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

Site Name: Rye Lake WFP IRM Site (Westchester County Airport)

Site Number: C360174

The allowable site use is: Commercial or Industrial Use

Have Ecological Resources been identified? yes

Is this soil originating from the site? yes

How many cubic yards of soil will be imported/reused? >1000

If greater than 1000 cubic yards will be imported, enter volume to be imported: 3,000

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? Choose an item

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:

Soils within the footprint of the northwestern drainage installation were sampled for reuse. Stockpile samples were collected from excavated materials associated with the manhole installation along the northern portion of the site adjacent to the fence line. Shallow soil samples were collected at two feet below grade from within the footprint within the proposed excavation for the remaining drainage installation.

A total of 9 grab samples were collected for PFAS analysis, 6 grab samples for VOC analysis, and 3 five-point composite samples were collected for SVOC, Metals, PCBs and Pesticide analysis to characterize a total of 3,000 cubic yards of soil.

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):

All samples collected were either non-detect or below protection of groundwater standards for VOCs, SVOCs, metals, pesticides, and PCBs. Two shallow soil samples (IN-SITU-1 and IN-SITU-2) had PFOA above protection of groundwater standards. The two soil samples with exceedances were located along the western portion of the drainage excavation to be completed.

GZA proposes to excavate the two additional hotspot areas using 10' × 10' removal grids down to 3′ bgs centered on the two exceedances near the western limits of disturbance and will not reuse the soil within these areas. GZA is requesting approval to reuse soils above the water table outside of these two hotspots, as well as the stockpiled soil generated during the manhole installation. A figure is provided showing the excavation and removal areas for addressing the hotspots, and the areas proposed for sourcing soils for onsite reuse.

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:

Soil Reuse on Site

Name and address of fill source:

Rye Lake Water Filtration Plant

Location where fill was obtained:

Proposed in-situ areas and stockpiles

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

N/A

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

The site is within the historical footprint of the Westchester County Airport. However, the area of soil reuse has not been linked to any historical operations for the Airport.

Provide a list of supporting documentation included with this request:

- Requested Soil Reuse Map
- Analytical Summary Tables for Soil Sampling
- Laboratory Analytical Reports

The information provided on this form is accurate and complete.

Signature

4/7/2026
Date

Stephen M. Kline
Print Name

GZA GeoEnvironmental of NY
Firm

GENERAL NOTES

1. BASE MAP DEVELOPED FROM DRAWING TITLED "CIVIL EROSION AND SEDIMENT CONTROL PHASING PLAN – PHASE III", PREPARED BY "HAZEN AND SAWYER", DATED FEBRUARY 2025, ORIGINAL SCALE 1" = 50'.
2. ENDPOINT SAMPLES WILL BE COLLECTED AT THE BOTTOM OF REMEDIAL EXCAVATIONS AT A FREQUENCY APPROVED BY NYSDEC.
3. BGS – BELOW GROUND SURFACE
4. BASED ON MARCH 19, 2026 SAMPLING RESULTS. HOTSPOTS 5 AND 6 IDENTIFIED.
5. SOIL REUSE STOCKPILES AND HOT SPOT DIMENSIONS AS OF MARCH 19, 2026.

LEGEND

- PROPOSED SOIL REUSE AREA
- EXCAVATED PORTION
- UNEXCAVATED PORTION
- SOIL STOCKPILE
- REMEDIAL HOTSPOT EXCAVATION TO 1' BGS
- REMEDIAL HOTSPOT EXCAVATION TO 2' BGS
- REMEDIAL HOTSPOT EXCAVATION TO 4' BGS
- GRAB LOCATIONS (IN–SITU)
- GRAB LOCATIONS (STOCKPILE)

HOTSPOT 1
HOTSPOT 2
HOTSPOT 3
HOTSPOT 4
HOTSPOT 5
HOTSPOT 6
HOTSPOT 7
HOTSPOT 8
HOTSPOT 9
HOTSPOT 10
HOTSPOT 11
In-Situ-1
In-Situ-2
In-Situ-3
In-Situ-4
In-Situ-5
Stockpile-1
Stockpile-2
Stockpile-3
Stockpile-4
Stockpile-5
Stockpile-6
Stockpile-7
Stockpile-8
Stockpile-9
Stockpile-10
STORMWATER POCKET WETLAND (SEE DWG C-211)
WETLAND BUFFER, TYP
WETLAND BOUNDARY, TYP
WFP LIMITS OF DISTURBANCE
42" OVERFLOW
SANITARY PUMP STATION (SEE DWG C-231 AND C-232)
SANITARY DRAIN (SEE DWG C-231)
CONCRETE PIPE COLLAR (SEE DETAIL, DWG C-216)
N:813342.9070
E:707852.1734
AIRPORT ACCESS RD.
GD MH-4
GD MH-5
WWW CONNECTION TO WFP
GALLERY DRAIN CONNECTION TO WFP
OF PIPE CONNECTION TO WFP
FILTRATION PLANT
WWW CONNECTION TO WFT
12 " WASHWATER RECYCLE
RIPRAP OUTLET PROTECTION (SEE DETAIL, DWG C-303)
OF MH-01
42" OVERFLOW
42" WASTE WASHWATER (WWW)
YDI-04 (SEE NOTE 8, THIS DWG)
MH-08
REINFORCED SILT FENCE, TYP (SEE DETAIL, DWG C-301)
RELOCATED CD-2
WASTE WASHWATER TANK (WWT)
N:813522.0616
E:707483.3911
6" PVC FOUNDATION DRAIN
INLET PROTECTION, TYP (SEE DETAIL, DWG C-302
YDI-03
WWR CONNECTION TO WWT
MH-07
PURCHASE STREET
D HW-01
2" GALLERY DRAIN (SEE DWG C-250
' SAN FM (SEE DWGS C-232 TO C-233)
D MH-1
IPRAP OUTLET PROTECTION (SEE DETAIL, DWG C-303)
UTFALL HEADWALL, HW (SEE DETAIL, DWG S-510)
D MH-2
/ETLAND OUTLET STRUCTURE (SEE DWG C-218)
VERFLOW PIPING (SEE DWGS C-247 TO C-248)
D MH-3
H MH-03
IORETENTION CELL WITH SUBSURFACE ETENTION CHAMBERS (SEE DWG C-211)
1H-10
1H-09

0 40 80 160
SCALE IN FEET

NO.	ISSUE/DESCRIPTION	BY	DATE

WESTCHESTER JOINT WATER WORKS
WATER FILTRATION PLANT

ADDITIONAL PROPOSED SOIL REUSE AND HOTSPOT LOCATION MAP

PREPARED BY:	PREPARED FOR:		
GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com	HAZEN AND SAWYER		
PROJ MGR: ZL	REVIEWED BY: ZL	CHECKED BY: SK	FIGURE 1
DESIGNED BY: ZL	DRAWN BY: PM	SCALE: 1" = 80'	SHEET NO.
DATE: APRIL 2026	PROJECT NO. 41.0162892.01	REVISION NO. -	

Table 1 - Sample Collection Summary
Rye Lake Water Filteration Plant
Westchester County, New York
BCP Site No. C360174

GZA Sample ID	Date Collected	Sample Depth Interval	TCL VOCs	TCL SVOCs	TAL Metals	PCBs	Pesticides	PFAS
STOCKPILE-1	3/19/2026	N/A	X					X
STOCKPILE-2	3/19/2026	N/A	X					X
STOCKPILE-3	3/19/2026	N/A	X					X
STOCKPILE-4	3/19/2026	N/A	X					X
IN-SITU-1	3/19/2026	2	X					X
IN-SITU-2	3/19/2026	2						X
IN-SITU-3	3/19/2026	2						X
IN-SITU-4	3/19/2026	2						X
IN-SITU-5	3/19/2026	2	X					X
STOCKPILE-1-COMP	3/19/2026	N/A		X	X	X	X	
STOCKPILE-2-COMP	3/19/2026	N/A		X	X	X	X	
IN-SITU-COMP	3/19/2026	2		X	X	X	X	

TABLE NOTES:

ft	feet
bgs	Below ground surface
VOCs	Volatile Organic Compounds
SVOCs	Semivolatile Organic Compounds
PCBs	Polychlorinate Biphenyls
TCL	Target Compound Lists
TAL	Target Analyte List
PFAS	Per- and Polyfluoroalkyl Substances

Table 2 - Volatile Organic Compounds in Soil
Rye Lake Filteration Plant
Westchester County, New York
BCP Site No. C360174

LOCATION SAMPLING DATE LAB SAMPLE ID SAMPLE TYPE	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Protection of Groundwater Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use - Commercial	STOCKPILE-1 3/19/2026 L2615324-03 SOIL		STOCKPILE-2 3/19/2026 L2615324-04 SOIL		STOCKPILE-3 3/19/2026 L2615324-05 SOIL		STOCKPILE-4 3/19/2026 L2615324-06 SOIL		IN-SITU-1 3/19/2026 L2615324-08 SOIL		IN-SITU-5 3/19/2026 L2615324-12 SOIL	
				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by EPA 5035/8260 (mg/kg)															
1,1,1,2-Tetrachloroethane	~	~	~	0.00051	U	0.00059	U	0.00051	U	0.00052	U	0.00052	U	0.0005	U
1,1,1-Trichloroethane	0.68	0.68	500	0.00051	U	0.00059	U	0.00051	U	0.00052	U	0.00052	U	0.0005	U
1,1,2,2-Tetrachloroethane	~	~	~	0.00051	U	0.00059	U	0.00051	U	0.00052	U	0.00052	U	0.0005	U
1,1,2-Trichloroethane	~	~	~	0.001	U	0.0012	U	0.001	U	0.001	U	0.001	U	0.001	U
1,1-Dichloroethane	0.27	0.27	240	0.001	U	0.0012	U	0.001	U	0.001	U	0.001	U	0.001	U
1,1-Dichloroethene	0.24	0.33	5.1	0.001	U	0.0012	U	0.001	U	0.001	U	0.001	U	0.001	U
1,1-Dichloropropene	~	~	~	0.00051	U	0.00059	U	0.00051	U	0.00052	U	0.00052	U	0.0005	U
1,2,3-Trichlorobenzene	~	~	~	0.002	U	0.0024	U	0.002	U	0.0021	U	0.0021	U	0.002	U
1,2,3-Trichloropropane	~	~	~	0.002	U	0.0024	U	0.002	U	0.0021	U	0.0021	U	0.002	U
1,2,4,5-Tetramethylbenzene	~	~	~	0.002	U	0.0024	U	0.002	U	0.0021	U	0.0021	U	0.002	U
1,2,4-Trichlorobenzene	~	~	~	0.002	U	0.0024	U	0.002	U	0.0021	U	0.0021	U	0.002	U
1,2,4-Trimethylbenzene	5.9	5.9	500	0.002	U	0.0024	U	0.002	U	0.0021	U	0.0021	U	0.002	U
1,2-Dibromo-3-chloropropane	~	~	~	0.003	U	0.0036	U	0.003	U	0.0031	U	0.0032	U	0.003	U
1,2-Dibromoethane	~	~	~	0.001	U	0.0012	U	0.001	U	0.001	U	0.001	U	0.001	U
1,2-Dichlorobenzene	1.1	1.1	500	0.002	U	0.0024	U	0.002	U	0.0021	U	0.0021	U	0.002	U
1,2-Dichloroethane	0.02	0.02	30	0.001	U	0.0012	U	0.001	U	0.001	U	0.001	U	0.001	U
1,2-Dichloroethene, Total	~	~	~	0.001	U	0.0012	U	0.001	U	0.001	U	0.001	U	0.001	U
1,2-Dichloropropane	~	~	~	0.001	U	0.0012	U	0.001	U	0.001	U	0.001	U	0.001	U
1,3,5-Trimethylbenzene	3.1	3.1	500	0.002	U	0.0024	U	0.002	U	0.0021	U	0.0021	U	0.002	U
1,3-Dichlorobenzene	2.6	2.6	280	0.002	U	0.0024	U	0.002	U	0.0021	U	0.0021	U	0.002	U
1,3-Dichloropropane	~	~	~	0.002	U	0.0024	U	0.002	U	0.0021	U	0.0021	U	0.002	U
1,3-Dichloropropene, Total	~	~	~	0.00051	U	0.00059	U	0.00051	U	0.00052	U	0.00052	U	0.0005	U
1,4-Dichlorobenzene	1.8	1.8	130	0.002	U	0.0024	U	0.002	U	0.0021	U	0.0021	U	0.002	U
1,4-Dioxane	0.1	0.1	36	0.081	U	0.095	U	0.081	U	0.083	U	0.084	U	0.08	U
2,2-Dichloropropane	~	~	~	0.002	U	0.0024	U	0.002	U	0.0021	U	0.0021	U	0.002	U
2-Butanone	0.1	0.1	500	0.01	U	0.012	U	0.01	U	0.01	U	0.01	U	0.01	U
2-Hexanone	~	~	~	0.01	U	0.012	U	0.01	U	0.01	U	0.01	U	0.01	U
4-Methyl-2-pentanone	~	~	~	0.01	U	0.012	U	0.01	U	0.01	U	0.01	U	0.01	U
Acetone	0.03	0.03	500	0.01	U	0.012	U	0.01	U	0.01	U	0.014		0.01	U
Acrylonitrile	~	~	~	0.004	U	0.0048	U	0.0041	U	0.0042	U	0.0042	U	0.004	U
Benzene	0.06	0.06	20	0.00051	U	0.00059	U	0.00051	U	0.00052	U	0.00052	U	0.0005	U
Bromobenzene	~	~	~	0.002	U	0.0024	U	0.002	U	0.0021	U	0.0021	U	0.002	U
Bromochloromethane	~	~	~	0.002	U	0.0024	U	0.002	U	0.0021	U	0.0021	U	0.002	U
Bromodichloromethane	~	~	~	0.00051	U	0.00059	U	0.00051	U	0.00052	U	0.00052	U	0.0005	U
Bromoform	~	~	~	0.004	U	0.0048	U	0.0041	U	0.0042	U	0.0042	U	0.004	U
Bromomethane	~	~	~	0.002	U	0.0024	U	0.002	U	0.0021	U	0.0021	U	0.002	U
Carbon disulfide	~	~	~	0.01	U	0.012	U	0.01	U	0.01	U	0.01	U	0.01	U
Carbon tetrachloride	0.76	0.76	41	0.001	U	0.0012	U	0.001	U	0.001	U	0.001	U	0.001	U
Chlorobenzene	4.5	4.5	500	0.00051	U	0.00059	U	0.00051	U	0.00052	U	0.00052	U	0.0005	U
Chloroethane	~	~	~	0.002	U	0.0024	U	0.002	U	0.0021	U	0.0021	U	0.002	U
Chloroform	0.37	0.37	180	0.0015	U	0.0018	U	0.0015	U	0.0016	U	0.00028	J	0.0015	U
Chloromethane	~	~	~	0.004	U	0.0048	U	0.0041	U	0.0042	U	0.0042	U	0.004	U
cis-1,2-Dichloroethene	0.19	0.19	500	0.001	U	0.0012	U	0.001	U	0.001	U	0.001	U	0.001	U
cis-1,3-Dichloropropene	~	~	~	0.00051	U	0.00059	U	0.00051	U	0.00052	U	0.00052	U	0.0005	U
Dibromochloromethane	~	~	~	0.001	U	0.0012	U	0.001	U	0.001	U	0.001	U	0.001	U
Dibromomethane	~	~	~	0.002	U	0.0024	U	0.002	U	0.0021	U	0.0021	U	0.002	U
Dichlorodifluoromethane	~	~	~	0.01	U	0.012	U	0.01	U	0.01	U	0.01	U	0.01	U
Ethyl ether	~	~	~	0.002	U	0.0024	U	0.002	U	0.0021	U	0.0021	U	0.002	U
Ethylbenzene	1	1	390	0.001	U	0.0012	U	0.001	U	0.001	U	0.001	U	0.001	U
Hexachlorobutadiene	~	~	~	0.004	U	0.0048	U	0.0041	U	0.0042	U	0.0042	U	0.004	U
Isopropylbenzene	~	~	~	0.001	U	0.0012	U	0.001	U	0.001	U	0.001	U	0.001	U
Methyl tert butyl ether	0.1	0.1	500	0.002	U	0.0024	U	0.002	U	0.0021	U	0.0021	U	0.002	U
Methylene chloride	0.05	0.05	500	0.0051	U	0.0059	U	0.0051	U	0.0052	U	0.0052	U	0.005	U
n-Butylbenzene	18	18	500	0.001	U	0.0012	U	0.001	U	0.001	U	0.001	U	0.001	U
n-Propylbenzene	5	5	500	0.001	U	0.0012	U	0.001	U	0.001	U	0.001	U	0.001	U
Naphthalene	12	12	500	0.004	U	0.0048	U	0.0041	U	0.0042	U	0.0042	U	0.004	U
o-Chlorotoluene	~	~	~	0.002	U	0.0024	U	0.002	U	0.0021	U	0.0021	U	0.002	U
o-Xylene	~	~	~	0.001	U	0.0012	U	0.001	U	0.001	U	0.001	U	0.001	U
p-Chlorotoluene	~	~	~	0.002	U	0.0024	U	0.002	U	0.0021	U	0.0021	U	0.002	U
p-Diethylbenzene	~	~	~	0.002	U	0.0024	U	0.002	U	0.0021	U	0.0021	U	0.002	U
p-Ethyltoluene	~	~	~	0.002	U	0.0024	U	0.002	U	0.0021	U	0.0021	U	0.002	U
p-Isopropyltoluene	~	~	~	0.001	U	0.0012	U	0.001	U	0.001	U	0.001	U	0.001	U
p/m-Xylene	~	~	~	0.002	U	0.0024	U	0.002	U	0.0021	U	0.0021	U	0.002	U
sec-Butylbenzene	25	25	500	0.001	U	0.0012	U	0.001	U	0.001	U	0.001	U	0.001	U
Styrene	~	~	~	0.001	U	0.0012	U	0.001	U	0.001	U	0.001	U	0.001	U
tert-Butylbenzene	11	11	500	0.002	U	0.0024	U	0.002	U	0.0021	U	0.0021	U	0.002	U
Tetrachloroethene	1.3	1.3	81	0.00051	U	0.00059	U	0.00051	U	0.00052	U	0.00052	U	0.0005	U
Toluene	0.7	0.7	500	0.001	U	0.0012	U	0.001	U	0.001	U	0.001	U	0.001	U
trans-1,2-Dichloroethene	0.19	0.19	500	0.0015	U	0.0018	U	0.0015	U	0.0016	U	0.0016	U	0.0015	U
trans-1,3-Dichloropropene	~	~	~	0.001	U	0.0012	U	0.001	U	0.001	U	0.001	U	0.001	U
trans-1,4-Dichloro-2-butene	~	~	~	0.0051	U	0.0059	U	0.0051	U	0.0052	U	0.0052	U	0.005	U
Trichloroethene	0.47	0.47	54	0.00051	U	0.00059	U	0.00051	U	0.00052	U	0.00052	U	0.0005	U
Trichlorofluoromethane	~	~	~	0.004	U	0.0048	U	0.0041	U	0.0042	U	0.0042	U	0.004	U
Vinyl acetate	~	~	~	0.01	U	0.012	U	0.01	U	0.01	U	0.01	U	0.01	U
Vinyl chloride	0.03	0.03	7.1	0.001	U	0.0012	U	0.001	U	0.001	U	0.001	U	0.001	U
Xylenes, Total	0.26	1.2	500	0.001	U	0.0012	U	0.001	U	0.001	U	0.001	U	0.001	U

TABLE NOTES:

U: Not detected at the reported detection limit for the sample
D: Result is from an analysis that required a dilution
J: Analyte detected at or above the method detection limit but below the reporting limit
B: Analyte found in the analysis batch blank
E: Result is estimated and cannot be accurately reported due to levels encountered or interferences
mg/kg: Miligrams per Kilogram
~: No Standards or Guidance Value

Table 3 - Semi Volatile Organic Compounds in Soil Composites
Rye Lake Water Filteration Plant
Westchester County, New York
BCP Site No. C360174

