



November 20, 2024

Mayor Dan O'Leary and City Council  
City of Sunfish Lake  
Sunfish Lake, MN 55077

**Re: 2024 City of Sunfish Lake PFAS Study**

Dear Mr. O'Leary:

WSB was contracted by the City of Sunfish Lake to provide information to the community on the concentration of Per- and Polyfluoroalkyl substances (PFAS). PFAS can be found in consumer industrial products dating back as far as 1940. This includes cleaning products, non-stick cookware and water-resistant fabrics. Due to the very slow breakdown of PFAS chemicals in the environment, they are often referred to as "forever chemicals." PFAS exposure has been linked to certain cancers, endocrine disruptions, and immune system suppression.

### **PFAS Sampling Methodologies**

WSB completed PFAS sampling on August 8, 2024 in general accordance with the "2022 MPCA Guidance for Per- and Polyfluoroalkyl substances (PFAS): Sampling" and "Great Lakes Consortium for Fish Consumption Advisories- Best Practice for Perfluorooctane Sulfonate (PFOS) Guidelines".

Two water samples were collected as surface samples from each lake, one sample per half of lake. Water sample locations can be found in the **Figures** portion of this report. Fish were collected via electrofishing methods and edible portions of the fish were tested for PFAS. At Hornbeam Lake, two composite samples consisting of three bluegill sunfish each and one yellow perch were tested. At Sunfish Lake, two composite samples of three bluegill sunfish each and one largemouth bass were tested. At Horseshoe Lake, two composite samples of 3 black bullheads each and one largemouth bass were tested.

### **PFAS Sampling Results**

The PFAS analytical testing results can be found in the **Figures**. The full Pace analytical reports are also attached.

### **Fish Sampling Results**

- 96% percent of tested analytes were below the laboratory's method detection limit.
- Fish species, size structure, and Perfluorooctane sulfonic acid (PFOS) results can be found in **Table 1**.
- Level of PFOS in fish for safe meal frequency per The Great Lakes Consortium for Fish Consumption Advisories can be found in **Table 2**.

**Table1**

| Lake            | Hornbeam           |                    |              | Sunfish            |                    |                 | Horseshoe                |                          |                 |
|-----------------|--------------------|--------------------|--------------|--------------------|--------------------|-----------------|--------------------------|--------------------------|-----------------|
| Species         | Bluegill Composite | Bluegill Composite | Yellow Perch | Bluegill Composite | Bluegill Composite | Largemouth Bass | Black Bullhead Composite | Black Bullhead Composite | Largemouth Bass |
| Length (inches) | 4                  | 4                  | 11           | 5                  | 5                  | 15              | 5                        | 4                        | 8               |
| PFOS (ug/kg)    | 3.2                | 3.5                | 4.3          | 3.6                | 3.4                | 8.0             | 0.3                      | 1.0                      | 3.5             |

**Table 2**

| PFOS in Fish (ug/kg) | Meal Frequency |
|----------------------|----------------|
| >10                  | Unrestricted   |
| >10-20               | 2 meals/week   |
| >20-50               | 1 meal/week    |
| >50-200              | 1 meal/month   |
| >200                 | DO NOT EAT     |

**Water Sample Results**

- 79% percent of tested analytes were below the laboratory's method detection limit.
- Currently there are no state-wide standards for PFAS for Minnesota waterbodies.
- Between the 3 lakes, Sunfish Lake had the highest concentration of PFOS, which was 1.0 ng/L. For reference, Minnesota Pollution Control Water sampling in 2018 at Bde Maka Ska had a mean PFOS water concentration of 12.0 ng/L and Lake Elmo had a mean water concentration of 44.3 ng/L in 2020.
- PFOS concentrations can be found in **Table 3**.

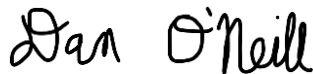
**Table 3**

| Lake        | Hornbeam 1 | Hornbeam 2 | Sunfish 1 | Sunfish 2 | Horseshoe 1 | Horseshoe 2 |
|-------------|------------|------------|-----------|-----------|-------------|-------------|
| PFOS (ng/L) | 0.91 J     | 0.93 J     | 1.0 J     | 1.0       | <0.18       | <0.18       |

< - Analyte not detected greater than or equal to laboratory reporting limit

J – Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit

Sincerely,  
Dan O'Neill



WSB

Figures:

- Sample Locations
- Results Spreadsheet
- Pace Reports

| WSB                                                                   |            |            |           |           |             |             |
|-----------------------------------------------------------------------|------------|------------|-----------|-----------|-------------|-------------|
| Sample ID                                                             | Hornbeam 1 | Hornbeam 2 | Sunfish 1 | Sunfish 2 | Horseshoe 1 | Horseshoe 2 |
| Sample Date                                                           | 8/21/2024  | 8/21/2024  | 8/21/2024 | 8/21/2024 | 8/21/2024   | 8/21/2024   |
| PFAS Compound                                                         |            |            |           |           |             |             |
| 11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11CI-PF3OUdS)    | <0.78      | <0.78      | <0.81     | <0.78     | <0.80       | <0.79       |
| 4:2 Fluorotelomer sulfonic acid (4:2 FTS)                             | <0.49      | <0.48      | <0.50     | <0.48     | <0.50       | <0.49       |
| 6:2-fluorotelomersulfonic acid (6:2-FTS)                              | <0.98      | <0.98      | <1.0      | <0.98     | <1.0        | <0.99       |
| 8:2 fluorotelomer sulfonic acid (8:2 FTS)                             | <1.1       | <1.1       | <1.1      | <1.0      | <1.1        | <1.1        |
| Potassium 9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9CI-PF3ONS) | <0.83      | <0.82      | <0.85     | <0.82     | <0.85       | <0.84       |
| Hexafluoropropylene oxide dimer acid (HFPO-DA)                        | <0.78      | <0.78      | <0.81     | <0.78     | <0.80       | <0.79       |
| N-ethyl perfluorooctanesulfonamide (NEtFOSA)                          | <0.26      | <0.26      | <0.27     | <0.26     | <0.26       | <0.26       |
| N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)              | <0.35      | <0.35      | <0.36     | <0.35     | <0.36       | <0.35       |
| N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)                   | <3.2       | <3.2       | <3.3      | <3.2      | <3.3        | <3.3        |
| N-methyl perfluorooctanesulfonamide (NMeFOSA)                         | <0.27      | <0.27      | <0.28     | <0.27     | <0.27       | <0.27       |
| N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)             | <0.32      | <0.32      | <0.33     | <0.32     | <0.33       | <0.32       |
| Perfluorobutanoic acid (PFBA)                                         | 28.9       | 27.2       | 137.0     | 139.0     | 60.9        | 58.9        |
| Perfluorobutanesulfonic acid (PFBS)                                   | 1.30       | 1.30       | 1.50      | 1.40      | 1.20        | 1.10        |
| Perfluorodecanoic acid (PFDA)                                         | <0.18      | <0.18      | <0.18     | <0.18     | <0.18       | <0.18       |
| Perfluorodecanesulfonic acid (PFDS)                                   | <0.27      | <0.27      | <0.27     | <0.26     | <0.27       | <0.27       |
| Perfluorododecanoic acid (PFDoA)                                      | <0.22      | <0.22      | <0.23     | <0.22     | <0.23       | <0.23       |
| Perfluorododecanesulfonic acid (PFDoS)                                | <0.28      | <0.28      | <0.29     | <0.28     | <0.29       | <0.28       |
| Perfluoroheptanoic acid (PFHpA)                                       | 1.30       | 1.20       | 2.00      | 1.90      | 1.40        | 1.50        |
| Perfluoroheptanesulfonic acid (PFHpS)                                 | <0.24      | <0.24      | <0.25     | <0.24     | <0.25       | <0.24       |
| Perfluorohexanoic acid (PFHxA)                                        | 1.70       | 1.90       | 8.30      | 8.30      | 2.60        | 2.70        |
| Perfluorohexanesulfonic acid (PFHxS)                                  | 0.47 J     | 0.45 J     | 1.10      | 1.10      | 0.36 J      | 0.30 J      |
| Perfluorononanoic acid (PFNA)                                         | 0.42 J     | 0.38 J     | 0.61 J    | 0.58 J    | 0.31 J      | 0.34 J      |
| Perfluorononanesulfonic acid (PFNS)                                   | <0.24      | <0.24      | <0.25     | <0.24     | <0.25       | <0.25       |
| Perfluorooctanoic acid (PFOA)                                         | 2.60       | 2.60       | 7.00      | 6.90      | 2.90        | 2.70        |
| Perfluorooctane sulfonic acid (PFOS)                                  | 0.91 J     | 0.93 J     | 1.0 J     | 1.0       | <0.18       | <0.18       |
| Perfluoropentanoic acid (PFPeA)                                       | 2.60       | 2.40       | 9.30      | 9.80      | 5.00        | 4.50        |
| Perfluoropentansulfonic acid (PFPeS)                                  | <0.18      | <0.18      | <0.19     | 0.24 J    | <0.19       | <0.19       |
| Perfluorotetradecanoic acid (PFTeDA)                                  | <0.29      | <0.29      | <0.30     | <0.28     | <0.29       | <0.29       |
| Perfluorotridecanoic acid (PFTrDA)                                    | <0.20      | <0.20      | <0.20     | <0.20     | <0.20       | <0.20       |
| Perfluoroundecanoic acid (PFUnA)                                      | <0.25      | <0.25      | <0.26     | <0.25     | <0.26       | <0.26       |

\*All units in ng/L

< - Analyte not detected greater than or equal to laboratory reporting limit

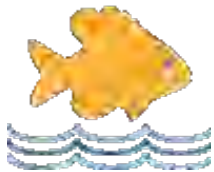
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

| WSB                                                                   |                         |                         |                 |                         |                         |                    |                               |                               |                    |
|-----------------------------------------------------------------------|-------------------------|-------------------------|-----------------|-------------------------|-------------------------|--------------------|-------------------------------|-------------------------------|--------------------|
| Lake                                                                  | Hornbeam Lake           |                         |                 | Sunfish Lake            |                         |                    | Horseshoe Lake                |                               |                    |
| Fish Specie                                                           | Bluegill<br>Composite 1 | Bluegill<br>Composite 2 | Yellow<br>Perch | Bluegill<br>Composite 1 | Bluegill<br>Composite 2 | Largemouth<br>Bass | Black Bullhead<br>Composite 1 | Black Bullhead<br>Composite 1 | Largemouth<br>Bass |
| Sample Date                                                           | 8/21/2024               | 8/21/2024               | 8/21/2024       | 8/21/2024               | 8/21/2024               | 8/21/2024          | 8/21/2024                     | 8/21/2024                     | 8/21/2024          |
| <b>PFAS Compound</b>                                                  |                         |                         |                 |                         |                         |                    |                               |                               |                    |
| 11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11CI-PF3OUdS)    | <0.57                   | <0.56                   | <0.57           | <0.58                   | <0.57                   | <0.57              | <0.57                         | <0.58                         | <0.56              |
| 3-Perfluoropropyl Propanoic acid (3:3 FTCA)                           | <1.1                    | <1.1                    | <1.1            | <1.1                    | <1.1                    | <1.1               | <1.1                          | <1.1                          | <1.1               |
| 4:2 Fluorotelomer sulfonic acid (4:2 FTS)                             | <0.30                   | <0.29                   | <0.29           | <0.30                   | <0.30                   | <0.30              | <0.30                         | <0.30                         | <0.29              |
| 5:3 Fluorotelomer carboxylic acid (5:3 FTCA)                          | <2.0                    | <1.9                    | <1.9            | <2.0                    | <1.9                    | <1.9               | <1.9                          | <2.0                          | <1.9               |
| 6:2-fluorotelomersulfonic acid (6:2-FTS)                              | <0.35                   | <0.34                   | <0.35           | <0.36                   | <0.35                   | <0.35              | <0.35                         | <0.36                         | <0.35              |
| 7:3 Fluorotelomer carboxylic acid (7:3 FTCA)                          | <2.6                    | <2.5                    | <2.5            | <2.6                    | <2.6                    | <2.5               | <2.5                          | <2.6                          | <2.5               |
| 8:2 fluorotelomer sulfonic acid (8:2 FTS)                             | <0.44                   | <0.42                   | <0.43           | <0.44                   | <0.44                   | <0.44              | <0.44                         | <0.44                         | <0.43              |
| Potassium 9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9CI-PF3ONS) | <0.42                   | <0.41                   | <0.41           | <0.42                   | <0.42                   | <0.42              | <0.42                         | <0.42                         | <0.41              |
| 4,8-dioxo-3H-perfluorononanoic acid (ADONA)                           | <0.38                   | <0.37                   | <0.37           | <0.38                   | <0.38                   | <0.38              | <0.38                         | <0.38                         | <0.37              |
| Hexafluoropropylene oxide dimer acid (HFPO-DA)                        | <0.40                   | <0.39                   | <0.40           | <0.40                   | <0.40                   | <0.40              | <0.40                         | <0.40                         | <0.39              |
| N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)              | <0.066                  | <0.064                  | <0.065          | <0.066                  | <0.065                  | <0.065             | <0.065                        | <0.066                        | <0.064             |
| Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)                            | <0.14                   | <0.14                   | <0.14           | <0.14                   | <0.14                   | <0.14              | <0.14                         | <0.14                         | <0.14              |
| N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)             | <0.18                   | <0.17                   | <0.18           | <0.18                   | <0.18                   | <0.18              | <0.18                         | <0.18                         | <0.17              |
| Perfluorobutanoic acid (PFBA)                                         | 1.1 J                   | <0.60                   | <0.61           | <0.63                   | <0.62                   | <0.62              | <0.62                         | <0.62                         | <0.61              |
| Perfluorobutanesulfonic acid (PFBS)                                   | <0.057                  | <0.055                  | <0.056          | <0.057                  | <0.057                  | <0.057             | <0.057                        | <0.057                        | <0.056             |
| Perfluorodecanoic acid (PFDA)                                         | 0.38 J                  | 0.39 J                  | 1.1             | 0.43 J                  | 0.45 J                  | 0.96               | 0.13 J                        | 0.22 J                        | 1.6                |
| Perfluorodecanesulfonic acid (PFDS)                                   | <0.11                   | <0.11                   | <0.11           | <0.11                   | <0.11                   | 0.12 J             | <0.11                         | <0.11                         | 0.11 J             |
| Perfluorododecanoic acid (PFDoA)                                      | 0.15 J                  | 0.22 J                  | 0.22 J          | 0.099 J                 | 0.19 J                  | 0.25 J             | <0.078                        | 0.18 J                        | 0.16 J             |
| Perfluoro 2-ethoxyethane sulfonic acid (PFEESA)                       | <0.15                   | <0.14                   | <0.14           | <0.15                   | <0.15                   | <0.14              | <0.14                         | <0.15                         | <0.14              |
| Perfluoroheptanoic acid (PFHpA)                                       | <0.10                   | <0.098                  | <0.10           | <0.10                   | <0.10                   | <0.10              | <0.10                         | <0.10                         | <0.099             |
| Perfluoroheptanesulfonic acid (PFHpS)                                 | <0.082                  | <0.079                  | <0.081          | <0.082                  | <0.082                  | <0.081             | <0.081                        | <0.082                        | <0.080             |
| Perfluorohexanoic acid (PFHxA)                                        | <0.061                  | <0.059                  | <0.061          | <0.062                  | <0.061                  | <0.061             | <0.061                        | <0.062                        | <0.060             |
| Perfluorohexanesulfonic acid (PFHxS)                                  | <0.11                   | <0.10                   | <0.10           | <0.11                   | <0.11                   | <0.11              | <0.11                         | <0.11                         | <0.10              |
| Perfluoro-4-methoxybutanoic acid (PFMBA)                              | <0.16                   | <0.15                   | <0.16           | <0.16                   | <0.16                   | <0.16              | <0.16                         | <0.16                         | <0.16              |
| Perfluoro-3-methoxypropanoic acid (PFMPA)                             | <0.16                   | <0.15                   | <0.15           | <0.16                   | <0.16                   | <0.16              | <0.16                         | <0.16                         | <0.15              |
| Perfluorononanoic acid (PFNA)                                         | <0.089                  | <0.086                  | <0.087          | <0.089                  | <0.088                  | <0.088             | <0.088                        | <0.089                        | 0.56               |
| Perfluorononanesulfonic acid (PFNS)                                   | <0.12                   | <0.12                   | <0.12           | <0.12                   | <0.12                   | <0.12              | <0.12                         | <0.12                         | <0.12              |
| Perfluorooctanoic acid (PFOA)                                         | <0.065                  | <0.063                  | <0.064          | <0.065                  | <0.065                  | <0.065             | <0.065                        | <0.065                        | <0.064             |
| Perfluorooctanesulfonic acid (PFOS)                                   | 3.2                     | 3.5                     | 4.3             | 3.6                     | 3.4                     | 8.0                | 0.23 J                        | 1.0                           | 3.5                |
| Perfluorooctanesulfonamide (PFOSA)                                    | <0.071                  | <0.069                  | <0.070          | <0.072                  | <0.071                  | <0.071             | <0.071                        | <0.072                        | <0.070             |
| Perfluoropentanoic Acid (PFPeA)                                       | <0.18                   | <0.17                   | <0.18           | <0.18                   | <0.18                   | <0.18              | <0.18                         | <0.18                         | <0.17              |
| Perfluoropentane sulfonic acid (PFPeS)                                | <0.098                  | <0.095                  | <0.097          | <0.099                  | <0.098                  | <0.098             | <0.098                        | <0.099                        | <0.096             |
| Perfluoro-n-tetradecanoic acid (PFTeDA)                               | <0.074                  | 0.11 J                  | <0.073          | <0.075                  | <0.074                  | 0.080 J            | <0.074                        | <0.075                        | <0.073             |
| Perfluorotridecanoic acid (PFTriDA)                                   | <0.13                   | <0.12                   | <0.13           | <0.13                   | <0.13                   | <0.13              | <0.13                         | <0.13                         | <0.13              |
| Perfluoroundecanoic acid (PFUnA)                                      | 0.34 J                  | 0.30 J                  | 0.76            | 0.37 J                  | 0.53                    | 0.85               | 0.14 J                        | 0.20 J                        | 0.92               |

\*all units in ug/kg

< - Analyte not detected greater than or equal to laboratory reporting limit

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.



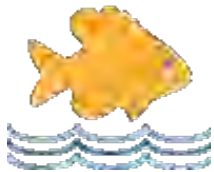
## Sediment Sample Locations Hornbeam Lake

Sunfish Lake PFAS Study  
City of Sunfish Lake



0 300  
Feet  
1 inch = 400 feet





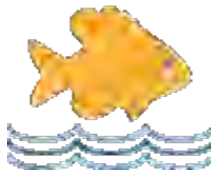
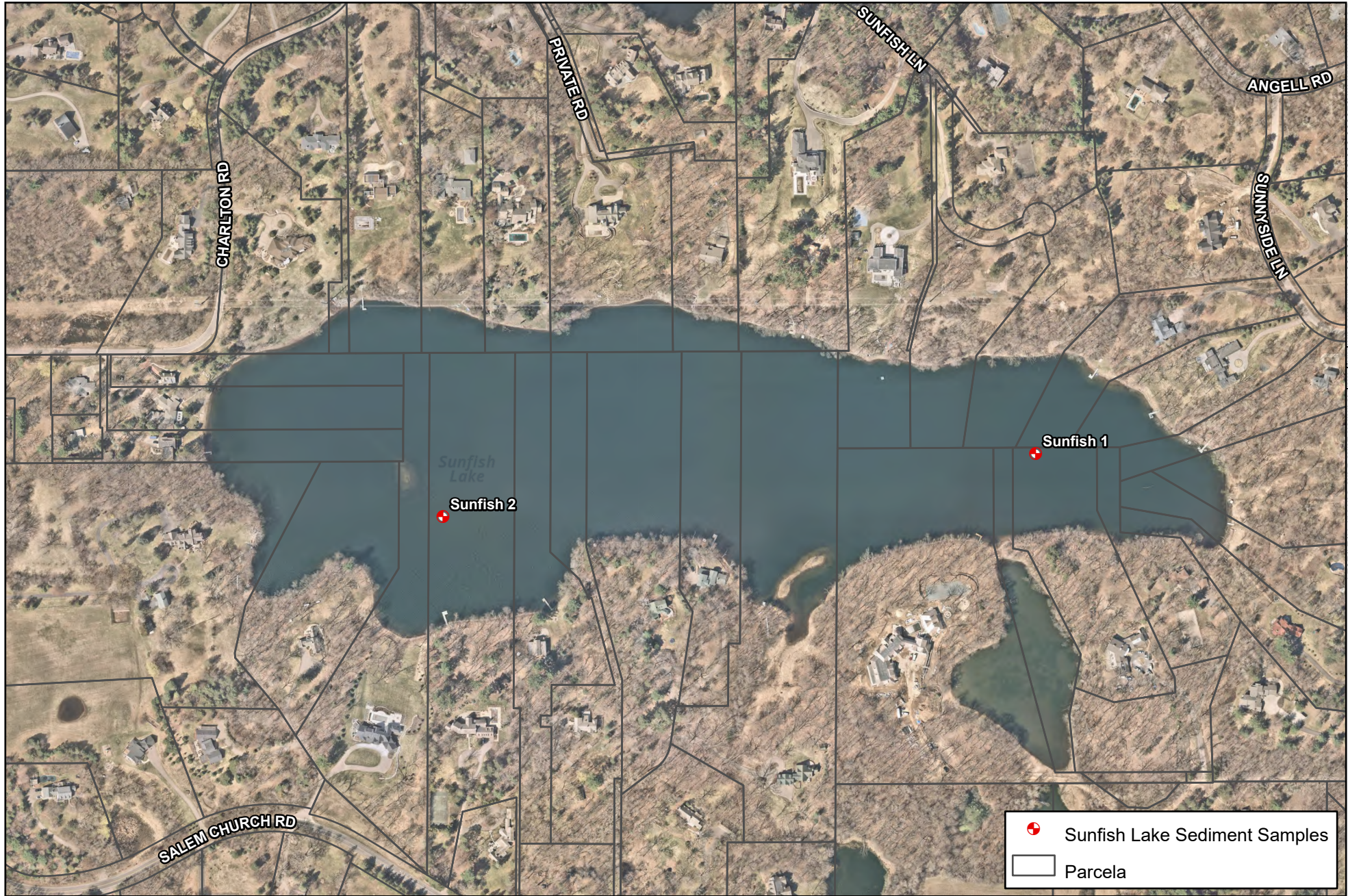
## Sediment Sample Locations Horseshoe Lake

Sunfish Lake PFAS Study  
City of Sunfish Lake



0 300  
Feet  
1 inch = 300 feet





## Sediment Sample Locations Sunfish Lake

Sunfish Lake PFAS Study  
City of Sunfish Lake



0 400  
Feet  
1 inch = 400 feet





October 22, 2024

Dan O'Neill  
WSB & Associates  
178 East 9th St  
Suite 200  
Saint Paul, MN 55101

RE: Project: 026096 Sunfish Lake PFAS Test  
Pace Project No.: 10705049

Dear Dan O'Neill:

Enclosed are the analytical results for sample(s) received by the laboratory on August 21, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Minneapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in blue ink, appearing to read "Annika Asp".

