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG2113178-2 WG2113178-3								
Cyanide, Total	102		90		80-120	12		35
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG2115949-2								
Chromium, Hexavalent	95		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: BUDC
Project Number: 30279118

Lab Number: L2555760
Report Date: 09/24/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2113178-4 WG2113178-5 QC Sample: L2556270-10 Client ID: MS Sample												
Cyanide, Total	0.47J	9.9	10	96		12	110		75-125	15		35
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2113178-6 WG2113178-7 QC Sample: L2555946-03 Client ID: MS Sample												
Cyanide, Total	0.95J	42	35	82		36	78		75-125	5		35
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2115949-4 QC Sample: L2555760-01 Client ID: IMPORT-SOURCE COMPOSITE												
Chromium, Hexavalent	ND	1340	950	**71**	Q	-	-		75-125	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUDC
Project Number: 30279118

Lab Number: L2555760
Report Date: 09/24/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 02 QC Batch ID: WG2112362-1 QC Sample: L2555001-10 Client ID: DUP Sample						
Solids, Total	91.5	90.8	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2112552-1 QC Sample: L2555001-09 Client ID: DUP Sample						
Solids, Total	95.9	96.1	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2115949-6 QC Sample: L2555760-01 Client ID: IMPORT-SOURCE COMPOSITE						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: BUDC
Project Number: 30279118

Lab Number: L2555760
Report Date: 09/24/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2555760-01A	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),MN-TI(180),HG-T(28),CD-TI(180)
L2555760-01B	Glass 120ml/4oz unpreserved	NA	NA			Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),TS(7),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2555760-01C	Plastic 8oz unpreserved	NA	NA			Y	Absent		A2-NY-1633(90)
L2555760-01D	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2555760-02A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW-R2(14)
L2555760-02B	Vial water preserved	NA	NA			Y	Absent	06-SEP-25 11:55	NYTCL-8260HLW-R2(14)
L2555760-02C	Vial water preserved	NA	NA			Y	Absent	06-SEP-25 11:55	NYTCL-8260HLW-R2(14)
L2555760-02D	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: BUDC
Project Number: 30279118

Lab Number: L2555760
Report Date: 09/24/25

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: BUDC
Project Number: 30279118

Lab Number: L2555760
Report Date: 09/24/25

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	BUDC	**Lab Number:**	L2555760
Project Number:	30279118	**Report Date:**	09/24/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	BUDC	**Lab Number:**	L2555760
Project Number:	30279118	**Report Date:**	09/24/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

Project Name:	BUDC	**Lab Number:**	L2555760
Project Number:	30279118	**Report Date:**	09/24/25

Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: BUDC
Project Number: 30279118
Lab Number: L2555760
Report Date: 09/24/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

107 Calculation method.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

168 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. EPA Method 1633A, EPA 820-R-24-007, December 2024.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

L2555760
ARCADIS – BUF

NEW YORK CHAIN OF CUSTODY

Pace ANALYTICAL SERVICES

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Woodcliff Lake, NJ 07677: 123 Tice Blvd, Suite 101
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 9/6/25

Client Information

Client: ARCADIS
Address: 50 Fountain Plaza Ste 360
Buffalo, NY 14202
Phone: 585-749-0778
Fax:
Email: andrei.romei@arcadis.com

Project Information

Project Name: BUDC Source
Project Location: 2313 Townline Rd, Alden, NY
Project #: 30279118
(Use Project name as Project #) ☐
Project Manager: Carl Janish
PACE Quote #: 535109

Turn-Around Time

Standard ☐ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☐ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Pace ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

PACE Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TS - SM2540	TCL VOCs 8260D/5035	NYTCL SVOCs 8270E	PFAAs 1633	Pesticides 8081B	Herbicides 8151A	TCLP CAs 6010A	NY 375 Total metals	Total Bottle
55760-01	IMPORT-SOURCE COMPOSITE	9/5/25	0920	S	AJS			X	X	X	X	X	X	4
02	IMPORT-SOURCE VOCS	9/5/25	0925	S	AJS	X	X							4

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Sample Specific Comments

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	P	G	A	P	A	A	A	A
Preservative	A	F,O	A	A	A	A	A	A

Relinquished By:	Date/Time	Received By:	Date/Time
	9/5/25 1040	PACE	9/5/25 1040
PACE	9/5/25 1040	BUF S.C. PACE	9/5/25 1040
	9-5-25 15:04		9/6 2500
	9/6 0230	09/06/25	02:30