LOCATION SAMPLING DATE LAB SAMPLE ID SAMPLE TYPE	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Protection of Groundwater Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use - Commercial	STOCKPILE-1-COMP 3/19/2026 L2615324-01 SOIL		STOCKPILE-2-COMP 3/19/2026 L2615324-02 SOIL		IN-SITU-COMP 3/19/2026 L2615324-07 SOIL	
				Results	Qual	Results	Qual	Results	Qual
Semivolatile Organics by GC/MS (mg/kg)									
1,2,4,5-Tetrachlorobenzene	~	~	~	0.19	U	0.19	U	0.2	U
1,2,4-Trichlorobenzene	~	~	~	0.19	U	0.19	U	0.2	U
1,2-Dichlorobenzene	1.1	1.1	500	0.19	U	0.19	U	0.2	U
1,3-Dichlorobenzene	2.6	2.6	280	0.19	U	0.19	U	0.2	U
1,4-Dichlorobenzene	1.8	1.8	130	0.19	U	0.19	U	0.2	U
1,4-Dioxane	0.1	0.1	36	0.029	U	0.028	U	0.03	U
2,4,5-Trichlorophenol	~	~	~	0.19	U	0.19	U	0.2	U
2,4,6-Trichlorophenol	~	~	~	0.11	U	0.11	U	0.12	U
2,4-Dichlorophenol	~	~	~	0.17	U	0.17	U	0.18	U
2,4-Dimethylphenol	~	~	~	0.19	U	0.19	U	0.2	U
2,4-Dinitrophenol	~	~	~	0.92	U	0.9	U	0.95	U
2,4-Dinitrotoluene	~	~	~	0.19	U	0.19	U	0.2	U
2,6-Dinitrotoluene	~	~	~	0.19	U	0.19	U	0.2	U
2-Chloronaphthalene	~	~	~	0.19	U	0.19	U	0.2	U
2-Chlorophenol	~	~	~	0.19	U	0.19	U	0.2	U
2-Methylnaphthalene	~	~	~	0.23	U	0.22	U	0.24	U
2-Methylphenol	0.33	0.33	500	0.19	U	0.19	U	0.2	U
2-Nitroaniline	~	~	~	0.19	U	0.19	U	0.2	U
2-Nitrophenol	~	~	~	0.41	U	0.4	U	0.43	U
3,3'-Dichlorobenzidine	~	~	~	0.19	U	0.19	U	0.2	U
3-Methylphenol/4-Methylphenol	0.33	0.33	500	0.27	U	0.27	U	0.28	U
3-Nitroaniline	~	~	~	0.19	U	0.19	U	0.2	U
4,6-Dinitro-o-cresol	~	~	~	0.5	U	0.49	U	0.51	U
4-Bromophenyl phenyl ether	~	~	~	0.19	U	0.19	U	0.2	U
4-Chloroaniline	~	~	~	0.19	U	0.19	U	0.2	U
4-Chlorophenyl phenyl ether	~	~	~	0.19	U	0.19	U	0.2	U
4-Nitroaniline	~	~	~	0.19	U	0.19	U	0.2	U
4-Nitrophenol	~	~	~	0.27	U	0.26	U	0.28	U
Acenaphthene	20	98	500	0.15	U	0.15	U	0.16	U
Acenaphthylene	100	365	500	0.15	U	0.15	U	0.16	U
Acetophenone	~	~	~	0.19	U	0.19	U	0.2	U
Anthracene	100	1000	500	0.11	U	0.11	U	0.12	U
Benzo(a)anthracene	1	1	37	0.11	U	0.11	U	0.12	U
Benzo(a)pyrene	1	22	3.7	0.15	U	0.15	U	0.16	U
Benzo(b)fluoranthene	1	2.1	37	0.11	U	0.11	U	0.12	U
Benzo(ghi)perylene	0.64	1000	47	0.15	U	0.15	U	0.16	U
Benzo(k)fluoranthene	0.8	2	47	0.11	U	0.11	U	0.12	U
Benzoic Acid	~	~	~	0.62	U	0.61	U	0.64	U
Benzyl Alcohol	~	~	~	0.19	U	0.19	U	0.2	U
Biphenyl	~	~	~	0.44	U	0.43	U	0.45	U
Bis(2-chloroethoxy)methane	~	~	~	0.21	U	0.2	U	0.21	U
Bis(2-chloroethyl)ether	~	~	~	0.17	U	0.17	U	0.18	U
Bis(2-chloroisopropyl)ether	~	~	~	0.23	U	0.22	U	0.24	U
Bis(2-ethylhexyl)phthalate	~	~	~	0.19	U	0.19	U	0.2	U
Butyl benzyl phthalate	~	~	~	0.19	U	0.19	U	0.2	U
Carbazole	~	~	~	0.19	U	0.19	U	0.2	U
Chrysene	1	1	47	0.11	U	0.11	U	0.12	U
Di-n-butylphthalate	~	~	~	0.19	U	0.19	U	0.2	U
Di-n-octylphthalate	~	~	~	0.19	U	0.19	U	0.2	U
Dibenzo(a,h)anthracene	0.33	1000	3.7	0.11	U	0.11	U	0.12	U
Dibenzofuran	2.1	110	180	0.19	U	0.19	U	0.2	U
Diethyl phthalate	~	~	~	0.19	U	0.19	U	0.2	U
Dimethyl phthalate	~	~	~	0.19	U	0.19	U	0.2	U
Fluoranthene	85	1000	500	0.11	U	0.11	U	0.12	U
Fluorene	30	386	500	0.19	U	0.19	U	0.2	U
Hexachlorobenzene	0.33	3.2	1.8	0.11	U	0.11	U	0.12	U
Hexachlorobutadiene	~	~	~	0.19	U	0.19	U	0.2	U
Hexachlorocyclopentadiene	~	~	~	0.55	U	0.54	U	0.57	U
Hexachloroethane	~	~	~	0.15	U	0.15	U	0.16	U
Indeno(1,2,3-cd)pyrene	0.5	6.6	37	0.15	U	0.15	U	0.16	U
Isophorone	~	~	~	0.17	U	0.17	U	0.18	U
n-Nitrosodi-n-propylamine	~	~	~	0.19	U	0.19	U	0.2	U
Naphthalene	12	12	500	0.19	U	0.19	U	0.2	U
NDPA/DPA	~	~	~	0.15	U	0.15	U	0.16	U
Nitrobenzene	0.08	0.08	8.9	0.038	U	0.037	U	0.04	U
p-Chloro-m-cresol	~	~	~	0.19	U	0.19	U	0.2	U
Pentachlorophenol	0.8	0.8	6.9	0.15	U	0.15	U	0.16	U
Phenanthrene	1.1	1000	47	0.11	U	0.11	U	0.12	U
Phenol	0.33	0.33	500	0.19	U	0.19	U	0.2	U
Pyrene	64	1000	500	0.11	U	0.11	U	0.12	U

TABLE NOTES:

U: Not detected at the reported detection limit for the sample
D: Result is from an analysis that required a dilution
J: Analyte detected at or above the method detection limit but below the reporting limit
B: Analyte found in the analysis batch blank
E: Result is estimated and cannot be accurately reported due to levels encountered or interferences
mg/kg: Miligrams per Kilogram
~: No Standards or Guidance Value

Table 4 - Total Metals in Soil Composites
Rye Lake Water Filteration Plant
Westchester County, New York
BCP Site No. C360174

LOCATION SAMPLING DATE LAB SAMPLE ID SAMPLE TYPE	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Protection of Groundwater Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use - Commercial	STOCKPILE-1-COMP 3/19/2026 L2615324-01 SOIL		STOCKPILE-2-COMP 3/19/2026 L2615324-02 SOIL		IN-SITU-COMP 3/19/2026 L2615324-07 SOIL	
				Results	Qual	Results	Qual	Results	Qual
Total Metals (mg/kg)									
Aluminum, Total	~	~	~	11300		12300		11600	
Antimony, Total	~	~	~	4.55	U	4.43	U	4.67	U
Arsenic, Total	13	16	16	1.13		1.38		1.32	
Barium, Total	410	820	410	71.7		81.6		49.2	
Beryllium, Total	4.4	47	670	0.276	J	0.254	J	0.219	J
Cadmium, Total	2.5	7.5	3.7	0.075	J	0.07	J	0.934	U
Calcium, Total	~	~	~	671		950		331	
Chromium, Total	~	~	~	23.6		29.4		22	
Cobalt, Total	~	~	~	8.05		9.37		5.93	
Copper, Total	50	1720	280	18.9		21		8.1	
Iron, Total	~	~	~	15700		17500		14200	
Lead, Total	63	450	1000	6.56		6.2		6.03	
Magnesium, Total	~	~	~	3740		4680		3120	
Manganese, Total	1600	2000	10000	287		328		177	
Mercury, Total	0.18	0.73	1.1	0.081	U	0.089	U	0.09	U
Nickel, Total	30	130	320	16.8		18.8		13	
Potassium, Total	~	~	~	1750		2200		539	
Selenium, Total	3.9	4	1700	1.82	U	1.77	U	1.87	U
Silver, Total	2	8.3	1700	0.455	U	0.443	U	0.467	U
Sodium, Total	~	~	~	182	U	177	U	187	U
Thallium, Total	~	~	~	1.82	U	1.77	U	1.87	U
Vanadium, Total	~	~	~	30.8		34.7		25.7	
Zinc, Total	109	2480	10000	39.8		48.8		46.4	

TABLE NOTES:

U: Not detected at the reported detection limit for the sample
D: Result is from an analysis that required a dilution
J: Analyte detected at or above the method detection limit but below the reporting limit
B: Analyte found in the analysis batch blank
E: Result is estimated and cannot be accurately reported due to levels encountered or interferences
mg/kg: Miligrams per Kilogram
~: No Standards or Guidance Value

Table 5 - Pesticides and PCBs in Soil Composites
Rye Lake Water Filtration Plant
Westchester County, New York
BCP Site No. C360174

LOCATION SAMPLING DATE LAB SAMPLE ID SAMPLE TYPE	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Protection of Groundwater Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use - Commercial	STOCKPILE-1-COMP 3/19/2026 L2615324-01 SOIL		STOCKPILE-2-COMP 3/19/2026 L2615324-02 SOIL		IN-SITU-COMP 3/19/2026 L2615324-07 SOIL	
				Results	Qual	Results	Qual	Results	Qual
Organochlorine Pesticides by GC (mg/kg)									
4,4'-DDD	0.0033	14	33	0.00177	U	0.0018	U	0.00184	U
4,4'-DDE	0.0033	9.3	22	0.00177	U	0.0018	U	0.00184	U
4,4'-DDT	0.0033	135	27	0.00177	U	0.0018	U	0.00184	U
Aldrin	0.0048	0.19	0.33	0.00177	U	0.0018	U	0.00184	U
Alpha-BHC	0.02	0.02	1.2	0.000738	U	0.00075	U	0.000769	U
Beta-BHC	0.021	0.09	1.8	0.00177	U	0.0018	U	0.00184	U
Chlordane	~	~	~	0.0148	U	0.015	U	0.0154	U
cis-Chlordane	0.014	4.5	8.2	0.00222	U	0.00225	U	0.00231	U
Delta-BHC	0.04	0.1	500	0.00177	U	0.0018	U	0.00184	U
Dieldrin	0.005	0.1	0.48	0.00111	U	0.00112	U	0.00115	U
Endosulfan I	4.3	65	360	0.00177	U	0.0018	U	0.00184	U
Endosulfan II	4.3	44	360	0.00177	U	0.0018	U	0.00184	U
Endosulfan sulfate	4.3	47	360	0.000738	U	0.00075	U	0.000769	U
Endrin	0.014	0.06	55	0.000738	U	0.00075	U	0.000769	U
Endrin aldehyde	~	~	~	0.00222	U	0.00225	U	0.00231	U
Endrin ketone	~	~	~	0.00177	U	0.0018	U	0.00184	U
Heptachlor	0.013	0.38	5.1	0.000886	U	0.0009	U	0.000922	U
Heptachlor epoxide	~	~	~	0.00332	U	0.00338	U	0.00346	U
Lindane	0.025	0.05	0.21	0.000738	U	0.00075	U	0.000769	U
Methoxychlor	~	~	~	0.00332	U	0.00338	U	0.00346	U
Toxaphene	~	~	~	0.0332	U	0.0338	U	0.0346	U
trans-Chlordane	~	~	~	0.00222	U	0.00225	U	0.00231	U
Polychlorinated Biphenyls by GC									
Aroclor 1016	0.1	3.2	1	0.0559	U	0.0551	U	0.0555	U
Aroclor 1221	0.1	3.2	1	0.0559	U	0.0551	U	0.0555	U
Aroclor 1232	0.1	3.2	1	0.0559	U	0.0551	U	0.0555	U
Aroclor 1242	0.1	3.2	1	0.0559	U	0.0551	U	0.0555	U
Aroclor 1248	0.1	3.2	1	0.0559	U	0.0551	U	0.0555	U
Aroclor 1254	0.1	3.2	1	0.0559	U	0.0551	U	0.0555	U
Aroclor 1260	0.1	3.2	1	0.0559	U	0.0551	U	0.0555	U
Aroclor 1262	0.1	3.2	1	0.0559	U	0.0551	U	0.0555	U
Aroclor 1268	0.1	3.2	1	0.0559	U	0.0551	U	0.0555	U
PCBs, Total	0.1	3.2	1	0.0559	U	0.0551	U	0.0555	U

TABLE NOTES:

U: Not detected at the reported detection limit for the sample
D: Result is from an analysis that required a dilution
J: Analyte detected at or above the method detection limit but below the reporting limit
B: Analyte found in the analysis batch blank
E: Result is estimated and cannot be accurately reported due to levels encountered or interferences
mg/kg: Miligrams per Kilogram
~: No Standards or Guidance Value

Table 6 - PFAS in Soil
Rye Lake Water Filteration Plant
Westchester County, New York
BCP Site No. C360174

LOCATION SAMPLING DATE LAB SAMPLE ID SAMPLE TYPE	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Protection of Groundwater Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use - Commercial	STOCKPILE-1 3/19/2026 L2615324-03 SOIL		STOCKPILE-2 3/19/2026 L2615324-04 SOIL		STOCKPILE-3 3/19/2026 L2615324-05 SOIL		STOCKPILE-4 3/19/2026 L2615324-06 SOIL		IN-SITU-1 3/19/2026 L2615324-08 SOIL		IN-SITU-2 3/19/2026 L2615324-09 SOIL		IN-SITU-3 3/19/2026 L2615324-10 SOIL		IN-SITU-4 3/19/2026 L2615324-11 SOIL		IN-SITU-5 3/19/2026 L2615324-12 SOIL	
				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Perfluorinated Alkyl Acids by EPA 1633 (mg/kg)																					
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	~	~	~	0.000791	U	0.000801	U	0.000801	U	0.000789	U	0.000795	U	0.000797	U	0.0008	U	0.000789	U	0.000801	U
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	~	~	~	0.000791	U	0.000801	U	0.000801	U	0.000789	U	0.000795	U	0.000797	U	0.0008	U	0.000789	U	0.000801	U
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	~	~	~	0.000791	U	0.000801	U	0.000801	U	0.000789	U	0.000795	U	0.000797	U	0.0008	U	0.000789	U	0.000801	U
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	~	~	~	0.000791	U	0.000801	U	0.000801	U	0.000789	U	0.000795	U	0.000797	U	0.0008	U	0.000789	U	0.000801	U
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	~	~	~	0.00494	U	0.00501	U	0.00501	U	0.00493	U	0.00497	U	0.00498	U	0.005	U	0.00493	U	0.00501	U
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	~	~	~	0.00494	U	0.00501	U	0.00501	U	0.00493	U	0.00497	U	0.00498	U	0.005	U	0.00493	U	0.00501	U
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	~	~	~	0.000989	U	0.001	U	0.001	U	0.000986	U	0.000994	U	0.000996	U	0.001	U	0.000987	U	0.001	U
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	~	~	~	0.000791	U	0.000801	U	0.000801	U	0.000789	U	0.000795	U	0.000797	U	0.0008	U	0.000789	U	0.000801	U
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	~	~	~	0.000791	U	0.000801	U	0.000801	U	0.000789	U	0.000795	U	0.000797	U	0.0008	U	0.000789	U	0.000801	U
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	~	~	~	0.000791	U	0.000801	U	0.000801	U	0.000789	U	0.000795	U	0.000797	U	0.0008	U	0.000789	U	0.000801	U
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	~	~	~	0.000198	U	0.0002	U	0.0002	U	0.000197	U	0.000199	U	0.000199	U	0.0002	U	0.000197	U	0.0002	U
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	~	~	~	0.00198	U	0.002	U	0.002	U	0.00197	U	0.00199	U	0.00199	U	0.002	U	0.00197	U	0.002	U
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	~	~	~	0.000898	U	0.0002	U	0.0002	U	0.000197	U	0.000199	U	0.000199	U	0.0002	U	0.000197	U	0.0002	U
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	~	~	~	0.000198	U	0.0002	U	0.0002	U	0.000197	U	0.000199	U	0.000199	U	0.0002	U	0.000197	U	0.0002	U
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	~	~	~	0.00198	U	0.002	U	0.002	U	0.00197	U	0.00199	U	0.00199	U	0.002	U	0.00197	U	0.002	U
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	~	~	~	0.000898	U	0.0002	U	0.0002	U	0.000197	U	0.000199	U	0.000199	U	0.0002	U	0.000197	U	0.0002	U
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	~	~	~	0.000396	U	0.000401	U	0.000401	U	0.000394	U	0.000398	U	0.000398	U	0.0004	U	0.000395	U	0.0004	U
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	~	~	~	0.000396	U	0.000401	U	0.000401	U	0.000394	U	0.000398	U	0.000398	U	0.0004	U	0.000395	U	0.0004	U
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	~	~	~	0.000396	U	0.000401	U	0.000401	U	0.000394	U	0.000398	U	0.000398	U	0.0004	U	0.000395	U	0.0004	U
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	~	~	~	0.000396	U	0.000401	U	0.000401	U	0.000394	U	0.000398	U	0.000398	U	0.0004	U	0.000395	U	0.0004	U
Perfluorobutanesulfonic Acid (PFBS)	~	~	~	0.000198	U	0.0002	U	0.0002	U	0.000197	U	0.000199	U	0.00005	J	0.0002	U	0.000197	U	0.0002	U
Perfluorobutanoic Acid (PFBA)	~	~	~	0.000791	U	0.000801	U	0.000801	U	0.000789	U	0.000795	U	0.000797	U	0.0008	U	0.000789	U	0.000801	U
Perfluorodecanesulfonic Acid (PFDS)	~	~	~	0.000198	U	0.0002	U	0.0002	U	0.000197	U	0.000199	U	0.000199	U	0.0002	U	0.000197	U	0.0002	U
Perfluorodecanoic Acid (PFDA)	~	~	~	0.000198	U	0.0002	U	0.0002	U	0.000197	U	0.000199	U	0.000199	U	0.0002	U	0.000197	U	0.0002	U
Perfluorododecanesulfonic Acid (PFDoS)	~	~	~	0.000198	U	0.0002	U	0.0002	U	0.000197	U	0.000199	U	0.000199	U	0.0002	U	0.000197	U	0.0002	U
Perfluorododecanoic Acid (PFDoA)	~	~	~	0.000198	U	0.0002	U	0.0002	U	0.000197	U	0.000199	U	0.000199	U	0.0002	U	0.000197	U	0.0002	U
Perfluoroheptanesulfonic Acid (PFHpS)	~	~	~	0.000198	U	0.0002	U	0.0002	U	0.000197	U	0.000199	U	0.000199	U	0.0002	U	0.000197	U	0.0002	U
Perfluoroheptanoic Acid (PFHpA)	~	~	~	0.000198	U	0.0002	U	0.0002	U	0.000197	U	0.000479		0.000486		0.0002	U	0.000197	U	0.000104	J
Perfluorohexanesulfonic Acid (PFHxS)	~	~	~	0.000063	J	0.0002	U	0.0002	U	0.000197	U	0.000097	J	0.000104	J	0.000064	J	0.000059	J	0.000062	J
Perfluorohexanoic Acid (PFHxA)	~	~	~	0.000198	U	0.0002	U	0.0002	U	0.000197	U	0.000298		0.000424		0.0002	U	0.000197	U	0.0002	U
Perfluorononanesulfonic Acid (PFNS)	~	~	~	0.000198	U	0.0002	U	0.0002	U	0.000197	U	0.000199	U	0.000199	U	0.0002	U	0.000197	U	0.0002	U
Perfluorononanoic Acid (PFNA)	~	~	~	0.000198	U	0.0002	U	0.0002	U	0.000197	U	0.000165	JF	0.000149	J	0.0002	U	0.000197	U	0.000104	JF
Perfluorooctanesulfonamide (PFOSA)	~	~	~	0.000898	U	0.0002	U	0.0002	U	0.000197	U	0.000199	U	0.000199	U	0.0002	U	0.000197	U	0.0002	U
Perfluorooctanesulfonic Acid (PFOS)	0.00088	0.001	0.44	0.000123	J	0.0002	U	0.0002	U	0.000197	U	0.000258		0.00034		0.0002	U	0.000197	U	0.000228	F
Perfluorooctanoic Acid (PFOA)	0.00066	0.0008	0.6	0.000342		0.000282		0.000222		0.000248		0.00232		0.00314		0.000452		0.000055	J	0.000513	
Perfluoropentanesulfonic Acid (PFPeS)	~	~	~	0.000198	U	0.0002	U	0.0002	U	0.000197	U	0.000199	U	0.000199	U	0.0002	U	0.000197	U	0.0002	U
Perfluoropentanoic Acid (PFPeA)	~	~	~	0.000396	U	0.000401	U	0.000401	U	0.000394	U	0.000199	J	0.000227	J	0.0004	U	0.000091	J	0.0004	U
Perfluorotetradecanoic Acid (PFTeDA)	~	~	~	0.000198	U	0.0002	U	0.0002	U	0.000197	U	0.000199	U	0.000199	U	0.0002	U	0.000197	U	0.0002	U
Perfluorotridecanoic Acid (PFTrDA)	~	~	~	0.000198	U	0.0002	U	0.0002	U	0.000197	U	0.000199	U	0.000199	U	0.0002	U	0.000197	U	0.0002	U
Perfluoroundecanoic Acid (PFUnA)	~	~	~	0.000198	U	0.0002	U	0.0002	U	0.000197	U	0.000199	U	0.000199	U	0.0002	U	0.000197	U	0.0002	U