Annika Asp  
annika.asp@pacelabs.com  
(612)607-1700  
Project Manager

Enclosures



## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.



## CERTIFICATIONS

Project: 026096 Sunfish Lake PFAS Test  
Pace Project No.: 10705049

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### Pace Analytical Services, LLC - Minneapolis MN

1700 Elm Street SE, Minneapolis, MN 55414

Alabama Certification #: 40770

Alaska Contaminated Sites Certification #: 17-009

Alaska DW Certification #: MN00064

Arizona Certification #: AZ0014

Arkansas DW Certification #: MN00064

Arkansas WW Certification #: 88-0680

California Certification #: 2929

Colorado Certification #: MN00064

Connecticut Certification #: PH-0256

DoD Certification via A2LA #: 2926.01

EPA Region 8 Tribal Water Systems+Wyoming DW  
Certification #: via MN 027-053-137

Florida Certification #: E87605

Georgia Certification #: 959

GMP+ Certification #: GMP050884

Hawaii Certification #: MN00064

Idaho Certification #: MN00064

Illinois Certification #: 200011

Indiana Certification #: C-MN-01

Iowa Certification #: 368

ISO/IEC 17025 Certification via A2LA #: 2926.01

Kansas Certification #: E-10167

Kentucky DW Certification #: 90062

Kentucky WW Certification #: 90062

Louisiana DEQ Certification #: AI-03086

Louisiana DW Certification #: MN00064

Maine Certification #: MN00064

Maryland Certification #: 322

Michigan Certification #: 9909

Minnesota Certification #: 027-053-137

Minnesota Dept of Ag Approval: via MN 027-053-137

Minnesota Petrofund Registration #: 1240

Mississippi Certification #: MN00064

Missouri Certification #: 10100

Montana Certification #: CERT0092

Nebraska Certification #: NE-OS-18-06

Nevada Certification #: MN00064

New Hampshire Certification #: 2081

New Jersey Certification #: MN002

New York Certification #: 11647

North Carolina DW Certification #: 27700

North Carolina WW Certification #: 530

North Dakota Certification (A2LA) #: R-036

North Dakota Certification (MN) #: R-036

Ohio DW Certification #: 41244

Ohio VAP Certification (1700) #: CL101

Oklahoma Certification #: 9507

Oregon Primary Certification #: MN300001

Oregon Secondary Certification #: MN200001

Pennsylvania Certification #: 68-00563

Puerto Rico Certification #: MN00064

South Carolina Certification #: 74003001

Tennessee Certification #: TN02818

Texas Certification #: T104704192

Utah Certification #: MN00064

Vermont Certification #: VT-027053137

Virginia Certification #: 460163

Washington Certification #: C486

West Virginia DEP Certification #: 382

West Virginia DW Certification #: 9952 C

Wisconsin Certification #: 999407970

Wyoming UST Certification via A2LA #: 2926.01

USDA Permit #: P330-19-00208

## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: 026096 Sunfish Lake PFAS Test

Pace Project No.: 10705049

| Lab ID      | Sample ID | Matrix | Date Collected | Date Received  |
|-------------|-----------|--------|----------------|----------------|
| 10705049001 | HB-2      | Water  | 08/21/24 11:08 | 08/21/24 16:15 |
| 10705049002 | HB-1      | Water  | 08/21/24 10:49 | 08/21/24 16:15 |
| 10705049003 | HS-2      | Water  | 08/21/24 09:49 | 08/21/24 16:15 |
| 10705049004 | SF-2      | Water  | 08/21/24 14:03 | 08/21/24 16:15 |
| 10705049005 | SF-1      | Water  | 08/21/24 13:56 | 08/21/24 16:15 |
| 10705049006 | HS-1      | Water  | 08/21/24 10:01 | 08/21/24 16:15 |

## REPORT OF LABORATORY ANALYSIS

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## SAMPLE ANALYTE COUNT

Project: 026096 Sunfish Lake PFAS Test

Pace Project No.: 10705049

| Lab ID      | Sample ID | Method         | Analysts | Analytes Reported | Laboratory |
|-------------|-----------|----------------|----------|-------------------|------------|
| 10705049001 | HB-2      | EPA 1633 DRAFT | MJL      | 54                | PASI-M     |
| 10705049002 | HB-1      | EPA 1633 DRAFT | MJL      | 54                | PASI-M     |
| 10705049003 | HS-2      | EPA 1633 DRAFT | MJL      | 54                | PASI-M     |
| 10705049004 | SF-2      | EPA 1633 DRAFT | MJL      | 54                | PASI-M     |
| 10705049005 | SF-1      | EPA 1633 DRAFT | MJL      | 54                | PASI-M     |
| 10705049006 | HS-1      | EPA 1633 DRAFT | MJL      | 54                | PASI-M     |

PASI-M = Pace Analytical Services - Minneapolis

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## ANALYTICAL RESULTS

Project: 026096 Sunfish Lake PFAS Test

Pace Project No.: 10705049

| Sample: HB-2         |         | Lab ID: 10705049001                                                                                            |        | Collected: 08/21/24 11:08 |                | Received: 08/21/24 16:15 |             | Matrix: Water |  |
|----------------------|---------|----------------------------------------------------------------------------------------------------------------|--------|---------------------------|----------------|--------------------------|-------------|---------------|--|
| Parameters           | Results | Units                                                                                                          | PQL    | DF                        | Prepared       | Analyzed                 | CAS No.     | Qual          |  |
| EPA 1633 DRAFT Water |         | Analytical Method: EPA 1633 DRAFT Preparation Method: EPA 1633 DRAFT<br>Pace Analytical Services - Minneapolis |        |                           |                |                          |             |               |  |
| 11CI-PF3OUdS         | <0.78   | ng/L                                                                                                           | 4.0    | 1                         | 09/10/24 06:15 | 09/11/24 22:59           | 763051-92-9 |               |  |
| 4:2 FTS              | <0.48   | ng/L                                                                                                           | 4.0    | 1                         | 09/10/24 06:15 | 09/11/24 22:59           | 757124-72-4 |               |  |
| 6:2 FTS              | <0.98   | ng/L                                                                                                           | 4.0    | 1                         | 09/10/24 06:15 | 09/11/24 22:59           | 27619-97-2  |               |  |
| 8:2 FTS              | <1.1    | ng/L                                                                                                           | 4.0    | 1                         | 09/10/24 06:15 | 09/11/24 22:59           | 39108-34-4  |               |  |
| 9CI-PF3ONS           | <0.82   | ng/L                                                                                                           | 4.0    | 1                         | 09/10/24 06:15 | 09/11/24 22:59           | 756426-58-1 |               |  |
| HFPO-DA              | <0.78   | ng/L                                                                                                           | 4.0    | 1                         | 09/10/24 06:15 | 09/11/24 22:59           | 13252-13-6  |               |  |
| NEtFOSAA             | <0.35   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 22:59           | 2991-50-6   |               |  |
| NEtFOSA              | <0.26   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 22:59           | 4151-50-2   |               |  |
| NEtFOSE              | <3.2    | ng/L                                                                                                           | 10.0   | 1                         | 09/10/24 06:15 | 09/11/24 22:59           | 1691-99-2   |               |  |
| NMeFOSAA             | <0.32   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 22:59           | 2355-31-9   |               |  |
| NMeFOSA              | <0.27   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 22:59           | 31506-32-8  |               |  |
| PFBS                 | 1.3     | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 22:59           | 375-73-5    |               |  |
| PFDA                 | <0.18   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 22:59           | 335-76-2    |               |  |
| PFHxA                | 1.9     | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 22:59           | 307-24-4    |               |  |
| PFBA                 | 27.2    | ng/L                                                                                                           | 4.0    | 1                         | 09/10/24 06:15 | 09/11/24 22:59           | 375-22-4    |               |  |
| PFDS                 | <0.27   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 22:59           | 335-77-3    |               |  |
| PFDoS                | <0.28   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 22:59           | 79780-39-5  |               |  |
| PFHpS                | <0.24   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 22:59           | 375-92-8    |               |  |
| PFNS                 | <0.24   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 22:59           | 68259-12-1  |               |  |
| PFPeA                | 2.4     | ng/L                                                                                                           | 2.0    | 1                         | 09/10/24 06:15 | 09/11/24 22:59           | 2706-90-3   |               |  |
| PFPeS                | <0.18   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 22:59           | 2706-91-4   |               |  |
| PFDoA                | <0.22   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 22:59           | 307-55-1    |               |  |
| PFHpA                | 1.2     | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 22:59           | 375-85-9    |               |  |
| PFHxS                | 0.45J   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 22:59           | 355-46-4    |               |  |
| PFNA                 | 0.38J   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 22:59           | 375-95-1    |               |  |
| PFOS                 | 0.93J   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 22:59           | 1763-23-1   |               |  |
| PFOA                 | 2.6     | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 22:59           | 335-67-1    |               |  |
| PFTeDA               | <0.29   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 22:59           | 376-06-7    |               |  |
| PFTrDA               | <0.20   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 22:59           | 72629-94-8  |               |  |
| PFUnA                | <0.25   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 22:59           | 2058-94-8   |               |  |
| Surrogates           |         |                                                                                                                |        |                           |                |                          |             |               |  |
| 13C2-PFDoA (S)       | 75      | %.                                                                                                             | 10-130 | 1                         | 09/10/24 06:15 | 09/11/24 22:59           |             |               |  |
| 13C3HFPO-DA (S)      | 92      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/11/24 22:59           |             |               |  |
| 13C3-PFBS (S)        | 99      | %.                                                                                                             | 40-135 | 1                         | 09/10/24 06:15 | 09/11/24 22:59           |             |               |  |
| 13C3-PFHxS (S)       | 101     | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/11/24 22:59           |             |               |  |
| 13C4-PFBA (S)        | 16      | %.                                                                                                             | 5-130  | 1                         | 09/10/24 06:15 | 09/11/24 22:59           |             |               |  |
| 13C4-PFHpA (S)       | 94      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/11/24 22:59           |             |               |  |
| 13C5-PFHxA (S)       | 95      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/11/24 22:59           |             |               |  |
| 13C5-PFPeA (S)       | 92      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/11/24 22:59           |             |               |  |
| 13C6-PFDA (S)        | 96      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/11/24 22:59           |             |               |  |
| 13C8-PFOA (S)        | 97      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/11/24 22:59           |             |               |  |
| 13C8-PFOS (S)        | 99      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/11/24 22:59           |             |               |  |
| 13C8-PFOSA (S)       | 90      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/11/24 22:59           |             |               |  |
| 13C9-PFNA (S)        | 95      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/11/24 22:59           |             |               |  |
| d3-MeFOSAA (S)       | 88      | %.                                                                                                             | 40-170 | 1                         | 09/10/24 06:15 | 09/11/24 22:59           |             |               |  |
| d3-NMeFOSA (S)       | 88      | %.                                                                                                             | 10-130 | 1                         | 09/10/24 06:15 | 09/11/24 22:59           |             |               |  |

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## ANALYTICAL RESULTS

Project: 026096 Sunfish Lake PFAS Test

Pace Project No.: 10705049

|                      |     |                                                                                                                |        |                           |                |                          |          |               |      |
|----------------------|-----|----------------------------------------------------------------------------------------------------------------|--------|---------------------------|----------------|--------------------------|----------|---------------|------|
| Sample: HB-2         |     | Lab ID: 10705049001                                                                                            |        | Collected: 08/21/24 11:08 |                | Received: 08/21/24 16:15 |          | Matrix: Water |      |
| Parameters           |     | Results                                                                                                        | Units  | PQL                       | DF             | Prepared                 | Analyzed | CAS No.       | Qual |
| EPA 1633 DRAFT Water |     | Analytical Method: EPA 1633 DRAFT Preparation Method: EPA 1633 DRAFT<br>Pace Analytical Services - Minneapolis |        |                           |                |                          |          |               |      |
| Surrogates           |     |                                                                                                                |        |                           |                |                          |          |               |      |
| d5-EtFOSAA (S)       | 94  | %.                                                                                                             | 25-135 | 1                         | 09/10/24 06:15 | 09/11/24 22:59           |          |               |      |
| d5-NEtFOSA (S)       | 87  | %.                                                                                                             | 10-130 | 1                         | 09/10/24 06:15 | 09/11/24 22:59           |          |               |      |
| d7-NMeFOSE (S)       | 71  | %.                                                                                                             | 10-130 | 1                         | 09/10/24 06:15 | 09/11/24 22:59           |          |               |      |
| d9-NEtFOSE (S)       | 73  | %.                                                                                                             | 10-130 | 1                         | 09/10/24 06:15 | 09/11/24 22:59           |          |               |      |
| 13C2-PFTA (S)        | 41  | %.                                                                                                             | 10-130 | 1                         | 09/10/24 06:15 | 09/11/24 22:59           |          |               |      |
| 13C7-PFUdA (S)       | 90  | %.                                                                                                             | 30-130 | 1                         | 09/10/24 06:15 | 09/11/24 22:59           |          |               |      |
| 13C24:2FTS (S)       | 153 | %.                                                                                                             | 40-200 | 1                         | 09/10/24 06:15 | 09/11/24 22:59           |          |               |      |
| 13C26:2FTS (S)       | 135 | %.                                                                                                             | 40-200 | 1                         | 09/10/24 06:15 | 09/11/24 22:59           |          |               |      |
| 13C28:2FTS (S)       | 109 | %.                                                                                                             | 40-300 | 1                         | 09/10/24 06:15 | 09/11/24 22:59           |          |               |      |

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## ANALYTICAL RESULTS

Project: 026096 Sunfish Lake PFAS Test

Pace Project No.: 10705049

| Sample: HB-1         |         | Lab ID: 10705049002                                                                                            |        | Collected: 08/21/24 10:49 |                | Received: 08/21/24 16:15 |             | Matrix: Water |  |
|----------------------|---------|----------------------------------------------------------------------------------------------------------------|--------|---------------------------|----------------|--------------------------|-------------|---------------|--|
| Parameters           | Results | Units                                                                                                          | PQL    | DF                        | Prepared       | Analyzed                 | CAS No.     | Qual          |  |
| EPA 1633 DRAFT Water |         | Analytical Method: EPA 1633 DRAFT Preparation Method: EPA 1633 DRAFT<br>Pace Analytical Services - Minneapolis |        |                           |                |                          |             |               |  |
| 11CI-PF3OUdS         | <0.78   | ng/L                                                                                                           | 4.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:15           | 763051-92-9 |               |  |
| 4:2 FTS              | <0.49   | ng/L                                                                                                           | 4.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:15           | 757124-72-4 |               |  |
| 6:2 FTS              | <0.98   | ng/L                                                                                                           | 4.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:15           | 27619-97-2  |               |  |
| 8:2 FTS              | <1.1    | ng/L                                                                                                           | 4.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:15           | 39108-34-4  |               |  |
| 9CI-PF3ONS           | <0.83   | ng/L                                                                                                           | 4.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:15           | 756426-58-1 |               |  |
| HFPO-DA              | <0.78   | ng/L                                                                                                           | 4.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:15           | 13252-13-6  |               |  |
| NEtFOSAA             | <0.35   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:15           | 2991-50-6   |               |  |
| NEtFOSA              | <0.26   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:15           | 4151-50-2   |               |  |
| NEtFOSE              | <3.2    | ng/L                                                                                                           | 10.1   | 1                         | 09/10/24 06:15 | 09/11/24 23:15           | 1691-99-2   |               |  |
| NMeFOSAA             | <0.32   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:15           | 2355-31-9   |               |  |
| NMeFOSA              | <0.27   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:15           | 31506-32-8  |               |  |
| PFBS                 | 1.3     | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:15           | 375-73-5    |               |  |
| PFDA                 | <0.18   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:15           | 335-76-2    |               |  |
| PFHxA                | 1.7     | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:15           | 307-24-4    |               |  |
| PFBA                 | 28.9    | ng/L                                                                                                           | 4.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:15           | 375-22-4    |               |  |
| PFDS                 | <0.27   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:15           | 335-77-3    |               |  |
| PFDoS                | <0.28   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:15           | 79780-39-5  |               |  |
| PFHpS                | <0.24   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:15           | 375-92-8    |               |  |
| PFNS                 | <0.24   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:15           | 68259-12-1  |               |  |
| PFPeA                | 2.6     | ng/L                                                                                                           | 2.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:15           | 2706-90-3   |               |  |
| PFPeS                | <0.18   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:15           | 2706-91-4   |               |  |
| PFDoA                | <0.22   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:15           | 307-55-1    |               |  |
| PFHpA                | 1.3     | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:15           | 375-85-9    |               |  |
| PFHxS                | 0.47J   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:15           | 355-46-4    |               |  |
| PFNA                 | 0.42J   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:15           | 375-95-1    |               |  |
| PFOS                 | 0.91J   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:15           | 1763-23-1   |               |  |
| PFOA                 | 2.6     | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:15           | 335-67-1    |               |  |
| PFTeDA               | <0.29   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:15           | 376-06-7    |               |  |
| PFTrDA               | <0.20   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:15           | 72629-94-8  |               |  |
| PFUnA                | <0.25   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:15           | 2058-94-8   |               |  |
| Surrogates           |         |                                                                                                                |        |                           |                |                          |             |               |  |
| 13C2-PFDoA (S)       | 71      | %.                                                                                                             | 10-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:15           |             |               |  |
| 13C3HFPO-DA (S)      | 90      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:15           |             |               |  |
| 13C3-PFBS (S)        | 93      | %.                                                                                                             | 40-135 | 1                         | 09/10/24 06:15 | 09/11/24 23:15           |             |               |  |
| 13C3-PFHxS (S)       | 95      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:15           |             |               |  |
| 13C4-PFBA (S)        | 26      | %.                                                                                                             | 5-130  | 1                         | 09/10/24 06:15 | 09/11/24 23:15           |             |               |  |
| 13C4-PFHpA (S)       | 93      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:15           |             |               |  |
| 13C5-PFHxA (S)       | 91      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:15           |             |               |  |
| 13C5-PFPeA (S)       | 92      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:15           |             |               |  |
| 13C6-PFDA (S)        | 91      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:15           |             |               |  |
| 13C8-PFOA (S)        | 91      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:15           |             |               |  |
| 13C8-PFOS (S)        | 93      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:15           |             |               |  |
| 13C8-PFOSA (S)       | 85      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:15           |             |               |  |
| 13C9-PFNA (S)        | 93      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:15           |             |               |  |
| d3-MeFOSAA (S)       | 84      | %.                                                                                                             | 40-170 | 1                         | 09/10/24 06:15 | 09/11/24 23:15           |             |               |  |
| d3-NMeFOSA (S)       | 77      | %.                                                                                                             | 10-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:15           |             |               |  |

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## ANALYTICAL RESULTS

Project: 026096 Sunfish Lake PFAS Test

Pace Project No.: 10705049

|                      |     |                                                                                                                |        |                           |                |                          |          |               |      |
|----------------------|-----|----------------------------------------------------------------------------------------------------------------|--------|---------------------------|----------------|--------------------------|----------|---------------|------|
| Sample: HB-1         |     | Lab ID: 10705049002                                                                                            |        | Collected: 08/21/24 10:49 |                | Received: 08/21/24 16:15 |          | Matrix: Water |      |
| Parameters           |     | Results                                                                                                        | Units  | PQL                       | DF             | Prepared                 | Analyzed | CAS No.       | Qual |
| EPA 1633 DRAFT Water |     | Analytical Method: EPA 1633 DRAFT Preparation Method: EPA 1633 DRAFT<br>Pace Analytical Services - Minneapolis |        |                           |                |                          |          |               |      |
| Surrogates           |     |                                                                                                                |        |                           |                |                          |          |               |      |
| d5-EtFOSAA (S)       | 89  | %.                                                                                                             | 25-135 | 1                         | 09/10/24 06:15 | 09/11/24 23:15           |          |               |      |
| d5-NEtFOSA (S)       | 74  | %.                                                                                                             | 10-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:15           |          |               |      |
| d7-NMeFOSE (S)       | 66  | %.                                                                                                             | 10-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:15           |          |               |      |
| d9-NEtFOSE (S)       | 68  | %.                                                                                                             | 10-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:15           |          |               |      |
| 13C2-PFTA (S)        | 39  | %.                                                                                                             | 10-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:15           |          |               |      |
| 13C7-PFUdA (S)       | 89  | %.                                                                                                             | 30-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:15           |          |               |      |
| 13C24:2FTS (S)       | 143 | %.                                                                                                             | 40-200 | 1                         | 09/10/24 06:15 | 09/11/24 23:15           |          |               |      |
| 13C26:2FTS (S)       | 128 | %.                                                                                                             | 40-200 | 1                         | 09/10/24 06:15 | 09/11/24 23:15           |          |               |      |
| 13C28:2FTS (S)       | 105 | %.                                                                                                             | 40-300 | 1                         | 09/10/24 06:15 | 09/11/24 23:15           |          |               |      |