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY PACE'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 29-Jan-2025)

Sample Delivery Group Summary

Pace Job Number : L2555760

Account Name : Arcadis
Project Number : 30279118
Project Name : BUDC

Received : 05-SEP-2025
Reviewer : Maile Kolton

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.9	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NO**

Table 1
Analytical Results for Topsoil Fill Material
Cobey-Buffalo Lakeside Commerce Park
Buffalo, New York

Sample ID: / Sample Date:	Allowable Constituent Levels for Imported Fill or Soil - Table 5.4(e) - Industrial Use	IMPORT-SOURCE 9/5/2025
Pesticides/Herbicides (mg/kg)		
2,4,5-T	NA	NS
2,4,5-TP Acid (Silvex)	3.8	ND
2,4-D	NA	ND
Dicamba	NA	ND
4,4'-DDE	17	0.00108 J
4,4'-DDT	47	ND
4,4'-DDD	14	ND
Aldrin	0.19	ND
alpha-BHC	0.02	ND
beta-BHC	0.09	ND
Chlordane (alpha)	2.9	ND
Chlordane (gamma)	NA	ND
delta-BHC	0.25	ND
Dibenzofuran	210	ND
Dieldrin	0.1	ND
Endosulfan I	102	ND
Endosulfan II	102	ND
Endosulfan sulfate	200	ND
Endrin	0.06	ND
Endrin Aldehyde	NA	ND
Endrin Ketone	NA	ND
Heptachlor	0.38	ND
Heptachlor Epoxide	NA	ND
Methoxychlor	NA	ND
Toxaphene	NA	ND
Lindane	0.1	ND
Polychlorinated biphenyls (mg/kg)		
Aroclor 1016	NA	ND
Aroclor 1221	NA	ND
Aroclor 1232	NA	ND
Aroclor 1242	NA	ND
Aroclor 1248	NA	ND
Aroclor 1254	NA	ND
Aroclor 1260	NA	ND
Aroclor 1262	NA	ND
Aroclor 1268	NA	ND
Total PCBs	1	ND
Metals (mg/kg)		
Aluminum	NA	NA
Antimony	NA	NA
Arsenic	16	5.56
Barium	400	75.1
Beryllium	47	0.563
Cadmium	7.5	0.401 J
Calcium	NA	NA
Chromium, hexavalent*	19	ND
Chromium, trivalent*	1,500	13.4
Chromium (total)	NA	13.4
Cobalt	NA	NA
Copper	270	16
Iron	NA	NA
Lead	450	40
Manganese	2,000	361
Magnesium	NA	NA
Total Mercury	0.73	0.064 J
Nickel	130	13.9
Potassium	NA	NA
Selenium	4	ND
Silver	2	ND
Sodium	NA	NA
Thallium	NA	NA
Vanadium	NA	NA
Zinc	2480	86.6
Total Cyanide	27	ND
Volatile Organic Compounds (mg/kg)		
1,1,1-Trichloroethane	0.68	ND
1,1,2,2-Tetrachloroethane	NA	ND
1,1,2-Trichloroethane	NA	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	NS
1,1-Dichloroethane	0.27	ND
1,1-Dichloroethene	0.33	ND
1,2,3-Trichlorobenzene	NA	NS
1,2,4-Trichlorobenzene	NA	ND
1,2,4-Trimethylbenzene	NA	ND
1,2-Dibromo-3-chloropropane (DBCP)	NA	ND

Table 1
Analytical Results for Topsoil Fill Material
Cobey-Buffalo Lakeside Commerce Park
Buffalo, New York