TABLE NOTES:

U: Not detected at the reported detection limit for the sample
D: Result is from an analysis that required a dilution
J: Analyte detected at or above the method detection limit but below the reporting limit
B: Analyte found in the analysis batch blank
E: Result is estimated and cannot be accurately reported due to levels encountered or interferences
mg/kg: Miligrams per Kilogram
~: No Standards or Guidance Value
Analyte exceeds the NYSDEC Part 375 Protection of Groundwater SCOs and Unrestricted SCOs

ANALYTICAL REPORT

Lab Number:	L2615324
Client:	GZA GeoEnvironmental, Inc. 104 West 29th Street, 10th Floor New York, NY 10001
ATTN:	Zach Landis
Phone:	(212) 594-8140
Project Name:	RYE LAKE WFP
Project Number:	41.0162892.01
Report Date:	03/31/26

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2615324-01	STOCKPILE-1-COMP	SOIL	WEST HARRISON	03/19/26 12:15	03/19/26
L2615324-02	STOCKPILE-2-COMP	SOIL	WEST HARRISON	03/19/26 12:35	03/19/26
L2615324-03	STOCKPILE-1	SOIL	WEST HARRISON	03/19/26 12:55	03/19/26
L2615324-04	STOCKPILE-2	SOIL	WEST HARRISON	03/19/26 13:00	03/19/26
L2615324-05	STOCKPILE-3	SOIL	WEST HARRISON	03/19/26 13:05	03/19/26
L2615324-06	STOCKPILE-4	SOIL	WEST HARRISON	03/19/26 13:10	03/19/26
L2615324-07	IN-SITU-COMP	SOIL	WEST HARRISON	03/19/26 14:30	03/19/26
L2615324-08	IN-SITU-1	SOIL	WEST HARRISON	03/19/26 13:45	03/19/26
L2615324-09	IN-SITU-2	SOIL	WEST HARRISON	03/19/26 13:50	03/19/26
L2615324-10	IN-SITU-3	SOIL	WEST HARRISON	03/19/26 14:00	03/19/26
L2615324-11	IN-SITU-4	SOIL	WEST HARRISON	03/19/26 14:05	03/19/26
L2615324-12	IN-SITU-5	SOIL	WEST HARRISON	03/19/26 14:15	03/19/26
L2615324-13	TRIP BLANK_03192026	SOIL	WEST HARRISON	03/19/26 00:00	03/19/26
L2615324-14	PFAS BLANK_03192026	WATER	WEST HARRISON	03/19/26 14:35	03/19/26

Project Name:	RYE LAKE WFP	**Lab Number:**	L2615324
Project Number:	41.0162892.01	**Report Date:**	03/31/26

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: RYE LAKE WFP **Lab Number:** L2615324
Project Number: 41.0162892.01 **Report Date:** 03/31/26

Case Narrative (continued)

Report Submission
March 31, 2026: This final report includes the results of all requested analyses.
March 26, 2026: This is a preliminary report.

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
L2615324-03 through -06 and -08 through -12: 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.
L2615324-03: The Extracted Internal Standard recoveries were below the acceptance criteria for n-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid (d3-nmefosaa) (36%), perfluoro[13c8]octanesulfonamide (m8fosa) (39%), and n-deuterioethylperfluoro-1-octanesulfonamidoacetic acid (d5-netfosaa) (35%); however, the associated target analytes are not reported from this analysis.
L2615324-03RE: The sample was re-extracted at lesser volume due to EIS failure in the original extraction. The results of the re-extraction are reported for the associated target compounds.
WG2188066-1: The Extracted Internal Standard recovery was above the acceptance criteria for n-deuterioethylperfluoro-1-octanesulfonamidoacetic acid (d5-netfosaa) (162%). Since the Method Blank was non-detect to the RL for all associated target analytes, re-analysis was not required.
WG2190795-1 and WG2189101-2: The sample was re-analyzed due to QC failures in the original analysis. The results of the re-analysis are reported.
The Extracted Internal Standard recoveries for the WG2188066-2 LCS associated with L2615324-14 are outside the acceptance criteria for 2-(n-methyl-d3-perfluoro-1-octanesulfonamido)ethan-d4-ol (d7-nmefose) (157%) and 2-(n-ethyl-d5-perfluoro-1-octanesulfonamido)ethan-d4-ol (d9-netfose) (144%); however, all associated target analytes are within overall LCS criteria; therefore, no further action was taken.
The WG2190795-2 LCS recovery associated with L2615324-03RE was outside the acceptance criteria for

Project Name:	RYE LAKE WFP	**Lab Number:**	L2615324
Project Number:	41.0162892.01	**Report Date:**	03/31/26

Case Narrative (continued)

2h,2h,3h,3h-perfluorooctanoic acid (5:3ftca) (137%); however, this compound is not reported in the associated sample.

Total Metals

L2615324-01, -02, and -07: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

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 Stenstrom

Title: Technical Director/Representative Date: 03/31/26

QC OUTLIER SUMMARY REPORT

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

Method	Client ID (Native ID)	Lab ID	Parameter	QC Type	Recovery/RPD (%)	QC Limits (%)	Associated Samples	Data Quality Assessment
Volatile Organics by EPA 5035/8260 Low - Westborough Lab								
8260D	Batch QC	WG2189416-3	Chloromethane	LCS	134	52-130	04-06,08,12-13	potential high bias
8260D	Batch QC	WG2189416-4	Chloromethane	LCSD	134	52-130	04-06,08,12-13	potential high bias
8260D	Batch QC	WG2189845-3	Bromomethane	LCS	159	57-147	03	potential high bias
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab								
1633A	STOCKPILE-1	L2615324-03	N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	Surrogate	36	40-135	-	- - not applicable - -
1633A	STOCKPILE-1	L2615324-03	Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	Surrogate	39	40-130	-	- - not applicable - -
1633A	STOCKPILE-1	L2615324-03	N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	Surrogate	35	40-150	-	- - not applicable - -
1633A	Laboratory Method Bl	WG2188066-1	N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	Surrogate	162	25-135	-	- - not applicable - -
1633A	Batch QC	WG2188066-2	N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	Surrogate	157	10-130	-	- - not applicable - -
1633A	Batch QC	WG2188066-2	N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	Surrogate	144	10-130	-	- - not applicable - -
1633A	Batch QC	WG2190795-2	2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	LCS	137	60-130	03	potential high bias
Semivolatile Organics by GC/MS - Westborough Lab								
8270E	Batch QC	WG2187694-2	Bis(2-chloroisopropyl)ether	LCS	31	40-140	01-02,07	potential low bias
8270E	Batch QC	WG2187694-3	Bis(2-chloroisopropyl)ether	LCSD	32	40-140	01-02,07	potential low bias
Total Metals - Mansfield Lab								
6010D	Batch QC (L2615264-53)	WG2188536-3	Aluminum, Total	MS	0	75-125	01-02,07	potential low bias
6010D	Batch QC (L2615264-53)	WG2188536-3	Antimony, Total	MS	47	75-125	01-02,07	potential low bias
6010D	Batch QC (L2615264-53)	WG2188536-3	Calcium, Total	MS	0	75-125	01-02,07	potential low bias
6010D	Batch QC (L2615264-53)	WG2188536-3	Chromium, Total	MS	68	75-125	01-02,07	potential low bias
6010D	Batch QC (L2615264-53)	WG2188536-3	Copper, Total	MS	16	75-125	01-02,07	potential low bias
6010D	Batch QC (L2615264-53)	WG2188536-3	Iron, Total	MS	0	75-125	01-02,07	potential low bias
6010D	Batch QC (L2615264-53)	WG2188536-3	Lead, Total	MS	0	75-125	01-02,07	potential low bias
6010D	Batch QC (L2615264-53)	WG2188536-3	Magnesium, Total	MS	0	75-125	01-02,07	potential low bias
6010D	Batch QC (L2615264-53)	WG2188536-3	Zinc, Total	MS	69	75-125	01-02,07	potential low bias

QC OUTLIER SUMMARY REPORT

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

Method	Client ID (Native ID)	Lab ID	Parameter	QC Type	Recovery/RPD (%)	QC Limits (%)	Associated Samples	Data Quality Assessment
6010D	Batch QC (L2615264-53)	WG2188536-4	Barium, Total	Duplicate	28	NA	01-02,07	non-directional bias
6010D	Batch QC (L2615264-53)	WG2188536-4	Iron, Total	Duplicate	32	NA	01-02,07	non-directional bias
6010D	Batch QC (L2615264-53)	WG2188536-4	Lead, Total	Duplicate	75	NA	01-02,07	non-directional bias
6010D	Batch QC (L2615264-53)	WG2188536-4	Magnesium, Total	Duplicate	21	NA	01-02,07	non-directional bias
6010D	Batch QC (L2615264-53)	WG2188536-4	Manganese, Total	Duplicate	28	NA	01-02,07	non-directional bias
6010D	Batch QC (L2615264-53)	WG2188536-4	Vanadium, Total	Duplicate	22	NA	01-02,07	non-directional bias

ORGANICS

VOLATILES

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01
Lab Number: L2615324
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-03
Client ID: STOCKPILE-1
Sample Location: WEST HARRISON
Date Collected: 03/19/26 12:55
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/25/26 10:25
Analyst: AJK
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.51	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.55	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.94	1
Bromomethane	ND		ug/kg	2.0	0.59	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: RYE LAKE WFP
Lab Number: L2615324
Project Number: 41.0162892.01
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-03
Client ID: STOCKPILE-1
Sample Location: WEST HARRISON
Date Collected: 03/19/26 12:55
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.57	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.93	1
Acetone	ND		ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.51	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.0	0.66	1
Acrylonitrile	ND		ug/kg	4.0	1.2	1

Project Name: RYE LAKE WFP
Lab Number: L2615324
Project Number: 41.0162892.01
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-03
Client ID: STOCKPILE-1
Sample Location: WEST HARRISON
Date Collected: 03/19/26 12:55
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	81	36.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.39	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.1	1.4	1

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

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01
Lab Number: L2615324
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-04
Client ID: STOCKPILE-2
Sample Location: WEST HARRISON
Date Collected: 03/19/26 13:00
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/24/26 20:27
Analyst: JIC
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.9	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.59	0.23	1
Chlorobenzene	ND		ug/kg	0.59	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.82	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	0.20	1
Bromodichloromethane	ND		ug/kg	0.59	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.59	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.59	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.59	0.19	1
Bromoform	ND		ug/kg	4.8	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.59	0.20	1
Benzene	ND		ug/kg	0.59	0.20	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.69	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01
Lab Number: L2615324
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-04
Client ID: STOCKPILE-2
Sample Location: WEST HARRISON
Date Collected: 03/19/26 13:00
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.59	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.59	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.8	0.77	1
Acrylonitrile	ND		ug/kg	4.8	1.4	1

Project Name: RYE LAKE WFP
Lab Number: L2615324
Project Number: 41.0162892.01
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-04
Client ID: STOCKPILE-2
Sample Location: WEST HARRISON
Date Collected: 03/19/26 13:00
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	95	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.9	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	104		70-130

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01
Lab Number: L2615324
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-05
Client ID: STOCKPILE-3
Sample Location: WEST HARRISON
Date Collected: 03/19/26 13:05
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/24/26 20:02
Analyst: JIC
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.71	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.51	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.55	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.95	1
Bromomethane	ND		ug/kg	2.0	0.59	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01
Lab Number: L2615324
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-05
Client ID: STOCKPILE-3
Sample Location: WEST HARRISON
Date Collected: 03/19/26 13:05
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.57	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.93	1
Acetone	ND		ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.51	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.66	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: RYE LAKE WFP
Lab Number: L2615324
Project Number: 41.0162892.01
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-05
Client ID: STOCKPILE-3
Sample Location: WEST HARRISON
Date Collected: 03/19/26 13:05
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	81	36.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.39	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.1	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	110		70-130

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01
Lab Number: L2615324
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-06
Client ID: STOCKPILE-4
Sample Location: WEST HARRISON
Date Collected: 03/19/26 13:10
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/24/26 19:35
Analyst: JIC
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.72	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.52	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.52	0.16	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.97	1
Bromomethane	ND		ug/kg	2.1	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: RYE LAKE WFP
Lab Number: L2615324
Project Number: 41.0162892.01
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-06
Client ID: STOCKPILE-4
Sample Location: WEST HARRISON
Date Collected: 03/19/26 13:10
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.95	1
Acetone	ND		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.52	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.2	0.18	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.2	0.68	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1

Project Name: RYE LAKE WFP
Lab Number: L2615324
Project Number: 41.0162892.01
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-06
Client ID: STOCKPILE-4
Sample Location: WEST HARRISON
Date Collected: 03/19/26 13:10
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
1,4-Dioxane	ND		ug/kg	83	36.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.18	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	109		70-130

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01
Lab Number: L2615324
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-08
Client ID: IN-SITU-1
Sample Location: WEST HARRISON
Date Collected: 03/19/26 13:45
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/24/26 19:08
Analyst: JIC
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	0.28	J	ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.73	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.18	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.52	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.52	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.57	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.98	1
Bromomethane	ND		ug/kg	2.1	0.61	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: RYE LAKE WFP **Lab Number:** L2615324

Project Number: 41.0162892.01 **Report Date:** 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-08 Date Collected: 03/19/26 13:45

Client ID: IN-SITU-1 Date Received: 03/19/26

Sample Location: WEST HARRISON Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.59	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.96	1
Acetone	14		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.8	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.52	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.18	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.2	0.18	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.2	0.68	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1

Project Name: RYE LAKE WFP
Lab Number: L2615324
Project Number: 41.0162892.01
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-08
Client ID: IN-SITU-1
Sample Location: WEST HARRISON
Date Collected: 03/19/26 13:45
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
1,4-Dioxane	ND		ug/kg	84	37.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.18	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	103		70-130

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01
Lab Number: L2615324
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-12
Client ID: IN-SITU-5
Sample Location: WEST HARRISON
Date Collected: 03/19/26 14:15
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/24/26 18:42
Analyst: JIC
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17	1
Benzene	ND		ug/kg	0.50	0.17	1
Toluene	ND		ug/kg	1.0	0.54	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.93	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: RYE LAKE WFP **Lab Number:** L2615324

Project Number: 41.0162892.01 **Report Date:** 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-12 Date Collected: 03/19/26 14:15

Client ID: IN-SITU-5 Date Received: 03/19/26

Sample Location: WEST HARRISON Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
Xylenes, Total	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.92	1
Acetone	ND		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.0	0.65	1
Acrylonitrile	ND		ug/kg	4.0	1.2	1

Project Name: RYE LAKE WFP
Lab Number: L2615324
Project Number: 41.0162892.01
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-12
Client ID: IN-SITU-5
Sample Location: WEST HARRISON
Date Collected: 03/19/26 14:15
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	80	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	108		70-130

Project Name: RYE LAKE WFP **Lab Number:** L2615324

Project Number: 41.0162892.01 **Report Date:** 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-13 Date Collected: 03/19/26 00:00

Client ID: TRIP BLANK_03192026 Date Received: 03/19/26

Sample Location: WEST HARRISON Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 03/24/26 17:25

Analyst: JIC

Percent Solids: Results Reported on an "AS RECEIVED" basis

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17	1
Benzene	ND		ug/kg	0.50	0.17	1
Toluene	ND		ug/kg	1.0	0.54	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.93	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: RYE LAKE WFP **Lab Number:** L2615324

Project Number: 41.0162892.01 **Report Date:** 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-13 Date Collected: 03/19/26 00:00

Client ID: TRIP BLANK_03192026 Date Received: 03/19/26

Sample Location: WEST HARRISON Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
Xylenes, Total	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.92	1
Acetone	ND		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.0	0.65	1
Acrylonitrile	ND		ug/kg	4.0	1.2	1

Project Name: RYE LAKE WFP
Lab Number: L2615324
Project Number: 41.0162892.01
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-13
Client ID: TRIP BLANK_03192026
Sample Location: WEST HARRISON
Date Collected: 03/19/26 00:00
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	80	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	102		70-130

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01
Lab Number: L2615324
Report Date: 03/31/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/24/26 13:30
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035/8260 Low - Westborough Lab for sample(s): 04-06,08,12-13 Batch: WG2189416-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	1.0	J	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
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-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

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01
Lab Number: L2615324
Report Date: 03/31/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/24/26 13:30
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035/8260 Low - Westborough Lab for sample(s): 04-06,08,12-13 Batch: WG2189416-5					
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
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
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
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
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01
Lab Number: L2615324
Report Date: 03/31/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/24/26 13:30
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035/8260 Low - Westborough Lab for sample(s): 04-06,08,12-13 Batch: WG2189416-5					
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
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
o-Chlorotoluene	ND		ug/kg	2.0	0.19
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01
Lab Number: L2615324
Report Date: 03/31/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/24/26 13:30
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035/8260 Low - Westborough Lab for sample(s): 04-06,08,12-13 Batch: WG2189416-5					
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	95		70-130

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01
Lab Number: L2615324
Report Date: 03/31/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/25/26 09:59
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035/8260 Low - Westborough Lab for sample(s): 03 Batch: WG2189845-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.49	J	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
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-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