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## ANALYTICAL RESULTS

Project: 026096 Sunfish Lake PFAS Test

Pace Project No.: 10705049

| Sample: HS-2         |         | Lab ID: 10705049003                                                                                            |        | Collected: 08/21/24 09:49 |                | Received: 08/21/24 16:15 |             | Matrix: Water |  |
|----------------------|---------|----------------------------------------------------------------------------------------------------------------|--------|---------------------------|----------------|--------------------------|-------------|---------------|--|
| Parameters           | Results | Units                                                                                                          | PQL    | DF                        | Prepared       | Analyzed                 | CAS No.     | Qual          |  |
| EPA 1633 DRAFT Water |         | Analytical Method: EPA 1633 DRAFT Preparation Method: EPA 1633 DRAFT<br>Pace Analytical Services - Minneapolis |        |                           |                |                          |             |               |  |
| 11CI-PF3OUdS         | <0.79   | ng/L                                                                                                           | 4.1    | 1                         | 09/10/24 06:15 | 09/11/24 23:31           | 763051-92-9 |               |  |
| 4:2 FTS              | <0.49   | ng/L                                                                                                           | 4.1    | 1                         | 09/10/24 06:15 | 09/11/24 23:31           | 757124-72-4 |               |  |
| 6:2 FTS              | <0.99   | ng/L                                                                                                           | 4.1    | 1                         | 09/10/24 06:15 | 09/11/24 23:31           | 27619-97-2  |               |  |
| 8:2 FTS              | <1.1    | ng/L                                                                                                           | 4.1    | 1                         | 09/10/24 06:15 | 09/11/24 23:31           | 39108-34-4  |               |  |
| 9CI-PF3ONS           | <0.84   | ng/L                                                                                                           | 4.1    | 1                         | 09/10/24 06:15 | 09/11/24 23:31           | 756426-58-1 |               |  |
| HFPO-DA              | <0.79   | ng/L                                                                                                           | 4.1    | 1                         | 09/10/24 06:15 | 09/11/24 23:31           | 13252-13-6  |               |  |
| NEtFOSAA             | <0.35   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:31           | 2991-50-6   |               |  |
| NEtFOSA              | <0.26   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:31           | 4151-50-2   |               |  |
| NEtFOSE              | <3.3    | ng/L                                                                                                           | 10.2   | 1                         | 09/10/24 06:15 | 09/11/24 23:31           | 1691-99-2   |               |  |
| NMeFOSAA             | <0.32   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:31           | 2355-31-9   |               |  |
| NMeFOSA              | <0.27   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:31           | 31506-32-8  |               |  |
| PFBS                 | 1.1     | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:31           | 375-73-5    |               |  |
| PFDA                 | <0.18   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:31           | 335-76-2    |               |  |
| PFHxA                | 2.7     | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:31           | 307-24-4    |               |  |
| PFBA                 | 58.9    | ng/L                                                                                                           | 4.1    | 1                         | 09/10/24 06:15 | 09/11/24 23:31           | 375-22-4    |               |  |
| PFDS                 | <0.27   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:31           | 335-77-3    |               |  |
| PFDoS                | <0.28   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:31           | 79780-39-5  |               |  |
| PFHpS                | <0.24   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:31           | 375-92-8    |               |  |
| PFNS                 | <0.25   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:31           | 68259-12-1  |               |  |
| PFPeA                | 4.5     | ng/L                                                                                                           | 2.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:31           | 2706-90-3   |               |  |
| PFPeS                | <0.19   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:31           | 2706-91-4   |               |  |
| PFDoA                | <0.23   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:31           | 307-55-1    |               |  |
| PFHpA                | 1.5     | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:31           | 375-85-9    |               |  |
| PFHxS                | 0.30J   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:31           | 355-46-4    |               |  |
| PFNA                 | 0.34J   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:31           | 375-95-1    |               |  |
| PFOS                 | <0.18   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:31           | 1763-23-1   |               |  |
| PFOA                 | 2.7     | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:31           | 335-67-1    |               |  |
| PFTeDA               | <0.29   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:31           | 376-06-7    |               |  |
| PFTrDA               | <0.20   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:31           | 72629-94-8  |               |  |
| PFUnA                | <0.26   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:31           | 2058-94-8   |               |  |
| Surrogates           |         |                                                                                                                |        |                           |                |                          |             |               |  |
| 13C2-PFDoA (S)       | 65      | %.                                                                                                             | 10-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:31           |             |               |  |
| 13C3HFPO-DA (S)      | 89      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:31           |             |               |  |
| 13C3-PFBS (S)        | 99      | %.                                                                                                             | 40-135 | 1                         | 09/10/24 06:15 | 09/11/24 23:31           |             |               |  |
| 13C3-PFHxS (S)       | 100     | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:31           |             |               |  |
| 13C4-PFBA (S)        | 14      | %.                                                                                                             | 5-130  | 1                         | 09/10/24 06:15 | 09/11/24 23:31           |             |               |  |
| 13C4-PFHpA (S)       | 90      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:31           |             |               |  |
| 13C5-PFHxA (S)       | 89      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:31           |             |               |  |
| 13C5-PFPeA (S)       | 86      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:31           |             |               |  |
| 13C6-PFDA (S)        | 91      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:31           |             |               |  |
| 13C8-PFOA (S)        | 96      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:31           |             |               |  |
| 13C8-PFOS (S)        | 98      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:31           |             |               |  |
| 13C8-PFOSA (S)       | 89      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:31           |             |               |  |
| 13C9-PFNA (S)        | 90      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:31           |             |               |  |
| d3-MeFOSAA (S)       | 84      | %.                                                                                                             | 40-170 | 1                         | 09/10/24 06:15 | 09/11/24 23:31           |             |               |  |
| d3-NMeFOSA (S)       | 87      | %.                                                                                                             | 10-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:31           |             |               |  |

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## ANALYTICAL RESULTS

Project: 026096 Sunfish Lake PFAS Test

Pace Project No.: 10705049

|                      |     |                                                                                                                |        |                           |                |                          |          |               |      |
|----------------------|-----|----------------------------------------------------------------------------------------------------------------|--------|---------------------------|----------------|--------------------------|----------|---------------|------|
| Sample: HS-2         |     | Lab ID: 10705049003                                                                                            |        | Collected: 08/21/24 09:49 |                | Received: 08/21/24 16:15 |          | Matrix: Water |      |
| Parameters           |     | Results                                                                                                        | Units  | PQL                       | DF             | Prepared                 | Analyzed | CAS No.       | Qual |
| EPA 1633 DRAFT Water |     | Analytical Method: EPA 1633 DRAFT Preparation Method: EPA 1633 DRAFT<br>Pace Analytical Services - Minneapolis |        |                           |                |                          |          |               |      |
| Surrogates           |     |                                                                                                                |        |                           |                |                          |          |               |      |
| d5-EtFOSAA (S)       | 86  | %.                                                                                                             | 25-135 | 1                         | 09/10/24 06:15 | 09/11/24 23:31           |          |               |      |
| d5-NEtFOSA (S)       | 86  | %.                                                                                                             | 10-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:31           |          |               |      |
| d7-NMeFOSE (S)       | 67  | %.                                                                                                             | 10-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:31           |          |               |      |
| d9-NEtFOSE (S)       | 69  | %.                                                                                                             | 10-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:31           |          |               |      |
| 13C2-PFTA (S)        | 44  | %.                                                                                                             | 10-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:31           |          |               |      |
| 13C7-PFUdA (S)       | 83  | %.                                                                                                             | 30-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:31           |          |               |      |
| 13C24:2FTS (S)       | 131 | %.                                                                                                             | 40-200 | 1                         | 09/10/24 06:15 | 09/11/24 23:31           |          |               |      |
| 13C26:2FTS (S)       | 121 | %.                                                                                                             | 40-200 | 1                         | 09/10/24 06:15 | 09/11/24 23:31           |          |               |      |
| 13C28:2FTS (S)       | 103 | %.                                                                                                             | 40-300 | 1                         | 09/10/24 06:15 | 09/11/24 23:31           |          |               |      |

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## ANALYTICAL RESULTS

Project: 026096 Sunfish Lake PFAS Test

Pace Project No.: 10705049

| Sample: SF-2         |         | Lab ID: 10705049004                                                                                            |        | Collected: 08/21/24 14:03 |                | Received: 08/21/24 16:15 |             | Matrix: Water |  |
|----------------------|---------|----------------------------------------------------------------------------------------------------------------|--------|---------------------------|----------------|--------------------------|-------------|---------------|--|
| Parameters           | Results | Units                                                                                                          | PQL    | DF                        | Prepared       | Analyzed                 | CAS No.     | Qual          |  |
| EPA 1633 DRAFT Water |         | Analytical Method: EPA 1633 DRAFT Preparation Method: EPA 1633 DRAFT<br>Pace Analytical Services - Minneapolis |        |                           |                |                          |             |               |  |
| 11CI-PF3OUdS         | <0.78   | ng/L                                                                                                           | 4.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:46           | 763051-92-9 |               |  |
| 4:2 FTS              | <0.48   | ng/L                                                                                                           | 4.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:46           | 757124-72-4 |               |  |
| 6:2 FTS              | <0.98   | ng/L                                                                                                           | 4.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:46           | 27619-97-2  |               |  |
| 8:2 FTS              | <1.0    | ng/L                                                                                                           | 4.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:46           | 39108-34-4  |               |  |
| 9CI-PF3ONS           | <0.82   | ng/L                                                                                                           | 4.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:46           | 756426-58-1 |               |  |
| HFPO-DA              | <0.78   | ng/L                                                                                                           | 4.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:46           | 13252-13-6  |               |  |
| NEtFOSAA             | <0.35   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:46           | 2991-50-6   |               |  |
| NEtFOSA              | <0.26   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:46           | 4151-50-2   |               |  |
| NEtFOSE              | <3.2    | ng/L                                                                                                           | 10     | 1                         | 09/10/24 06:15 | 09/11/24 23:46           | 1691-99-2   |               |  |
| NMeFOSAA             | <0.32   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:46           | 2355-31-9   |               |  |
| NMeFOSA              | <0.27   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:46           | 31506-32-8  |               |  |
| PFBS                 | 1.4     | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:46           | 375-73-5    |               |  |
| PFDA                 | <0.18   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:46           | 335-76-2    |               |  |
| PFHxA                | 8.3     | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:46           | 307-24-4    |               |  |
| PFBA                 | 139     | ng/L                                                                                                           | 4.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:46           | 375-22-4    |               |  |
| PFDS                 | <0.26   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:46           | 335-77-3    |               |  |
| PFDoS                | <0.28   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:46           | 79780-39-5  |               |  |
| PFHpS                | <0.24   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:46           | 375-92-8    |               |  |
| PFNS                 | <0.24   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:46           | 68259-12-1  |               |  |
| PFPeA                | 9.8     | ng/L                                                                                                           | 2.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:46           | 2706-90-3   |               |  |
| PFPeS                | 0.24J   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:46           | 2706-91-4   |               |  |
| PFDoA                | <0.22   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:46           | 307-55-1    |               |  |
| PFHpA                | 1.9     | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:46           | 375-85-9    |               |  |
| PFHxS                | 1.1     | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:46           | 355-46-4    |               |  |
| PFNA                 | 0.58J   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:46           | 375-95-1    |               |  |
| PFOS                 | 1.0     | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:46           | 1763-23-1   |               |  |
| PFOA                 | 6.9     | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:46           | 335-67-1    |               |  |
| PFTeDA               | <0.28   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:46           | 376-06-7    |               |  |
| PFTrDA               | <0.20   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:46           | 72629-94-8  |               |  |
| PFUnA                | <0.25   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/11/24 23:46           | 2058-94-8   |               |  |
| Surrogates           |         |                                                                                                                |        |                           |                |                          |             |               |  |
| 13C2-PFDoA (S)       | 66      | %.                                                                                                             | 10-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:46           |             |               |  |
| 13C3HFPO-DA (S)      | 91      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:46           |             |               |  |
| 13C3-PFBS (S)        | 98      | %.                                                                                                             | 40-135 | 1                         | 09/10/24 06:15 | 09/11/24 23:46           |             |               |  |
| 13C3-PFHxS (S)       | 97      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:46           |             |               |  |
| 13C4-PFBA (S)        | 54      | %.                                                                                                             | 5-130  | 1                         | 09/10/24 06:15 | 09/11/24 23:46           |             |               |  |
| 13C4-PFHpA (S)       | 92      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:46           |             |               |  |
| 13C5-PFHxA (S)       | 92      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:46           |             |               |  |
| 13C5-PFPeA (S)       | 93      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:46           |             |               |  |
| 13C6-PFDA (S)        | 92      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:46           |             |               |  |
| 13C8-PFOA (S)        | 93      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:46           |             |               |  |
| 13C8-PFOS (S)        | 97      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:46           |             |               |  |
| 13C8-PFOSA (S)       | 88      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:46           |             |               |  |
| 13C9-PFNA (S)        | 92      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:46           |             |               |  |
| d3-MeFOSAA (S)       | 85      | %.                                                                                                             | 40-170 | 1                         | 09/10/24 06:15 | 09/11/24 23:46           |             |               |  |
| d3-NMeFOSA (S)       | 75      | %.                                                                                                             | 10-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:46           |             |               |  |

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## ANALYTICAL RESULTS

Project: 026096 Sunfish Lake PFAS Test

Pace Project No.: 10705049

|                      |     |                                                                                                                |        |                           |                |                          |          |               |      |
|----------------------|-----|----------------------------------------------------------------------------------------------------------------|--------|---------------------------|----------------|--------------------------|----------|---------------|------|
| Sample: SF-2         |     | Lab ID: 10705049004                                                                                            |        | Collected: 08/21/24 14:03 |                | Received: 08/21/24 16:15 |          | Matrix: Water |      |
| Parameters           |     | Results                                                                                                        | Units  | PQL                       | DF             | Prepared                 | Analyzed | CAS No.       | Qual |
| EPA 1633 DRAFT Water |     | Analytical Method: EPA 1633 DRAFT Preparation Method: EPA 1633 DRAFT<br>Pace Analytical Services - Minneapolis |        |                           |                |                          |          |               |      |
| Surrogates           |     |                                                                                                                |        |                           |                |                          |          |               |      |
| d5-EtFOSAA (S)       | 87  | %.                                                                                                             | 25-135 | 1                         | 09/10/24 06:15 | 09/11/24 23:46           |          |               |      |
| d5-NEtFOSA (S)       | 72  | %.                                                                                                             | 10-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:46           |          |               |      |
| d7-NMeFOSE (S)       | 64  | %.                                                                                                             | 10-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:46           |          |               |      |
| d9-NEtFOSE (S)       | 67  | %.                                                                                                             | 10-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:46           |          |               |      |
| 13C2-PFTA (S)        | 38  | %.                                                                                                             | 10-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:46           |          |               |      |
| 13C7-PFUdA (S)       | 85  | %.                                                                                                             | 30-130 | 1                         | 09/10/24 06:15 | 09/11/24 23:46           |          |               |      |
| 13C24:2FTS (S)       | 134 | %.                                                                                                             | 40-200 | 1                         | 09/10/24 06:15 | 09/11/24 23:46           |          |               |      |
| 13C26:2FTS (S)       | 120 | %.                                                                                                             | 40-200 | 1                         | 09/10/24 06:15 | 09/11/24 23:46           |          |               |      |
| 13C28:2FTS (S)       | 104 | %.                                                                                                             | 40-300 | 1                         | 09/10/24 06:15 | 09/11/24 23:46           |          |               |      |

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## ANALYTICAL RESULTS

Project: 026096 Sunfish Lake PFAS Test

Pace Project No.: 10705049

| Sample: SF-1         |         | Lab ID: 10705049005                                                                                            |        | Collected: 08/21/24 13:56 |                | Received: 08/21/24 16:15 |             | Matrix: Water |  |
|----------------------|---------|----------------------------------------------------------------------------------------------------------------|--------|---------------------------|----------------|--------------------------|-------------|---------------|--|
| Parameters           | Results | Units                                                                                                          | PQL    | DF                        | Prepared       | Analyzed                 | CAS No.     | Qual          |  |
| EPA 1633 DRAFT Water |         | Analytical Method: EPA 1633 DRAFT Preparation Method: EPA 1633 DRAFT<br>Pace Analytical Services - Minneapolis |        |                           |                |                          |             |               |  |
| 11CI-PF3OUdS         | <0.81   | ng/L                                                                                                           | 4.1    | 1                         | 09/10/24 06:15 | 09/12/24 00:02           | 763051-92-9 |               |  |
| 4:2 FTS              | <0.50   | ng/L                                                                                                           | 4.1    | 1                         | 09/10/24 06:15 | 09/12/24 00:02           | 757124-72-4 |               |  |
| 6:2 FTS              | <1.0    | ng/L                                                                                                           | 4.1    | 1                         | 09/10/24 06:15 | 09/12/24 00:02           | 27619-97-2  |               |  |
| 8:2 FTS              | <1.1    | ng/L                                                                                                           | 4.1    | 1                         | 09/10/24 06:15 | 09/12/24 00:02           | 39108-34-4  |               |  |
| 9CI-PF3ONS           | <0.85   | ng/L                                                                                                           | 4.1    | 1                         | 09/10/24 06:15 | 09/12/24 00:02           | 756426-58-1 |               |  |
| HFPO-DA              | <0.81   | ng/L                                                                                                           | 4.1    | 1                         | 09/10/24 06:15 | 09/12/24 00:02           | 13252-13-6  |               |  |
| NEtFOSAA             | <0.36   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/12/24 00:02           | 2991-50-6   |               |  |
| NEtFOSA              | <0.27   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/12/24 00:02           | 4151-50-2   |               |  |
| NEtFOSE              | <3.3    | ng/L                                                                                                           | 10.4   | 1                         | 09/10/24 06:15 | 09/12/24 00:02           | 1691-99-2   |               |  |
| NMeFOSAA             | <0.33   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/12/24 00:02           | 2355-31-9   |               |  |
| NMeFOSA              | <0.28   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/12/24 00:02           | 31506-32-8  |               |  |
| PFBS                 | 1.5     | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/12/24 00:02           | 375-73-5    |               |  |
| PFDA                 | <0.18   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/12/24 00:02           | 335-76-2    |               |  |
| PFHxA                | 8.3     | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/12/24 00:02           | 307-24-4    |               |  |
| PFBA                 | 137     | ng/L                                                                                                           | 4.1    | 1                         | 09/10/24 06:15 | 09/12/24 00:02           | 375-22-4    |               |  |
| PFDS                 | <0.27   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/12/24 00:02           | 335-77-3    |               |  |
| PFDoS                | <0.29   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/12/24 00:02           | 79780-39-5  |               |  |
| PFHpS                | <0.25   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/12/24 00:02           | 375-92-8    |               |  |
| PFNS                 | <0.25   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/12/24 00:02           | 68259-12-1  |               |  |
| PFPeA                | 9.3     | ng/L                                                                                                           | 2.1    | 1                         | 09/10/24 06:15 | 09/12/24 00:02           | 2706-90-3   |               |  |
| PFPeS                | <0.19   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/12/24 00:02           | 2706-91-4   |               |  |
| PFDoS                | <0.23   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/12/24 00:02           | 307-55-1    |               |  |
| PFHpA                | 2.0     | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/12/24 00:02           | 375-85-9    |               |  |
| PFHxS                | 1.1     | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/12/24 00:02           | 355-46-4    |               |  |
| PFNA                 | 0.61J   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/12/24 00:02           | 375-95-1    |               |  |
| PFOS                 | 1.0J    | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/12/24 00:02           | 1763-23-1   |               |  |
| PFOA                 | 7.0     | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/12/24 00:02           | 335-67-1    |               |  |
| PFTeDA               | <0.30   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/12/24 00:02           | 376-06-7    |               |  |
| PFTrDA               | <0.20   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/12/24 00:02           | 72629-94-8  |               |  |
| PFUnA                | <0.26   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/12/24 00:02           | 2058-94-8   |               |  |
| Surrogates           |         |                                                                                                                |        |                           |                |                          |             |               |  |
| 13C2-PFDoS (S)       | 74      | %.                                                                                                             | 10-130 | 1                         | 09/10/24 06:15 | 09/12/24 00:02           |             |               |  |
| 13C3HFPO-DA (S)      | 92      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/12/24 00:02           |             |               |  |
| 13C3-PFBS (S)        | 97      | %.                                                                                                             | 40-135 | 1                         | 09/10/24 06:15 | 09/12/24 00:02           |             |               |  |
| 13C3-PFHxS (S)       | 98      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/12/24 00:02           |             |               |  |
| 13C4-PFBA (S)        | 60      | %.                                                                                                             | 5-130  | 1                         | 09/10/24 06:15 | 09/12/24 00:02           |             |               |  |
| 13C4-PFHpA (S)       | 93      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/12/24 00:02           |             |               |  |
| 13C5-PFHxA (S)       | 92      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/12/24 00:02           |             |               |  |
| 13C5-PFPeA (S)       | 94      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/12/24 00:02           |             |               |  |
| 13C6-PFDA (S)        | 89      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/12/24 00:02           |             |               |  |
| 13C8-PFOA (S)        | 91      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/12/24 00:02           |             |               |  |
| 13C8-PFOS (S)        | 95      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/12/24 00:02           |             |               |  |
| 13C8-PFOSA (S)       | 88      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/12/24 00:02           |             |               |  |
| 13C9-PFNA (S)        | 91      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/12/24 00:02           |             |               |  |
| d3-MeFOSAA (S)       | 87      | %.                                                                                                             | 40-170 | 1                         | 09/10/24 06:15 | 09/12/24 00:02           |             |               |  |
| d3-NMeFOSA (S)       | 78      | %.                                                                                                             | 10-130 | 1                         | 09/10/24 06:15 | 09/12/24 00:02           |             |               |  |

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 026096 Sunfish Lake PFAS Test