Sample ID: / Sample Date:	Allowable Constituent Levels for Imported Fill or Soil - Table 5.4(e) - Industrial Use	IMPORT-SOURCE 9/5/2025
Volatile Organic Compounds (mg/kg) (continued)		
1,2-Dibromoethane	NA	ND
1,2-Dichlorobenzene	1.1	ND
1,2-Dichloroethane	0.02	ND
1,2-Dichloropropane	NA	NS
cis-1,2-Dichloroethene	0.25	ND
cis-1,3-Dichloropropene	NA	NS
trans-1,2-Dichloroethene	0.19	ND
trans 1,3-Dichloropropene	NA	ND
cis 1,3-Dichloropropene	NA	ND
1,3-Dichlorobenzene	2.4	ND
1,3,5-Trimethylbenzene	NA	ND
1,4-Dichlorobenzene	1.8	ND
1,4-Dioxane (8260C)	0.1	NS
1,4-Dioxane (8270D)	0.1	ND
2-Hexanone	NA	ND
4-Methyl-2-pentanone	NA	ND
Acetone	0.05	ND
Benzene	0.06	ND
Bromochloromethane	NA	NS
Bromodichloromethane	NA	ND
Bromoform	NA	ND
Bromomethane	NA	ND
Carbon Disulfide	NA	ND
Butylbenzene	12	ND
Carbon Tetrachloride	0.76	ND
Chlorobenzene	1.1	ND
Chloroethane	NA	ND
Chloroform	0.37	ND
Chloromethane	NA	ND
Cyclohexane	NA	ND
Dibromochloromethane	NA	ND
Dichlorodifluoromethane (CFC 12)	NA	ND
Dichloromethane	NA	NS
Ethylbenzene	1	ND
Freon-113	NA	ND
Isopropylbenzene (Cumene)	NA	ND
Isopropyltoluene-n	NA	ND
Hexachlorobenzene	3.2	ND
Methyl ethyl ketone (2-butanone)	0.12	ND
Methyl Acetate	NA	ND
Methyl tert-butyl ether	0.93	ND
Methylcyclohexane	NA	ND
Methylene Chloride	0.05	ND
Naphthalene	NA	ND
Propylbenzene-n	3.9	ND
sec-Butylbenzene	11	ND
Styrene	NA	ND
tert-Butylbenzene	5.9	ND
Tetrachloroethene (PCE)	1.3	ND
Toluene	0.7	ND
Trichloroethene (TCE)	0.47	ND
Trichlorofluoromethane (CFC 11)	NA	ND
Trimethylbenzene-1,2,4	3.6	ND
Trimethylbenzene-1,3,5	8.4	ND
Vinyl Chloride	0.02	ND
m,p-Xylenes	NA	ND
o-Xylene	NA	ND
Xylene (Total)	1.6	ND
trans-1,3-Dichloropropene	NA	NS
Semi-Volatile Organic Compounds (mg/kg)		
1,2,4,5-Tetrachlorobenzene	NA	ND
2,3,4,6-Tetrachlorophenol	NA	ND
2,4,5-Trichlorophenol	NA	ND
2,4,6-Trichlorophenol	NA	ND
2,4,-Dichlorophenol	NA	NS
2,4,-Dinitrophenol	NA	NS
2,4,-Dinitrotoluene	NA	ND
2,6,-Dinitrotoluene	NA	ND
2-Chloronapthalene	NA	ND
2-Chlorophenol	NA	NS
2-Methylnapthalene	NA	0.060 J
2-Methylphenol	NA	ND
2-Nitroaniline	NA	ND
2-Nitrophenol	NA	NS
3,3'Dichlorobenzidine	NA	ND

Table 1
Analytical Results for Topsoil Fill Material
Cobey-Buffalo Lakeside Commerce Park
Buffalo, New York