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01
Lab Number: L2615324
Report Date: 03/31/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/25/26 09:59
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035/8260 Low - Westborough Lab for sample(s): 03 Batch: WG2189845-5					
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
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
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
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
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01
Lab Number: L2615324
Report Date: 03/31/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/25/26 09:59
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035/8260 Low - Westborough Lab for sample(s): 03 Batch: WG2189845-5					
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
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
o-Chlorotoluene	ND		ug/kg	2.0	0.19
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	0.33	J	ug/kg	2.0	0.32
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
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01
Lab Number: L2615324
Report Date: 03/31/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/25/26 09:59
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035/8260 Low - Westborough Lab for sample(s): 03 Batch: WG2189845-5					
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035/8260 Low - Westborough Lab Associated sample(s): 04-06,08,12-13 Batch: WG2189416-3 WG2189416-4								
Methylene chloride	93		93		70-130	0		30
1,1-Dichloroethane	106		106		70-130	0		30
Chloroform	95		98		70-130	3		30
Carbon tetrachloride	100		103		70-130	3		30
1,2-Dichloropropane	105		105		70-130	0		30
Dibromochloromethane	99		97		70-130	2		30
1,1,2-Trichloroethane	99		97		70-130	2		30
Tetrachloroethene	104		105		70-130	1		30
Chlorobenzene	96		96		70-130	0		30
Trichlorofluoromethane	107		110		70-139	3		30
1,2-Dichloroethane	104		104		70-130	0		30
1,1,1-Trichloroethane	103		104		70-130	1		30
Bromodichloromethane	99		98		70-130	1		30
trans-1,3-Dichloropropene	99		98		70-130	1		30
cis-1,3-Dichloropropene	100		101		70-130	1		30
1,1-Dichloropropene	108		108		70-130	0		30
Bromoform	97		97		70-130	0		30
1,1,2,2-Tetrachloroethane	95		94		70-130	1		30
Benzene	100		100		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035/8260 Low - Westborough Lab Associated sample(s): 04-06,08,12-13 Batch: WG2189416-3 WG2189416-4								
Toluene	96		97		70-130	1		30
Ethylbenzene	98		98		70-130	0		30
Chloromethane	**134**	Q	**134**	Q	52-130	0		30
Bromomethane	67		65		57-147	3		30
Vinyl chloride	102		99		67-130	3		30
Chloroethane	107		106		50-151	1		30
1,1-Dichloroethene	102		102		65-135	0		30
trans-1,2-Dichloroethene	99		101		70-130	2		30
Trichloroethene	99		99		70-130	0		30
1,2-Dichlorobenzene	96		96		70-130	0		30
1,3-Dichlorobenzene	94		96		70-130	2		30
1,4-Dichlorobenzene	90		91		70-130	1		30
Methyl tert butyl ether	87		86		66-130	1		30
p/m-Xylene	99		99		70-130	0		30
o-Xylene	96		96		70-130	0		30
cis-1,2-Dichloroethene	98		97		70-130	1		30
Dibromomethane	94		94		70-130	0		30
Styrene	95		95		70-130	0		30
Dichlorodifluoromethane	122		123		30-146	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035/8260 Low - Westborough Lab Associated sample(s): 04-06,08,12-13 Batch: WG2189416-3 WG2189416-4								
Acetone	100		94		54-140	6		30
Carbon disulfide	100		101		59-130	1		30
2-Butanone	104		102		70-130	2		30
Vinyl acetate	93		93		70-130	0		30
4-Methyl-2-pentanone	106		99		70-130	7		30
1,2,3-Trichloropropane	96		95		68-130	1		30
2-Hexanone	116		107		70-130	8		30
Bromochloromethane	97		97		70-130	0		30
2,2-Dichloropropane	100		100		70-130	0		30
1,2-Dibromoethane	104		102		70-130	2		30
1,3-Dichloropropane	102		100		69-130	2		30
1,1,1,2-Tetrachloroethane	94		96		70-130	2		30
Bromobenzene	94		96		70-130	2		30
n-Butylbenzene	96		97		70-130	1		30
sec-Butylbenzene	97		99		70-130	2		30
tert-Butylbenzene	97		98		70-130	1		30
o-Chlorotoluene	96		97		70-130	1		30
p-Chlorotoluene	96		98		70-130	2		30
1,2-Dibromo-3-chloropropane	96		92		68-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035/8260 Low - Westborough Lab Associated sample(s): 04-06,08,12-13 Batch: WG2189416-3 WG2189416-4								
Hexachlorobutadiene	107		109		67-130	2		30
Isopropylbenzene	98		99		70-130	1		30
p-Isopropyltoluene	96		97		70-130	1		30
Naphthalene	95		89		70-130	7		30
Acrylonitrile	106		104		70-130	2		30
n-Propylbenzene	98		100		70-130	2		30
1,2,3-Trichlorobenzene	95		93		70-130	2		30
1,2,4-Trichlorobenzene	95		94		70-130	1		30
1,3,5-Trimethylbenzene	95		97		70-130	2		30
1,2,4-Trimethylbenzene	95		96		70-130	1		30
1,4-Dioxane	100		98		65-136	2		30
p-Diethylbenzene	94		96		70-130	2		30
p-Ethyltoluene	97		99		70-130	2		30
1,2,4,5-Tetramethylbenzene	92		92		70-130	0		30
Ethyl ether	99		98		67-130	1		30
trans-1,4-Dichloro-2-butene	95		88		70-130	8		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035/8260 Low - Westborough Lab Associated sample(s): 04-06,08,12-13 Batch: WG2189416-3 WG2189416-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	110		109		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	98		100		70-130
Dibromofluoromethane	99		100		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035/8260 Low - Westborough Lab Associated sample(s): 03 Batch: WG2189845-3 WG2189845-4								
Methylene chloride	101		97		70-130	4		30
1,1-Dichloroethane	101		100		70-130	1		30
Chloroform	94		94		70-130	0		30
Carbon tetrachloride	104		104		70-130	0		30
1,2-Dichloropropane	93		97		70-130	4		30
Dibromochloromethane	92		94		70-130	2		30
1,1,2-Trichloroethane	91		92		70-130	1		30
Tetrachloroethene	111		113		70-130	2		30
Chlorobenzene	99		101		70-130	2		30
Trichlorofluoromethane	126		115		70-139	9		30
1,2-Dichloroethane	90		92		70-130	2		30
1,1,1-Trichloroethane	101		102		70-130	1		30
Bromodichloromethane	88		92		70-130	4		30
trans-1,3-Dichloropropene	94		94		70-130	0		30
cis-1,3-Dichloropropene	97		101		70-130	4		30
1,1-Dichloropropene	109		110		70-130	1		30
Bromoform	89		91		70-130	2		30
1,1,2,2-Tetrachloroethane	90		93		70-130	3		30
Benzene	99		101		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035/8260 Low - Westborough Lab Associated sample(s): 03 Batch: WG2189845-3 WG2189845-4								
Toluene	100		101		70-130	1		30
Ethylbenzene	102		103		70-130	1		30
Chloromethane	111		99		52-130	11		30
Bromomethane	**159**	Q	145		57-147	9		30
Vinyl chloride	125		113		67-130	10		30
Chloroethane	144		128		50-151	12		30
1,1-Dichloroethene	120		112		65-135	7		30
trans-1,2-Dichloroethene	109		105		70-130	4		30
Trichloroethene	97		100		70-130	3		30
1,2-Dichlorobenzene	96		101		70-130	5		30
1,3-Dichlorobenzene	99		103		70-130	4		30
1,4-Dichlorobenzene	94		98		70-130	4		30
Methyl tert butyl ether	100		96		66-130	4		30
p/m-Xylene	101		103		70-130	2		30
o-Xylene	99		101		70-130	2		30
cis-1,2-Dichloroethene	102		102		70-130	0		30
Dibromomethane	91		94		70-130	3		30
Styrene	98		100		70-130	2		30
Dichlorodifluoromethane	122		109		30-146	11		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035/8260 Low - Westborough Lab Associated sample(s): 03 Batch: WG2189845-3 WG2189845-4								
Acetone	74		70		54-140	6		30
Carbon disulfide	116		109		59-130	6		30
2-Butanone	85		86		70-130	1		30
Vinyl acetate	90		88		70-130	2		30
4-Methyl-2-pentanone	91		89		70-130	2		30
1,2,3-Trichloropropane	91		94		68-130	3		30
2-Hexanone	86		85		70-130	1		30
Bromochloromethane	100		100		70-130	0		30
2,2-Dichloropropane	106		104		70-130	2		30
1,2-Dibromoethane	98		100		70-130	2		30
1,3-Dichloropropane	94		96		69-130	2		30
1,1,1,2-Tetrachloroethane	93		95		70-130	2		30
Bromobenzene	97		101		70-130	4		30
n-Butylbenzene	108		110		70-130	2		30
sec-Butylbenzene	105		108		70-130	3		30
tert-Butylbenzene	102		106		70-130	4		30
o-Chlorotoluene	110		100		70-130	10		30
p-Chlorotoluene	98		101		70-130	3		30
1,2-Dibromo-3-chloropropane	92		93		68-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035/8260 Low - Westborough Lab Associated sample(s): 03 Batch: WG2189845-3 WG2189845-4								
Hexachlorobutadiene	105		110		67-130	5		30
Isopropylbenzene	103		107		70-130	4		30
p-Isopropyltoluene	104		108		70-130	4		30
Naphthalene	108		112		70-130	4		30
Acrylonitrile	97		91		70-130	6		30
n-Propylbenzene	105		108		70-130	3		30
1,2,3-Trichlorobenzene	99		105		70-130	6		30
1,2,4-Trichlorobenzene	104		109		70-130	5		30
1,3,5-Trimethylbenzene	99		102		70-130	3		30
1,2,4-Trimethylbenzene	100		102		70-130	2		30
1,4-Dioxane	105		106		65-136	1		30
p-Diethylbenzene	105		109		70-130	4		30
p-Ethyltoluene	105		108		70-130	3		30
1,2,4,5-Tetramethylbenzene	111		114		70-130	3		30
Ethyl ether	106		100		67-130	6		30
trans-1,4-Dichloro-2-butene	84		85		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035/8260 Low - Westborough Lab Associated sample(s): 03 Batch: WG2189845-3 WG2189845-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		95		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	98		97		70-130
Dibromofluoromethane	100		99		70-130

SEMIVOLATILES

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01
Lab Number: L2615324
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-01
Client ID: STOCKPILE-1-COMP
Sample Location: WEST HARRISON
Date Collected: 03/19/26 12:15
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/22/26 19:23
Analyst: CMM
Percent Solids: 86%
Extraction Method: EPA 3546
Extraction Date: 03/21/26 08:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	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	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	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	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	38	17.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: RYE LAKE WFP **Lab Number:** L2615324

Project Number: 41.0162892.01 **Report Date:** 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-01 Date Collected: 03/19/26 12:15

Client ID: STOCKPILE-1-COMP Date Received: 03/19/26

Sample Location: WEST HARRISON Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	22.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	110	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	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		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	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	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	ND		ug/kg	270	30.	1

Project Name: RYE LAKE WFP
Lab Number: L2615324
Project Number: 41.0162892.01
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-01
Client ID: STOCKPILE-1-COMP
Sample Location: WEST HARRISON
Date Collected: 03/19/26 12:15
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	92		10-120
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	108		10-136
4-Terphenyl-d14	66		18-120

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01
Lab Number: L2615324
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-02
Client ID: STOCKPILE-2-COMP
Sample Location: WEST HARRISON
Date Collected: 03/19/26 12:35
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/22/26 19:44
Analyst: CMM
Percent Solids: 87%
Extraction Method: EPA 3546
Extraction Date: 03/21/26 08:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	37	16.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: RYE LAKE WFP **Lab Number:** L2615324

Project Number: 41.0162892.01 **Report Date:** 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-02 Date Collected: 03/19/26 12:35

Client ID: STOCKPILE-2-COMP Date Received: 03/19/26

Sample Location: WEST HARRISON Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: RYE LAKE WFP
Lab Number: L2615324
Project Number: 41.0162892.01
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-02
Client ID: STOCKPILE-2-COMP
Sample Location: WEST HARRISON
Date Collected: 03/19/26 12:35
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		25-120
Phenol-d6	95		10-120
Nitrobenzene-d5	101		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	110		10-136
4-Terphenyl-d14	73		18-120

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01
Lab Number: L2615324
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-03
Client ID: STOCKPILE-1
Sample Location: WEST HARRISON

Date Collected: 03/19/26 12:55
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 168,1633A
Analytical Date: 03/26/26 19:59
Analyst: SL
Percent Solids: 86%

Extraction Method: EPA 1633
Extraction Date: 03/25/26 13:00
Cleanup Method: EPA 1633
Cleanup Date: 03/25/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.791	0.530	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.396	0.079	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.198	0.049	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.791	0.152	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.198	0.162	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.198	0.028	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.198	0.071	1
Perfluorohexanesulfonic Acid (PFHxS)	0.063	J	ng/g	0.198	0.049	1
Perfluorooctanoic Acid (PFOA)	0.342		ng/g	0.198	0.044	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.791	0.475	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.198	0.034	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.198	0.032	1
Perfluorooctanesulfonic Acid (PFOS)	0.123	J	ng/g	0.198	0.103	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.198	0.049	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.791	0.233	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.198	0.093	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.198	0.087	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.198	0.093	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.198	0.099	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.198	0.091	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.198	0.144	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.791	0.158	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.791	0.281	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.198	0.093	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.791	0.154	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.791	0.392	1

Project Name: RYE LAKE WFP
Lab Number: L2615324
Project Number: 41.0162892.01
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-03
Client ID: STOCKPILE-1
Sample Location: WEST HARRISON
Date Collected: 03/19/26 12:55
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.198	0.059	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.198	0.065	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.98	0.247	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.98	0.239	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.396	0.036	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.396	0.051	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.396	0.048	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.396	0.119	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.989	0.342	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.94	1.39	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.94	1.93	1

Project Name: RYE LAKE WFP
Lab Number: L2615324
Project Number: 41.0162892.01
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-03
Client ID: STOCKPILE-1
Sample Location: WEST HARRISON
Date Collected: 03/19/26 12:55
Date Received: 03/19/26
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)	81		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	63		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	64		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	70		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	65		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	62		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	58		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	67		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)	62		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	44		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	58		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	63		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**36**	Q	40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	53		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	**39**	Q	40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	**35**	Q	40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	42		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	24		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	66		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	29		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	24		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	41		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	34		15-130

Project Name: RYE LAKE WFP
Lab Number: L2615324
Project Number: 41.0162892.01
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-03 RE
Client ID: STOCKPILE-1
Sample Location: WEST HARRISON

Date Collected: 03/19/26 12:55
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 168,1633A
Analytical Date: 03/29/26 15:57
Analyst: ANH
Percent Solids: 86%

Extraction Method: EPA 1633
Extraction Date: 03/28/26 10:15
Cleanup Method: EPA 1633
Cleanup Date: 03/28/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.898	0.431	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.898	0.512	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.898	0.350	1

Project Name: RYE LAKE WFP **Lab Number:** L2615324

Project Number: 41.0162892.01 **Report Date:** 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-03 RE Date Collected: 03/19/26 12:55

Client ID: STOCKPILE-1 Date Received: 03/19/26

Sample Location: WEST HARRISON 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)	95		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	87		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	99		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)	87		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)	81		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	86		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	77		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	96		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	90		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	86		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)	55		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	71		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	64		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	52		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	49		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	31		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	89		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	32		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	30		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	51		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	47		15-130

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01
Lab Number: L2615324
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-04
Client ID: STOCKPILE-2
Sample Location: WEST HARRISON

Date Collected: 03/19/26 13:00
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 168,1633A
Analytical Date: 03/26/26 20:17
Analyst: SL
Percent Solids: 83%

Extraction Method: EPA 1633
Extraction Date: 03/25/26 13:00
Cleanup Method: EPA 1633
Cleanup Date: 03/25/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.801	0.537	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.401	0.080	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.050	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.801	0.154	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.164	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.028	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.072	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.050	1
Perfluorooctanoic Acid (PFOA)	0.282		ng/g	0.200	0.044	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.801	0.481	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.034	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.032	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.104	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.050	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.801	0.236	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.094	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.096	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.088	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.094	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.114	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.078	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.100	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.092	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.146	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.801	0.160	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.801	0.284	1

Project Name: RYE LAKE WFP
Lab Number: L2615324
Project Number: 41.0162892.01
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-04
Client ID: STOCKPILE-2
Sample Location: WEST HARRISON
Date Collected: 03/19/26 13:00
Date Received: 03/19/26
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	0.200	0.094	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.801	0.156	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.801	0.397	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.060	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.066	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.250	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.242	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.401	0.036	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.401	0.052	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.401	0.048	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.401	0.120	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.346	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.01	1.41	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.01	1.95	1

Project Name: RYE LAKE WFP **Lab Number:** L2615324

Project Number: 41.0162892.01 **Report Date:** 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-04 Date Collected: 03/19/26 13:00

Client ID: STOCKPILE-2 Date Received: 03/19/26

Sample Location: WEST HARRISON 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)	84		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	73		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	76		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)	81		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	65		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	64		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	97		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	74		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	48		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	59		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	60		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	42		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	54		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	45		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	40		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	49		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	31		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	72		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	32		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	29		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	44		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	40		15-130

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01
Lab Number: L2615324
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-05
Client ID: STOCKPILE-3
Sample Location: WEST HARRISON

Date Collected: 03/19/26 13:05
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 168,1633A
Analytical Date: 03/26/26 20:26
Analyst: SL
Percent Solids: 87%

Extraction Method: EPA 1633
Extraction Date: 03/25/26 13:00
Cleanup Method: EPA 1633
Cleanup Date: 03/25/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.801	0.537	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.401	0.080	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.050	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.801	0.154	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.164	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.028	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.072	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.050	1
Perfluorooctanoic Acid (PFOA)	0.222		ng/g	0.200	0.044	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.801	0.481	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.034	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.032	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.104	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.050	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.801	0.236	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.094	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.096	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.088	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.094	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.114	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.078	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.100	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.092	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.146	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.801	0.160	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.801	0.284	1

Project Name: RYE LAKE WFP
Lab Number: L2615324
Project Number: 41.0162892.01
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-05
Client ID: STOCKPILE-3
Sample Location: WEST HARRISON
Date Collected: 03/19/26 13:05
Date Received: 03/19/26
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	0.200	0.094	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.801	0.156	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.801	0.397	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.060	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.066	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.250	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.242	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.401	0.036	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.401	0.052	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.401	0.048	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.401	0.120	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.347	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.01	1.41	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.01	1.95	1

Project Name: RYE LAKE WFP **Lab Number:** L2615324

Project Number: 41.0162892.01 **Report Date:** 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-05 Date Collected: 03/19/26 13:05

Client ID: STOCKPILE-3 Date Received: 03/19/26

Sample Location: WEST HARRISON 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)	85		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	64		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	70		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)	74		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	64		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	55		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	69		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	77		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	71		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	44		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	65		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	63		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	44		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	57		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	49		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	42		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	42		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	24		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	66		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	35		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	28		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	45		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	39		15-130

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01
Lab Number: L2615324
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-06
Client ID: STOCKPILE-4
Sample Location: WEST HARRISON
Date Collected: 03/19/26 13:10
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 168,1633A
Analytical Date: 03/26/26 20:35
Analyst: SL
Percent Solids: 84%

Extraction Method: EPA 1633
Extraction Date: 03/25/26 13:00
Cleanup Method: EPA 1633
Cleanup Date: 03/25/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.789	0.529	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.394	0.079	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.197	0.049	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.789	0.152	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.197	0.162	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.197	0.028	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.197	0.071	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.197	0.049	1
Perfluorooctanoic Acid (PFOA)	0.248		ng/g	0.197	0.043	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.789	0.473	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.197	0.034	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.197	0.032	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.197	0.102	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.197	0.049	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.789	0.233	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.197	0.093	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.197	0.095	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.197	0.087	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.197	0.093	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.197	0.112	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.197	0.077	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.197	0.099	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.197	0.091	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.197	0.144	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.789	0.158	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.789	0.280	1

Project Name: RYE LAKE WFP
Lab Number: L2615324
Project Number: 41.0162892.01
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-06
Client ID: STOCKPILE-4
Sample Location: WEST HARRISON
Date Collected: 03/19/26 13:10
Date Received: 03/19/26
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	0.197	0.093	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.789	0.154	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.789	0.390	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.197	0.059	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.197	0.065	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.97	0.246	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.97	0.239	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.394	0.036	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.394	0.051	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.394	0.047	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.394	0.118	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.986	0.341	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.93	1.38	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.93	1.92	1

Project Name: RYE LAKE WFP **Lab Number:** L2615324

Project Number: 41.0162892.01 **Report Date:** 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-06 Date Collected: 03/19/26 13:10

Client ID: STOCKPILE-4 Date Received: 03/19/26

Sample Location: WEST HARRISON 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)	88		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	81		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	91		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	82		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	80		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	79		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	96		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	69		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	102		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	97		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	77		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	82		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	75		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	54		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	85		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	67		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	59		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	67		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	42		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)	41		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	57		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	53		15-130

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01
Lab Number: L2615324
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-07
Client ID: IN-SITU-COMP
Sample Location: WEST HARRISON
Date Collected: 03/19/26 14:30
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/22/26 20:05
Analyst: CMM
Percent Solids: 83%
Extraction Method: EPA 3546
Extraction Date: 03/21/26 08:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	40	17.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1

Project Name: RYE LAKE WFP **Lab Number:** L2615324

Project Number: 41.0162892.01 **Report Date:** 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-07 Date Collected: 03/19/26 14:30

Client ID: IN-SITU-COMP Date Received: 03/19/26

Sample Location: WEST HARRISON Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	430	74.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	95.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

Project Name: RYE LAKE WFP
Lab Number: L2615324
Project Number: 41.0162892.01
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-07
Client ID: IN-SITU-COMP
Sample Location: WEST HARRISON
Date Collected: 03/19/26 14:30
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	106		10-136
4-Terphenyl-d14	62		18-120

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01
Lab Number: L2615324
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-08
Client ID: IN-SITU-1
Sample Location: WEST HARRISON

Date Collected: 03/19/26 13:45
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 168,1633A
Analytical Date: 03/26/26 20:44
Analyst: SL
Percent Solids: 82%

Extraction Method: EPA 1633
Extraction Date: 03/25/26 13:00
Cleanup Method: EPA 1633
Cleanup Date: 03/25/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.795	0.533	1
Perfluoropentanoic Acid (PFPeA)	0.199	J	ng/g	0.398	0.080	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.050	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.795	0.153	1
Perfluorohexanoic Acid (PFHxA)	0.298		ng/g	0.199	0.163	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.199	0.028	1
Perfluoroheptanoic Acid (PFHpA)	0.479		ng/g	0.199	0.072	1
Perfluorohexanesulfonic Acid (PFHxS)	0.097	J	ng/g	0.199	0.050	1
Perfluorooctanoic Acid (PFOA)	2.32		ng/g	0.199	0.044	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.795	0.477	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.034	1
Perfluorononanoic Acid (PFNA)	0.165	JF	ng/g	0.199	0.032	1
Perfluorooctanesulfonic Acid (PFOS)	0.258		ng/g	0.199	0.103	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.199	0.050	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.795	0.235	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.094	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.095	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.199	0.088	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.094	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.113	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.078	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.199	0.099	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.199	0.092	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.145	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.795	0.159	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.795	0.282	1