Pace Project No.: 10705049

|                      |     |                                                                                                                |        |                           |                |                          |          |               |      |
|----------------------|-----|----------------------------------------------------------------------------------------------------------------|--------|---------------------------|----------------|--------------------------|----------|---------------|------|
| Sample: SF-1         |     | Lab ID: 10705049005                                                                                            |        | Collected: 08/21/24 13:56 |                | Received: 08/21/24 16:15 |          | Matrix: Water |      |
| Parameters           |     | Results                                                                                                        | Units  | PQL                       | DF             | Prepared                 | Analyzed | CAS No.       | Qual |
| EPA 1633 DRAFT Water |     | Analytical Method: EPA 1633 DRAFT Preparation Method: EPA 1633 DRAFT<br>Pace Analytical Services - Minneapolis |        |                           |                |                          |          |               |      |
| Surrogates           |     |                                                                                                                |        |                           |                |                          |          |               |      |
| d5-EtFOSAA (S)       | 92  | %.                                                                                                             | 25-135 | 1                         | 09/10/24 06:15 | 09/12/24 00:02           |          |               |      |
| d5-NEtFOSA (S)       | 74  | %.                                                                                                             | 10-130 | 1                         | 09/10/24 06:15 | 09/12/24 00:02           |          |               |      |
| d7-NMeFOSE (S)       | 71  | %.                                                                                                             | 10-130 | 1                         | 09/10/24 06:15 | 09/12/24 00:02           |          |               |      |
| d9-NEtFOSE (S)       | 74  | %.                                                                                                             | 10-130 | 1                         | 09/10/24 06:15 | 09/12/24 00:02           |          |               |      |
| 13C2-PFTA (S)        | 50  | %.                                                                                                             | 10-130 | 1                         | 09/10/24 06:15 | 09/12/24 00:02           |          |               |      |
| 13C7-PFUDa (S)       | 84  | %.                                                                                                             | 30-130 | 1                         | 09/10/24 06:15 | 09/12/24 00:02           |          |               |      |
| 13C24:2FTS (S)       | 135 | %.                                                                                                             | 40-200 | 1                         | 09/10/24 06:15 | 09/12/24 00:02           |          |               |      |
| 13C26:2FTS (S)       | 120 | %.                                                                                                             | 40-200 | 1                         | 09/10/24 06:15 | 09/12/24 00:02           |          |               |      |
| 13C28:2FTS (S)       | 105 | %.                                                                                                             | 40-300 | 1                         | 09/10/24 06:15 | 09/12/24 00:02           |          |               |      |

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## ANALYTICAL RESULTS

Project: 026096 Sunfish Lake PFAS Test

Pace Project No.: 10705049

| Sample: HS-1         |         | Lab ID: 10705049006                                                                                            |        | Collected: 08/21/24 10:01 |                | Received: 08/21/24 16:15 |             | Matrix: Water |  |
|----------------------|---------|----------------------------------------------------------------------------------------------------------------|--------|---------------------------|----------------|--------------------------|-------------|---------------|--|
| Parameters           | Results | Units                                                                                                          | PQL    | DF                        | Prepared       | Analyzed                 | CAS No.     | Qual          |  |
| EPA 1633 DRAFT Water |         | Analytical Method: EPA 1633 DRAFT Preparation Method: EPA 1633 DRAFT<br>Pace Analytical Services - Minneapolis |        |                           |                |                          |             |               |  |
| 11CI-PF3OUdS         | <0.80   | ng/L                                                                                                           | 4.1    | 1                         | 09/10/24 06:15 | 09/12/24 00:17           | 763051-92-9 |               |  |
| 4:2 FTS              | <0.50   | ng/L                                                                                                           | 4.1    | 1                         | 09/10/24 06:15 | 09/12/24 00:17           | 757124-72-4 |               |  |
| 6:2 FTS              | <1.0    | ng/L                                                                                                           | 4.1    | 1                         | 09/10/24 06:15 | 09/12/24 00:17           | 27619-97-2  |               |  |
| 8:2 FTS              | <1.1    | ng/L                                                                                                           | 4.1    | 1                         | 09/10/24 06:15 | 09/12/24 00:17           | 39108-34-4  |               |  |
| 9CI-PF3ONS           | <0.85   | ng/L                                                                                                           | 4.1    | 1                         | 09/10/24 06:15 | 09/12/24 00:17           | 756426-58-1 |               |  |
| HFPO-DA              | <0.80   | ng/L                                                                                                           | 4.1    | 1                         | 09/10/24 06:15 | 09/12/24 00:17           | 13252-13-6  |               |  |
| NEtFOSAA             | <0.36   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/12/24 00:17           | 2991-50-6   |               |  |
| NEtFOSA              | <0.26   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/12/24 00:17           | 4151-50-2   |               |  |
| NEtFOSE              | <3.3    | ng/L                                                                                                           | 10.3   | 1                         | 09/10/24 06:15 | 09/12/24 00:17           | 1691-99-2   |               |  |
| NMeFOSAA             | <0.33   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/12/24 00:17           | 2355-31-9   |               |  |
| NMeFOSA              | <0.27   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/12/24 00:17           | 31506-32-8  |               |  |
| PFBS                 | 1.2     | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/12/24 00:17           | 375-73-5    |               |  |
| PFDA                 | <0.18   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/12/24 00:17           | 335-76-2    |               |  |
| PFHxA                | 2.6     | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/12/24 00:17           | 307-24-4    |               |  |
| PFBA                 | 60.9    | ng/L                                                                                                           | 4.1    | 1                         | 09/10/24 06:15 | 09/12/24 00:17           | 375-22-4    |               |  |
| PFDS                 | <0.27   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/12/24 00:17           | 335-77-3    |               |  |
| PFDoS                | <0.29   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/12/24 00:17           | 79780-39-5  |               |  |
| PFHpS                | <0.25   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/12/24 00:17           | 375-92-8    |               |  |
| PFNS                 | <0.25   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/12/24 00:17           | 68259-12-1  |               |  |
| PFPeA                | 5.0     | ng/L                                                                                                           | 2.1    | 1                         | 09/10/24 06:15 | 09/12/24 00:17           | 2706-90-3   |               |  |
| PFPeS                | <0.19   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/12/24 00:17           | 2706-91-4   |               |  |
| PFDoA                | <0.23   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/12/24 00:17           | 307-55-1    |               |  |
| PFHpA                | 1.4     | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/12/24 00:17           | 375-85-9    |               |  |
| PFHxS                | 0.36J   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/12/24 00:17           | 355-46-4    |               |  |
| PFNA                 | 0.31J   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/12/24 00:17           | 375-95-1    |               |  |
| PFOS                 | <0.18   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/12/24 00:17           | 1763-23-1   |               |  |
| PFOA                 | 2.9     | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/12/24 00:17           | 335-67-1    |               |  |
| PFTeDA               | <0.29   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/12/24 00:17           | 376-06-7    |               |  |
| PFTrDA               | <0.20   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/12/24 00:17           | 72629-94-8  |               |  |
| PFUnA                | <0.26   | ng/L                                                                                                           | 1.0    | 1                         | 09/10/24 06:15 | 09/12/24 00:17           | 2058-94-8   |               |  |
| Surrogates           |         |                                                                                                                |        |                           |                |                          |             |               |  |
| 13C2-PFDoA (S)       | 72      | %.                                                                                                             | 10-130 | 1                         | 09/10/24 06:15 | 09/12/24 00:17           |             |               |  |
| 13C3HFPO-DA (S)      | 89      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/12/24 00:17           |             |               |  |
| 13C3-PFBS (S)        | 94      | %.                                                                                                             | 40-135 | 1                         | 09/10/24 06:15 | 09/12/24 00:17           |             |               |  |
| 13C3-PFHxS (S)       | 93      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/12/24 00:17           |             |               |  |
| 13C4-PFBA (S)        | 29      | %.                                                                                                             | 5-130  | 1                         | 09/10/24 06:15 | 09/12/24 00:17           |             |               |  |
| 13C4-PFHpA (S)       | 88      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/12/24 00:17           |             |               |  |
| 13C5-PFHxA (S)       | 89      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/12/24 00:17           |             |               |  |
| 13C5-PFPeA (S)       | 89      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/12/24 00:17           |             |               |  |
| 13C6-PFDA (S)        | 87      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/12/24 00:17           |             |               |  |
| 13C8-PFOA (S)        | 86      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/12/24 00:17           |             |               |  |
| 13C8-PFOS (S)        | 91      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/12/24 00:17           |             |               |  |
| 13C8-PFOSA (S)       | 83      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/12/24 00:17           |             |               |  |
| 13C9-PFNA (S)        | 89      | %.                                                                                                             | 40-130 | 1                         | 09/10/24 06:15 | 09/12/24 00:17           |             |               |  |
| d3-MeFOSAA (S)       | 81      | %.                                                                                                             | 40-170 | 1                         | 09/10/24 06:15 | 09/12/24 00:17           |             |               |  |
| d3-NMeFOSA (S)       | 77      | %.                                                                                                             | 10-130 | 1                         | 09/10/24 06:15 | 09/12/24 00:17           |             |               |  |

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## ANALYTICAL RESULTS

Project: 026096 Sunfish Lake PFAS Test

Pace Project No.: 10705049

|                      |     |                                                                                                                |        |                           |                |                          |          |               |      |
|----------------------|-----|----------------------------------------------------------------------------------------------------------------|--------|---------------------------|----------------|--------------------------|----------|---------------|------|
| Sample: HS-1         |     | Lab ID: 10705049006                                                                                            |        | Collected: 08/21/24 10:01 |                | Received: 08/21/24 16:15 |          | Matrix: Water |      |
| Parameters           |     | Results                                                                                                        | Units  | PQL                       | DF             | Prepared                 | Analyzed | CAS No.       | Qual |
| EPA 1633 DRAFT Water |     | Analytical Method: EPA 1633 DRAFT Preparation Method: EPA 1633 DRAFT<br>Pace Analytical Services - Minneapolis |        |                           |                |                          |          |               |      |
| Surrogates           |     |                                                                                                                |        |                           |                |                          |          |               |      |
| d5-EtFOSAA (S)       | 85  | %.                                                                                                             | 25-135 | 1                         | 09/10/24 06:15 | 09/12/24 00:17           |          |               |      |
| d5-NEtFOSA (S)       | 76  | %.                                                                                                             | 10-130 | 1                         | 09/10/24 06:15 | 09/12/24 00:17           |          |               |      |
| d7-NMeFOSE (S)       | 71  | %.                                                                                                             | 10-130 | 1                         | 09/10/24 06:15 | 09/12/24 00:17           |          |               |      |
| d9-NEtFOSE (S)       | 72  | %.                                                                                                             | 10-130 | 1                         | 09/10/24 06:15 | 09/12/24 00:17           |          |               |      |
| 13C2-PFTA (S)        | 51  | %.                                                                                                             | 10-130 | 1                         | 09/10/24 06:15 | 09/12/24 00:17           |          |               |      |
| 13C7-PFUdA (S)       | 84  | %.                                                                                                             | 30-130 | 1                         | 09/10/24 06:15 | 09/12/24 00:17           |          |               |      |
| 13C24:2FTS (S)       | 125 | %.                                                                                                             | 40-200 | 1                         | 09/10/24 06:15 | 09/12/24 00:17           |          |               |      |
| 13C26:2FTS (S)       | 113 | %.                                                                                                             | 40-200 | 1                         | 09/10/24 06:15 | 09/12/24 00:17           |          |               |      |
| 13C28:2FTS (S)       | 95  | %.                                                                                                             | 40-300 | 1                         | 09/10/24 06:15 | 09/12/24 00:17           |          |               |      |

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## QUALITY CONTROL DATA

Project: 026096 Sunfish Lake PFAS Test

Pace Project No.: 10705049

|                  |                |                       |                                        |
|------------------|----------------|-----------------------|----------------------------------------|
| QC Batch:        | 966675         | Analysis Method:      | EPA 1633 DRAFT                         |
| QC Batch Method: | EPA 1633 DRAFT | Analysis Description: | 1633 W                                 |
|                  |                | Laboratory:           | Pace Analytical Services - Minneapolis |

Associated Lab Samples: 10705049001, 10705049002, 10705049003, 10705049004, 10705049005, 10705049006

METHOD BLANK: 5051546

Matrix: Water

Associated Lab Samples: 10705049001, 10705049002, 10705049003, 10705049004, 10705049005, 10705049006

| Parameter       | Units | Blank Result | Reporting Limit | Analyzed       | Qualifiers |
|-----------------|-------|--------------|-----------------|----------------|------------|
| 11CI-PF3OUdS    | ng/L  | <0.76        | 3.9             | 09/11/24 21:25 |            |
| 4:2 FTS         | ng/L  | <0.47        | 3.9             | 09/11/24 21:25 |            |
| 6:2 FTS         | ng/L  | <0.96        | 3.9             | 09/11/24 21:25 |            |
| 8:2 FTS         | ng/L  | <1.0         | 3.9             | 09/11/24 21:25 |            |
| 9CI-PF3ONS      | ng/L  | <0.81        | 3.9             | 09/11/24 21:25 |            |
| HFPO-DA         | ng/L  | <0.76        | 3.9             | 09/11/24 21:25 |            |
| NEtFOSA         | ng/L  | <0.25        | 0.98            | 09/11/24 21:25 |            |
| NEtFOSAA        | ng/L  | <0.34        | 0.98            | 09/11/24 21:25 |            |
| NEtFOSE         | ng/L  | <3.1         | 9.8             | 09/11/24 21:25 |            |
| NMeFOSA         | ng/L  | <0.26        | 0.98            | 09/11/24 21:25 |            |
| NMeFOSAA        | ng/L  | <0.31        | 0.98            | 09/11/24 21:25 |            |
| PFBA            | ng/L  | <0.60        | 3.9             | 09/11/24 21:25 |            |
| PFBS            | ng/L  | <0.31        | 0.98            | 09/11/24 21:25 |            |
| PFDA            | ng/L  | <0.17        | 0.98            | 09/11/24 21:25 |            |
| PFDaA           | ng/L  | <0.22        | 0.98            | 09/11/24 21:25 |            |
| PFDoS           | ng/L  | <0.27        | 0.98            | 09/11/24 21:25 |            |
| PFDS            | ng/L  | <0.26        | 0.98            | 09/11/24 21:25 |            |
| PFHpA           | ng/L  | <0.21        | 0.98            | 09/11/24 21:25 |            |
| PFHpS           | ng/L  | <0.23        | 0.98            | 09/11/24 21:25 |            |
| PFHxA           | ng/L  | <0.15        | 0.98            | 09/11/24 21:25 |            |
| PFHxS           | ng/L  | <0.25        | 0.98            | 09/11/24 21:25 |            |
| PFNA            | ng/L  | <0.23        | 0.98            | 09/11/24 21:25 |            |
| PFNS            | ng/L  | <0.24        | 0.98            | 09/11/24 21:25 |            |
| PFOA            | ng/L  | <0.34        | 0.98            | 09/11/24 21:25 |            |
| PFOS            | ng/L  | <0.17        | 0.98            | 09/11/24 21:25 |            |
| PFPeA           | ng/L  | <0.29        | 2.0             | 09/11/24 21:25 |            |
| PFPeS           | ng/L  | <0.18        | 0.98            | 09/11/24 21:25 |            |
| PFTeDA          | ng/L  | <0.28        | 0.98            | 09/11/24 21:25 |            |
| PFTrDA          | ng/L  | <0.19        | 0.98            | 09/11/24 21:25 |            |
| PFUnA           | ng/L  | <0.25        | 0.98            | 09/11/24 21:25 |            |
| 13C2-PFDaA (S)  | %.    | 76           | 10-130          | 09/11/24 21:25 |            |
| 13C2-PFTA (S)   | %.    | 77           | 10-130          | 09/11/24 21:25 |            |
| 13C24:2FTS (S)  | %.    | 104          | 40-200          | 09/11/24 21:25 |            |
| 13C26:2FTS (S)  | %.    | 102          | 40-200          | 09/11/24 21:25 |            |
| 13C28:2FTS (S)  | %.    | 83           | 40-300          | 09/11/24 21:25 |            |
| 13C3-PFBS (S)   | %.    | 91           | 40-135          | 09/11/24 21:25 |            |
| 13C3-PFHxS (S)  | %.    | 92           | 40-130          | 09/11/24 21:25 |            |
| 13C3HFPO-DA (S) | %.    | 88           | 40-130          | 09/11/24 21:25 |            |
| 13C4-PFBA (S)   | %.    | 86           | 5-130           | 09/11/24 21:25 |            |
| 13C4-PFHpA (S)  | %.    | 87           | 40-130          | 09/11/24 21:25 |            |

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## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: 026096 Sunfish Lake PFAS Test  
Pace Project No.: 10705049

METHOD BLANK: 5051546

Matrix: Water

Associated Lab Samples: 10705049001, 10705049002, 10705049003, 10705049004, 10705049005, 10705049006

| Parameter      | Units | Blank Result | Reporting Limit | Analyzed       | Qualifiers |
|----------------|-------|--------------|-----------------|----------------|------------|
| 13C5-PFHxA (S) | %     | 86           | 40-130          | 09/11/24 21:25 |            |
| 13C5-PFPeA (S) | %     | 89           | 40-130          | 09/11/24 21:25 |            |
| 13C6-PFDA (S)  | %     | 85           | 40-130          | 09/11/24 21:25 |            |
| 13C7-PFUDa (S) | %     | 82           | 30-130          | 09/11/24 21:25 |            |
| 13C8-PFOA (S)  | %     | 89           | 40-130          | 09/11/24 21:25 |            |
| 13C8-PFOS (S)  | %     | 85           | 40-130          | 09/11/24 21:25 |            |
| 13C8-PFOSA (S) | %     | 80           | 40-130          | 09/11/24 21:25 |            |
| 13C9-PFNA (S)  | %     | 83           | 40-130          | 09/11/24 21:25 |            |
| d3-MeFOSAA (S) | %     | 80           | 40-170          | 09/11/24 21:25 |            |
| d3-NMeFOSA (S) | %     | 69           | 10-130          | 09/11/24 21:25 |            |
| d5-EtFOSAA (S) | %     | 84           | 25-135          | 09/11/24 21:25 |            |
| d5-NEtFOSA (S) | %     | 76           | 10-130          | 09/11/24 21:25 |            |
| d7-NMeFOSE (S) | %     | 82           | 10-130          | 09/11/24 21:25 |            |
| d9-NEtFOSE (S) | %     | 85           | 10-130          | 09/11/24 21:25 |            |

LABORATORY CONTROL SAMPLE & LCSD: 5051547

5051548

| Parameter    | Units | Spike Conc. | LCS Result | LCSD Result | LCS % Rec | LCSD % Rec | % Rec Limits | RPD | Max RPD | Qualifiers |
|--------------|-------|-------------|------------|-------------|-----------|------------|--------------|-----|---------|------------|
| 11CI-PF3OUdS | ng/L  | 88.7        | 78.2       | 82.1        | 88        | 92         | 55-160       | 5   | 30      |            |
| 4:2 FTS      | ng/L  | 88.1        | 82.2       | 83.2        | 93        | 93         | 70-145       | 1   | 30      |            |
| 6:2 FTS      | ng/L  | 89.3        | 88.0       | 90.6        | 99        | 100        | 65-155       | 3   | 30      |            |
| 8:2 FTS      | ng/L  | 90.5        | 91.6       | 92.9        | 101       | 102        | 60-150       | 1   | 30      |            |
| 9CI-PF3ONS   | ng/L  | 88.1        | 84.9       | 87.6        | 96        | 98         | 70-155       | 3   | 30      |            |
| HFPO-DA      | ng/L  | 94          | 88.1       | 93.3        | 94        | 98         | 70-140       | 6   | 30      |            |
| NEtFOSA      | ng/L  | 23.5        | 18.8       | 19.7        | 80        | 83         | 65-145       | 4   | 30      |            |
| NEtFOSAA     | ng/L  | 23.5        | 19.8       | 20.6        | 84        | 87         | 70-145       | 4   | 30      |            |
| NEtFOSE      | ng/L  | 235         | 220        | 220         | 93        | 93         | 70-135       | 0   | 30      |            |
| NMeFOSA      | ng/L  | 23.5        | 19.8       | 20.1        | 84        | 84         | 60-150       | 2   | 30      |            |
| NMeFOSAA     | ng/L  | 23.5        | 21.9       | 20.9        | 93        | 88         | 50-140       | 4   | 30      |            |
| PFBA         | ng/L  | 94          | 84.4       | 85.7        | 90        | 90         | 70-140       | 2   | 30      |            |
| PFBS         | ng/L  | 20.9        | 18.5       | 18.4        | 89        | 87         | 60-145       | 0   | 30      |            |
| PFDA         | ng/L  | 23.5        | 21.3       | 21.4        | 90        | 90         | 70-140       | 1   | 30      |            |
| PFDaA        | ng/L  | 23.5        | 22.0       | 21.9        | 94        | 92         | 70-140       | 1   | 30      |            |
| PFDoS        | ng/L  | 22.8        | 18.3       | 18.5        | 80        | 80         | 50-145       | 1   | 30      |            |
| PFDS         | ng/L  | 22.7        | 18.8       | 18.5        | 83        | 81         | 60-145       | 2   | 30      |            |
| PFHpA        | ng/L  | 23.5        | 21.2       | 22.4        | 90        | 94         | 70-150       | 5   | 30      |            |
| PFHpS        | ng/L  | 22.4        | 19.3       | 19.9        | 86        | 88         | 70-150       | 3   | 30      |            |
| PFHxA        | ng/L  | 23.5        | 21.7       | 21.9        | 92        | 92         | 70-145       | 1   | 30      |            |
| PFHxS        | ng/L  | 21.5        | 18.0       | 18.7        | 84        | 86         | 65-145       | 4   | 30      |            |
| PFNA         | ng/L  | 23.5        | 20.6       | 20.9        | 88        | 88         | 70-150       | 1   | 30      |            |
| PFNS         | ng/L  | 22.6        | 19.7       | 19.8        | 87        | 86         | 65-145       | 0   | 30      |            |
| PFOA         | ng/L  | 23.5        | 21.3       | 21.7        | 91        | 91         | 70-150       | 2   | 30      |            |
| PFOS         | ng/L  | 21.8        | 19.2       | 19.0        | 88        | 86         | 55-150       | 1   | 30      |            |
| PFPeA        | ng/L  | 47          | 42.9       | 43.6        | 91        | 92         | 65-135       | 2   | 30      |            |

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## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: 026096 Sunfish Lake PFAS Test