Sample ID: / Sample Date:	Allowable Constituent Levels for Imported Fill or Soil - Table 5.4(e) - Industrial Use	IMPORT-SOURCE 9/5/2025
Semi-Volatile Organic Compounds (mg/kg) (continued)		
3- and 4-Methylphenol Coelution	NA	NS
3-Nitroaniline	NA	ND
4,6-Dinitro-2-methylphenol	NA	NS
4-Bromophenyl Phenyl Ether	NA	ND
4-Chloro-3-methylphenol	NA	NS
4-Chloroaniline	NA	ND
4-Chlorophenyl Phenyl Ether	NA	ND
4-Nitroaniline	NA	ND
4-Nitrophenol	NA	NS
Acenaphthene	98	ND
Acenaphthylene	107	ND
Acetophenone	NA	ND
Anthracene	500	0.039 J
Atrazine	NA	ND
Benzo(a)anthracene	1	0.110 J
Benzaldehyde	NA	0.067 J
Benzo(a)pyrene	1	0.110 J
Benzo(b)fluoranthene	1.7	0.160
Benzo(g,h,i)perylene	500	0.088 J
Benzo(k)fluoranthene	1.7	0.054 J
Biphenyl	NA	ND
2,2-Oxybis(1-chloropropane)	NA	NS
Bis(2-chloroethoxy)methane	NA	NS
Bis(2-chloroethyl) Ether	NA	ND
Bis(2-chloroisopropyl) Ether	NA	ND
Bis(2-chloroethoxy) Methane	NA	ND
Bis(2-ethylhexyl) Phthalate	NA	ND
Butyl Benzyl Phthalate	NA	ND
Caprolactam	NA	ND
Carbazole		ND
Chrysene	1	0.120
Di-n-butylphthalate	NA	0.120 J
Di-n-octyl Phthalate	NA	ND
Dibenzo(a,h)anthracene	0.56	ND
Dibenzofuran	NA	0.022 J
Diethyl Phthalate	NA	ND
Dimethyl Phthalate	NA	ND
Fluoranthene	500	0.220
Fluorene	386	ND
Hexachlorobenzene	NA	ND
Hexachlorobutadiene	NA	ND
Hexachlorocyclopentadiene	NA	ND
Hexachloroethane	NA	ND
Indeno(1,2,3-cd)pyrene	5.6	0.079 J
Isophorone	NA	ND
N-Nitrosodi-n-propylamine	NA	ND
N-Nitrosodiphenylamine	NA	NS
m,p-Cresol (3-Methylphenol/)	0.33	NS
Naphthalene	12	0.040 J
NDPA/DPA	NA	ND
Nitrobenzene	NA	ND
o-Cresol (2-Methylphenol)	0.33	ND
m,p-Cresol (3-Methylphenol/4-Methylphenol)	0.33	0.055 J
Pentachlorophenol (PCP)	0.8	ND
Phenanthrene	500	0.170
Phenol	0.33	ND
Pyrene	500	0.180
Perfluoroalkyl Substances (mg/kg)		
Perfluorobutanoic Acid (PFBA)	NA	0.000158 J
Perfluoropentanoic Acid (PFPeA)	NA	0.000052 J
Perfluorobutanesulfonic Acid (PFBS)	NA	ND
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	NA	ND
Perfluorohexanoic Acid (PFHxA)	NA	0.000045 JF
Perfluoropentanesulfonic acid (PFPeS)	NA	ND
Perfluoroheptanoic Acid (PFHpA)	NA	0.000047 JF
Perfluorohexanesulfonic Acid (PFHxS)	NA	ND
Perfluorooctanoic Acid (PFOA)	0.6	0.000223
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	NA	ND
Perfluoroheptanesulfonic Acid (PFHpS)	NA	ND
Perfluorononanoic Acid (PFNA)	NA	0.000068 J
Perfluorooctanesulfonic Acid (PFOS)	0.44	0.000333
Perfluorodecanoic Acid (PFDA)	NA	ND
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	NA	ND

Table 1
Analytical Results for Topsoil Fill Material
Cobey-Buffalo Lakeside Commerce Park
Buffalo, New York

Sample ID: / Sample Date:	Allowable Constituent Levels for Imported Fill or Soil - Table 5.4(e) - Industrial Use	IMPORT-SOURCE 9/5/2025
Perfluoroalkyl Substances (mg/kg) (Continued)		
Perfluorononanesulfonic acid (PFNS)	NA	ND
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND
Perfluoroundecanoic Acid (PFUnA)	NA	0.000034 J
Perfluorodecanesulfonic Acid (PFDS)	NA	ND
Perfluorooctanesulfonamide (PFOSA)	NA	ND
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND
Perfluorododecanoic Acid (PFDoA)	NA	ND
Perfluorotridecanoic Acid (PFTrDA)	NA	ND
Perfluorotetradecanoic Acid (PFTeDA)	NA	ND
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NA	ND
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	NA	ND
Perfluorododecanesulfonic Acid (PFDoS)	NA	ND
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	NA	ND
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	NA	ND
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	NA	ND
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	NA	ND
Perfluoro-4-oxapentanoic acid (PFMPA)	NA	ND
Perflouro-5-oxahexanoix acid (PFMBA)	NA	ND
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NA	ND
Nonafluoro-3,6-dioxheptanoic acid (NFDHA)	NA	ND
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	NA	ND
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	NA	ND
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	NA	ND

Notes:

1. Samples collected by Arcadis on the dates indicated.
2. Samples analyzed by PACE Analytical.
3. Concentrations are reported in milligrams per kilogram (mg/kg).
4. Allowable Constituent Level for m,p-Cresol is 0.33 for both constituents.
5. NA = Not Applicable.
6. ND = Not Detected.
7. NS = Not Sampled.
8. J = Estimated value.
9. F = The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
10. * = Results for Total Chromium concentrations are less than the Allowable Constituent Levels for Trivalent and Hexavalent Chromium.