Project Name: RYE LAKE WFP
Lab Number: L2615324
Project Number: 41.0162892.01
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-08
Client ID: IN-SITU-1
Sample Location: WEST HARRISON
Date Collected: 03/19/26 13:45
Date Received: 03/19/26
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	0.094	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.795	0.155	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.795	0.394	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.060	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.066	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.248	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.241	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.398	0.036	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.398	0.052	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.398	0.048	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.398	0.119	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.994	0.344	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.97	1.40	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.97	1.94	1

Project Name: RYE LAKE WFP **Lab Number:** L2615324

Project Number: 41.0162892.01 **Report Date:** 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-08 Date Collected: 03/19/26 13:45

Client ID: IN-SITU-1 Date Received: 03/19/26

Sample Location: WEST HARRISON 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)	87		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	76		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	93		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	84		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	85		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	65		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	84		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	84		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	86		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	88		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	79		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	82		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	83		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	54		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	82		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	65		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	56		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	52		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	45		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	74		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	45		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	42		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	57		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	54		15-130

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01
Lab Number: L2615324
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-09
Client ID: IN-SITU-2
Sample Location: WEST HARRISON

Date Collected: 03/19/26 13:50
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 168,1633A
Analytical Date: 03/26/26 21:25
Analyst: SL
Percent Solids: 80%

Extraction Method: EPA 1633
Extraction Date: 03/25/26 13:00
Cleanup Method: EPA 1633
Cleanup Date: 03/25/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.797	0.534	1
Perfluoropentanoic Acid (PFPeA)	0.227	J	ng/g	0.398	0.080	1
Perfluorobutanesulfonic Acid (PFBS)	0.050	J	ng/g	0.199	0.050	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.797	0.153	1
Perfluorohexanoic Acid (PFHxA)	0.424		ng/g	0.199	0.163	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.199	0.028	1
Perfluoroheptanoic Acid (PFHpA)	0.486		ng/g	0.199	0.072	1
Perfluorohexanesulfonic Acid (PFHxS)	0.104	J	ng/g	0.199	0.050	1
Perfluorooctanoic Acid (PFOA)	3.14		ng/g	0.199	0.044	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.797	0.478	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.034	1
Perfluorononanoic Acid (PFNA)	0.149	J	ng/g	0.199	0.032	1
Perfluorooctanesulfonic Acid (PFOS)	0.340		ng/g	0.199	0.104	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.199	0.050	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.797	0.235	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.094	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.096	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.199	0.088	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.094	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.114	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.078	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.199	0.100	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.199	0.092	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.145	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.797	0.159	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.797	0.283	1

Project Name: RYE LAKE WFP
Lab Number: L2615324
Project Number: 41.0162892.01
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-09
Client ID: IN-SITU-2
Sample Location: WEST HARRISON
Date Collected: 03/19/26 13:50
Date Received: 03/19/26
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	0.094	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.797	0.155	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.797	0.394	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.060	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.066	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.249	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.241	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.398	0.036	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.398	0.052	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.398	0.048	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.398	0.119	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.996	0.344	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.98	1.40	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.98	1.94	1

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01
Lab Number: L2615324
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-09
Client ID: IN-SITU-2
Sample Location: WEST HARRISON
Date Collected: 03/19/26 13:50
Date Received: 03/19/26
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)	92		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	79		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	74		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)	83		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	72		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	61		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	71		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	53		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	82		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	46		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	66		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	69		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	48		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	66		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	55		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	50		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	66		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	42		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	79		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	37		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	33		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	47		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	43		15-130

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01
Lab Number: L2615324
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-10
Client ID: IN-SITU-3
Sample Location: WEST HARRISON

Date Collected: 03/19/26 14:00
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 168,1633A
Analytical Date: 03/26/26 21:34
Analyst: SL
Percent Solids: 83%

Extraction Method: EPA 1633
Extraction Date: 03/25/26 13:00
Cleanup Method: EPA 1633
Cleanup Date: 03/25/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.536	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.080	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.050	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.154	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.164	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.028	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.072	1
Perfluorohexanesulfonic Acid (PFHxS)	0.064	J	ng/g	0.200	0.050	1
Perfluorooctanoic Acid (PFOA)	0.452		ng/g	0.200	0.044	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.480	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.034	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.032	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.104	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.050	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.236	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.094	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.096	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.088	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.094	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.114	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.078	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.100	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.092	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.146	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.160	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.284	1

Project Name: RYE LAKE WFP
Lab Number: L2615324
Project Number: 41.0162892.01
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-10
Client ID: IN-SITU-3
Sample Location: WEST HARRISON
Date Collected: 03/19/26 14:00
Date Received: 03/19/26
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	0.200	0.094	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.156	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.396	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.060	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.066	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.250	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.242	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.036	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.052	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.048	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.120	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.346	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	1.40	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	1.95	1

Project Name: RYE LAKE WFP
Lab Number: L2615324
Project Number: 41.0162892.01
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-10
Client ID: IN-SITU-3
Sample Location: WEST HARRISON
Date Collected: 03/19/26 14:00
Date Received: 03/19/26
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)	92		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	80		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	75		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	73		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	81		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	77		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	63		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	79		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	82		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	102		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	55		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	77		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	67		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	46		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	66		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	54		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	47		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	54		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	27		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	83		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	41		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	33		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	51		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	47		15-130

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01
Lab Number: L2615324
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-11
Client ID: IN-SITU-4
Sample Location: WEST HARRISON

Date Collected: 03/19/26 14:05
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 168,1633A
Analytical Date: 03/26/26 21:43
Analyst: SL
Percent Solids: 85%

Extraction Method: EPA 1633
Extraction Date: 03/25/26 13:00
Cleanup Method: EPA 1633
Cleanup Date: 03/25/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.789	0.529	1
Perfluoropentanoic Acid (PFPeA)	0.091	J	ng/g	0.395	0.079	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.197	0.049	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.789	0.152	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.197	0.162	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.197	0.028	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.197	0.071	1
Perfluorohexanesulfonic Acid (PFHxS)	0.059	J	ng/g	0.197	0.049	1
Perfluorooctanoic Acid (PFOA)	0.055	J	ng/g	0.197	0.043	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.789	0.474	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.197	0.034	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.197	0.032	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.197	0.103	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.197	0.049	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.789	0.233	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.197	0.093	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.197	0.095	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.197	0.087	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.197	0.093	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.197	0.112	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.197	0.077	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.197	0.099	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.197	0.091	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.197	0.144	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.789	0.158	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.789	0.280	1

Project Name: RYE LAKE WFP **Lab Number:** L2615324

Project Number: 41.0162892.01 **Report Date:** 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-11 Date Collected: 03/19/26 14:05

Client ID: IN-SITU-4 Date Received: 03/19/26

Sample Location: WEST HARRISON 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	0.197	0.093	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.789	0.154	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.789	0.391	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.197	0.059	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.197	0.065	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.97	0.247	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.97	0.239	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.395	0.036	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.395	0.051	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.395	0.047	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.395	0.118	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.987	0.341	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.93	1.38	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.93	1.92	1

Project Name: RYE LAKE WFP **Lab Number:** L2615324

Project Number: 41.0162892.01 **Report Date:** 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-11 Date Collected: 03/19/26 14:05

Client ID: IN-SITU-4 Date Received: 03/19/26

Sample Location: WEST HARRISON 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)	90		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	81		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)	87		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	90		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	84		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	83		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)	86		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	86		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	58		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	85		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	81		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	53		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	83		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	58		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	54		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	78		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	44		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	83		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	39		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	37		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	56		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	51		15-130

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01
Lab Number: L2615324
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-12
Client ID: IN-SITU-5
Sample Location: WEST HARRISON

Date Collected: 03/19/26 14:15
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 168,1633A
Analytical Date: 03/26/26 21:52
Analyst: SL
Percent Solids: 88%

Extraction Method: EPA 1633
Extraction Date: 03/25/26 13:00
Cleanup Method: EPA 1633
Cleanup Date: 03/25/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.801	0.537	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.080	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.050	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.801	0.154	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.164	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.028	1
Perfluoroheptanoic Acid (PFHpA)	0.104	J	ng/g	0.200	0.072	1
Perfluorohexanesulfonic Acid (PFHxS)	0.062	J	ng/g	0.200	0.050	1
Perfluorooctanoic Acid (PFOA)	0.513		ng/g	0.200	0.044	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.801	0.480	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.034	1
Perfluorononanoic Acid (PFNA)	0.104	JF	ng/g	0.200	0.032	1
Perfluorooctanesulfonic Acid (PFOS)	0.228	F	ng/g	0.200	0.104	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.050	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.801	0.236	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.094	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.096	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.088	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.094	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.114	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.078	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.100	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.092	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.146	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.801	0.160	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.801	0.284	1

Project Name: RYE LAKE WFP
Lab Number: L2615324
Project Number: 41.0162892.01
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-12
Client ID: IN-SITU-5
Sample Location: WEST HARRISON
Date Collected: 03/19/26 14:15
Date Received: 03/19/26
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	0.200	0.094	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.801	0.156	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.801	0.396	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.060	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.066	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.250	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.242	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.036	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.052	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.048	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.120	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.346	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.01	1.40	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.01	1.95	1

Project Name: RYE LAKE WFP
Lab Number: L2615324
Project Number: 41.0162892.01
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-12
Client ID: IN-SITU-5
Sample Location: WEST HARRISON
Date Collected: 03/19/26 14:15
Date Received: 03/19/26
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)	91		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	79		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	91		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	87		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)	76		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	76		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)	79		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	79		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	59		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	74		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)	45		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	72		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	54		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	47		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	63		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	35		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	80		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	40		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	35		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	50		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	45		15-130

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01
Lab Number: L2615324
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-14
Client ID: PFAS BLANK_03192026
Sample Location: WEST HARRISON
Date Collected: 03/19/26 14:35
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 168,1633A
Analytical Date: 03/24/26 10:28
Analyst: AC
Extraction Method: EPA 1633
Extraction Date: 03/23/26 13:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.40	4.29	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.20	0.640	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.60	0.512	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.40	1.49	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.60	1.31	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.60	0.368	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.60	0.496	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.60	0.704	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.60	0.400	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.40	3.84	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.60	0.496	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.60	0.256	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.60	1.23	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.60	0.416	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.40	3.06	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.60	0.528	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.60	1.15	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.60	0.704	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.60	0.752	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.60	0.912	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.60	0.736	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.60	0.800	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.60	0.736	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.60	1.17	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.40	0.944	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.40	1.25	1

Project Name: RYE LAKE WFP **Lab Number:** L2615324

Project Number: 41.0162892.01 **Report Date:** 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-14 Date Collected: 03/19/26 14:35

Client ID: PFAS BLANK_03192026 Date Received: 03/19/26

Sample Location: WEST HARRISON 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/l	1.60	0.752	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.40	1.25	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.40	3.17	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.60	0.624	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.60	0.464	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	16.0	1.70	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	16.0	1.44	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.20	0.144	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.20	0.832	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.20	0.400	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.20	0.944	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	8.00	2.06	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	40.0	11.5	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	40.0	12.1	1

Project Name: RYE LAKE WFP **Lab Number:** L2615324

Project Number: 41.0162892.01 **Report Date:** 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-14 Date Collected: 03/19/26 14:35

Client ID: PFAS BLANK_03192026 Date Received: 03/19/26

Sample Location: WEST HARRISON 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)	101		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	109		40-130
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)	84		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	101		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)	89		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	91		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	91		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	93		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)	93		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	87		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	95		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	91		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	81		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	62		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	81		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	75		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	123		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	63		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	64		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	76		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	80		10-130

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/21/26 11:31
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 03/20/26 18:01

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,07 Batch: WG2187694-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
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	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	33	14.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/21/26 11:31
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 03/20/26 18:01

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,07 Batch: WG2187694-1					
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/21/26 11:31
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 03/20/26 18:01

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,07 Batch: WG2187694-1					
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01
Lab Number: L2615324
Report Date: 03/31/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/21/26 11:31
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 03/20/26 18:01

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,07 Batch: WG2187694-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		25-120
Phenol-d6	59		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	75		18-120

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 03/23/26 19:03
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 03/23/26 13:05

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 14 Batch: WG2188066-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.40	4.29
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.20	0.640
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.60	0.512
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.40	1.49
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.60	1.31
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.60	0.368
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.60	0.496
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.60	0.704
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.60	0.400
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.40	3.84
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.60	0.496
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.60	0.256
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.60	1.23
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.60	0.416
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.40	3.06
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.60	0.528
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.60	1.15
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.60	0.704
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.60	0.752
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.60	0.912
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.60	0.736
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.60	0.800
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.60	0.736

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 03/23/26 19:03
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 03/23/26 13:05

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 14 Batch: WG2188066-1					
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.60	1.17
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.40	0.944
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.40	1.25
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.60	0.752
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.40	1.25
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.40	3.17
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.60	0.624
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.60	0.464
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	16.0	1.70
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	16.0	1.44
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.20	0.144
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.20	0.832
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.20	0.400
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.20	0.944
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	8.00	2.06
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	40.0	11.5
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	40.0	12.1

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01
Lab Number: L2615324
Report Date: 03/31/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 03/23/26 19:03
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 03/23/26 13:05

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 14 Batch: WG2188066-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	80		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	87		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	74		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	63		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	77		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	82		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	75		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	70		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	65		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	75		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	70		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	79		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	81		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	119		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	75		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	88		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	**162**	Q	25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	65		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	64		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	95		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	40		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	39		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	57		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	56		10-130

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 03/26/26 19:33
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 03/25/26 13:00
Cleanup Method: EPA 1633
Cleanup Date: 03/25/26

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 03-06,08-12 Batch: WG2189101-1					
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

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 03/26/26 19:33
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 03/25/26 13:00
Cleanup Method: EPA 1633
Cleanup Date: 03/25/26

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 03-06,08-12 Batch: WG2189101-1					
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.092
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: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 03/26/26 19:33
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 03/25/26 13:00
Cleanup Method: EPA 1633
Cleanup Date: 03/25/26

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 03-06,08-12 Batch: WG2189101-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	76		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	68		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	79		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)	73		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	62		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	65		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	73		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)	53		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	57		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	65		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)	57		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	68		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	58		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	56		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	62		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	40		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	70		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	42		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	35		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	53		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	46		15-130

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01
Lab Number: L2615324
Report Date: 03/31/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 03/29/26 15:48
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 03/28/26 10:15
Cleanup Method: EPA 1633
Cleanup Date: 03/28/26

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 03 Batch: WG2190795-1 R					
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)	0.050	J	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: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 03/29/26 15:48
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 03/28/26 10:15
Cleanup Method: EPA 1633
Cleanup Date: 03/28/26

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 03 Batch: WG2190795-1 R					
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: RYE LAKE WFP
Project Number: 41.0162892.01
Lab Number: L2615324
Report Date: 03/31/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 03/29/26 15:48
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 03/28/26 10:15
Cleanup Method: EPA 1633
Cleanup Date: 03/28/26

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 03 Batch: WG2190795-1 R					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	96		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	85		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	86		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	87		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	94		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	89		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	68		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	86		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	82		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	81		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)	88		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)	60		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	85		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	65		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	60		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	65		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	38		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	91		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	29		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	26		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	49		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	43		15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,07 Batch: WG2187694-2 WG2187694-3								
Acenaphthene	77		81		31-137	5		50
1,2,4-Trichlorobenzene	83		78		38-107	6		50
Hexachlorobenzene	86		93		40-140	8		50
Bis(2-chloroethyl)ether	62		65		40-140	5		50
2-Chloronaphthalene	77		84		40-140	9		50
1,2-Dichlorobenzene	78		80		40-140	3		50
1,3-Dichlorobenzene	76		78		40-140	3		50
1,4-Dichlorobenzene	76		79		28-104	4		50
3,3'-Dichlorobenzidine	67		71		40-140	6		50
2,4-Dinitrotoluene	87		92		40-132	6		50
2,6-Dinitrotoluene	85		94		40-140	10		50
Fluoranthene	91		93		40-140	2		50
4-Chlorophenyl phenyl ether	81		84		40-140	4		50
4-Bromophenyl phenyl ether	85		91		40-140	7		50
Bis(2-chloroisopropyl)ether	**31**	Q	**32**	Q	40-140	3		50
Bis(2-chloroethoxy)methane	73		68		40-117	7		50
Hexachlorobutadiene	77		86		40-140	11		50
Hexachlorocyclopentadiene	85		102		40-140	18		50
Hexachloroethane	75		76		40-140	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,07 Batch: WG2187694-2 WG2187694-3								
Isophorone	73		73		40-140	0		50
Naphthalene	79		81		40-140	3		50
Nitrobenzene	72		77		40-140	7		50
NDPA/DPA	80		86		36-157	7		50
n-Nitrosodi-n-propylamine	70		72		32-121	3		50
Bis(2-ethylhexyl)phthalate	90		94		40-140	4		50
Butyl benzyl phthalate	102		103		40-140	1		50
Di-n-butylphthalate	93		97		40-140	4		50
Di-n-octylphthalate	101		112		40-140	10		50
Diethyl phthalate	84		90		40-140	7		50
Dimethyl phthalate	81		92		40-140	13		50
Benzo(a)anthracene	85		89		40-140	5		50
Benzo(a)pyrene	95		98		40-140	3		50
Benzo(b)fluoranthene	90		95		40-140	5		50
Benzo(k)fluoranthene	88		94		40-140	7		50
Chrysene	86		89		40-140	3		50
Acenaphthylene	80		92		40-140	14		50
Anthracene	82		87		40-140	6		50
Benzo(ghi)perylene	81		92		40-140	13		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,07 Batch: WG2187694-2 WG2187694-3								
Fluorene	84		84		40-140	0		50
Phenanthrene	80		84		40-140	5		50
Dibenzo(a,h)anthracene	86		88		40-140	2		50
Indeno(1,2,3-cd)pyrene	86		86		40-140	0		50
Pyrene	88		88		35-142	0		50
Biphenyl	85		93		37-127	9		50
4-Chloroaniline	54		55		40-140	2		50
2-Nitroaniline	82		98		47-134	18		50
3-Nitroaniline	66		74		26-129	11		50
4-Nitroaniline	73		81		41-125	10		50
Dibenzofuran	82		82		40-140	0		50
2-Methylnaphthalene	79		88		40-140	11		50
1,2,4,5-Tetrachlorobenzene	80		95		40-117	17		50
Acetophenone	81		84		14-144	4		50
2,4,6-Trichlorophenol	80		92		30-130	14		50
p-Chloro-m-cresol	78		92		26-103	16		50
2-Chlorophenol	80		84		25-102	5		50
2,4-Dichlorophenol	90		84		30-130	7		50
2,4-Dimethylphenol	93		92		30-130	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,07 Batch: WG2187694-2 WG2187694-3								
2-Nitrophenol	94		94		30-130	0		50
4-Nitrophenol	89		96		11-114	8		50
2,4-Dinitrophenol	79		89		4-130	12		50
4,6-Dinitro-o-cresol	98		106		10-130	8		50
Pentachlorophenol	92		102		17-109	10		50
Phenol	69		73		26-90	6		50
2-Methylphenol	81		85		30-130	5		50
3-Methylphenol/4-Methylphenol	84		75		30-130	11		50
2,4,5-Trichlorophenol	81		97		30-130	18		50
Benzoic Acid	63		50		10-110	23		50
Benzyl Alcohol	75		75		40-140	0		50
Carbazole	85		88		54-128	3		50
1,4-Dioxane	53		55		40-140	4		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,07 Batch: WG2187694-2 WG2187694-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	69		76		25-120
Phenol-d6	76		79		10-120
Nitrobenzene-d5	77		78		23-120
2-Fluorobiphenyl	78		86		30-120
2,4,6-Tribromophenol	93		98		10-136
4-Terphenyl-d14	96		92		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

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): 14 Batch: WG2188066-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	108		-		70-140	-		
Perfluoropentanoic Acid (PFPeA)	106		-		65-135	-		
Perfluorobutanesulfonic Acid (PFBS)	97		-		60-145	-		
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	112		-		70-145	-		
Perfluorohexanoic Acid (PFHxA)	98		-		70-145	-		
Perfluoropentanesulfonic Acid (PFPeS)	110		-		65-140	-		
Perfluoroheptanoic Acid (PFHpA)	105		-		70-150	-		
Perfluorohexanesulfonic Acid (PFHxS)	98		-		65-145	-		
Perfluorooctanoic Acid (PFOA)	124		-		70-150	-		
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	110		-		65-155	-		
Perfluoroheptanesulfonic Acid (PFHpS)	106		-		70-150	-		
Perfluorononanoic Acid (PFNA)	120		-		70-150	-		
Perfluorooctanesulfonic Acid (PFOS)	105		-		55-150	-		
Perfluorodecanoic Acid (PFDA)	105		-		70-140	-		
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	115		-		60-150	-		
Perfluorononanesulfonic Acid (PFNS)	98		-		65-145	-		
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	93		-		50-140	-		
Perfluoroundecanoic Acid (PFUnA)	111		-		70-145	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