Pace Project No.: 10705049

LABORATORY CONTROL SAMPLE &amp; LCSD: 5051547

| LABORATORY CONTROL SAMPLE & LCSD: 5051547 |       |             |            | 5051548     |           |            |              |     |         |            |
|-------------------------------------------|-------|-------------|------------|-------------|-----------|------------|--------------|-----|---------|------------|
| Parameter                                 | Units | Spike Conc. | LCS Result | LCSD Result | LCS % Rec | LCSD % Rec | % Rec Limits | RPD | Max RPD | Qualifiers |
| PFPeS                                     | ng/L  | 22.1        | 19.8       | 20.5        | 90        | 92         | 65-140       | 3   | 30      |            |
| PFTeDA                                    | ng/L  | 23.5        | 21.8       | 21.9        | 93        | 92         | 60-140       | 0   | 30      |            |
| PFTrDA                                    | ng/L  | 23.5        | 21.7       | 21.8        | 92        | 92         | 65-140       | 0   | 30      |            |
| PFUnA                                     | ng/L  | 23.5        | 21.2       | 21.3        | 90        | 90         | 70-145       | 1   | 30      |            |
| 13C2-PFDoA (S)                            | %.    |             |            |             | 80        | 83         | 10-130       |     |         |            |
| 13C2-PFTA (S)                             | %.    |             |            |             | 81        | 84         | 10-130       |     |         |            |
| 13C24:2FTS (S)                            | %.    |             |            |             | 102       | 100        | 40-200       |     |         |            |
| 13C26:2FTS (S)                            | %.    |             |            |             | 99        | 97         | 40-200       |     |         |            |
| 13C28:2FTS (S)                            | %.    |             |            |             | 88        | 90         | 40-300       |     |         |            |
| 13C3-PFBS (S)                             | %.    |             |            |             | 94        | 94         | 40-135       |     |         |            |
| 13C3-PFHxS (S)                            | %.    |             |            |             | 95        | 92         | 40-130       |     |         |            |
| 13C3HFPO-DA (S)                           | %.    |             |            |             | 89        | 84         | 40-130       |     |         |            |
| 13C4-PFBA (S)                             | %.    |             |            |             | 91        | 90         | 5-130        |     |         |            |
| 13C4-PFHpA (S)                            | %.    |             |            |             | 91        | 87         | 40-130       |     |         |            |
| 13C5-PFHxA (S)                            | %.    |             |            |             | 90        | 87         | 40-130       |     |         |            |
| 13C5-PFPeA (S)                            | %.    |             |            |             | 91        | 89         | 40-130       |     |         |            |
| 13C6-PFDA (S)                             | %.    |             |            |             | 90        | 91         | 40-130       |     |         |            |
| 13C7-PFUdA (S)                            | %.    |             |            |             | 88        | 89         | 30-130       |     |         |            |
| 13C8-PFOA (S)                             | %.    |             |            |             | 90        | 87         | 40-130       |     |         |            |
| 13C8-PFOS (S)                             | %.    |             |            |             | 93        | 93         | 40-130       |     |         |            |
| 13C8-PFOSA (S)                            | %.    |             |            |             | 85        | 80         | 40-130       |     |         |            |
| 13C9-PFNA (S)                             | %.    |             |            |             | 90        | 87         | 40-130       |     |         |            |
| d3-MeFOSAA (S)                            | %.    |             |            |             | 86        | 86         | 40-170       |     |         |            |
| d3-NMeFOSA (S)                            | %.    |             |            |             | 78        | 71         | 10-130       |     |         |            |
| d5-EtFOSAA (S)                            | %.    |             |            |             | 90        | 88         | 25-135       |     |         |            |
| d5-NEtFOSA (S)                            | %.    |             |            |             | 85        | 76         | 10-130       |     |         |            |
| d7-NMeFOSE (S)                            | %.    |             |            |             | 90        | 81         | 10-130       |     |         |            |
| d9-NEtFOSE (S)                            | %.    |             |            |             | 93        | 84         | 10-130       |     |         |            |

LABORATORY CONTROL SAMPLE: 5051549

| Parameter    | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|--------------|-------|-------------|------------|-----------|--------------|------------|
| 11Cl-PF3OUdS | ng/L  | 7.4         | 5.9        | 80        | 55-160       |            |
| 4:2 FTS      | ng/L  | 7.3         | 6.1        | 83        | 70-145       |            |
| 6:2 FTS      | ng/L  | 7.4         | 6.5        | 87        | 65-155       |            |
| 8:2 FTS      | ng/L  | 7.5         | 6.9        | 91        | 60-150       |            |
| 9Cl-PF3ONS   | ng/L  | 7.3         | 6.5        | 88        | 70-155       |            |
| HFPO-DA      | ng/L  | 7.8         | 6.7        | 85        | 70-140       |            |
| NEtFOSA      | ng/L  | 2           | 1.5        | 78        | 65-145       |            |
| NEtFOSAA     | ng/L  | 2           | 1.6        | 82        | 70-145       |            |
| NEtFOSE      | ng/L  | 19.6        | 16.5       | 84        | 70-135       |            |
| NMeFOSA      | ng/L  | 2           | 1.5        | 77        | 60-150       |            |
| NMeFOSAA     | ng/L  | 2           | 1.6        | 84        | 50-140       |            |
| PFBA         | ng/L  | 7.8         | 6.7        | 86        | 70-140       |            |
| PFBS         | ng/L  | 1.7         | 1.6        | 92        | 60-145       |            |

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## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: 026096 Sunfish Lake PFAS Test

Pace Project No.: 10705049

LABORATORY CONTROL SAMPLE: 5051549

| Parameter       | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------------|-------|-------------|------------|-----------|--------------|------------|
| PFDA            | ng/L  | 2           | 1.5        | 79        | 70-140       |            |
| PFDaA           | ng/L  | 2           | 1.6        | 82        | 70-140       |            |
| PFDoS           | ng/L  | 1.9         | 1.4        | 72        | 50-145       |            |
| PFDS            | ng/L  | 1.9         | 1.5        | 77        | 60-145       |            |
| PFHpA           | ng/L  | 2           | 1.6        | 84        | 70-150       |            |
| PFHpS           | ng/L  | 1.9         | 1.4        | 75        | 70-150       |            |
| PFHxA           | ng/L  | 2           | 1.7        | 86        | 70-145       |            |
| PFHxS           | ng/L  | 1.8         | 1.5        | 85        | 65-145       |            |
| PFNA            | ng/L  | 2           | 1.6        | 81        | 70-150       |            |
| PFNS            | ng/L  | 1.9         | 1.4        | 76        | 65-145       |            |
| PFOA            | ng/L  | 2           | 1.6        | 83        | 70-150       |            |
| PFOS            | ng/L  | 1.8         | 1.6        | 90        | 55-150       |            |
| PFPeA           | ng/L  | 3.9         | 3.3        | 83        | 65-135       |            |
| PFPeS           | ng/L  | 1.8         | 1.6        | 87        | 65-140       |            |
| PFTeDA          | ng/L  | 2           | 1.6        | 81        | 60-140       |            |
| PFTrDA          | ng/L  | 2           | 1.6        | 81        | 65-140       |            |
| PFUnA           | ng/L  | 2           | 1.5        | 78        | 70-145       |            |
| 13C2-PFDaA (S)  | %     |             |            | 83        | 10-130       |            |
| 13C2-PFTA (S)   | %     |             |            | 84        | 10-130       |            |
| 13C24:2FTS (S)  | %     |             |            | 116       | 40-200       |            |
| 13C26:2FTS (S)  | %     |             |            | 114       | 40-200       |            |
| 13C28:2FTS (S)  | %     |             |            | 100       | 40-300       |            |
| 13C3-PFBS (S)   | %     |             |            | 98        | 40-135       |            |
| 13C3-PFHxS (S)  | %     |             |            | 99        | 40-130       |            |
| 13C3HFPO-DA (S) | %     |             |            | 88        | 40-130       |            |
| 13C4-PFBA (S)   | %     |             |            | 89        | 5-130        |            |
| 13C4-PFHpA (S)  | %     |             |            | 92        | 40-130       |            |
| 13C5-PFHxA (S)  | %     |             |            | 90        | 40-130       |            |
| 13C5-PFPeA (S)  | %     |             |            | 92        | 40-130       |            |
| 13C6-PFDA (S)   | %     |             |            | 93        | 40-130       |            |
| 13C7-PFUdA (S)  | %     |             |            | 88        | 30-130       |            |
| 13C8-PFOA (S)   | %     |             |            | 93        | 40-130       |            |
| 13C8-PFOS (S)   | %     |             |            | 94        | 40-130       |            |
| 13C8-PFOSA (S)  | %     |             |            | 80        | 40-130       |            |
| 13C9-PFNA (S)   | %     |             |            | 90        | 40-130       |            |
| d3-MeFOSAA (S)  | %     |             |            | 84        | 40-170       |            |
| d3-NMeFOSA (S)  | %     |             |            | 64        | 10-130       |            |
| d5-EtFOSAA (S)  | %     |             |            | 88        | 25-135       |            |
| d5-NEtFOSA (S)  | %     |             |            | 68        | 10-130       |            |
| d7-NMeFOSE (S)  | %     |             |            | 76        | 10-130       |            |
| d9-NEtFOSE (S)  | %     |             |            | 78        | 10-130       |            |

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## QUALIFIERS

Project: 026096 Sunfish Lake PFAS Test  
Pace Project No.: 10705049

---

### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

### WORKORDER QUALIFIERS

WO: 10705049

[1] Samples were received outside of the recommended temperature range of 0-6 degrees Celsius. The samples were received from the field on ice.

## REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 026096 Sunfish Lake PFAS Test  
Pace Project No.: 10705049

| Lab ID      | Sample ID | QC Batch Method | QC Batch | Analytical Method | Analytical Batch |
|-------------|-----------|-----------------|----------|-------------------|------------------|
| 10705049001 | HB-2      | EPA 1633 DRAFT  | 966675   | EPA 1633 DRAFT    | 967875           |
| 10705049002 | HB-1      | EPA 1633 DRAFT  | 966675   | EPA 1633 DRAFT    | 967875           |
| 10705049003 | HS-2      | EPA 1633 DRAFT  | 966675   | EPA 1633 DRAFT    | 967875           |
| 10705049004 | SF-2      | EPA 1633 DRAFT  | 966675   | EPA 1633 DRAFT    | 967875           |
| 10705049005 | SF-1      | EPA 1633 DRAFT  | 966675   | EPA 1633 DRAFT    | 967875           |
| 10705049006 | HS-1      | EPA 1633 DRAFT  | 966675   | EPA 1633 DRAFT    | 967875           |

REPORT OF LABORATORY ANALYSIS

10705049



**Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields**

| Additional Instructions from Page:     |                    | Collected By:<br>Printed Name | Signature                                       |
|----------------------------------------|--------------------|-------------------------------|-------------------------------------------------|
| Relinquished by (Company): (Signature) | Don O'Brien / WS B | Don O'Brien                   | Don O'Brien                                     |
| Relinquished by (Company): (Signature) |                    | Date/Time: 8-21-24/16:15      | Received by (Company): (Signature)<br>M. Melzer |
| Relinquished by (Company): (Signature) |                    | Date/Time:                    | Received by (Company): (Signature)              |
| Relinquished by (Company): (Signature) |                    | Date/Time:                    | Received by (Company): (Signature)              |
| Relinquished by (Company): (Signature) |                    | Date/Time:                    | Received by (Company): (Signature)              |

33 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at <https://info.pacelabs.com/hubfs/pas-standard-terms.pdf>.

# ENV-FRM-MIN4-0150 v17\_Sample Condition Upon Receipt

CLIENT NAME: WSB PROJECT #: \_\_\_\_\_

COURIER: ☒ Client ☐ Commercial ☐ FedEx ☐ Pace  
☐ Speedee ☐ UPS ☐ USPS

TRACKING NUMBER: \_\_\_\_\_ ☐ See Exceptions form ENV-FRM-MIN4-0142

**WO#: 10705049**

PM: AKA Due Date: 09/20/24

CLIENT: WSB

Custody Seal on Cooler/Box Present: ☐ YES ☒ NO Seals Intact: ☐ YES ☒ NO Biological Issue Frozen: ☐ YES ☐ NO ☒ N/A

Packing Material: ☐ Bubble Bags ☐ Bubble Wrap ☒ None ☐ Other Temp Blank: ☐ YES ☒ NO Type of Ice: ☐ Blue ☐ Dry ☒ Wet  
☐ Melted ☐ None

Thermometer: ☐ T1 (0461) ☐ T2 (0436) ☒ T3 (0459) ☐ T4 (0402) ☐ T5 (0178) ☐ T6 (0235)  
☐ T7 (0042) ☐ T8 (0775) ☐ T9 (0727) ☐ 01339252 (1710)

Did Samples Originate in West Virginia: ☐ YES ☒ NO Were All Container Temps taken: ☐ YES ☐ NO ☒ N/A

Correction Factor: -0.2 Cooler Temp Read w/Temp Blank: \_\_\_\_\_ °C Average Corrected Temp (no Temp Blank Only): 14.5 °C  
Cooler Temp Corrected w/Temp Blank: \_\_\_\_\_ °C

NOTE: Temp should be above freezing to 6°C. ☐ See Exceptions Form ENV-FRM-MIN4-0142 ☐ 1 Container

USDA Regulated Soil: ☒ N/A (Water) Sample/Other (describe): \_\_\_\_\_ Initials & Date of Person Examining Contents: EC 8-24-24

Did Samples originate from one of the following states (check maps) – AL, AR, AZ, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA: ☐ YES ☐ NO Did samples originate from a foreign source (international, including Hawaii and Puerto Rico): ☐ YES ☐ NO

NOTE: If YES to either question, fill out a Regulated Soil Checklist (ENV-FRM-MIN4-0154) and include with SCUR/COC paperwork.

| LOCATION (check one): <input type="checkbox"/> DULUTH <input checked="" type="checkbox"/> MINNEAPOLIS <input type="checkbox"/> VIRGINIA                                                                                                                                                                                                               | YES                                 | NO                                  | N/A                                 | COMMENT(S)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                   |          |           |            |  |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------|-----------|------------|--|--|--|--|
| Chain of Custody Present and Filled Out?                                                                                                                                                                                                                                                                                                              | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |                                     | 1.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                   |          |           |            |  |  |  |  |
| Chain of Custody Relinquished?                                                                                                                                                                                                                                                                                                                        | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |                                     | 2.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                   |          |           |            |  |  |  |  |
| Sampler Name and/or Signature on COC?                                                                                                                                                                                                                                                                                                                 | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | 3.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                   |          |           |            |  |  |  |  |
| Samples Arrived within Hold Time?                                                                                                                                                                                                                                                                                                                     | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |                                     | 4. If Fecal: <input type="checkbox"/> <8 hrs <input type="checkbox"/> >8 hr, <24 hr <input type="checkbox"/> No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |          |           |            |  |  |  |  |
| Short Hold Time Analysis (<72 hr)?                                                                                                                                                                                                                                                                                                                    | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |                                     | 5. <input type="checkbox"/> BOD / cBOD <input type="checkbox"/> Fecal coliform <input type="checkbox"/> Hex Chrom.<br><input type="checkbox"/> HPC <input type="checkbox"/> Nitrate <input type="checkbox"/> Nitrite <input type="checkbox"/> Ortho Phos<br><input type="checkbox"/> Total coliform/E. coli <input type="checkbox"/> Other: _____                                                                                                                                                                                                                                                                    |                   |          |           |            |  |  |  |  |
| Rush Turn Around Time Requested?                                                                                                                                                                                                                                                                                                                      | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |                                     | 6.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                   |          |           |            |  |  |  |  |
| Sufficient Sample Volume?                                                                                                                                                                                                                                                                                                                             | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |                                     | 7.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                   |          |           |            |  |  |  |  |
| Correct Containers Used?                                                                                                                                                                                                                                                                                                                              | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | 8.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                   |          |           |            |  |  |  |  |
| – Pace Containers Used?                                                                                                                                                                                                                                                                                                                               | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |          |           |            |  |  |  |  |
| Containers Intact?                                                                                                                                                                                                                                                                                                                                    | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |                                     | 9.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                   |          |           |            |  |  |  |  |
| Field Filtered Volume Received for Dissolved Tests?                                                                                                                                                                                                                                                                                                   | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | 10. Is sediment visible in the dissolved container:<br><input type="checkbox"/> YES <input type="checkbox"/> NO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |          |           |            |  |  |  |  |
| Is sufficient information available to reconcile the samples to the COC?<br>NOTE: If ID/Date/Time don't match fill out section 11.<br>Matrix: <input type="checkbox"/> Oil <input type="checkbox"/> Soil <input checked="" type="checkbox"/> Water <input type="checkbox"/> Other                                                                     | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |                                     | 11. If NO, write ID/Date/Time of container below:<br><input type="checkbox"/> See Exceptions form ENV-FRM-MIN4-0142                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                   |          |           |            |  |  |  |  |
| All containers needing acid/base preservation have been checked?<br>All containers needing preservation are found to be in compliance with EPA recommendation? (HNO <sub>3</sub> , H <sub>2</sub> SO <sub>4</sub> < 2 pH, NaOH > 9 Sulfide, NaOH > 10 Cyanide)<br>Exceptions: VOA, Coliform, TOC/DOC, Oil & Grease, DRO/8015 (water) and Dioxins/PFAS | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | 12. Sample #:<br><input type="checkbox"/> HNO <sub>3</sub> <input type="checkbox"/> H <sub>2</sub> SO <sub>4</sub> <input type="checkbox"/> NaOH <input type="checkbox"/> Zinc Acetate<br>Positive for Residual Chlorine: <input type="checkbox"/> YES <input type="checkbox"/> NO<br><p style="text-align: center;"><b>pH Paper Lot #</b></p> <table border="1" style="width: 100%;"> <tr> <th>Residual Chlorine</th> <th>0-6 Roll</th> <th>0-6 Strip</th> <th>0-14 Strip</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table> <input type="checkbox"/> See Exceptions form ENV-FRM-MIN4-0142 | Residual Chlorine | 0-6 Roll | 0-6 Strip | 0-14 Strip |  |  |  |  |
| Residual Chlorine                                                                                                                                                                                                                                                                                                                                     | 0-6 Roll                            | 0-6 Strip                           | 0-14 Strip                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |          |           |            |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                       |                                     |                                     |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |          |           |            |  |  |  |  |
| NOTE: If adding preservation to the container, verify with the PM first.<br>Clients may require adding preservative to the field and equipment blanks when this occurs.                                                                                                                                                                               |                                     |                                     |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |          |           |            |  |  |  |  |
| Headspace in Methyl Mercury Container?                                                                                                                                                                                                                                                                                                                | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | 13.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                   |          |           |            |  |  |  |  |
| Extra labels present on soil VOA or WIDRO containers?                                                                                                                                                                                                                                                                                                 | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | 14.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                   |          |           |            |  |  |  |  |
| Headspace in VOA Vials (greater than 6mm)?                                                                                                                                                                                                                                                                                                            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> See Exceptions form ENV-FRM-MIN4-0140                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   |          |           |            |  |  |  |  |
| Trip Blanks Present?                                                                                                                                                                                                                                                                                                                                  | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | 15.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                   |          |           |            |  |  |  |  |
| Trip Blank Custody Seals Present?                                                                                                                                                                                                                                                                                                                     | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | Pace Trip Blank Lot # (if purchased): _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |          |           |            |  |  |  |  |

CLIENT NOTIFICATION / RESOLUTION FIELD DATA REQUIRED: ☐ YES ☐ NO

Person Contacted: \_\_\_\_\_ Date & Time: \_\_\_\_\_

Comments / Resolution: \_\_\_\_\_

Project Manager Review: Anna Asp Date: 8/22/2024

NOTE: When there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEQ Certification Office (i.e., out of hold, incorrect preservative, out of temp, incorrect containers).

Labeled By: CC Line: 2

Workorder #: \_\_\_\_\_

| No Temp Blank |                |              |
|---------------|----------------|--------------|
| Read Temp     | Corrected Temp | Average temp |
| 16.8          | 16.6           | 14.5         |
| 13.3          | 13.1           |              |
| 14.1          | 13.9           |              |
| 14.4          | 14.2           |              |

|                                                                                                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PM Notified of Out of Temp Cooler?</b> <input type="checkbox"/> YES <input type="checkbox"/> NO<br>If yes, indicate who was contacted, date and time.<br>If no, indicate reason why.<br>_____ |
| <b>Multiple Cooler Project?</b> <input type="checkbox"/> YES <input type="checkbox"/> NO                                                                                                         |

If anything is OVER 6.0°C, you **MUST** document containers in this section **HERE**



| Tracking Number | Temperature |
|-----------------|-------------|
|                 |             |
|                 |             |
|                 |             |
|                 |             |
|                 |             |
|                 |             |
|                 |             |
|                 |             |
|                 |             |
|                 |             |



| Out of Temp Sample ID | Container Type | # of Containers |
|-----------------------|----------------|-----------------|
|                       |                |                 |
|                       |                |                 |
|                       |                |                 |
|                       |                |                 |
|                       |                |                 |
|                       |                |                 |
|                       |                |                 |
|                       |                |                 |
|                       |                |                 |
|                       |                |                 |

pH Adjustment Log for Preserved Samples

| Sample ID | Type Of Preserve | pH Upon Receipt | Date Adjusted | Time Adjusted | Amount Added (mL) | Lot # Added | pH After | In Compliance After Addition? |                          | Initials |
|-----------|------------------|-----------------|---------------|---------------|-------------------|-------------|----------|-------------------------------|--------------------------|----------|
|           |                  |                 |               |               |                   |             |          | YES                           | NO                       |          |
|           |                  |                 |               |               |                   |             |          | <input type="checkbox"/>      | <input type="checkbox"/> |          |
|           |                  |                 |               |               |                   |             |          | <input type="checkbox"/>      | <input type="checkbox"/> |          |
|           |                  |                 |               |               |                   |             |          | <input type="checkbox"/>      | <input type="checkbox"/> |          |
|           |                  |                 |               |               |                   |             |          | <input type="checkbox"/>      | <input type="checkbox"/> |          |
|           |                  |                 |               |               |                   |             |          | <input type="checkbox"/>      | <input type="checkbox"/> |          |
|           |                  |                 |               |               |                   |             |          | <input type="checkbox"/>      | <input type="checkbox"/> |          |
|           |                  |                 |               |               |                   |             |          | <input type="checkbox"/>      | <input type="checkbox"/> |          |
|           |                  |                 |               |               |                   |             |          | <input type="checkbox"/>      | <input type="checkbox"/> |          |

Comments:

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October 22, 2024

Dan O'Neill  
WSB & Associates  
178 East 9th St  
Suite 200  
Saint Paul, MN 55101

RE: Project: Sunfish Lake PFAS 2024  
Pace Project No.: 10705584

Dear Dan O'Neill:

Enclosed are the analytical results for sample(s) received by the laboratory on August 27, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Green Bay
- Pace Analytical Services - Minneapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in blue ink, appearing to read "Annika Asp".