Attachment 4

CAMP Data

Location	Upwind	Upwind	Perimeter	Perimeter	Downwind	Downwind
Device	RAE RS232(B) 3B092227	DustTrak RS232(A) 3B092227	RAE RS232(B) 3B045091	DustTrak RS232(A) 3B045091	RAE RS232(B) 3B058958	DustTrak RS232(A) 3B058958
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m^3)	VOC (ppm)	Mass Conc. Total (mg/m^3)	VOC (ppm)	Mass Conc. Total (mg/m^3)
7/1/2026 8:01	0.0	0.058	--	--	--	--
7/1/2026 8:02	0.0	0.057	--	--	--	--
7/1/2026 8:03	0.0	0.055	--	--	--	--
7/1/2026 8:04	0.0	0.056	--	--	--	--
7/1/2026 8:05	0.0	0.054	0.0	0.054	--	--
7/1/2026 8:06	0.0	0.054	0.0	0.056	--	--
7/1/2026 8:07	0.0	0.056	0.0	0.057	3.0	--
7/1/2026 8:08	0.0	0.054	0.0	0.056	3.0	--
7/1/2026 8:09	0.0	0.055	0.0	0.056	2.1	0.066
7/1/2026 8:10	0.0	0.052	0.0	0.054	2.0	0.065
7/1/2026 8:11	0.0	0.054	0.0	0.053	1.4	0.067
7/1/2026 8:12	0.0	0.053	0.0	0.054	1.4	0.065
7/1/2026 8:13	0.0	0.052	0.0	0.054	1.6	0.073
7/1/2026 8:14	0.0	0.052	0.0	0.053	1.4	0.070
7/1/2026 8:15	0.0	0.053	0.0	0.052	1.4	0.065
7/1/2026 8:16	0.0	0.053	0.0	0.052	1.3	0.064
7/1/2026 8:17	0.0	0.051	0.0	0.051	1.1	0.066
7/1/2026 8:18	0.0	0.055	0.0	0.050	1.1	0.063
7/1/2026 8:19	0.0	0.054	0.0	0.050	1.0	0.064
7/1/2026 8:20	0.0	0.054	0.0	0.051	0.9	0.060
7/1/2026 8:21	0.0	0.054	0.0	0.050	0.8	0.065
7/1/2026 8:22	0.0	0.052	0.0	0.050	0.7	0.062
7/1/2026 8:23	0.0	0.056	0.0	0.051	0.7	0.061
7/1/2026 8:24	0.0	0.054	0.0	0.051	0.7	0.064
7/1/2026 8:25	0.0	0.053	0.0	0.051	0.6	0.062
7/1/2026 8:26	0.0	0.053	0.0	0.050	0.6	0.061
7/1/2026 8:27	0.0	0.057	0.0	0.050	0.6	0.063
7/1/2026 8:28	0.0	0.058	0.0	0.051	0.5	0.068
7/1/2026 8:29	0.0	0.054	0.0	0.050	0.5	0.070
7/1/2026 8:30	0.0	0.055	0.0	0.050	0.5	0.063
7/1/2026 8:31	0.0	0.054	0.0	0.049	0.4	0.062
7/1/2026 8:32	0.0	0.053	0.0	0.048	0.4	0.058
7/1/2026 8:33	0.0	0.052	0.0	0.047	0.4	0.060
7/1/2026 8:34	0.0	0.052	0.0	0.048	0.3	0.057
7/1/2026 8:35	0.0	0.052	0.0	0.047	0.3	0.062
7/1/2026 8:36	0.0	0.055	0.0	0.049	0.2	0.065
7/1/2026 8:37	0.0	0.056	0.0	0.048	0.2	0.066
7/1/2026 8:38	0.0	0.055	0.0	0.048	0.2	0.061
7/1/2026 8:39	0.0	0.054	0.0	0.049	0.2	0.060
7/1/2026 8:40	0.0	0.054	0.0	0.048	0.2	0.060
7/1/2026 8:41	0.0	0.054	0.0	0.047	0.2	0.058