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): 14 Batch: WG2188066-2 LOW LEVEL								
Perfluorodecanesulfonic Acid (PFDS)	82		-		60-145	-		
Perfluorooctanesulfonamide (PFOSA)	100		-		70-145	-		
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	108		-		70-145	-		
Perfluorododecanoic Acid (PFDoA)	104		-		70-140	-		
Perfluorotridecanoic Acid (PFTrDA)	120		-		65-140	-		
Perfluorotetradecanoic Acid (PFTeDA)	109		-		60-140	-		
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	103		-		70-140	-		
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	115		-		65-145	-		
Perfluorododecanesulfonic Acid (PFDoS)	77		-		50-145	-		
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	106		-		70-155	-		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	96		-		55-160	-		
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	99		-		60-150	-		
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	104		-		65-145	-		
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	104		-		70-145	-		
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	102		-		70-135	-		
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	93		-		55-140	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

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): 14 Batch: WG2188066-2 LOW LEVEL								
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	90		-		60-150	-		
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	91		-		70-140	-		
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	132		-		50-150	-		
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	88		-		65-130	-		
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	88		-		70-135	-		
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	79		-		50-145	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

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): 14 Batch: WG2188066-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	96				5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	98				40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	96				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	77				40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	99				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)	89				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	88				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	92				40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	89				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	92				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	93				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	86				40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	75				40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	88				30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	95				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	68				25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	83				10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	90				10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	101				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	68				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	60				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	**157**	Q			10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	**144**	Q			10-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 14 Batch: WG2188066-3								
Perfluorobutanoic Acid (PFBA)	105		-		70-140	-		
Perfluoropentanoic Acid (PFPeA)	106		-		65-135	-		
Perfluorobutanesulfonic Acid (PFBS)	106		-		60-145	-		
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	109		-		70-145	-		
Perfluorohexanoic Acid (PFHxA)	105		-		70-145	-		
Perfluoropentanesulfonic Acid (PFPeS)	102		-		65-140	-		
Perfluoroheptanoic Acid (PFHpA)	105		-		70-150	-		
Perfluorohexanesulfonic Acid (PFHxS)	97		-		65-145	-		
Perfluorooctanoic Acid (PFOA)	120		-		70-150	-		
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	107		-		65-155	-		
Perfluoroheptanesulfonic Acid (PFHpS)	104		-		70-150	-		
Perfluorononanoic Acid (PFNA)	119		-		70-150	-		
Perfluorooctanesulfonic Acid (PFOS)	100		-		55-150	-		
Perfluorodecanoic Acid (PFDA)	113		-		70-140	-		
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	113		-		60-150	-		
Perfluorononanesulfonic Acid (PFNS)	102		-		65-145	-		
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	106		-		50-140	-		
Perfluoroundecanoic Acid (PFUnA)	114		-		70-145	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 14 Batch: WG2188066-3								
Perfluorodecanesulfonic Acid (PFDS)	95		-		60-145	-		
Perfluorooctanesulfonamide (PFOSA)	105		-		70-145	-		
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	105		-		70-145	-		
Perfluorododecanoic Acid (PFDoA)	104		-		70-140	-		
Perfluorotridecanoic Acid (PFTrDA)	125		-		65-140	-		
Perfluorotetradecanoic Acid (PFTeDA)	109		-		60-140	-		
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	108		-		70-140	-		
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	104		-		65-145	-		
Perfluorododecanesulfonic Acid (PFDoS)	88		-		50-145	-		
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	110		-		70-155	-		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	100		-		55-160	-		
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	105		-		60-150	-		
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	103		-		65-145	-		
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	105		-		70-145	-		
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	101		-		70-135	-		
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	98		-		55-140	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 14 Batch: WG2188066-3								
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	95		-		60-150	-		
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	109		-		70-140	-		
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	138		-		50-150	-		
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	97		-		65-130	-		
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	100		-		70-135	-		
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	79		-		50-145	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 14 Batch: WG2188066-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	98				5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	104				40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	93				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	81				40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	97				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	102				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	93				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	87				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	90				40-200
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)	95				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	85				40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	79				40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	95				30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	80				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	72				25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	91				10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	90				10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	106				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	60				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	61				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	75				10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	76				10-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

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): 03-06,08-12 Batch: WG2189101-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	110		-		70-140	-		
Perfluoropentanoic Acid (PFPeA)	112		-		60-150	-		
Perfluorobutanesulfonic Acid (PFBS)	110		-		65-145	-		
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	114		-		60-150	-		
Perfluorohexanoic Acid (PFHxA)	100		-		65-140	-		
Perfluoropentanesulfonic Acid (PFPeS)	110		-		55-160	-		
Perfluoroheptanoic Acid (PFHpA)	118		-		65-145	-		
Perfluorohexanesulfonic Acid (PFHxS)	116		-		60-150	-		
Perfluorooctanoic Acid (PFOA)	110		-		70-150	-		
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	132		-		55-200	-		
Perfluoroheptanesulfonic Acid (PFHpS)	117		-		65-155	-		
Perfluorononanoic Acid (PFNA)	119		-		70-155	-		
Perfluorooctanesulfonic Acid (PFOS)	102		-		65-160	-		
Perfluorodecanoic Acid (PFDA)	116		-		70-155	-		
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	112		-		70-150	-		
Perfluorononanesulfonic Acid (PFNS)	90		-		55-140	-		
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	113		-		65-155	-		
Perfluoroundecanoic Acid (PFUnA)	126		-		70-155	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

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): 03-06,08-12 Batch: WG2189101-2 LOW LEVEL								
Perfluorodecanesulfonic Acid (PFDS)	79		-		40-155	-		
Perfluorooctanesulfonamide (PFOSA)	117		-		70-140	-		
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	108		-		65-165	-		
Perfluorododecanoic Acid (PFDoA)	116		-		70-150	-		
Perfluorotridecanoic Acid (PFTrDA)	89		-		65-150	-		
Perfluorotetradecanoic Acid (PFTeDA)	114		-		65-150	-		
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	115		-		70-145	-		
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	127		-		70-160	-		
Perfluorododecanesulfonic Acid (PFDoS)	54		-		25-160	-		
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	95		-		70-150	-		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	82		-		45-160	-		
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	123		-		70-155	-		
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	112		-		70-140	-		
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	111		-		70-140	-		
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	110		-		70-135	-		
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	108		-		30-140	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

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): 03-06,08-12 Batch: WG2189101-2 LOW LEVEL								
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	109		-		60-150	-		
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	80		-		70-140	-		
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	91		-		60-155	-		
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	110		-		45-130	-		
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	119		-		60-130	-		
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	118		-		60-150	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

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): 03-06,08-12 Batch: WG2189101-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	85				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	78				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	71				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	63				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)	73				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	65				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	78				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)	72				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	55				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	72				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)	55				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	74				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	54				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	54				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	70				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	42				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	76				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	39				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	35				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	54				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	51				15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03-06,08-12 Batch: WG2189101-3								
Perfluorobutanoic Acid (PFBA)	118		-		70-140	-		
Perfluoropentanoic Acid (PFPeA)	108		-		60-150	-		
Perfluorobutanesulfonic Acid (PFBS)	109		-		65-145	-		
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	120		-		60-150	-		
Perfluorohexanoic Acid (PFHxA)	118		-		65-140	-		
Perfluoropentanesulfonic Acid (PFPeS)	126		-		55-160	-		
Perfluoroheptanoic Acid (PFHpA)	124		-		65-145	-		
Perfluorohexanesulfonic Acid (PFHxS)	106		-		60-150	-		
Perfluorooctanoic Acid (PFOA)	147		-		70-150	-		
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	134		-		55-200	-		
Perfluoroheptanesulfonic Acid (PFHpS)	111		-		65-155	-		
Perfluorononanoic Acid (PFNA)	118		-		70-155	-		
Perfluorooctanesulfonic Acid (PFOS)	104		-		65-160	-		
Perfluorodecanoic Acid (PFDA)	131		-		70-155	-		
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	119		-		70-150	-		
Perfluorononanesulfonic Acid (PFNS)	101		-		55-140	-		
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	125		-		65-155	-		
Perfluoroundecanoic Acid (PFUnA)	126		-		70-155	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03-06,08-12 Batch: WG2189101-3								
Perfluorodecanesulfonic Acid (PFDS)	88		-		40-155	-		
Perfluorooctanesulfonamide (PFOSA)	109		-		70-140	-		
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	102		-		65-165	-		
Perfluorododecanoic Acid (PFDoA)	118		-		70-150	-		
Perfluorotridecanoic Acid (PFTrDA)	97		-		65-150	-		
Perfluorotetradecanoic Acid (PFTeDA)	111		-		65-150	-		
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	116		-		70-145	-		
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	124		-		70-160	-		
Perfluorododecanesulfonic Acid (PFDoS)	62		-		25-160	-		
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	94		-		70-150	-		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	79		-		45-160	-		
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	117		-		70-155	-		
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	123		-		70-140	-		
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	109		-		70-140	-		
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	116		-		70-135	-		
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	118		-		30-140	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03-06,08-12 Batch: WG2189101-3								
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	110		-		60-150	-		
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	88		-		70-140	-		
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	130		-		60-155	-		
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	121		-		45-130	-		
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	126		-		60-130	-		
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	117		-		60-150	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03-06,08-12 Batch: WG2189101-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	82				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	75				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	68				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	71				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	80				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	72				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	55				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	54				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	71				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	76				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	48				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	66				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	69				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	52				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	64				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	49				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	54				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	62				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	42				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	75				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	36				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	31				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	50				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	43				15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

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): 03 Batch: WG2190795-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	132		-		70-140	-		
Perfluoropentanoic Acid (PFPeA)	125		-		60-150	-		
Perfluorobutanesulfonic Acid (PFBS)	126		-		65-145	-		
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	120		-		60-150	-		
Perfluorohexanoic Acid (PFHxA)	108		-		65-140	-		
Perfluoropentanesulfonic Acid (PFPeS)	85		-		55-160	-		
Perfluoroheptanoic Acid (PFHpA)	132		-		65-145	-		
Perfluorohexanesulfonic Acid (PFHxS)	110		-		60-150	-		
Perfluorooctanoic Acid (PFOA)	123		-		70-150	-		
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	96		-		55-200	-		
Perfluoroheptanesulfonic Acid (PFHpS)	111		-		65-155	-		
Perfluorononanoic Acid (PFNA)	126		-		70-155	-		
Perfluorooctanesulfonic Acid (PFOS)	118		-		65-160	-		
Perfluorodecanoic Acid (PFDA)	135		-		70-155	-		
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	105		-		70-150	-		
Perfluorononanesulfonic Acid (PFNS)	107		-		55-140	-		
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	136		-		65-155	-		
Perfluoroundecanoic Acid (PFUnA)	115		-		70-155	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

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): 03 Batch: WG2190795-2 LOW LEVEL								
Perfluorodecanesulfonic Acid (PFDS)	93		-		40-155	-		
Perfluorooctanesulfonamide (PFOSA)	126		-		70-140	-		
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	116		-		65-165	-		
Perfluorododecanoic Acid (PFDoA)	139		-		70-150	-		
Perfluorotridecanoic Acid (PFTrDA)	118		-		65-150	-		
Perfluorotetradecanoic Acid (PFTeDA)	127		-		65-150	-		
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	124		-		70-145	-		
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	144		-		70-160	-		
Perfluorododecanesulfonic Acid (PFDoS)	75		-		25-160	-		
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	115		-		70-150	-		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	90		-		45-160	-		
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	120		-		70-155	-		
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	130		-		70-140	-		
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	126		-		70-140	-		
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	127		-		70-135	-		
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	132		-		30-140	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

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): 03 Batch: WG2190795-2 LOW LEVEL								
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	129		-		60-150	-		
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	104		-		70-140	-		
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	114		-		60-155	-		
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	124		-		45-130	-		
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	**137**	Q	-		60-130	-		
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	112		-		60-150	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

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): 03 Batch: WG2190795-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	86				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	74				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	89				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)	86				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	82				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	91				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	85				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	89				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	85				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	82				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)	85				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)	93				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	65				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	59				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	71				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	49				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	81				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	37				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	34				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	55				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	52				15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 Batch: WG2190795-3								
Perfluorobutanoic Acid (PFBA)	113		-		70-140	-		
Perfluoropentanoic Acid (PFPeA)	110		-		60-150	-		
Perfluorobutanesulfonic Acid (PFBS)	102		-		65-145	-		
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	99		-		60-150	-		
Perfluorohexanoic Acid (PFHxA)	114		-		65-140	-		
Perfluoropentanesulfonic Acid (PFPeS)	127		-		55-160	-		
Perfluoroheptanoic Acid (PFHpA)	112		-		65-145	-		
Perfluorohexanesulfonic Acid (PFHxS)	110		-		60-150	-		
Perfluorooctanoic Acid (PFOA)	109		-		70-150	-		
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	112		-		55-200	-		
Perfluoroheptanesulfonic Acid (PFHpS)	117		-		65-155	-		
Perfluorononanoic Acid (PFNA)	140		-		70-155	-		
Perfluorooctanesulfonic Acid (PFOS)	108		-		65-160	-		
Perfluorodecanoic Acid (PFDA)	130		-		70-155	-		
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	109		-		70-150	-		
Perfluorononanesulfonic Acid (PFNS)	105		-		55-140	-		
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	111		-		65-155	-		
Perfluoroundecanoic Acid (PFUnA)	112		-		70-155	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 Batch: WG2190795-3								
Perfluorodecanesulfonic Acid (PFDS)	101		-		40-155	-		
Perfluorooctanesulfonamide (PFOSA)	111		-		70-140	-		
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	112		-		65-165	-		
Perfluorododecanoic Acid (PFDoA)	118		-		70-150	-		
Perfluorotridecanoic Acid (PFTrDA)	112		-		65-150	-		
Perfluorotetradecanoic Acid (PFTeDA)	123		-		65-150	-		
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	122		-		70-145	-		
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	122		-		70-160	-		
Perfluorododecanesulfonic Acid (PFDoS)	73		-		25-160	-		
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	106		-		70-150	-		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	91		-		45-160	-		
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	126		-		70-155	-		
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	115		-		70-140	-		
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	121		-		70-140	-		
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	124		-		70-135	-		
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	115		-		30-140	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 Batch: WG2190795-3								
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	112		-		60-150	-		
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	122		-		70-140	-		
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	106		-		60-155	-		
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	119		-		45-130	-		
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	120		-		60-130	-		
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	119		-		60-150	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 Batch: WG2190795-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	76				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	59				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	93				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)	70				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	70				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	76				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	70				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	78				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	61				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	69				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	65				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	75				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	53				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	73				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	60				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	51				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	60				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	49				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	63				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	27				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	25				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	49				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	45				15-130

PCBS

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01
Lab Number: L2615324
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-01
Client ID: STOCKPILE-1-COMP
Sample Location: WEST HARRISON
Date Collected: 03/19/26 12:15
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/22/26 17:11
Analyst: AGP
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 03/21/26 11:18
Cleanup Method: EPA 3665A
Cleanup Date: 03/21/26
Cleanup Method: EPA 3660B
Cleanup Date: 03/21/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.9	4.96	1	A
Aroclor 1221	ND		ug/kg	55.9	5.60	1	A
Aroclor 1232	ND		ug/kg	55.9	11.8	1	A
Aroclor 1242	ND		ug/kg	55.9	7.53	1	A
Aroclor 1248	ND		ug/kg	55.9	8.38	1	A
Aroclor 1254	ND		ug/kg	55.9	6.11	1	A
Aroclor 1260	ND		ug/kg	55.9	10.3	1	A
Aroclor 1262	ND		ug/kg	55.9	7.10	1	A
Aroclor 1268	ND		ug/kg	55.9	5.79	1	A
PCBs, Total	ND		ug/kg	55.9	4.96	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01
Lab Number: L2615324
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-02
Client ID: STOCKPILE-2-COMP
Sample Location: WEST HARRISON
Date Collected: 03/19/26 12:35
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/22/26 17:19
Analyst: AGP
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 03/21/26 11:18
Cleanup Method: EPA 3665A
Cleanup Date: 03/21/26
Cleanup Method: EPA 3660B
Cleanup Date: 03/21/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.1	4.89	1	A
Aroclor 1221	ND		ug/kg	55.1	5.52	1	A
Aroclor 1232	ND		ug/kg	55.1	11.7	1	A
Aroclor 1242	ND		ug/kg	55.1	7.43	1	A
Aroclor 1248	ND		ug/kg	55.1	8.27	1	A
Aroclor 1254	ND		ug/kg	55.1	6.03	1	A
Aroclor 1260	ND		ug/kg	55.1	10.2	1	A
Aroclor 1262	ND		ug/kg	55.1	7.00	1	A
Aroclor 1268	ND		ug/kg	55.1	5.71	1	A
PCBs, Total	ND		ug/kg	55.1	4.89	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01
Lab Number: L2615324
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-07
Client ID: IN-SITU-COMP
Sample Location: WEST HARRISON
Date Collected: 03/19/26 14:30
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/22/26 17:27
Analyst: AGP
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 03/21/26 11:18
Cleanup Method: EPA 3665A
Cleanup Date: 03/21/26
Cleanup Method: EPA 3660B
Cleanup Date: 03/21/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.5	4.93	1	A
Aroclor 1221	ND		ug/kg	55.5	5.56	1	A
Aroclor 1232	ND		ug/kg	55.5	11.8	1	A
Aroclor 1242	ND		ug/kg	55.5	7.48	1	A
Aroclor 1248	ND		ug/kg	55.5	8.32	1	A
Aroclor 1254	ND		ug/kg	55.5	6.07	1	A
Aroclor 1260	ND		ug/kg	55.5	10.2	1	A
Aroclor 1262	ND		ug/kg	55.5	7.05	1	A
Aroclor 1268	ND		ug/kg	55.5	5.75	1	A
PCBs, Total	ND		ug/kg	55.5	4.93	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01
Lab Number: L2615324
Report Date: 03/31/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 03/22/26 16:46
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 03/21/26 11:16
Cleanup Method: EPA 3665A
Cleanup Date: 03/21/26
Cleanup Method: EPA 3660B
Cleanup Date: 03/21/26

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-02,07 Batch: WG2187838-1						
Aroclor 1016	ND		ug/kg	49.2	4.37	A
Aroclor 1221	ND		ug/kg	49.2	4.93	A
Aroclor 1232	ND		ug/kg	49.2	10.4	A
Aroclor 1242	ND		ug/kg	49.2	6.63	A
Aroclor 1248	ND		ug/kg	49.2	7.38	A
Aroclor 1254	ND		ug/kg	49.2	5.38	A
Aroclor 1260	ND		ug/kg	49.2	9.09	A
Aroclor 1262	ND		ug/kg	49.2	6.25	A
Aroclor 1268	ND		ug/kg	49.2	5.10	A
PCBs, Total	ND		ug/kg	49.2	4.37	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	81		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-02,07 Batch: WG2187838-2 WG2187838-3									
Aroclor 1016	85		88		40-140	3		50	A
Aroclor 1260	85		88		40-140	3		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		82		30-150	A
Decachlorobiphenyl	73		76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		82		30-150	B
Decachlorobiphenyl	71		74		30-150	B

PESTICIDES

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01
Lab Number: L2615324
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-01
Client ID: STOCKPILE-1-COMP
Sample Location: WEST HARRISON

Date Collected: 03/19/26 12:15
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/22/26 14:58
Analyst: DLP
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 03/21/26 12:35
Cleanup Method: EPA 3620B
Cleanup Date: 03/22/26
Cleanup Method: EPA 3660B
Cleanup Date: 03/22/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.77	0.347	1	A
Lindane	ND		ug/kg	0.738	0.330	1	A
Alpha-BHC	ND		ug/kg	0.738	0.210	1	A
Beta-BHC	ND		ug/kg	1.77	0.672	1	A
Heptachlor	ND		ug/kg	0.886	0.397	1	A
Aldrin	ND		ug/kg	1.77	0.624	1	A
Heptachlor epoxide	ND		ug/kg	3.32	0.997	1	A
Endrin	ND		ug/kg	0.738	0.303	1	A
Endrin aldehyde	ND		ug/kg	2.22	0.775	1	A
Endrin ketone	ND		ug/kg	1.77	0.456	1	A
Dieldrin	ND		ug/kg	1.11	0.554	1	A
4,4'-DDE	ND		ug/kg	1.77	0.410	1	A
4,4'-DDD	ND		ug/kg	1.77	0.632	1	A
4,4'-DDT	ND		ug/kg	1.77	1.42	1	A
Endosulfan I	ND		ug/kg	1.77	0.419	1	A
Endosulfan II	ND		ug/kg	1.77	0.592	1	A
Endosulfan sulfate	ND		ug/kg	0.738	0.352	1	A
Methoxychlor	ND		ug/kg	3.32	1.03	1	A
Toxaphene	ND		ug/kg	33.2	9.30	1	A
cis-Chlordane	ND		ug/kg	2.22	0.617	1	A
trans-Chlordane	ND		ug/kg	2.22	0.585	1	A
Chlordane	ND		ug/kg	14.8	5.87	1	A