Annika Asp  
annika.asp@pacelabs.com  
(612)607-1700  
Project Manager

Enclosures



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: Sunfish Lake PFAS 2024

Pace Project No.: 10705584

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### Pace Analytical Services, LLC - Minneapolis MN

1700 Elm Street SE, Minneapolis, MN 55414

Alabama Certification #: 40770

Alaska Contaminated Sites Certification #: 17-009

Alaska DW Certification #: MN00064

Arizona Certification #: AZ0014

Arkansas DW Certification #: MN00064

Arkansas WW Certification #: 88-0680

California Certification #: 2929

Colorado Certification #: MN00064

Connecticut Certification #: PH-0256

DoD Certification via A2LA #: 2926.01

EPA Region 8 Tribal Water Systems+Wyoming DW  
Certification #: via MN 027-053-137

Florida Certification #: E87605

Georgia Certification #: 959

GMP+ Certification #: GMP050884

Hawaii Certification #: MN00064

Idaho Certification #: MN00064

Illinois Certification #: 200011

Indiana Certification #: C-MN-01

Iowa Certification #: 368

ISO/IEC 17025 Certification via A2LA #: 2926.01

Kansas Certification #: E-10167

Kentucky DW Certification #: 90062

Kentucky WW Certification #: 90062

Louisiana DEQ Certification #: AI-03086

Louisiana DW Certification #: MN00064

Maine Certification #: MN00064

Maryland Certification #: 322

Michigan Certification #: 9909

Minnesota Certification #: 027-053-137

Minnesota Dept of Ag Approval: via MN 027-053-137

Minnesota Petrofund Registration #: 1240

Mississippi Certification #: MN00064

Missouri Certification #: 10100

Montana Certification #: CERT0092

Nebraska Certification #: NE-OS-18-06

Nevada Certification #: MN00064

New Hampshire Certification #: 2081

New Jersey Certification #: MN002

New York Certification #: 11647

North Carolina DW Certification #: 27700

North Carolina WW Certification #: 530

North Dakota Certification (A2LA) #: R-036

North Dakota Certification (MN) #: R-036

Ohio DW Certification #: 41244

Ohio VAP Certification (1700) #: CL101

Oklahoma Certification #: 9507

Oregon Primary Certification #: MN300001

Oregon Secondary Certification #: MN200001

Pennsylvania Certification #: 68-00563

Puerto Rico Certification #: MN00064

South Carolina Certification #: 74003001

Tennessee Certification #: TN02818

Texas Certification #: T104704192

Utah Certification #: MN00064

Vermont Certification #: VT-027053137

Virginia Certification #: 460163

Washington Certification #: C486

West Virginia DEP Certification #: 382

West Virginia DW Certification #: 9952 C

Wisconsin Certification #: 999407970

Wyoming UST Certification via A2LA #: 2926.01

USDA Permit #: P330-19-00208

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### Pace Analytical Services Green Bay

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

South Carolina Certification #: 83006001

Texas Certification #: T104704529-21-8

Virginia VELAP Certification ID: 11873

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-21-00008

Federal Fish & Wildlife Permit #: 51774A

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: Sunfish Lake PFAS 2024

Pace Project No.: 10705584

| Lab ID      | Sample ID | Matrix | Date Collected | Date Received  |
|-------------|-----------|--------|----------------|----------------|
| 10705584001 | SF-LMB    | Tissue | 08/21/24 13:35 | 08/27/24 08:10 |
| 10705584002 | SF-SF-2   | Tissue | 08/21/24 14:02 | 08/27/24 08:10 |
| 10705584003 | HB-YP     | Tissue | 08/21/24 11:07 | 08/27/24 08:10 |
| 10705584004 | HB-SF-2   | Tissue | 08/21/24 11:31 | 08/27/24 08:10 |
| 10705584005 | HB-SF-1   | Tissue | 08/21/24 11:24 | 08/27/24 08:10 |
| 10705584006 | HS-BB-1   | Tissue | 08/21/24 08:49 | 08/27/24 08:10 |
| 10705584007 | HS-BB-2   | Tissue | 08/21/24 09:31 | 08/27/24 08:10 |
| 10705584008 | HS-LMB    | Tissue | 08/21/24 09:01 | 08/27/24 08:10 |
| 10705584009 | SF-SF-1   | Tissue | 08/21/24 13:21 | 08/27/24 08:10 |

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## SAMPLE ANALYTE COUNT

Project: Sunfish Lake PFAS 2024

Pace Project No.: 10705584

| Lab ID      | Sample ID | Method         | Analysts | Analytes Reported | Laboratory |
|-------------|-----------|----------------|----------|-------------------|------------|
| 10705584001 | SF-LMB    | ASTM D2974     | NJ1      | 1                 | PASI-M     |
|             |           | Pace SOP       | CWN      | 1                 | PASI-G     |
|             |           | EPA 1633 DRAFT | NBH      | 56                | PASI-M     |
| 10705584002 | SF-SF-2   | ASTM D2974     | NJ1      | 1                 | PASI-M     |
|             |           | Pace SOP       | CWN      | 1                 | PASI-G     |
|             |           | EPA 1633 DRAFT | NBH      | 56                | PASI-M     |
| 10705584003 | HB-YP     | ASTM D2974     | NJ1      | 1                 | PASI-M     |
|             |           | Pace SOP       | CWN      | 1                 | PASI-G     |
|             |           | EPA 1633 DRAFT | NBH      | 56                | PASI-M     |
| 10705584004 | HB-SF-2   | ASTM D2974     | NJ1      | 1                 | PASI-M     |
|             |           | Pace SOP       | CWN      | 1                 | PASI-G     |
|             |           | EPA 1633 DRAFT | NBH      | 56                | PASI-M     |
| 10705584005 | HB-SF-1   | ASTM D2974     | NJ1      | 1                 | PASI-M     |
|             |           | Pace SOP       | CWN      | 1                 | PASI-G     |
|             |           | EPA 1633 DRAFT | NBH      | 56                | PASI-M     |
| 10705584006 | HS-BB-1   | ASTM D2974     | NJ1      | 1                 | PASI-M     |
|             |           | Pace SOP       | CWN      | 1                 | PASI-G     |
|             |           | EPA 1633 DRAFT | NBH      | 56                | PASI-M     |
| 10705584007 | HS-BB-2   | ASTM D2974     | NJ1      | 1                 | PASI-M     |
|             |           | Pace SOP       | CWN      | 1                 | PASI-G     |
|             |           | EPA 1633 DRAFT | NBH      | 56                | PASI-M     |
| 10705584008 | HS-LMB    | ASTM D2974     | NJ1      | 1                 | PASI-M     |
|             |           | Pace SOP       | CWN      | 1                 | PASI-G     |
|             |           | EPA 1633 DRAFT | NBH      | 56                | PASI-M     |
| 10705584009 | SF-SF-1   | ASTM D2974     | NJ1      | 1                 | PASI-M     |
|             |           | Pace SOP       | CWN      | 1                 | PASI-G     |
|             |           | EPA 1633 DRAFT | MJL      | 56                | PASI-M     |

PASI-G = Pace Analytical Services - Green Bay

PASI-M = Pace Analytical Services - Minneapolis

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Sunfish Lake PFAS 2024

Pace Project No.: 10705584

Sample: SF-LMB Lab ID: 10705584001 Collected: 08/21/24 13:35 Received: 08/27/24 08:10 Matrix: Tissue

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters                                                           | Results             | Units | PQL  | DF | Prepared       | Analyzed       | CAS No.     | Qual |
|----------------------------------------------------------------------|---------------------|-------|------|----|----------------|----------------|-------------|------|
| <b>Dry Weight / %M by ASTM D2974</b>                                 |                     |       |      |    |                |                |             |      |
| Analytical Method: ASTM D2974                                        |                     |       |      |    |                |                |             |      |
| Pace Analytical Services - Minneapolis                               |                     |       |      |    |                |                |             |      |
| Percent Moisture                                                     | 79.4                | %     | 0.10 | 1  |                | 09/25/24 14:11 |             | N2   |
| <b>Grinding</b>                                                      |                     |       |      |    |                |                |             |      |
| Analytical Method: Pace SOP                                          |                     |       |      |    |                |                |             |      |
| Pace Analytical Services - Green Bay                                 |                     |       |      |    |                |                |             |      |
| Grind Date                                                           | 08/28/2024<br>11:04 |       |      | 1  |                | 08/28/24 11:04 |             |      |
| <b>EPA 1633 DRAFT Tissue</b>                                         |                     |       |      |    |                |                |             |      |
| Analytical Method: EPA 1633 DRAFT Preparation Method: EPA 1633 DRAFT |                     |       |      |    |                |                |             |      |
| Pace Analytical Services - Minneapolis                               |                     |       |      |    |                |                |             |      |
| 11CI-PF3OUdS                                                         | <0.57               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/02/24 19:18 | 763051-92-9 |      |
| 3:3 FTCA                                                             | <1.1                | ug/kg | 2.5  | 1  | 10/01/24 13:38 | 10/02/24 19:18 | 356-02-5    |      |
| 4:2 FTS                                                              | <0.30               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/02/24 19:18 | 757124-72-4 |      |
| 5:3 FTCA                                                             | <1.9                | ug/kg | 12.3 | 1  | 10/01/24 13:38 | 10/02/24 19:18 | 914637-49-3 |      |
| 6:2 FTS                                                              | <0.35               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/02/24 19:18 | 27619-97-2  |      |
| 7:3 FTCA                                                             | <2.5                | ug/kg | 12.3 | 1  | 10/01/24 13:38 | 10/02/24 19:18 | 812-70-4    |      |
| 8:2 FTS                                                              | <0.44               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/02/24 19:18 | 39108-34-4  |      |
| 9CI-PF3ONS                                                           | <0.42               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/02/24 19:18 | 756426-58-1 |      |
| ADONA                                                                | <0.38               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/02/24 19:18 | 919005-14-4 |      |
| HFPO-DA                                                              | <0.40               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/02/24 19:18 | 13252-13-6  |      |
| NEtFOSAA                                                             | <0.065              | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:18 | 2991-50-6   |      |
| NFDHA                                                                | <0.14               | ug/kg | 0.98 | 1  | 10/01/24 13:38 | 10/02/24 19:18 | 151772-58-6 |      |
| NMeFOSAA                                                             | <0.18               | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:18 | 2355-31-9   |      |
| PFBS                                                                 | <0.057              | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:18 | 375-73-5    |      |
| PFDA                                                                 | 0.96                | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:18 | 335-76-2    | B    |
| PFHxA                                                                | <0.061              | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:18 | 307-24-4    |      |
| PFBA                                                                 | <0.62               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/02/24 19:18 | 375-22-4    |      |
| PFDS                                                                 | 0.12J               | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:18 | 335-77-3    |      |
| PFEESA                                                               | <0.14               | ug/kg | 0.98 | 1  | 10/01/24 13:38 | 10/02/24 19:18 | 113507-82-7 |      |
| PFHpS                                                                | <0.081              | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:18 | 375-92-8    |      |
| PFMBA                                                                | <0.16               | ug/kg | 0.98 | 1  | 10/01/24 13:38 | 10/02/24 19:18 | 863090-89-5 |      |
| PFMPA                                                                | <0.16               | ug/kg | 0.98 | 1  | 10/01/24 13:38 | 10/02/24 19:18 | 377-73-1    |      |
| PFNS                                                                 | <0.12               | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:18 | 68259-12-1  |      |
| PFOSA                                                                | <0.071              | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:18 | 754-91-6    |      |
| PFPeA                                                                | <0.18               | ug/kg | 0.98 | 1  | 10/01/24 13:38 | 10/02/24 19:18 | 2706-90-3   |      |
| PFPeS                                                                | <0.098              | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:18 | 2706-91-4   |      |
| PFDoA                                                                | 0.25J               | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:18 | 307-55-1    |      |
| PFHpA                                                                | <0.10               | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:18 | 375-85-9    |      |
| PFHxS                                                                | <0.11               | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:18 | 355-46-4    |      |
| PFNA                                                                 | <0.088              | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:18 | 375-95-1    |      |
| PFOS                                                                 | 8.0                 | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:18 | 1763-23-1   |      |
| PFOA                                                                 | <0.065              | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:18 | 335-67-1    |      |
| PFTeDA                                                               | 0.080J              | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:18 | 376-06-7    |      |
| PFTTrDA                                                              | <0.13               | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:18 | 72629-94-8  |      |
| PFUnA                                                                | 0.85                | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:18 | 2058-94-8   |      |

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## ANALYTICAL RESULTS

Project: Sunfish Lake PFAS 2024  
Pace Project No.: 10705584

Sample: SF-LMB Lab ID: 10705584001 Collected: 08/21/24 13:35 Received: 08/27/24 08:10 Matrix: Tissue

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters            | Results                                                                                                        | Units | PQL    | DF | Prepared       | Analyzed       | CAS No. | Qual |
|-----------------------|----------------------------------------------------------------------------------------------------------------|-------|--------|----|----------------|----------------|---------|------|
| EPA 1633 DRAFT Tissue | Analytical Method: EPA 1633 DRAFT Preparation Method: EPA 1633 DRAFT<br>Pace Analytical Services - Minneapolis |       |        |    |                |                |         |      |
| Surrogates            |                                                                                                                |       |        |    |                |                |         |      |
| 13C2-PFDoA (S)        | 63                                                                                                             | %.    | 35-180 | 1  | 10/01/24 13:38 | 10/02/24 19:18 |         |      |
| 13C3HFPO-DA (S)       | 89                                                                                                             | %.    | 20-185 | 1  | 10/01/24 13:38 | 10/02/24 19:18 |         |      |
| 13C3-PFBS (S)         | 89                                                                                                             | %.    | 25-190 | 1  | 10/01/24 13:38 | 10/02/24 19:18 |         |      |
| 13C3-PFHxS (S)        | 105                                                                                                            | %.    | 35-175 | 1  | 10/01/24 13:38 | 10/02/24 19:18 |         |      |
| 13C4-PFBA (S)         | 91                                                                                                             | %.    | 5-130  | 1  | 10/01/24 13:38 | 10/02/24 19:18 |         |      |
| 13C4-PFHpA (S)        | 93                                                                                                             | %.    | 25-150 | 1  | 10/01/24 13:38 | 10/02/24 19:18 |         |      |
| 13C5-PFHxA (S)        | 94                                                                                                             | %.    | 25-170 | 1  | 10/01/24 13:38 | 10/02/24 19:18 |         |      |
| 13C5-PFPeA (S)        | 94                                                                                                             | %.    | 10-185 | 1  | 10/01/24 13:38 | 10/02/24 19:18 |         |      |
| 13C6-PFDA (S)         | 89                                                                                                             | %.    | 30-150 | 1  | 10/01/24 13:38 | 10/02/24 19:18 |         |      |
| 13C8-PFOA (S)         | 95                                                                                                             | %.    | 25-150 | 1  | 10/01/24 13:38 | 10/02/24 19:18 |         |      |
| 13C8-PFOS (S)         | 98                                                                                                             | %.    | 40-160 | 1  | 10/01/24 13:38 | 10/02/24 19:18 |         |      |
| 13C8-PFOSA (S)        | 84                                                                                                             | %.    | 25-180 | 1  | 10/01/24 13:38 | 10/02/24 19:18 |         |      |
| 13C9-PFNA (S)         | 93                                                                                                             | %.    | 35-185 | 1  | 10/01/24 13:38 | 10/02/24 19:18 |         |      |
| d3-MeFOSAA (S)        | 93                                                                                                             | %.    | 30-250 | 1  | 10/01/24 13:38 | 10/02/24 19:18 |         |      |
| d5-EtFOSAA (S)        | 93                                                                                                             | %.    | 30-235 | 1  | 10/01/24 13:38 | 10/02/24 19:18 |         |      |
| d7-NMeFOSE (S)        | 29                                                                                                             | %.    | 5-160  | 1  | 10/01/24 13:38 | 10/02/24 19:18 |         |      |
| 13C2-PFTA (S)         | 22                                                                                                             | %.    | 20-160 | 1  | 10/01/24 13:38 | 10/02/24 19:18 |         |      |
| 13C7-PFUdA (S)        | 82                                                                                                             | %.    | 30-180 | 1  | 10/01/24 13:38 | 10/02/24 19:18 |         |      |
| 13C24:2FTS (S)        | 154                                                                                                            | %.    | 30-300 | 1  | 10/01/24 13:38 | 10/02/24 19:18 |         |      |
| 13C26:2FTS (S)        | 206                                                                                                            | %.    | 35-300 | 1  | 10/01/24 13:38 | 10/02/24 19:18 |         |      |
| 13C28:2FTS (S)        | 196                                                                                                            | %.    | 40-365 | 1  | 10/01/24 13:38 | 10/02/24 19:18 |         |      |

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## ANALYTICAL RESULTS

Project: Sunfish Lake PFAS 2024

Pace Project No.: 10705584

Sample: SF-SF-2 Lab ID: 10705584002 Collected: 08/21/24 14:02 Received: 08/27/24 08:10 Matrix: Tissue

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters                                                           | Results             | Units | PQL  | DF | Prepared       | Analyzed       | CAS No.     | Qual |
|----------------------------------------------------------------------|---------------------|-------|------|----|----------------|----------------|-------------|------|
| <b>Dry Weight / %M by ASTM D2974</b>                                 |                     |       |      |    |                |                |             |      |
| Analytical Method: ASTM D2974                                        |                     |       |      |    |                |                |             |      |
| Pace Analytical Services - Minneapolis                               |                     |       |      |    |                |                |             |      |
| Percent Moisture                                                     | 80.9                | %     | 0.10 | 1  |                | 09/25/24 14:16 |             | N2   |
| <b>Grinding</b>                                                      |                     |       |      |    |                |                |             |      |
| Analytical Method: Pace SOP                                          |                     |       |      |    |                |                |             |      |
| Pace Analytical Services - Green Bay                                 |                     |       |      |    |                |                |             |      |
| Grind Date                                                           | 08/28/2024<br>11:04 |       |      | 1  |                | 08/28/24 11:04 |             |      |
| <b>EPA 1633 DRAFT Tissue</b>                                         |                     |       |      |    |                |                |             |      |
| Analytical Method: EPA 1633 DRAFT Preparation Method: EPA 1633 DRAFT |                     |       |      |    |                |                |             |      |
| Pace Analytical Services - Minneapolis                               |                     |       |      |    |                |                |             |      |
| 11CI-PF3OUdS                                                         | <0.57               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/02/24 19:34 | 763051-92-9 |      |
| 3:3 FTCA                                                             | <1.1                | ug/kg | 2.5  | 1  | 10/01/24 13:38 | 10/02/24 19:34 | 356-02-5    |      |
| 4:2 FTS                                                              | <0.30               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/02/24 19:34 | 757124-72-4 |      |
| 5:3 FTCA                                                             | <1.9                | ug/kg | 12.4 | 1  | 10/01/24 13:38 | 10/02/24 19:34 | 914637-49-3 |      |
| 6:2 FTS                                                              | <0.35               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/02/24 19:34 | 27619-97-2  |      |
| 7:3 FTCA                                                             | <2.6                | ug/kg | 12.4 | 1  | 10/01/24 13:38 | 10/02/24 19:34 | 812-70-4    |      |
| 8:2 FTS                                                              | <0.44               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/02/24 19:34 | 39108-34-4  |      |
| 9CI-PF3ONS                                                           | <0.42               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/02/24 19:34 | 756426-58-1 |      |
| ADONA                                                                | <0.38               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/02/24 19:34 | 919005-14-4 |      |
| HFPO-DA                                                              | <0.40               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/02/24 19:34 | 13252-13-6  |      |
| NEtFOSAA                                                             | <0.065              | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:34 | 2991-50-6   |      |
| NFDHA                                                                | <0.14               | ug/kg | 0.99 | 1  | 10/01/24 13:38 | 10/02/24 19:34 | 151772-58-6 |      |
| NMeFOSAA                                                             | <0.18               | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:34 | 2355-31-9   |      |
| PFBS                                                                 | <0.057              | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:34 | 375-73-5    |      |
| PFDA                                                                 | 0.45J               | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:34 | 335-76-2    |      |
| PFHxA                                                                | <0.061              | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:34 | 307-24-4    |      |
| PFBA                                                                 | <0.62               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/02/24 19:34 | 375-22-4    |      |
| PFDS                                                                 | <0.11               | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:34 | 335-77-3    |      |
| PFEESA                                                               | <0.15               | ug/kg | 0.99 | 1  | 10/01/24 13:38 | 10/02/24 19:34 | 113507-82-7 |      |
| PFHpS                                                                | <0.082              | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:34 | 375-92-8    |      |
| PFMBA                                                                | <0.16               | ug/kg | 0.99 | 1  | 10/01/24 13:38 | 10/02/24 19:34 | 863090-89-5 |      |
| PFMPA                                                                | <0.16               | ug/kg | 0.99 | 1  | 10/01/24 13:38 | 10/02/24 19:34 | 377-73-1    |      |
| PFNS                                                                 | <0.12               | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:34 | 68259-12-1  |      |
| PFOSA                                                                | <0.071              | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:34 | 754-91-6    |      |
| PFPeA                                                                | <0.18               | ug/kg | 0.99 | 1  | 10/01/24 13:38 | 10/02/24 19:34 | 2706-90-3   |      |
| PFPeS                                                                | <0.098              | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:34 | 2706-91-4   |      |
| PFDoA                                                                | 0.19J               | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:34 | 307-55-1    |      |
| PFHpA                                                                | <0.10               | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:34 | 375-85-9    |      |
| PFHxS                                                                | <0.11               | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:34 | 355-46-4    |      |
| PFNA                                                                 | <0.088              | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:34 | 375-95-1    |      |
| PFOS                                                                 | 3.4                 | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:34 | 1763-23-1   |      |
| PFOA                                                                 | <0.065              | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:34 | 335-67-1    |      |
| PFTeDA                                                               | <0.074              | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:34 | 376-06-7    |      |
| PFTTrDA                                                              | <0.13               | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:34 | 72629-94-8  |      |
| PFUnA                                                                | 0.53                | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:34 | 2058-94-8   |      |