Location	Upwind	Upwind	Perimeter	Perimeter	Downwind	Downwind
Device	RAE RS232(B) 3B092227	DustTrak RS232(A) 3B092227	RAE RS232(B) 3B045091	DustTrak RS232(A) 3B045091	RAE RS232(B) 3B058958	DustTrak RS232(A) 3B058958
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m^3)	VOC (ppm)	Mass Conc. Total (mg/m^3)	VOC (ppm)	Mass Conc. Total (mg/m^3)
7/1/2026 8:42	0.0	0.054	0.0	0.047	0.1	0.061
7/1/2026 8:43	0.0	0.055	0.0	0.047	0.2	0.063
7/1/2026 8:44	0.0	0.054	0.0	0.047	0.1	0.065
7/1/2026 8:45	0.0	0.054	0.0	0.047	0.1	0.061
7/1/2026 8:46	0.0	0.053	0.0	0.048	0.1	0.062
7/1/2026 8:47	0.0	0.059	0.0	0.049	0.1	0.064
7/1/2026 8:48	0.0	0.055	0.0	0.048	0.1	0.070
7/1/2026 8:49	0.0	0.054	0.0	0.047	0.1	0.061
7/1/2026 8:50	0.0	0.054	0.0	0.048	0.1	0.056
7/1/2026 8:51	0.0	0.057	0.0	0.050	0.1	0.064
7/1/2026 8:52	0.0	0.055	0.0	0.048	0.1	0.064
7/1/2026 8:53	0.0	0.057	0.0	0.049	0.1	0.061
7/1/2026 8:54	0.0	0.054	0.0	0.048	0.1	0.063
7/1/2026 8:55	0.0	0.053	0.0	0.048	0.1	0.060
7/1/2026 8:56	0.0	0.053	0.0	0.047	0.1	0.059
7/1/2026 8:57	0.0	0.053	0.0	0.048	0.1	0.058
7/1/2026 8:58	0.0	0.053	0.0	0.047	0.1	0.058
7/1/2026 8:59	0.0	0.056	0.0	0.048	0.1	0.061
7/1/2026 9:00	0.0	0.053	0.0	0.048	0.1	0.061
7/1/2026 9:01	0.0	0.055	0.0	0.047	0.1	0.057
7/1/2026 9:02	0.0	0.052	0.0	0.048	0.1	0.058
7/1/2026 9:03	0.0	0.053	0.0	0.048	0.1	0.056
7/1/2026 9:04	0.0	0.054	0.0	0.048	0.1	0.064
7/1/2026 9:05	0.0	0.061	0.0	0.049	0.1	0.066
7/1/2026 9:06	0.0	0.058	0.0	0.050	0.1	0.064
7/1/2026 9:07	0.0	0.055	0.0	0.049	0.1	0.063
7/1/2026 9:08	0.0	0.054	0.0	0.047	0.1	0.055
7/1/2026 9:09	0.0	0.054	0.0	0.047	0.1	0.055
7/1/2026 9:10	0.0	0.055	0.0	0.049	0.1	0.059
7/1/2026 9:11	0.0	0.056	0.0	0.049	0.1	0.060
7/1/2026 9:12	0.0	0.054	0.0	0.048	0.1	0.063
7/1/2026 9:13	0.0	0.051	0.0	0.048	0.0	0.083
7/1/2026 9:14	0.0	0.052	0.0	0.048	0.1	0.058
7/1/2026 9:15	0.0	0.053	0.0	0.048	0.1	0.054
7/1/2026 9:16	0.1	0.052	0.0	0.048	0.1	0.057
7/1/2026 9:17	0.0	0.057	0.0	0.049	0.0	0.056
7/1/2026 9:18	0.0	0.054	0.0	0.049	0.0	0.059
7/1/2026 9:19	0.1	0.054	0.1	0.049	0.0	0.063
7/1/2026 9:20	0.1	0.053	0.1	0.048	0.0	0.059
7/1/2026 9:21	0.1	0.052	0.1	0.049	0.0	0.059
7/1/2026 9:22	0.1	0.052	0.1	0.049	0.0	0.056