Project Name: RYE LAKE WFP
Lab Number: L2615324
Project Number: 41.0162892.01
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-01
Client ID: STOCKPILE-1-COMP
Sample Location: WEST HARRISON
Date Collected: 03/19/26 12:15
Date Received: 03/19/26
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	85		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	99		30-150	B

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01
Lab Number: L2615324
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-02
Client ID: STOCKPILE-2-COMP
Sample Location: WEST HARRISON
Date Collected: 03/19/26 12:35
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/22/26 15:11
Analyst: DLP
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 03/21/26 12:35
Cleanup Method: EPA 3620B
Cleanup Date: 03/22/26
Cleanup Method: EPA 3660B
Cleanup Date: 03/22/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.80	0.353	1	A
Lindane	ND		ug/kg	0.750	0.335	1	A
Alpha-BHC	ND		ug/kg	0.750	0.213	1	A
Beta-BHC	ND		ug/kg	1.80	0.683	1	A
Heptachlor	ND		ug/kg	0.900	0.404	1	A
Aldrin	ND		ug/kg	1.80	0.634	1	A
Heptachlor epoxide	ND		ug/kg	3.38	1.01	1	A
Endrin	ND		ug/kg	0.750	0.308	1	A
Endrin aldehyde	ND		ug/kg	2.25	0.788	1	A
Endrin ketone	ND		ug/kg	1.80	0.464	1	A
Dieldrin	ND		ug/kg	1.12	0.563	1	A
4,4'-DDE	ND		ug/kg	1.80	0.416	1	A
4,4'-DDD	ND		ug/kg	1.80	0.642	1	A
4,4'-DDT	ND		ug/kg	1.80	1.45	1	A
Endosulfan I	ND		ug/kg	1.80	0.425	1	A
Endosulfan II	ND		ug/kg	1.80	0.602	1	A
Endosulfan sulfate	ND		ug/kg	0.750	0.357	1	A
Methoxychlor	ND		ug/kg	3.38	1.05	1	A
Toxaphene	ND		ug/kg	33.8	9.45	1	A
cis-Chlordane	ND		ug/kg	2.25	0.627	1	A
trans-Chlordane	ND		ug/kg	2.25	0.594	1	A
Chlordane	ND		ug/kg	15.0	5.96	1	A

Project Name: RYE LAKE WFP
Lab Number: L2615324
Project Number: 41.0162892.01
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-02
Client ID: STOCKPILE-2-COMP
Sample Location: WEST HARRISON
Date Collected: 03/19/26 12:35
Date Received: 03/19/26
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	93		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	105		30-150	B

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01
Lab Number: L2615324
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-07
Client ID: IN-SITU-COMP
Sample Location: WEST HARRISON
Date Collected: 03/19/26 14:30
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/22/26 15:23
Analyst: DLP
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 03/21/26 12:35
Cleanup Method: EPA 3620B
Cleanup Date: 03/22/26
Cleanup Method: EPA 3660B
Cleanup Date: 03/22/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.84	0.361	1	A
Lindane	ND		ug/kg	0.769	0.344	1	A
Alpha-BHC	ND		ug/kg	0.769	0.218	1	A
Beta-BHC	ND		ug/kg	1.84	0.700	1	A
Heptachlor	ND		ug/kg	0.922	0.414	1	A
Aldrin	ND		ug/kg	1.84	0.650	1	A
Heptachlor epoxide	ND		ug/kg	3.46	1.04	1	A
Endrin	ND		ug/kg	0.769	0.315	1	A
Endrin aldehyde	ND		ug/kg	2.31	0.807	1	A
Endrin ketone	ND		ug/kg	1.84	0.475	1	A
Dieldrin	ND		ug/kg	1.15	0.576	1	A
4,4'-DDE	ND		ug/kg	1.84	0.427	1	A
4,4'-DDD	ND		ug/kg	1.84	0.658	1	A
4,4'-DDT	ND		ug/kg	1.84	1.48	1	A
Endosulfan I	ND		ug/kg	1.84	0.436	1	A
Endosulfan II	ND		ug/kg	1.84	0.616	1	A
Endosulfan sulfate	ND		ug/kg	0.769	0.366	1	A
Methoxychlor	ND		ug/kg	3.46	1.08	1	A
Toxaphene	ND		ug/kg	34.6	9.69	1	A
cis-Chlordane	ND		ug/kg	2.31	0.643	1	A
trans-Chlordane	ND		ug/kg	2.31	0.609	1	A
Chlordane	ND		ug/kg	15.4	6.11	1	A

Project Name: RYE LAKE WFP
Lab Number: L2615324
Project Number: 41.0162892.01
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-07
Client ID: IN-SITU-COMP
Sample Location: WEST HARRISON
Date Collected: 03/19/26 14:30
Date Received: 03/19/26
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	82		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	97		30-150	B

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01
Lab Number: L2615324
Report Date: 03/31/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/22/26 12:53
Analyst: DLP

Extraction Method: EPA 3546
Extraction Date: 03/21/26 12:35
Cleanup Method: EPA 3620B
Cleanup Date: 03/22/26
Cleanup Method: EPA 3660B
Cleanup Date: 03/22/26

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,07 Batch: WG2187851-1						
Delta-BHC	ND		ug/kg	1.53	0.299	A
Lindane	ND		ug/kg	0.636	0.284	A
Alpha-BHC	ND		ug/kg	0.636	0.181	A
Beta-BHC	ND		ug/kg	1.53	0.579	A
Heptachlor	ND		ug/kg	0.764	0.342	A
Aldrin	ND		ug/kg	1.53	0.538	A
Heptachlor epoxide	ND		ug/kg	2.86	0.859	A
Endrin	ND		ug/kg	0.636	0.261	A
Endrin aldehyde	ND		ug/kg	1.91	0.668	A
Endrin ketone	ND		ug/kg	1.53	0.393	A
Dieldrin	ND		ug/kg	0.955	0.477	A
4,4'-DDE	ND		ug/kg	1.53	0.353	A
4,4'-DDD	ND		ug/kg	1.53	0.545	A
4,4'-DDT	ND		ug/kg	1.53	1.23	A
Endosulfan I	ND		ug/kg	1.53	0.361	A
Endosulfan II	ND		ug/kg	1.53	0.510	A
Endosulfan sulfate	ND		ug/kg	0.636	0.303	A
Methoxychlor	ND		ug/kg	2.86	0.891	A
Toxaphene	ND		ug/kg	28.6	8.02	A
cis-Chlordane	ND		ug/kg	1.91	0.532	A
trans-Chlordane	ND		ug/kg	1.91	0.504	A
Chlordane	ND		ug/kg	12.7	5.06	A

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01
Lab Number: L2615324
Report Date: 03/31/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/22/26 12:53
Analyst: DLP

Extraction Method: EPA 3546
Extraction Date: 03/21/26 12:35
Cleanup Method: EPA 3620B
Cleanup Date: 03/22/26
Cleanup Method: EPA 3660B
Cleanup Date: 03/22/26

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,07 Batch: WG2187851-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	90		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,07 Batch: WG2187851-2 WG2187851-3									
Delta-BHC	98		108		30-150	10		30	A
Lindane	94		104		30-150	10		30	A
Alpha-BHC	91		101		30-150	10		30	A
Beta-BHC	106		116		30-150	9		30	A
Heptachlor	91		101		30-150	10		30	A
Aldrin	93		103		30-150	10		30	A
Heptachlor epoxide	77		89		30-150	14		30	A
Endrin	94		105		30-150	11		30	A
Endrin aldehyde	98		112		30-150	13		30	A
Endrin ketone	97		108		30-150	11		30	A
Dieldrin	98		109		30-150	11		30	A
4,4'-DDE	92		103		30-150	11		30	A
4,4'-DDD	96		108		30-150	12		30	A
4,4'-DDT	92		102		30-150	10		30	A
Endosulfan I	90		101		30-150	12		30	A
Endosulfan II	98		109		30-150	11		30	A
Endosulfan sulfate	98		109		30-150	11		30	A
Methoxychlor	87		97		30-150	11		30	A
cis-Chlordane	88		98		30-150	11		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,07 Batch: WG2187851-2 WG2187851-3									
trans-Chlordane	91		101		30-150	10		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		91		30-150	A
Decachlorobiphenyl	74		87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		82		30-150	B
Decachlorobiphenyl	96		103		30-150	B

METALS

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01
Lab Number: L2615324
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-01
Client ID: STOCKPILE-1-COMP
Sample Location: WEST HARRISON
Date Collected: 03/19/26 12:15
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11300		mg/kg	9.10	2.96	2	03/23/26 20:28	03/24/26 13:04	EPA 3050B	1,6010D	MJR
Antimony, Total	ND		mg/kg	4.55	3.50	2	03/23/26 20:28	03/24/26 13:04	EPA 3050B	1,6010D	MJR
Arsenic, Total	1.13		mg/kg	0.910	0.393	2	03/23/26 20:28	03/24/26 13:04	EPA 3050B	1,6010D	MJR
Barium, Total	71.7		mg/kg	0.910	0.096	2	03/23/26 20:28	03/24/26 13:04	EPA 3050B	1,6010D	MJR
Beryllium, Total	0.276	J	mg/kg	0.455	0.050	2	03/23/26 20:28	03/24/26 13:04	EPA 3050B	1,6010D	MJR
Cadmium, Total	0.075	J	mg/kg	0.910	0.050	2	03/23/26 20:28	03/24/26 13:04	EPA 3050B	1,6010D	MJR
Calcium, Total	671		mg/kg	9.10	5.16	2	03/23/26 20:28	03/24/26 13:04	EPA 3050B	1,6010D	MJR
Chromium, Total	23.6		mg/kg	0.910	0.771	2	03/23/26 20:28	03/24/26 13:04	EPA 3050B	1,6010D	MJR
Cobalt, Total	8.05		mg/kg	1.82	0.226	2	03/23/26 20:28	03/24/26 13:04	EPA 3050B	1,6010D	MJR
Copper, Total	18.9		mg/kg	0.910	0.206	2	03/23/26 20:28	03/24/26 13:04	EPA 3050B	1,6010D	MJR
Iron, Total	15700		mg/kg	22.7	7.28	2	03/23/26 20:28	03/24/26 13:04	EPA 3050B	1,6010D	MJR
Lead, Total	6.56		mg/kg	4.55	0.216	2	03/23/26 20:28	03/24/26 13:04	EPA 3050B	1,6010D	MJR
Magnesium, Total	3740		mg/kg	9.10	1.48	2	03/23/26 20:28	03/24/26 13:04	EPA 3050B	1,6010D	MJR
Manganese, Total	287		mg/kg	0.910	0.488	2	03/23/26 20:28	03/24/26 13:04	EPA 3050B	1,6010D	MJR
Mercury, Total	ND		mg/kg	0.081	0.053	1	03/24/26 00:11	03/24/26 10:43	EPA 7471B	1,7471B	RJG
Nickel, Total	16.8		mg/kg	2.27	0.735	2	03/23/26 20:28	03/24/26 13:04	EPA 3050B	1,6010D	MJR
Potassium, Total	1750		mg/kg	227	46.1	2	03/23/26 20:28	03/24/26 13:04	EPA 3050B	1,6010D	MJR
Selenium, Total	ND		mg/kg	1.82	0.299	2	03/23/26 20:28	03/24/26 13:04	EPA 3050B	1,6010D	MJR
Silver, Total	ND		mg/kg	0.455	0.271	2	03/23/26 20:28	03/24/26 13:04	EPA 3050B	1,6010D	MJR
Sodium, Total	ND		mg/kg	182	96.4	2	03/23/26 20:28	03/24/26 13:04	EPA 3050B	1,6010D	MJR
Thallium, Total	ND		mg/kg	1.82	0.820	2	03/23/26 20:28	03/24/26 13:04	EPA 3050B	1,6010D	MJR
Vanadium, Total	30.8		mg/kg	0.910	0.137	2	03/23/26 20:28	03/24/26 13:04	EPA 3050B	1,6010D	MJR
Zinc, Total	39.8		mg/kg	4.55	0.551	2	03/23/26 20:28	03/24/26 13:04	EPA 3050B	1,6010D	MJR

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01
Lab Number: L2615324
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-02
Client ID: STOCKPILE-2-COMP
Sample Location: WEST HARRISON
Date Collected: 03/19/26 12:35
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12300		mg/kg	8.87	2.88	2	03/23/26 20:28	03/24/26 13:06	EPA 3050B	1,6010D	MJR
Antimony, Total	ND		mg/kg	4.43	3.41	2	03/23/26 20:28	03/24/26 13:06	EPA 3050B	1,6010D	MJR
Arsenic, Total	1.38		mg/kg	0.887	0.383	2	03/23/26 20:28	03/24/26 13:06	EPA 3050B	1,6010D	MJR
Barium, Total	81.6		mg/kg	0.887	0.094	2	03/23/26 20:28	03/24/26 13:06	EPA 3050B	1,6010D	MJR
Beryllium, Total	0.254	J	mg/kg	0.443	0.049	2	03/23/26 20:28	03/24/26 13:06	EPA 3050B	1,6010D	MJR
Cadmium, Total	0.070	J	mg/kg	0.887	0.049	2	03/23/26 20:28	03/24/26 13:06	EPA 3050B	1,6010D	MJR
Calcium, Total	950		mg/kg	8.87	5.03	2	03/23/26 20:28	03/24/26 13:06	EPA 3050B	1,6010D	MJR
Chromium, Total	29.4		mg/kg	0.887	0.752	2	03/23/26 20:28	03/24/26 13:06	EPA 3050B	1,6010D	MJR
Cobalt, Total	9.37		mg/kg	1.77	0.220	2	03/23/26 20:28	03/24/26 13:06	EPA 3050B	1,6010D	MJR
Copper, Total	21.0		mg/kg	0.887	0.201	2	03/23/26 20:28	03/24/26 13:06	EPA 3050B	1,6010D	MJR
Iron, Total	17500		mg/kg	22.2	7.10	2	03/23/26 20:28	03/24/26 13:06	EPA 3050B	1,6010D	MJR
Lead, Total	6.20		mg/kg	4.43	0.211	2	03/23/26 20:28	03/24/26 13:06	EPA 3050B	1,6010D	MJR
Magnesium, Total	4680		mg/kg	8.87	1.44	2	03/23/26 20:28	03/24/26 13:06	EPA 3050B	1,6010D	MJR
Manganese, Total	328		mg/kg	0.887	0.475	2	03/23/26 20:28	03/24/26 13:06	EPA 3050B	1,6010D	MJR
Mercury, Total	ND		mg/kg	0.089	0.058	1	03/24/26 00:11	03/24/26 10:46	EPA 7471B	1,7471B	RJG
Nickel, Total	18.8		mg/kg	2.22	0.717	2	03/23/26 20:28	03/24/26 13:06	EPA 3050B	1,6010D	MJR
Potassium, Total	2200		mg/kg	222	45.0	2	03/23/26 20:28	03/24/26 13:06	EPA 3050B	1,6010D	MJR
Selenium, Total	ND		mg/kg	1.77	0.292	2	03/23/26 20:28	03/24/26 13:06	EPA 3050B	1,6010D	MJR
Silver, Total	ND		mg/kg	0.443	0.264	2	03/23/26 20:28	03/24/26 13:06	EPA 3050B	1,6010D	MJR
Sodium, Total	ND		mg/kg	177	94.0	2	03/23/26 20:28	03/24/26 13:06	EPA 3050B	1,6010D	MJR
Thallium, Total	ND		mg/kg	1.77	0.800	2	03/23/26 20:28	03/24/26 13:06	EPA 3050B	1,6010D	MJR
Vanadium, Total	34.7		mg/kg	0.887	0.134	2	03/23/26 20:28	03/24/26 13:06	EPA 3050B	1,6010D	MJR
Zinc, Total	48.8		mg/kg	4.43	0.537	2	03/23/26 20:28	03/24/26 13:06	EPA 3050B	1,6010D	MJR

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01
Lab Number: L2615324
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-07
Client ID: IN-SITU-COMP
Sample Location: WEST HARRISON
Date Collected: 03/19/26 14:30
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11600		mg/kg	9.34	3.04	2	03/23/26 20:28	03/24/26 13:08	EPA 3050B	1,6010D	MJR
Antimony, Total	ND		mg/kg	4.67	3.60	2	03/23/26 20:28	03/24/26 13:08	EPA 3050B	1,6010D	MJR
Arsenic, Total	1.32		mg/kg	0.934	0.404	2	03/23/26 20:28	03/24/26 13:08	EPA 3050B	1,6010D	MJR
Barium, Total	49.2		mg/kg	0.934	0.099	2	03/23/26 20:28	03/24/26 13:08	EPA 3050B	1,6010D	MJR
Beryllium, Total	0.219	J	mg/kg	0.467	0.051	2	03/23/26 20:28	03/24/26 13:08	EPA 3050B	1,6010D	MJR
Cadmium, Total	ND		mg/kg	0.934	0.051	2	03/23/26 20:28	03/24/26 13:08	EPA 3050B	1,6010D	MJR
Calcium, Total	331		mg/kg	9.34	5.30	2	03/23/26 20:28	03/24/26 13:08	EPA 3050B	1,6010D	MJR
Chromium, Total	22.0		mg/kg	0.934	0.792	2	03/23/26 20:28	03/24/26 13:08	EPA 3050B	1,6010D	MJR
Cobalt, Total	5.93		mg/kg	1.87	0.232	2	03/23/26 20:28	03/24/26 13:08	EPA 3050B	1,6010D	MJR
Copper, Total	8.10		mg/kg	0.934	0.212	2	03/23/26 20:28	03/24/26 13:08	EPA 3050B	1,6010D	MJR
Iron, Total	14200		mg/kg	23.4	7.47	2	03/23/26 20:28	03/24/26 13:08	EPA 3050B	1,6010D	MJR
Lead, Total	6.03		mg/kg	4.67	0.222	2	03/23/26 20:28	03/24/26 13:08	EPA 3050B	1,6010D	MJR
Magnesium, Total	3120		mg/kg	9.34	1.52	2	03/23/26 20:28	03/24/26 13:08	EPA 3050B	1,6010D	MJR
Manganese, Total	177		mg/kg	0.934	0.501	2	03/23/26 20:28	03/24/26 13:08	EPA 3050B	1,6010D	MJR
Mercury, Total	ND		mg/kg	0.090	0.059	1	03/24/26 00:11	03/24/26 10:50	EPA 7471B	1,7471B	RJG
Nickel, Total	13.0		mg/kg	2.34	0.755	2	03/23/26 20:28	03/24/26 13:08	EPA 3050B	1,6010D	MJR
Potassium, Total	539		mg/kg	234	47.4	2	03/23/26 20:28	03/24/26 13:08	EPA 3050B	1,6010D	MJR
Selenium, Total	ND		mg/kg	1.87	0.307	2	03/23/26 20:28	03/24/26 13:08	EPA 3050B	1,6010D	MJR
Silver, Total	ND		mg/kg	0.467	0.278	2	03/23/26 20:28	03/24/26 13:08	EPA 3050B	1,6010D	MJR
Sodium, Total	ND		mg/kg	187	99.0	2	03/23/26 20:28	03/24/26 13:08	EPA 3050B	1,6010D	MJR
Thallium, Total	ND		mg/kg	1.87	0.842	2	03/23/26 20:28	03/24/26 13:08	EPA 3050B	1,6010D	MJR
Vanadium, Total	25.7		mg/kg	0.934	0.141	2	03/23/26 20:28	03/24/26 13:08	EPA 3050B	1,6010D	MJR
Zinc, Total	46.4		mg/kg	4.67	0.566	2	03/23/26 20:28	03/24/26 13:08	EPA 3050B	1,6010D	MJR

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01
Lab Number: L2615324
Report Date: 03/31/26