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## ANALYTICAL RESULTS

Project: Sunfish Lake PFAS 2024

Pace Project No.: 10705584

Sample: SF-SF-2 Lab ID: 10705584002 Collected: 08/21/24 14:02 Received: 08/27/24 08:10 Matrix: Tissue

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters            | Results                                                                                                        | Units | PQL    | DF | Prepared       | Analyzed       | CAS No. | Qual |
|-----------------------|----------------------------------------------------------------------------------------------------------------|-------|--------|----|----------------|----------------|---------|------|
| EPA 1633 DRAFT Tissue | Analytical Method: EPA 1633 DRAFT Preparation Method: EPA 1633 DRAFT<br>Pace Analytical Services - Minneapolis |       |        |    |                |                |         |      |
| Surrogates            |                                                                                                                |       |        |    |                |                |         |      |
| 13C2-PFDoA (S)        | 75                                                                                                             | %.    | 35-180 | 1  | 10/01/24 13:38 | 10/02/24 19:34 |         | S0   |
| 13C3HFPO-DA (S)       | 51                                                                                                             | %.    | 20-185 | 1  | 10/01/24 13:38 | 10/02/24 19:34 |         |      |
| 13C3-PFBS (S)         | 62                                                                                                             | %.    | 25-190 | 1  | 10/01/24 13:38 | 10/02/24 19:34 |         |      |
| 13C3-PFHxS (S)        | 93                                                                                                             | %.    | 35-175 | 1  | 10/01/24 13:38 | 10/02/24 19:34 |         |      |
| 13C4-PFBA (S)         | 4                                                                                                              | %.    | 5-130  | 1  | 10/01/24 13:38 | 10/02/24 19:34 |         |      |
| 13C4-PFHpA (S)        | 73                                                                                                             | %.    | 25-150 | 1  | 10/01/24 13:38 | 10/02/24 19:34 |         |      |
| 13C5-PFHxA (S)        | 53                                                                                                             | %.    | 25-170 | 1  | 10/01/24 13:38 | 10/02/24 19:34 |         |      |
| 13C5-PFPeA (S)        | 27                                                                                                             | %.    | 10-185 | 1  | 10/01/24 13:38 | 10/02/24 19:34 |         |      |
| 13C6-PFDA (S)         | 84                                                                                                             | %.    | 30-150 | 1  | 10/01/24 13:38 | 10/02/24 19:34 |         |      |
| 13C8-PFOA (S)         | 83                                                                                                             | %.    | 25-150 | 1  | 10/01/24 13:38 | 10/02/24 19:34 |         |      |
| 13C8-PFOS (S)         | 96                                                                                                             | %.    | 40-160 | 1  | 10/01/24 13:38 | 10/02/24 19:34 |         |      |
| 13C8-PFOSA (S)        | 96                                                                                                             | %.    | 25-180 | 1  | 10/01/24 13:38 | 10/02/24 19:34 |         |      |
| 13C9-PFNA (S)         | 87                                                                                                             | %.    | 35-185 | 1  | 10/01/24 13:38 | 10/02/24 19:34 |         |      |
| d3-MeFOSAA (S)        | 95                                                                                                             | %.    | 30-250 | 1  | 10/01/24 13:38 | 10/02/24 19:34 |         |      |
| d5-EtFOSAA (S)        | 93                                                                                                             | %.    | 30-235 | 1  | 10/01/24 13:38 | 10/02/24 19:34 |         |      |
| d7-NMeFOSE (S)        | 30                                                                                                             | %.    | 5-160  | 1  | 10/01/24 13:38 | 10/02/24 19:34 |         |      |
| 13C2-PFTA (S)         | 20                                                                                                             | %.    | 20-160 | 1  | 10/01/24 13:38 | 10/02/24 19:34 |         |      |
| 13C7-PFUdA (S)        | 88                                                                                                             | %.    | 30-180 | 1  | 10/01/24 13:38 | 10/02/24 19:34 |         |      |
| 13C24:2FTS (S)        | 47                                                                                                             | %.    | 30-300 | 1  | 10/01/24 13:38 | 10/02/24 19:34 |         |      |
| 13C26:2FTS (S)        | 158                                                                                                            | %.    | 35-300 | 1  | 10/01/24 13:38 | 10/02/24 19:34 |         |      |
| 13C28:2FTS (S)        | 174                                                                                                            | %.    | 40-365 | 1  | 10/01/24 13:38 | 10/02/24 19:34 |         |      |

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## ANALYTICAL RESULTS

Project: Sunfish Lake PFAS 2024

Pace Project No.: 10705584

Sample: HB-YP Lab ID: 10705584003 Collected: 08/21/24 11:07 Received: 08/27/24 08:10 Matrix: Tissue

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters                                                           | Results             | Units | PQL  | DF | Prepared       | Analyzed       | CAS No.     | Qual |
|----------------------------------------------------------------------|---------------------|-------|------|----|----------------|----------------|-------------|------|
| <b>Dry Weight / %M by ASTM D2974</b>                                 |                     |       |      |    |                |                |             |      |
| Analytical Method: ASTM D2974                                        |                     |       |      |    |                |                |             |      |
| Pace Analytical Services - Minneapolis                               |                     |       |      |    |                |                |             |      |
| Percent Moisture                                                     | 80.3                | %     | 0.10 | 1  |                | 09/25/24 14:17 |             | N2   |
| <b>Grinding</b>                                                      |                     |       |      |    |                |                |             |      |
| Analytical Method: Pace SOP                                          |                     |       |      |    |                |                |             |      |
| Pace Analytical Services - Green Bay                                 |                     |       |      |    |                |                |             |      |
| Grind Date                                                           | 08/28/2024<br>11:04 |       |      | 1  |                | 08/28/24 11:04 |             |      |
| <b>EPA 1633 DRAFT Tissue</b>                                         |                     |       |      |    |                |                |             |      |
| Analytical Method: EPA 1633 DRAFT Preparation Method: EPA 1633 DRAFT |                     |       |      |    |                |                |             |      |
| Pace Analytical Services - Minneapolis                               |                     |       |      |    |                |                |             |      |
| 11CI-PF3OUdS                                                         | <0.57               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/02/24 19:50 | 763051-92-9 |      |
| 3:3 FTCA                                                             | <1.1                | ug/kg | 2.4  | 1  | 10/01/24 13:38 | 10/02/24 19:50 | 356-02-5    |      |
| 4:2 FTS                                                              | <0.29               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/02/24 19:50 | 757124-72-4 |      |
| 5:3 FTCA                                                             | <1.9                | ug/kg | 12.2 | 1  | 10/01/24 13:38 | 10/02/24 19:50 | 914637-49-3 |      |
| 6:2 FTS                                                              | <0.35               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/02/24 19:50 | 27619-97-2  |      |
| 7:3 FTCA                                                             | <2.5                | ug/kg | 12.2 | 1  | 10/01/24 13:38 | 10/02/24 19:50 | 812-70-4    |      |
| 8:2 FTS                                                              | <0.43               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/02/24 19:50 | 39108-34-4  |      |
| 9CI-PF3ONS                                                           | <0.41               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/02/24 19:50 | 756426-58-1 |      |
| ADONA                                                                | <0.37               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/02/24 19:50 | 919005-14-4 |      |
| HFPO-DA                                                              | <0.40               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/02/24 19:50 | 13252-13-6  |      |
| NEtFOSAA                                                             | <0.065              | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:50 | 2991-50-6   |      |
| NFDHA                                                                | <0.14               | ug/kg | 0.98 | 1  | 10/01/24 13:38 | 10/02/24 19:50 | 151772-58-6 |      |
| NMeFOSAA                                                             | <0.18               | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:50 | 2355-31-9   |      |
| PFBS                                                                 | <0.056              | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:50 | 375-73-5    |      |
| PFDA                                                                 | 1.1                 | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:50 | 335-76-2    |      |
| PFHxA                                                                | <0.061              | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:50 | 307-24-4    |      |
| PFBA                                                                 | <0.61               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/02/24 19:50 | 375-22-4    |      |
| PFDS                                                                 | <0.11               | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:50 | 335-77-3    |      |
| PFEESA                                                               | <0.14               | ug/kg | 0.98 | 1  | 10/01/24 13:38 | 10/02/24 19:50 | 113507-82-7 |      |
| PFHpS                                                                | <0.081              | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:50 | 375-92-8    |      |
| PFMBA                                                                | <0.16               | ug/kg | 0.98 | 1  | 10/01/24 13:38 | 10/02/24 19:50 | 863090-89-5 |      |
| PFMPA                                                                | <0.15               | ug/kg | 0.98 | 1  | 10/01/24 13:38 | 10/02/24 19:50 | 377-73-1    |      |
| PFNS                                                                 | <0.12               | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:50 | 68259-12-1  |      |
| PFOSA                                                                | <0.070              | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:50 | 754-91-6    |      |
| PFPeA                                                                | <0.18               | ug/kg | 0.98 | 1  | 10/01/24 13:38 | 10/02/24 19:50 | 2706-90-3   |      |
| PFPeS                                                                | <0.097              | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:50 | 2706-91-4   |      |
| PFDoA                                                                | 0.223               | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:50 | 307-55-1    |      |
| PFHpA                                                                | <0.10               | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:50 | 375-85-9    |      |
| PFHxS                                                                | <0.10               | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:50 | 355-46-4    |      |
| PFNA                                                                 | <0.087              | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:50 | 375-95-1    |      |
| PFOS                                                                 | 4.3                 | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:50 | 1763-23-1   |      |
| PFOA                                                                 | <0.064              | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:50 | 335-67-1    |      |
| PFTeDA                                                               | <0.073              | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:50 | 376-06-7    |      |
| PFTTrDA                                                              | <0.13               | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:50 | 72629-94-8  |      |
| PFUnA                                                                | 0.76                | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 19:50 | 2058-94-8   |      |

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## ANALYTICAL RESULTS

Project: Sunfish Lake PFAS 2024

Pace Project No.: 10705584

Sample: HB-YP Lab ID: 10705584003 Collected: 08/21/24 11:07 Received: 08/27/24 08:10 Matrix: Tissue

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters            | Results                                                                                                        | Units | PQL    | DF | Prepared       | Analyzed       | CAS No. | Qual |
|-----------------------|----------------------------------------------------------------------------------------------------------------|-------|--------|----|----------------|----------------|---------|------|
| EPA 1633 DRAFT Tissue | Analytical Method: EPA 1633 DRAFT Preparation Method: EPA 1633 DRAFT<br>Pace Analytical Services - Minneapolis |       |        |    |                |                |         |      |
| Surrogates            |                                                                                                                |       |        |    |                |                |         |      |
| 13C2-PFDoA (S)        | 72                                                                                                             | %.    | 35-180 | 1  | 10/01/24 13:38 | 10/02/24 19:50 |         |      |
| 13C3HFPO-DA (S)       | 82                                                                                                             | %.    | 20-185 | 1  | 10/01/24 13:38 | 10/02/24 19:50 |         |      |
| 13C3-PFBS (S)         | 98                                                                                                             | %.    | 25-190 | 1  | 10/01/24 13:38 | 10/02/24 19:50 |         |      |
| 13C3-PFHxS (S)        | 102                                                                                                            | %.    | 35-175 | 1  | 10/01/24 13:38 | 10/02/24 19:50 |         |      |
| 13C4-PFBA (S)         | 12                                                                                                             | %.    | 5-130  | 1  | 10/01/24 13:38 | 10/02/24 19:50 |         |      |
| 13C4-PFHpA (S)        | 88                                                                                                             | %.    | 25-150 | 1  | 10/01/24 13:38 | 10/02/24 19:50 |         |      |
| 13C5-PFHxA (S)        | 88                                                                                                             | %.    | 25-170 | 1  | 10/01/24 13:38 | 10/02/24 19:50 |         |      |
| 13C5-PFPeA (S)        | 70                                                                                                             | %.    | 10-185 | 1  | 10/01/24 13:38 | 10/02/24 19:50 |         |      |
| 13C6-PFDA (S)         | 89                                                                                                             | %.    | 30-150 | 1  | 10/01/24 13:38 | 10/02/24 19:50 |         |      |
| 13C8-PFOA (S)         | 92                                                                                                             | %.    | 25-150 | 1  | 10/01/24 13:38 | 10/02/24 19:50 |         |      |
| 13C8-PFOS (S)         | 97                                                                                                             | %.    | 40-160 | 1  | 10/01/24 13:38 | 10/02/24 19:50 |         |      |
| 13C8-PFOSA (S)        | 95                                                                                                             | %.    | 25-180 | 1  | 10/01/24 13:38 | 10/02/24 19:50 |         |      |
| 13C9-PFNA (S)         | 90                                                                                                             | %.    | 35-185 | 1  | 10/01/24 13:38 | 10/02/24 19:50 |         |      |
| d3-MeFOSAA (S)        | 97                                                                                                             | %.    | 30-250 | 1  | 10/01/24 13:38 | 10/02/24 19:50 |         |      |
| d5-EtFOSAA (S)        | 99                                                                                                             | %.    | 30-235 | 1  | 10/01/24 13:38 | 10/02/24 19:50 |         |      |
| d7-NMeFOSE (S)        | 24                                                                                                             | %.    | 5-160  | 1  | 10/01/24 13:38 | 10/02/24 19:50 |         |      |
| 13C2-PFTA (S)         | 15                                                                                                             | %.    | 20-160 | 1  | 10/01/24 13:38 | 10/02/24 19:50 |         | S0   |
| 13C7-PFUdA (S)        | 89                                                                                                             | %.    | 30-180 | 1  | 10/01/24 13:38 | 10/02/24 19:50 |         |      |
| 13C24:2FTS (S)        | 122                                                                                                            | %.    | 30-300 | 1  | 10/01/24 13:38 | 10/02/24 19:50 |         |      |
| 13C26:2FTS (S)        | 150                                                                                                            | %.    | 35-300 | 1  | 10/01/24 13:38 | 10/02/24 19:50 |         |      |
| 13C28:2FTS (S)        | 185                                                                                                            | %.    | 40-365 | 1  | 10/01/24 13:38 | 10/02/24 19:50 |         |      |

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## ANALYTICAL RESULTS

Project: Sunfish Lake PFAS 2024

Pace Project No.: 10705584

Sample: HB-SF-2 Lab ID: 10705584004 Collected: 08/21/24 11:31 Received: 08/27/24 08:10 Matrix: Tissue

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters                                                           | Results             | Units | PQL  | DF | Prepared       | Analyzed       | CAS No.     | Qual |
|----------------------------------------------------------------------|---------------------|-------|------|----|----------------|----------------|-------------|------|
| <b>Dry Weight / %M by ASTM D2974</b>                                 |                     |       |      |    |                |                |             |      |
| Analytical Method: ASTM D2974                                        |                     |       |      |    |                |                |             |      |
| Pace Analytical Services - Minneapolis                               |                     |       |      |    |                |                |             |      |
| Percent Moisture                                                     | 82.4                | %     | 0.10 | 1  |                | 09/25/24 14:18 |             | N2   |
| <b>Grinding</b>                                                      |                     |       |      |    |                |                |             |      |
| Analytical Method: Pace SOP                                          |                     |       |      |    |                |                |             |      |
| Pace Analytical Services - Green Bay                                 |                     |       |      |    |                |                |             |      |
| Grind Date                                                           | 08/28/2024<br>11:04 |       |      | 1  |                | 08/28/24 11:04 |             |      |
| <b>EPA 1633 DRAFT Tissue</b>                                         |                     |       |      |    |                |                |             |      |
| Analytical Method: EPA 1633 DRAFT Preparation Method: EPA 1633 DRAFT |                     |       |      |    |                |                |             |      |
| Pace Analytical Services - Minneapolis                               |                     |       |      |    |                |                |             |      |
| 11CI-PF3OUdS                                                         | <0.56               | ug/kg | 1.9  | 1  | 10/01/24 13:38 | 10/02/24 20:05 | 763051-92-9 |      |
| 3:3 FTCA                                                             | <1.1                | ug/kg | 2.4  | 1  | 10/01/24 13:38 | 10/02/24 20:05 | 356-02-5    |      |
| 4:2 FTS                                                              | <0.29               | ug/kg | 1.9  | 1  | 10/01/24 13:38 | 10/02/24 20:05 | 757124-72-4 |      |
| 5:3 FTCA                                                             | <1.9                | ug/kg | 12.0 | 1  | 10/01/24 13:38 | 10/02/24 20:05 | 914637-49-3 |      |
| 6:2 FTS                                                              | <0.34               | ug/kg | 1.9  | 1  | 10/01/24 13:38 | 10/02/24 20:05 | 27619-97-2  |      |
| 7:3 FTCA                                                             | <2.5                | ug/kg | 12.0 | 1  | 10/01/24 13:38 | 10/02/24 20:05 | 812-70-4    |      |
| 8:2 FTS                                                              | <0.42               | ug/kg | 1.9  | 1  | 10/01/24 13:38 | 10/02/24 20:05 | 39108-34-4  |      |
| 9CI-PF3ONS                                                           | <0.41               | ug/kg | 1.9  | 1  | 10/01/24 13:38 | 10/02/24 20:05 | 756426-58-1 |      |
| ADONA                                                                | <0.37               | ug/kg | 1.9  | 1  | 10/01/24 13:38 | 10/02/24 20:05 | 919005-14-4 |      |
| HFPO-DA                                                              | <0.39               | ug/kg | 1.9  | 1  | 10/01/24 13:38 | 10/02/24 20:05 | 13252-13-6  |      |
| NEtFOSAA                                                             | <0.064              | ug/kg | 0.48 | 1  | 10/01/24 13:38 | 10/02/24 20:05 | 2991-50-6   |      |
| NFDHA                                                                | <0.14               | ug/kg | 0.96 | 1  | 10/01/24 13:38 | 10/02/24 20:05 | 151772-58-6 |      |
| NMeFOSAA                                                             | <0.17               | ug/kg | 0.48 | 1  | 10/01/24 13:38 | 10/02/24 20:05 | 2355-31-9   |      |
| PFBS                                                                 | <0.055              | ug/kg | 0.48 | 1  | 10/01/24 13:38 | 10/02/24 20:05 | 375-73-5    |      |
| PFDA                                                                 | 0.39J               | ug/kg | 0.48 | 1  | 10/01/24 13:38 | 10/02/24 20:05 | 335-76-2    | B    |
| PFHxA                                                                | <0.059              | ug/kg | 0.48 | 1  | 10/01/24 13:38 | 10/02/24 20:05 | 307-24-4    |      |
| PFBA                                                                 | <0.60               | ug/kg | 1.9  | 1  | 10/01/24 13:38 | 10/02/24 20:05 | 375-22-4    |      |
| PFDS                                                                 | <0.11               | ug/kg | 0.48 | 1  | 10/01/24 13:38 | 10/02/24 20:05 | 335-77-3    |      |
| PFEESA                                                               | <0.14               | ug/kg | 0.96 | 1  | 10/01/24 13:38 | 10/02/24 20:05 | 113507-82-7 |      |
| PFHpS                                                                | <0.079              | ug/kg | 0.48 | 1  | 10/01/24 13:38 | 10/02/24 20:05 | 375-92-8    |      |
| PFMBA                                                                | <0.15               | ug/kg | 0.96 | 1  | 10/01/24 13:38 | 10/02/24 20:05 | 863090-89-5 |      |
| PFMPA                                                                | <0.15               | ug/kg | 0.96 | 1  | 10/01/24 13:38 | 10/02/24 20:05 | 377-73-1    |      |
| PFNS                                                                 | <0.12               | ug/kg | 0.48 | 1  | 10/01/24 13:38 | 10/02/24 20:05 | 68259-12-1  |      |
| PFOSA                                                                | <0.069              | ug/kg | 0.48 | 1  | 10/01/24 13:38 | 10/02/24 20:05 | 754-91-6    |      |
| PFPeA                                                                | <0.17               | ug/kg | 0.96 | 1  | 10/01/24 13:38 | 10/02/24 20:05 | 2706-90-3   |      |
| PFPeS                                                                | <0.095              | ug/kg | 0.48 | 1  | 10/01/24 13:38 | 10/02/24 20:05 | 2706-91-4   |      |
| PFDoA                                                                | 0.22J               | ug/kg | 0.48 | 1  | 10/01/24 13:38 | 10/02/24 20:05 | 307-55-1    |      |
| PFHpA                                                                | <0.098              | ug/kg | 0.48 | 1  | 10/01/24 13:38 | 10/02/24 20:05 | 375-85-9    |      |
| PFHxS                                                                | <0.10               | ug/kg | 0.48 | 1  | 10/01/24 13:38 | 10/02/24 20:05 | 355-46-4    |      |
| PFNA                                                                 | <0.086              | ug/kg | 0.48 | 1  | 10/01/24 13:38 | 10/02/24 20:05 | 375-95-1    |      |
| PFOS                                                                 | 3.5                 | ug/kg | 0.48 | 1  | 10/01/24 13:38 | 10/02/24 20:05 | 1763-23-1   |      |
| PFOA                                                                 | <0.063              | ug/kg | 0.48 | 1  | 10/01/24 13:38 | 10/02/24 20:05 | 335-67-1    |      |
| PFTeDA                                                               | 0.11J               | ug/kg | 0.48 | 1  | 10/01/24 13:38 | 10/02/24 20:05 | 376-06-7    |      |
| PFTTrDA                                                              | <0.12               | ug/kg | 0.48 | 1  | 10/01/24 13:38 | 10/02/24 20:05 | 72629-94-8  |      |
| PFUnA                                                                | 0.30J               | ug/kg | 0.48 | 1  | 10/01/24 13:38 | 10/02/24 20:05 | 2058-94-8   |      |

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## ANALYTICAL RESULTS

Project: Sunfish Lake PFAS 2024

Pace Project No.: 10705584

Sample: HB-SF-2 Lab ID: 10705584004 Collected: 08/21/24 11:31 Received: 08/27/24 08:10 Matrix: Tissue