Location	Upwind	Upwind	Perimeter	Perimeter	Downwind	Downwind
Device	RAE RS232(B) 3B092227	DustTrak RS232(A) 3B092227	RAE RS232(B) 3B045091	DustTrak RS232(A) 3B045091	RAE RS232(B) 3B058958	DustTrak RS232(A) 3B058958
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m^3)	VOC (ppm)	Mass Conc. Total (mg/m^3)	VOC (ppm)	Mass Conc. Total (mg/m^3)
7/1/2026 9:23	0.1	0.052	0.1	0.047	0.0	0.056
7/1/2026 9:24	0.1	0.052	0.1	0.049	0.0	0.056
7/1/2026 9:25	0.1	0.053	0.1	0.049	0.1	0.065
7/1/2026 9:26	0.1	0.053	0.1	0.048	0.0	0.057
7/1/2026 9:27	0.1	0.057	0.1	0.051	0.0	0.062
7/1/2026 9:28	0.1	0.054	0.1	0.048	0.1	0.061
7/1/2026 9:29	0.1	0.055	0.1	0.049	0.0	0.064
7/1/2026 9:30	0.1	0.058	0.1	0.051	0.0	0.066
7/1/2026 9:31	0.1	0.059	0.1	0.052	0.0	0.064
7/1/2026 9:32	0.1	0.065	0.1	0.053	0.0	0.080
7/1/2026 9:33	0.1	0.057	0.1	0.051	0.0	0.070
7/1/2026 9:34	0.1	0.068	0.1	0.055	0.0	0.085
7/1/2026 9:35	0.1	0.060	0.1	0.052	0.0	0.075
7/1/2026 9:36	0.1	0.056	0.1	0.050	0.0	0.065
7/1/2026 9:37	0.1	0.054	0.1	0.054	0.0	0.069
7/1/2026 9:38	0.1	0.058	0.1	0.051	0.0	0.064
7/1/2026 9:39	0.2	0.051	0.1	0.048	0.0	0.058
7/1/2026 9:40	0.2	0.051	0.1	0.048	0.0	0.054
7/1/2026 9:41	0.2	0.051	0.1	0.047	0.0	0.055
7/1/2026 9:42	0.2	0.054	0.1	0.048	0.0	0.053
7/1/2026 9:43	0.2	0.053	0.1	0.049	0.0	0.055
7/1/2026 9:44	0.2	0.054	0.1	0.050	0.0	0.056
7/1/2026 9:45	0.2	0.057	0.1	0.049	0.0	0.059
7/1/2026 9:46	0.2	0.057	0.1	0.051	--	--
7/1/2026 9:47	0.2	0.057	0.1	0.051	--	--
7/1/2026 9:48	0.2	0.053	0.1	0.050	--	--
7/1/2026 9:49	0.2	0.054	0.1	0.049	--	--
7/1/2026 9:50	0.2	0.056	0.1	0.050	--	--
7/1/2026 9:51	0.2	0.053	0.1	0.049	--	--
7/1/2026 9:52	0.2	0.058	0.1	0.051	--	--
7/1/2026 9:53	0.2	0.057	--	--	--	--
7/1/2026 9:54	0.2	0.060	--	--	--	--
7/1/2026 9:55	0.2	0.058	--	--	--	--
7/1/2026 9:56	0.2	0.062	--	--	--	--
7/1/2026 9:57	0.2	0.055	--	--	--	--
7/1/2026 9:58	0.2	0.064	--	--	--	--

Attachment 5

Waste Manifests & Weight Tickets

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	
	N Y R 0 0 0 2 0 8 6 3 7	202607 -		

3. Generator's Mailing Address:
COBEY INC
1 SHIP CANAL PARKWAY
LACKAWANNA, NY 14218

4. Generator's Phone
716-863-3251

Generator's Site Address (If different than mailing):

A. Manifest Number: **WMNA** «number»

B. State Generator's ID

5. Transporter 1 Company Name
R.E. Lorenz Construction 53

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone 716-628-9550

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
WM OF NEW YORK AT CHAFFEE LANDFILL
10860 OLEAN RD
CHAFFEE, NY 14030

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone 716-492-3433

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON DOT REGULATED MATERIAL WM Profile # 131115NY	1	DT	20	T	
b. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty.	Wt./ Vol.	Comments
c. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty.	Wt./ Vol.	Comments
d. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty.	Wt./ Vol.	Comments