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): 01-02,07 Batch: WG2188536-1										
Aluminum, Total	ND		mg/kg	4.00	1.30	1	03/23/26 20:28	03/24/26 11:48	1,6010D	MJR
Antimony, Total	ND		mg/kg	2.00	1.54	1	03/23/26 20:28	03/24/26 11:48	1,6010D	MJR
Arsenic, Total	ND		mg/kg	0.400	0.173	1	03/23/26 20:28	03/24/26 11:48	1,6010D	MJR
Barium, Total	ND		mg/kg	0.400	0.042	1	03/23/26 20:28	03/24/26 11:48	1,6010D	MJR
Beryllium, Total	ND		mg/kg	0.200	0.022	1	03/23/26 20:28	03/24/26 11:48	1,6010D	MJR
Cadmium, Total	ND		mg/kg	0.400	0.022	1	03/23/26 20:28	03/24/26 11:48	1,6010D	MJR
Calcium, Total	ND		mg/kg	4.00	2.27	1	03/23/26 20:28	03/24/26 11:48	1,6010D	MJR
Chromium, Total	ND		mg/kg	0.400	0.339	1	03/23/26 20:28	03/24/26 11:48	1,6010D	MJR
Cobalt, Total	ND		mg/kg	0.800	0.099	1	03/23/26 20:28	03/24/26 11:48	1,6010D	MJR
Copper, Total	ND		mg/kg	0.400	0.091	1	03/23/26 20:28	03/24/26 11:48	1,6010D	MJR
Iron, Total	ND		mg/kg	10.0	3.20	1	03/23/26 20:28	03/24/26 11:48	1,6010D	MJR
Lead, Total	ND		mg/kg	2.00	0.095	1	03/23/26 20:28	03/24/26 11:48	1,6010D	MJR
Magnesium, Total	ND		mg/kg	4.00	0.652	1	03/23/26 20:28	03/24/26 11:48	1,6010D	MJR
Manganese, Total	ND		mg/kg	0.400	0.214	1	03/23/26 20:28	03/24/26 11:48	1,6010D	MJR
Nickel, Total	ND		mg/kg	1.00	0.323	1	03/23/26 20:28	03/24/26 11:48	1,6010D	MJR
Potassium, Total	ND		mg/kg	100	20.3	1	03/23/26 20:28	03/24/26 11:48	1,6010D	MJR
Selenium, Total	ND		mg/kg	0.800	0.132	1	03/23/26 20:28	03/24/26 11:48	1,6010D	MJR
Silver, Total	ND		mg/kg	0.200	0.119	1	03/23/26 20:28	03/24/26 11:48	1,6010D	MJR
Sodium, Total	ND		mg/kg	80.0	42.4	1	03/23/26 20:28	03/24/26 11:48	1,6010D	MJR
Thallium, Total	ND		mg/kg	0.800	0.361	1	03/23/26 20:28	03/24/26 11:48	1,6010D	MJR
Vanadium, Total	ND		mg/kg	0.400	0.060	1	03/23/26 20:28	03/24/26 11:48	1,6010D	MJR
Zinc, Total	ND		mg/kg	2.00	0.242	1	03/23/26 20:28	03/24/26 11:48	1,6010D	MJR

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): 01-02,07 Batch: WG2188540-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	03/24/26 00:11	03/24/26 09:57	1,7471B	RJG

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01
Lab Number: L2615324
Report Date: 03/31/26

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis
Batch Quality Control

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,07 Batch: WG2188536-2								
Aluminum, Total	99		-		80-120	-		20
Antimony, Total	94		-		80-120	-		20
Arsenic, Total	90		-		80-120	-		20
Barium, Total	96		-		80-120	-		20
Beryllium, Total	94		-		80-120	-		20
Cadmium, Total	92		-		80-120	-		20
Calcium, Total	96		-		80-120	-		20
Chromium, Total	93		-		80-120	-		20
Cobalt, Total	92		-		80-120	-		20
Copper, Total	92		-		80-120	-		20
Iron, Total	98		-		80-120	-		20
Lead, Total	92		-		80-120	-		20
Magnesium, Total	92		-		80-120	-		20
Manganese, Total	94		-		80-120	-		20
Nickel, Total	94		-		80-120	-		20
Potassium, Total	99		-		80-120	-		20
Selenium, Total	92		-		80-120	-		20
Silver, Total	100		-		80-120	-		20
Sodium, Total	100		-		80-120	-		20
Thallium, Total	90		-		80-120	-		20
Vanadium, Total	94		-		80-120	-		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,07 Batch: WG2188536-2					
Zinc, Total	94	-	80-120	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-02,07 Batch: WG2188540-2					
Mercury, Total	98	-	80-120	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

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): 01-02,07 QC Batch ID: WG2188536-3 QC Sample: L2615264-53 Client ID: MS Sample												
Aluminum, Total	5760	180	5670	**0**	Q	-	-		75-125	-		
Antimony, Total	ND	44.9	21.2	**47**	Q	-	-		75-125	-		
Arsenic, Total	3.46	10.8	12.9	88		-	-		75-125	-		
Barium, Total	90.9	180	252	90		-	-		75-125	-		
Beryllium, Total	0.194J	4.49	4.34	96		-	-		75-125	-		
Cadmium, Total	0.579J	4.76	5.18	109		-	-		75-125	-		
Calcium, Total	7320	899	7040	**0**	Q	-	-		75-125	-		
Chromium, Total	25.7	18	37.9	**68**	Q	-	-		75-125	-		
Cobalt, Total	5.36	44.9	45.6	90		-	-		75-125	-		
Copper, Total	62.7	22.5	66.3	**16**	Q	-	-		75-125	-		
Iron, Total	13500	89.9	13100	**0**	Q	-	-		75-125	-		
Lead, Total	424	47.6	354	**0**	Q	-	-		75-125	-		
Magnesium, Total	3720	899	3130	**0**	Q	-	-		75-125	-		
Manganese, Total	187	44.9	241	120		-	-		75-125	-		
Nickel, Total	19.8	44.9	58.8	87		-	-		75-125	-		
Potassium, Total	1140	899	1910	86		-	-		75-125	-		
Selenium, Total	0.417J	10.8	9.67	90		-	-		75-125	-		
Silver, Total	0.450	4.49	4.70	94		-	-		75-125	-		
Sodium, Total	119J	899	1010	112		-	-		75-125	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

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): 01-02,07 QC Batch ID: WG2188536-3 QC Sample: L2615264-53 Client ID: MS Sample												
Thallium, Total	ND	10.8	9.62	89		-	-		75-125	-		
Vanadium, Total	33.4	44.9	71.6	85		-	-		75-125	-		
Zinc, Total	145	44.9	176	**69**	Q	-	-		75-125	-		
Total Metals - Mansfield Lab Associated sample(s): 01-02,07 QC Batch ID: WG2188540-3 QC Sample: L2615264-53 Client ID: MS Sample												
Mercury, Total	0.367	1.57	1.69	84		-	-		80-120	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,07 QC Batch ID: WG2188536-4 QC Sample: L2615264-53 Client ID: DUP Sample						
Aluminum, Total	5760	5260	mg/kg	9		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	3.46	3.26	mg/kg	6		20
Barium, Total	90.9	68.7	mg/kg	**28**	Q	20
Beryllium, Total	0.194J	0.169J	mg/kg	NC		20
Cadmium, Total	0.579J	0.446J	mg/kg	NC		20
Calcium, Total	7320	7110	mg/kg	3		20
Chromium, Total	25.7	21.2	mg/kg	19		20
Cobalt, Total	5.36	5.80	mg/kg	8		20
Copper, Total	62.7	59.0	mg/kg	6		20
Iron, Total	13500	18700	mg/kg	**32**	Q	20
Lead, Total	424	192	mg/kg	**75**	Q	20
Magnesium, Total	3720	3010	mg/kg	**21**	Q	20
Manganese, Total	187	247	mg/kg	**28**	Q	20
Nickel, Total	19.8	19.1	mg/kg	4		20
Potassium, Total	1140	1070	mg/kg	6		20
Selenium, Total	0.417J	ND	mg/kg	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: RYE LAKE WFP

Project Number: 41.0162892.01

Lab Number: L2615324

Report Date: 03/31/26

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,07 QC Batch ID: WG2188536-4 QC Sample: L2615264-53 Client ID: DUP Sample						
Silver, Total	0.450	ND	mg/kg	NC		20
Sodium, Total	119J	138J	mg/kg	NC		20
Thallium, Total	ND	ND	mg/kg	NC		20
Vanadium, Total	33.4	26.7	mg/kg	**22**	Q	20
Zinc, Total	145	158	mg/kg	9		20
Total Metals - Mansfield Lab Associated sample(s): 01-02,07 QC Batch ID: WG2188540-4 QC Sample: L2615264-53 Client ID: DUP Sample						
Mercury, Total	0.367	0.349	mg/kg	5		20

INORGANICS
&
MISCELLANEOUS

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-01
Client ID: STOCKPILE-1-COMP
Sample Location: WEST HARRISON

Date Collected: 03/19/26 12:15
Date Received: 03/19/26
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	86.3		%	0.100	NA	1	-	03/21/26 00:49	121,2540G	JMN

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-02
Client ID: STOCKPILE-2-COMP
Sample Location: WEST HARRISON

Date Collected: 03/19/26 12:35
Date Received: 03/19/26
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	87.4		%	0.100	NA	1	-	03/21/26 00:49	121,2540G	JMN

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-03
Client ID: STOCKPILE-1
Sample Location: WEST HARRISON

Date Collected: 03/19/26 12:55
Date Received: 03/19/26
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	85.7		%	0.100	NA	1	-	03/21/26 00:49	121,2540G	JMN

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-04
Client ID: STOCKPILE-2
Sample Location: WEST HARRISON

Date Collected: 03/19/26 13:00
Date Received: 03/19/26
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	83.2		%	0.100	NA	1	-	03/21/26 00:49	121,2540G	JMN

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-05
Client ID: STOCKPILE-3
Sample Location: WEST HARRISON

Date Collected: 03/19/26 13:05
Date Received: 03/19/26
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	86.8		%	0.100	NA	1	-	03/21/26 02:12	121,2540G	JMN

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-06
Client ID: STOCKPILE-4
Sample Location: WEST HARRISON

Date Collected: 03/19/26 13:10
Date Received: 03/19/26
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	83.8		%	0.100	NA	1	-	03/21/26 02:12	121,2540G	JMN

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-07
Client ID: IN-SITU-COMP
Sample Location: WEST HARRISON

Date Collected: 03/19/26 14:30
Date Received: 03/19/26
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	82.8		%	0.100	NA	1	-	03/21/26 02:12	121,2540G	JMN

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-08
Client ID: IN-SITU-1
Sample Location: WEST HARRISON

Date Collected: 03/19/26 13:45
Date Received: 03/19/26
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	82.1		%	0.100	NA	1	-	03/21/26 02:12	121,2540G	JMN

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-09
Client ID: IN-SITU-2
Sample Location: WEST HARRISON

Date Collected: 03/19/26 13:50
Date Received: 03/19/26
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	79.7		%	0.100	NA	1	-	03/21/26 02:12	121,2540G	JMN

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-10
Client ID: IN-SITU-3
Sample Location: WEST HARRISON

Date Collected: 03/19/26 14:00
Date Received: 03/19/26
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	82.6		%	0.100	NA	1	-	03/21/26 02:12	121,2540G	JMN

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-11
Client ID: IN-SITU-4
Sample Location: WEST HARRISON

Date Collected: 03/19/26 14:05
Date Received: 03/19/26
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	84.8		%	0.100	NA	1	-	03/21/26 02:12	121,2540G	JMN

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

SAMPLE RESULTS

Lab ID: L2615324-12
Client ID: IN-SITU-5
Sample Location: WEST HARRISON

Date Collected: 03/19/26 14:15
Date Received: 03/19/26
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	88.0		%	0.100	NA	1	-	03/21/26 02:12	121,2540G	JMN

Lab Duplicate Analysis

Batch Quality Control

Project Name: RYE LAKE WFP

Project Number: 41.0162892.01

Lab Number: L2615324

Report Date: 03/31/26

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG2187744-1 QC Sample: L2615324-01 Client ID: STOCKPILE-1-COMP						
Solids, Total	86.3	86.3	%	0		10
General Chemistry - Westborough Lab Associated sample(s): 05-12 QC Batch ID: WG2187759-1 QC Sample: L2615264-01 Client ID: DUP Sample						
Solids, Total	89.9	89.0	%	1		10

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2615324-01A	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),MG-TI(180),HG-T(28),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2615324-01B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(365)
L2615324-02A	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),ZN-TI(180),SE-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),NA-TI(180),CD-TI(180),K-TI(180),CA-TI(180)
L2615324-02B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(365)
L2615324-03A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2615324-03B	Vial water preserved	NA	NA			Y	Absent	20-MAR-26 20:05	NYTCL-8260HLW(14)
L2615324-03C	Vial water preserved	NA	NA			Y	Absent	20-MAR-26 20:05	NYTCL-8260HLW(14)
L2615324-03D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2615324-03E	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2615324-03F	Plastic 90mL Unpreserved for PFAS	NA	NA			Y	Absent		A2-NY-1633(90)
L2615324-04A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2615324-04B	Vial water preserved	NA	NA			Y	Absent	20-MAR-26 20:05	NYTCL-8260HLW(14)
L2615324-04C	Vial water preserved	NA	NA			Y	Absent	20-MAR-26 20:05	NYTCL-8260HLW(14)
L2615324-04D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2615324-04E	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2615324-04F	Plastic 90mL Unpreserved for PFAS	NA	NA			Y	Absent		A2-NY-1633(90)
L2615324-05A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2615324-05B	Vial water preserved	NA	NA			Y	Absent	20-MAR-26 20:05	NYTCL-8260HLW(14)
L2615324-05C	Vial water preserved	NA	NA			Y	Absent	20-MAR-26 20:05	NYTCL-8260HLW(14)
L2615324-05D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2615324-05E	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2615324-05F	Plastic 90mL Unpreserved for PFAS	NA	NA			Y	Absent		A2-NY-1633(90)
L2615324-06A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2615324-06B	Vial water preserved	NA	NA			Y	Absent	20-MAR-26 20:05	NYTCL-8260HLW(14)
L2615324-06C	Vial water preserved	NA	NA			Y	Absent	20-MAR-26 20:05	NYTCL-8260HLW(14)
L2615324-06D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2615324-06E	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2615324-06F	Plastic 90mL Unpreserved for PFAS	NA	NA			Y	Absent		A2-NY-1633(90)
L2615324-07A	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MN-TI(180),MG-TI(180),FE-TI(180),HG-T(28),CD-TI(180),NA-TI(180),K-TI(180),CA-TI(180)
L2615324-07B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(365)
L2615324-08A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2615324-08B	Vial water preserved	NA	NA			Y	Absent	20-MAR-26 20:05	NYTCL-8260HLW(14)
L2615324-08C	Vial water preserved	NA	NA			Y	Absent	20-MAR-26 20:05	NYTCL-8260HLW(14)
L2615324-08D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2615324-08E	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2615324-08F	Plastic 90mL Unpreserved for PFAS	NA	NA			Y	Absent		A2-NY-1633(90)
L2615324-09A	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2615324-09B	Plastic 90mL Unpreserved for PFAS	NA	NA			Y	Absent		A2-NY-1633(90)

*Values in parentheses indicate holding time in days

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2615324-10A	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2615324-10B	Plastic 90mL Unpreserved for PFAS	NA	NA			Y	Absent		A2-NY-1633(90)
L2615324-11A	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2615324-11B	Plastic 90mL Unpreserved for PFAS	NA	NA			Y	Absent		A2-NY-1633(90)
L2615324-12A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2615324-12B	Vial water preserved	NA	NA			Y	Absent	20-MAR-26 20:05	NYTCL-8260HLW(14)
L2615324-12C	Vial water preserved	NA	NA			Y	Absent	20-MAR-26 20:05	NYTCL-8260HLW(14)
L2615324-12D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2615324-12E	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2615324-12F	Plastic 90mL Unpreserved for PFAS	NA	NA			Y	Absent		A2-NY-1633(90)
L2615324-13A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2615324-13B	Vial water preserved	NA	NA			Y	Absent	20-MAR-26 20:05	NYTCL-8260HLW(14)
L2615324-13C	Vial water preserved	NA	NA			Y	Absent	20-MAR-26 20:05	NYTCL-8260HLW(14)
L2615324-14A	Plastic 250ml unpreserved	NA	NA			Y	Absent		A2-NY-1633(28)

*Values in parentheses indicate holding time in days

Project Name: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

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: RYE LAKE WFP
Project Number: 41.0162892.01

Lab Number: L2615324
Report Date: 03/31/26

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:	RYE LAKE WFP	**Lab Number:**	L2615324
Project Number:	41.0162892.01	**Report Date:**	03/31/26

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:	RYE LAKE WFP	**Lab Number:**	L2615324
Project Number:	41.0162892.01	**Report Date:**	03/31/26

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:	RYE LAKE WFP	**Lab Number:**	L2615324
Project Number:	41.0162892.01	**Report Date:**	03/31/26

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: RYE LAKE WFP
Project Number: 41.0162892.01
Lab Number: L2615324
Report Date: 03/31/26

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 v02 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 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.

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 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-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.**

ENV-FORM-WES2-0065 v02 Certificate/Approval Program Summary

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

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, ASTM D516, 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, ASTMD516, 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 (DW) 25700, 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, 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

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

NEW YORK CHAIN OF CUSTODY

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 2

Date Rec'd in Lab: 3/20/26

Pace Job #: 12615324

Client Information
Client: GZA GeoEnvironmental of NY
Address: 104 W 29th Street 10Fl, NY 10001
Phone: 212-594-8140
Fax: N/A
Email: Zachary.Landis@GZA.com

Project Information
Project Name: Rye Lake WFP
Project Location: West Harrison
Project # 41.0162892.01 (Use Project name as Project #) ☐
Project Manager: Zach Landis
PACE Quote #: 00206615

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 → NYSDEC Format

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

Billing Information
☑ Same as Client Info
PO #

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)

PACE Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL SVOCs	TAL Metals	TCL Pesticides	PCBs	TCL VOCs	PFAS			Sample Specific Comments	Total Bottle
15324-01	Stockpile-1-comp	3/19/26	1215	Soil	YM	✓	✓	✓	✓						6 2
-02	Stockpile-2-comp		1235			✓	✓	✓	✓						6 2
-03	Stockpile-1		1255							✓	✓				6
-04	Stockpile-2		1300							✓	✓				6
-05	Stockpile-3		1305							✓	✓				6
-06	Stockpile-4		1310							✓	✓				6
-07	In-Situ-comp		1430			✓	✓	✓	✓						2
-08	In-Situ-1		1345							✓	✓				6
-09	In-Situ-2		1350								✓				2
-10	In-Situ-3		1400								✓				2
	Container Type					A	A	A	A	V	P				
	Preservative					A	A	A	A	None Thiosulfate	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
Yunmee Han / GZA	3/19/26 1450	GJAC PACE	3/19/26 14:50
GJAC	3/19/26 17:24	NJSCSS	3/19/26 17:24
NJSCSS	3/19/26 17:24	PACE	3/19 18:35
PACE	3/19		3/19 2200
	3/20 100		05/20/26 01:00

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)

Pace Analytical Services	NEW YORK CHAIN OF CUSTODY	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 2 of 2	Date Rec'd in Lab 3/20/26	Pace Job # L2615324

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

Client Information

Client: G2A
Address: See page 1
Phone:
Fax:
Email:

Project Information

Project Name:
Project Location: See Page 1
Project #
(Use Project name as Project #) ☐
Project Manager:
PACE Quote #:

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 NYSDEC format

Regulatory Requirement

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

Billing information

☑ Same as Client Info
PO #

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.

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

PACE Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL SVOCs	TAL Metals	TCL Pesticides	PCBs	TCL VOCs	PFAS			Sample Specific Comments	Total Bottles
~~15324-01~~ -11	In-Situ-4	3/19/26	1405	Soil	YH						✓				2
15324-12	In-Situ-5	3/19/26	1415	Soil	YH					✓	✓				6
-13	Trip Blank-03192026	—	—	—	—					✓					3
-14	PFAS Blank-03192026	3/19/26	1435	DI	YH						✓				1
~~MSP -15~~															
~~MSF -16~~															
					Container Type	A	A	A	A	V	P				
					Preservative	A	A	A	A	Pre Frozen	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
Yunmei Han/G2A	3/19/26 1450	GJAC PACE	3/19/26 14:50
GJAC	3/19/26 17:24	NJSCSS	3/19/26 17:24
NJSCSS	3/19/26 17:24	[signature] Pace	3/19 18:38
[signature] Pace	3/19	[signature]	3/19 2200
[signature]	3/20 100	[signature]	03/20/26 01:00

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 : L2615324

Account Name : GZA GeoEnvironmental, Inc.
Project Number : 41.0162892.01
Project Name : RYE LAKE WFP

Received : 19-MAR-2026
Reviewer : Malik Rouse

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	3.7	
B	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**