J. Additional Descriptions for Materials Listed Above

K. Disposal Location
Cell | Level
Grid

15. Special Handling Instructions and Additional Information
A. 131115NY – NON-HAZARDOUS SOIL
WEIGHT IS ESTIMATED
TRUCK/DOT # USDOT 1183544 truck #53

Purchase Order #
EMERGENCY CONTACT / PHONE NO.: 716-863-3251

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature	Month	Day	Year
Adam Svensson on behalf of Cobey Inc	on behalf of Cobey Inc.	07	01	26

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
ED LORENZ	Ed Lorenz	07	01	26

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
		7	1	26

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. N Y R 0 0 0 2 0 8 6 3 7	Manifest Doc No. 2026071 - 01	2. Page 1 of 1	

3. Generator's Mailing Address:
COBEY INC
1 SHIP CANAL PARKWAY
LACKAWANNA, NY 14218

4. Generator's Phone
716-863-3251

Generator's Site Address (If different than mailing):

A. Manifest Number: **WMNA** «number»

B. State Generator's ID

5. Transporter 1 Company Name
R.E. Lorenz Construction 43

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone 716-628-9550

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
WM OF NEW YORK AT CHAFFEE LANDFILL
10860 OLEAN RD
CHAFFEE, NY 14030

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone 716-492-3433

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON DOT REGULATED MATERIAL WM Profile # 131115NY	1	DT	20	T	
b. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty.	Wt./ Vol.	Comments
c. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty.	Wt./ Vol.	Comments
d. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty.	Wt./ Vol.	Comments

J. Additional Descriptions for Materials Listed Above

K. Disposal Location
Cell | Level
Grid

15. Special Handling Instructions and Additional Information
A. 131115NY – NON-HAZARDOUS SOIL WEIGHT IS ESTIMATED TRUCK/DOT # USDOT 83594, truck #43

Purchase Order # EMERGENCY CONTACT / PHONE NO.: 716-863-3251

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature	Month	Day	Year
Adam Svensson on behalf of Cobey Inc.	on behalf of Cobey Inc.	07	01	26

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
[redacted]	[redacted]	07	01	26

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
		7	1	26

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

Waste Management Chaffee LF
10860 Olean Rd
Chaffee, NY, 14030
Ph: (716) 496-5000

Original
Ticket# 859757

Customer Name R E LORENZ CONSTRUCTION 13111 Carrier RE LORENZ R.E. LORENZ CONSTRUCTION
Ticket Date 07/01/2026 Vehicle# 43
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0006560
State Waste Code Gen EPA ID C915202
Manifest NA
Destination
PO
Profile 131115NY (Non-Hazardous Soil)
Generator Cobey-1 Cobey, Inc 1 Ship Canal Parkway

	Time	Scale	Operator	Inbound		Volume
In	07/01/2026 09:38:19	INBOUND	JChapma7		Gross	58240 lb
Out	07/01/2026 10:43:51	OUTBOUND	JChapma7		Tare	29140 lb
					Net	29100 lb
					Tons	14.55

Comments

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Cont Soil RCG-Tons	100	14.55	Tons				ERI
2	WWM-P650-Waste Wat	100		%				ERI

Total Fees
Total Ticket

Driver`s Signature _____ 4E3-1565

Waste Management Chaffee LF
10860 Olean Rd
Chaffee, NY, 14030
Ph: (716) 496-5000

Original
Ticket# 859756

Customer Name R E LORENZ CONSTRUCTION 13111 Carrier RE LORENZ R.E. LORENZ CONSTRUCTION
Ticket Date 07/01/2026 Vehicle# 53
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0006560
State Waste Code Gen EPA ID C915202
Manifest NA
Destination
PO
Profile 131115NY (Non-Hazardous Soil)
Generator Cobey-1 Cobey, Inc 1 Ship Canal Parkway

	Time	Scale	Operator	Inbound		
In	07/01/2026 09:37:26	INBOUND	JChapma7		Gross	50400 lb
Out	07/01/2026 10:41:49	OUTBOUND	JChapma7		Tare	28200 lb
					Net	22200 lb
					Tons	11.10

Comments

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Cont Soil RCG-Tons	100	11.10	Tons				ERI
2	WWM-P650-Waste Wat	100		%				ERI

Total Fees
Total Ticket

Driver`s Signature _____ 4E3-1565