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters            | Results                                                                                                        | Units | PQL    | DF | Prepared       | Analyzed       | CAS No. | Qual |
|-----------------------|----------------------------------------------------------------------------------------------------------------|-------|--------|----|----------------|----------------|---------|------|
| EPA 1633 DRAFT Tissue | Analytical Method: EPA 1633 DRAFT Preparation Method: EPA 1633 DRAFT<br>Pace Analytical Services - Minneapolis |       |        |    |                |                |         |      |
| Surrogates            |                                                                                                                |       |        |    |                |                |         |      |
| 13C2-PFDoA (S)        | 61                                                                                                             | %.    | 35-180 | 1  | 10/01/24 13:38 | 10/02/24 20:05 |         |      |
| 13C3HFPO-DA (S)       | 49                                                                                                             | %.    | 20-185 | 1  | 10/01/24 13:38 | 10/02/24 20:05 |         |      |
| 13C3-PFBS (S)         | 59                                                                                                             | %.    | 25-190 | 1  | 10/01/24 13:38 | 10/02/24 20:05 |         |      |
| 13C3-PFHxS (S)        | 80                                                                                                             | %.    | 35-175 | 1  | 10/01/24 13:38 | 10/02/24 20:05 |         |      |
| 13C4-PFBA (S)         | 13                                                                                                             | %.    | 5-130  | 1  | 10/01/24 13:38 | 10/02/24 20:05 |         |      |
| 13C4-PFHpA (S)        | 65                                                                                                             | %.    | 25-150 | 1  | 10/01/24 13:38 | 10/02/24 20:05 |         |      |
| 13C5-PFHxA (S)        | 53                                                                                                             | %.    | 25-170 | 1  | 10/01/24 13:38 | 10/02/24 20:05 |         |      |
| 13C5-PFPeA (S)        | 36                                                                                                             | %.    | 10-185 | 1  | 10/01/24 13:38 | 10/02/24 20:05 |         |      |
| 13C6-PFDA (S)         | 74                                                                                                             | %.    | 30-150 | 1  | 10/01/24 13:38 | 10/02/24 20:05 |         |      |
| 13C8-PFOA (S)         | 68                                                                                                             | %.    | 25-150 | 1  | 10/01/24 13:38 | 10/02/24 20:05 |         |      |
| 13C8-PFOS (S)         | 82                                                                                                             | %.    | 40-160 | 1  | 10/01/24 13:38 | 10/02/24 20:05 |         |      |
| 13C8-PFOSA (S)        | 76                                                                                                             | %.    | 25-180 | 1  | 10/01/24 13:38 | 10/02/24 20:05 |         |      |
| 13C9-PFNA (S)         | 69                                                                                                             | %.    | 35-185 | 1  | 10/01/24 13:38 | 10/02/24 20:05 |         |      |
| d3-MeFOSAA (S)        | 81                                                                                                             | %.    | 30-250 | 1  | 10/01/24 13:38 | 10/02/24 20:05 |         |      |
| d5-EtFOSAA (S)        | 81                                                                                                             | %.    | 30-235 | 1  | 10/01/24 13:38 | 10/02/24 20:05 |         |      |
| d7-NMeFOSE (S)        | 21                                                                                                             | %.    | 5-160  | 1  | 10/01/24 13:38 | 10/02/24 20:05 |         |      |
| 13C2-PFTA (S)         | 14                                                                                                             | %.    | 20-160 | 1  | 10/01/24 13:38 | 10/02/24 20:05 |         | S0   |
| 13C7-PFUdA (S)        | 74                                                                                                             | %.    | 30-180 | 1  | 10/01/24 13:38 | 10/02/24 20:05 |         |      |
| 13C24:2FTS (S)        | 56                                                                                                             | %.    | 30-300 | 1  | 10/01/24 13:38 | 10/02/24 20:05 |         |      |
| 13C26:2FTS (S)        | 168                                                                                                            | %.    | 35-300 | 1  | 10/01/24 13:38 | 10/02/24 20:05 |         |      |
| 13C28:2FTS (S)        | 191                                                                                                            | %.    | 40-365 | 1  | 10/01/24 13:38 | 10/02/24 20:05 |         |      |

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## ANALYTICAL RESULTS

Project: Sunfish Lake PFAS 2024

Pace Project No.: 10705584

Sample: HB-SF-1 Lab ID: 10705584005 Collected: 08/21/24 11:24 Received: 08/27/24 08:10 Matrix: Tissue

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters                                                           | Results             | Units | PQL  | DF | Prepared       | Analyzed       | CAS No.     | Qual |
|----------------------------------------------------------------------|---------------------|-------|------|----|----------------|----------------|-------------|------|
| <b>Dry Weight / %M by ASTM D2974</b>                                 |                     |       |      |    |                |                |             |      |
| Analytical Method: ASTM D2974                                        |                     |       |      |    |                |                |             |      |
| Pace Analytical Services - Minneapolis                               |                     |       |      |    |                |                |             |      |
| Percent Moisture                                                     | 83.6                | %     | 0.10 | 1  |                | 09/25/24 14:19 |             | N2   |
| <b>Grinding</b>                                                      |                     |       |      |    |                |                |             |      |
| Analytical Method: Pace SOP                                          |                     |       |      |    |                |                |             |      |
| Pace Analytical Services - Green Bay                                 |                     |       |      |    |                |                |             |      |
| Grind Date                                                           | 08/28/2024<br>11:04 |       |      | 1  |                | 08/28/24 11:04 |             |      |
| <b>EPA 1633 DRAFT Tissue</b>                                         |                     |       |      |    |                |                |             |      |
| Analytical Method: EPA 1633 DRAFT Preparation Method: EPA 1633 DRAFT |                     |       |      |    |                |                |             |      |
| Pace Analytical Services - Minneapolis                               |                     |       |      |    |                |                |             |      |
| 11CI-PF3OUdS                                                         | <0.57               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/02/24 20:21 | 763051-92-9 |      |
| 3:3 FTCA                                                             | <1.1                | ug/kg | 2.5  | 1  | 10/01/24 13:38 | 10/02/24 20:21 | 356-02-5    |      |
| 4:2 FTS                                                              | <0.30               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/02/24 20:21 | 757124-72-4 |      |
| 5:3 FTCA                                                             | <2.0                | ug/kg | 12.4 | 1  | 10/01/24 13:38 | 10/02/24 20:21 | 914637-49-3 |      |
| 6:2 FTS                                                              | <0.35               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/02/24 20:21 | 27619-97-2  |      |
| 7:3 FTCA                                                             | <2.6                | ug/kg | 12.4 | 1  | 10/01/24 13:38 | 10/02/24 20:21 | 812-70-4    |      |
| 8:2 FTS                                                              | <0.44               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/02/24 20:21 | 39108-34-4  |      |
| 9CI-PF3ONS                                                           | <0.42               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/02/24 20:21 | 756426-58-1 |      |
| ADONA                                                                | <0.38               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/02/24 20:21 | 919005-14-4 |      |
| HFPO-DA                                                              | <0.40               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/02/24 20:21 | 13252-13-6  |      |
| NEtFOSAA                                                             | <0.066              | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/02/24 20:21 | 2991-50-6   |      |
| NFDHA                                                                | <0.14               | ug/kg | 0.99 | 1  | 10/01/24 13:38 | 10/02/24 20:21 | 151772-58-6 |      |
| NMeFOSAA                                                             | <0.18               | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/02/24 20:21 | 2355-31-9   |      |
| PFBS                                                                 | <0.057              | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/02/24 20:21 | 375-73-5    |      |
| PFDA                                                                 | 0.38J               | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/02/24 20:21 | 335-76-2    |      |
| PFHxA                                                                | <0.061              | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/02/24 20:21 | 307-24-4    |      |
| PFBA                                                                 | 1.1J                | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/02/24 20:21 | 375-22-4    |      |
| PFDS                                                                 | <0.11               | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/02/24 20:21 | 335-77-3    |      |
| PFEESA                                                               | <0.15               | ug/kg | 0.99 | 1  | 10/01/24 13:38 | 10/02/24 20:21 | 113507-82-7 |      |
| PFHpS                                                                | <0.082              | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/02/24 20:21 | 375-92-8    |      |
| PFMBA                                                                | <0.16               | ug/kg | 0.99 | 1  | 10/01/24 13:38 | 10/02/24 20:21 | 863090-89-5 |      |
| PFMPA                                                                | <0.16               | ug/kg | 0.99 | 1  | 10/01/24 13:38 | 10/02/24 20:21 | 377-73-1    |      |
| PFNS                                                                 | <0.12               | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/02/24 20:21 | 68259-12-1  |      |
| PFOSA                                                                | <0.071              | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/02/24 20:21 | 754-91-6    |      |
| PFPeA                                                                | <0.18               | ug/kg | 0.99 | 1  | 10/01/24 13:38 | 10/02/24 20:21 | 2706-90-3   |      |
| PFPeS                                                                | <0.098              | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/02/24 20:21 | 2706-91-4   |      |
| PFDoA                                                                | 0.15J               | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/02/24 20:21 | 307-55-1    |      |
| PFHpA                                                                | <0.10               | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/02/24 20:21 | 375-85-9    |      |
| PFHxS                                                                | <0.11               | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/02/24 20:21 | 355-46-4    |      |
| PFNA                                                                 | <0.089              | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/02/24 20:21 | 375-95-1    |      |
| PFOS                                                                 | 3.2                 | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/02/24 20:21 | 1763-23-1   |      |
| PFOA                                                                 | <0.065              | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/02/24 20:21 | 335-67-1    |      |
| PFTeDA                                                               | <0.074              | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/02/24 20:21 | 376-06-7    |      |
| PFTTrDA                                                              | <0.13               | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/02/24 20:21 | 72629-94-8  |      |
| PFUnA                                                                | 0.34J               | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/02/24 20:21 | 2058-94-8   |      |

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## ANALYTICAL RESULTS

Project: Sunfish Lake PFAS 2024

Pace Project No.: 10705584

Sample: HB-SF-1 Lab ID: 10705584005 Collected: 08/21/24 11:24 Received: 08/27/24 08:10 Matrix: Tissue

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters            | Results                                                                                                        | Units | PQL    | DF | Prepared       | Analyzed       | CAS No. | Qual |
|-----------------------|----------------------------------------------------------------------------------------------------------------|-------|--------|----|----------------|----------------|---------|------|
| EPA 1633 DRAFT Tissue | Analytical Method: EPA 1633 DRAFT Preparation Method: EPA 1633 DRAFT<br>Pace Analytical Services - Minneapolis |       |        |    |                |                |         |      |
| Surrogates            |                                                                                                                |       |        |    |                |                |         |      |
| 13C2-PFDoA (S)        | 86                                                                                                             | %.    | 35-180 | 1  | 10/01/24 13:38 | 10/02/24 20:21 |         | S0   |
| 13C3HFPO-DA (S)       | 83                                                                                                             | %.    | 20-185 | 1  | 10/01/24 13:38 | 10/02/24 20:21 |         |      |
| 13C3-PFBS (S)         | 91                                                                                                             | %.    | 25-190 | 1  | 10/01/24 13:38 | 10/02/24 20:21 |         |      |
| 13C3-PFHxS (S)        | 103                                                                                                            | %.    | 35-175 | 1  | 10/01/24 13:38 | 10/02/24 20:21 |         |      |
| 13C4-PFBA (S)         | 4                                                                                                              | %.    | 5-130  | 1  | 10/01/24 13:38 | 10/02/24 20:21 |         |      |
| 13C4-PFHpA (S)        | 99                                                                                                             | %.    | 25-150 | 1  | 10/01/24 13:38 | 10/02/24 20:21 |         |      |
| 13C5-PFHxA (S)        | 86                                                                                                             | %.    | 25-170 | 1  | 10/01/24 13:38 | 10/02/24 20:21 |         |      |
| 13C5-PFPeA (S)        | 42                                                                                                             | %.    | 10-185 | 1  | 10/01/24 13:38 | 10/02/24 20:21 |         |      |
| 13C6-PFDA (S)         | 97                                                                                                             | %.    | 30-150 | 1  | 10/01/24 13:38 | 10/02/24 20:21 |         |      |
| 13C8-PFOA (S)         | 98                                                                                                             | %.    | 25-150 | 1  | 10/01/24 13:38 | 10/02/24 20:21 |         |      |
| 13C8-PFOS (S)         | 98                                                                                                             | %.    | 40-160 | 1  | 10/01/24 13:38 | 10/02/24 20:21 |         |      |
| 13C8-PFOSA (S)        | 105                                                                                                            | %.    | 25-180 | 1  | 10/01/24 13:38 | 10/02/24 20:21 |         |      |
| 13C9-PFNA (S)         | 97                                                                                                             | %.    | 35-185 | 1  | 10/01/24 13:38 | 10/02/24 20:21 |         |      |
| d3-MeFOSAA (S)        | 98                                                                                                             | %.    | 30-250 | 1  | 10/01/24 13:38 | 10/02/24 20:21 |         |      |
| d5-EtFOSAA (S)        | 103                                                                                                            | %.    | 30-235 | 1  | 10/01/24 13:38 | 10/02/24 20:21 |         |      |
| d7-NMeFOSE (S)        | 29                                                                                                             | %.    | 5-160  | 1  | 10/01/24 13:38 | 10/02/24 20:21 |         |      |
| 13C2-PFTA (S)         | 22                                                                                                             | %.    | 20-160 | 1  | 10/01/24 13:38 | 10/02/24 20:21 |         |      |
| 13C7-PFUdA (S)        | 95                                                                                                             | %.    | 30-180 | 1  | 10/01/24 13:38 | 10/02/24 20:21 |         |      |
| 13C24:2FTS (S)        | 94                                                                                                             | %.    | 30-300 | 1  | 10/01/24 13:38 | 10/02/24 20:21 |         |      |
| 13C26:2FTS (S)        | 211                                                                                                            | %.    | 35-300 | 1  | 10/01/24 13:38 | 10/02/24 20:21 |         |      |
| 13C28:2FTS (S)        | 207                                                                                                            | %.    | 40-365 | 1  | 10/01/24 13:38 | 10/02/24 20:21 |         |      |

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## ANALYTICAL RESULTS

Project: Sunfish Lake PFAS 2024

Pace Project No.: 10705584

Sample: HS-BB-1 Lab ID: 10705584006 Collected: 08/21/24 08:49 Received: 08/27/24 08:10 Matrix: Tissue

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters                                                           | Results             | Units | PQL  | DF | Prepared       | Analyzed       | CAS No.     | Qual |
|----------------------------------------------------------------------|---------------------|-------|------|----|----------------|----------------|-------------|------|
| <b>Dry Weight / %M by ASTM D2974</b>                                 |                     |       |      |    |                |                |             |      |
| Analytical Method: ASTM D2974                                        |                     |       |      |    |                |                |             |      |
| Pace Analytical Services - Minneapolis                               |                     |       |      |    |                |                |             |      |
| Percent Moisture                                                     | 85.3                | %     | 0.10 | 1  |                | 09/25/24 14:20 |             | N2   |
| <b>Grinding</b>                                                      |                     |       |      |    |                |                |             |      |
| Analytical Method: Pace SOP                                          |                     |       |      |    |                |                |             |      |
| Pace Analytical Services - Green Bay                                 |                     |       |      |    |                |                |             |      |
| Grind Date                                                           | 08/28/2024<br>11:04 |       |      | 1  |                | 08/28/24 11:04 |             |      |
| <b>EPA 1633 DRAFT Tissue</b>                                         |                     |       |      |    |                |                |             |      |
| Analytical Method: EPA 1633 DRAFT Preparation Method: EPA 1633 DRAFT |                     |       |      |    |                |                |             |      |
| Pace Analytical Services - Minneapolis                               |                     |       |      |    |                |                |             |      |
| 11CI-PF3OUdS                                                         | <0.57               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/02/24 20:37 | 763051-92-9 |      |
| 3:3 FTCA                                                             | <1.1                | ug/kg | 2.5  | 1  | 10/01/24 13:38 | 10/02/24 20:37 | 356-02-5    |      |
| 4:2 FTS                                                              | <0.30               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/02/24 20:37 | 757124-72-4 |      |
| 5:3 FTCA                                                             | <1.9                | ug/kg | 12.3 | 1  | 10/01/24 13:38 | 10/02/24 20:37 | 914637-49-3 |      |
| 6:2 FTS                                                              | <0.35               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/02/24 20:37 | 27619-97-2  |      |
| 7:3 FTCA                                                             | <2.5                | ug/kg | 12.3 | 1  | 10/01/24 13:38 | 10/02/24 20:37 | 812-70-4    |      |
| 8:2 FTS                                                              | <0.44               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/02/24 20:37 | 39108-34-4  |      |
| 9CI-PF3ONS                                                           | <0.42               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/02/24 20:37 | 756426-58-1 |      |
| ADONA                                                                | <0.38               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/02/24 20:37 | 919005-14-4 |      |
| HFPO-DA                                                              | <0.40               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/02/24 20:37 | 13252-13-6  |      |
| NEtFOSAA                                                             | <0.065              | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 20:37 | 2991-50-6   |      |
| NFDHA                                                                | <0.14               | ug/kg | 0.98 | 1  | 10/01/24 13:38 | 10/02/24 20:37 | 151772-58-6 |      |
| NMeFOSAA                                                             | <0.18               | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 20:37 | 2355-31-9   |      |
| PFBS                                                                 | <0.057              | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 20:37 | 375-73-5    |      |
| PFDA                                                                 | 0.13J               | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 20:37 | 335-76-2    | B    |
| PFHxA                                                                | <0.061              | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 20:37 | 307-24-4    |      |
| PFBA                                                                 | <0.62               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/02/24 20:37 | 375-22-4    |      |
| PFDS                                                                 | <0.11               | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 20:37 | 335-77-3    |      |
| PFEESA                                                               | <0.14               | ug/kg | 0.98 | 1  | 10/01/24 13:38 | 10/02/24 20:37 | 113507-82-7 |      |
| PFHpS                                                                | <0.081              | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 20:37 | 375-92-8    |      |
| PFMBA                                                                | <0.16               | ug/kg | 0.98 | 1  | 10/01/24 13:38 | 10/02/24 20:37 | 863090-89-5 |      |
| PFMPA                                                                | <0.16               | ug/kg | 0.98 | 1  | 10/01/24 13:38 | 10/02/24 20:37 | 377-73-1    |      |
| PFNS                                                                 | <0.12               | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 20:37 | 68259-12-1  |      |
| PFOSA                                                                | <0.071              | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 20:37 | 754-91-6    |      |
| PFPeA                                                                | <0.18               | ug/kg | 0.98 | 1  | 10/01/24 13:38 | 10/02/24 20:37 | 2706-90-3   |      |
| PFPeS                                                                | <0.098              | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 20:37 | 2706-91-4   |      |
| PFDoA                                                                | <0.078              | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 20:37 | 307-55-1    |      |
| PFHpA                                                                | <0.10               | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 20:37 | 375-85-9    |      |
| PFHxS                                                                | <0.11               | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 20:37 | 355-46-4    |      |
| PFNA                                                                 | <0.088              | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 20:37 | 375-95-1    |      |
| PFOS                                                                 | 0.23J               | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 20:37 | 1763-23-1   |      |
| PFOA                                                                 | <0.065              | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 20:37 | 335-67-1    |      |
| PFTeDA                                                               | <0.074              | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 20:37 | 376-06-7    |      |
| PFTTrDA                                                              | <0.13               | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 20:37 | 72629-94-8  |      |
| PFUnA                                                                | 0.14J               | ug/kg | 0.49 | 1  | 10/01/24 13:38 | 10/02/24 20:37 | 2058-94-8   |      |

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## ANALYTICAL RESULTS

Project: Sunfish Lake PFAS 2024

Pace Project No.: 10705584

Sample: HS-BB-1 Lab ID: 10705584006 Collected: 08/21/24 08:49 Received: 08/27/24 08:10 Matrix: Tissue

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters            | Results                                                                                                        | Units | PQL    | DF | Prepared       | Analyzed       | CAS No. | Qual |
|-----------------------|----------------------------------------------------------------------------------------------------------------|-------|--------|----|----------------|----------------|---------|------|
| EPA 1633 DRAFT Tissue | Analytical Method: EPA 1633 DRAFT Preparation Method: EPA 1633 DRAFT<br>Pace Analytical Services - Minneapolis |       |        |    |                |                |         |      |
| Surrogates            |                                                                                                                |       |        |    |                |                |         |      |
| 13C2-PFDoA (S)        | 72                                                                                                             | %.    | 35-180 | 1  | 10/01/24 13:38 | 10/02/24 20:37 |         |      |
| 13C3HFPO-DA (S)       | 84                                                                                                             | %.    | 20-185 | 1  | 10/01/24 13:38 | 10/02/24 20:37 |         |      |
| 13C3-PFBS (S)         | 93                                                                                                             | %.    | 25-190 | 1  | 10/01/24 13:38 | 10/02/24 20:37 |         |      |
| 13C3-PFHxS (S)        | 98                                                                                                             | %.    | 35-175 | 1  | 10/01/24 13:38 | 10/02/24 20:37 |         |      |
| 13C4-PFBA (S)         | 59                                                                                                             | %.    | 5-130  | 1  | 10/01/24 13:38 | 10/02/24 20:37 |         |      |
| 13C4-PFHpA (S)        | 92                                                                                                             | %.    | 25-150 | 1  | 10/01/24 13:38 | 10/02/24 20:37 |         |      |
| 13C5-PFHxA (S)        | 91                                                                                                             | %.    | 25-170 | 1  | 10/01/24 13:38 | 10/02/24 20:37 |         |      |
| 13C5-PFPeA (S)        | 89                                                                                                             | %.    | 10-185 | 1  | 10/01/24 13:38 | 10/02/24 20:37 |         |      |
| 13C6-PFDA (S)         | 92                                                                                                             | %.    | 30-150 | 1  | 10/01/24 13:38 | 10/02/24 20:37 |         |      |
| 13C8-PFOA (S)         | 90                                                                                                             | %.    | 25-150 | 1  | 10/01/24 13:38 | 10/02/24 20:37 |         |      |
| 13C8-PFOS (S)         | 93                                                                                                             | %.    | 40-160 | 1  | 10/01/24 13:38 | 10/02/24 20:37 |         |      |
| 13C8-PFOSA (S)        | 90                                                                                                             | %.    | 25-180 | 1  | 10/01/24 13:38 | 10/02/24 20:37 |         |      |
| 13C9-PFNA (S)         | 93                                                                                                             | %.    | 35-185 | 1  | 10/01/24 13:38 | 10/02/24 20:37 |         |      |
| d3-MeFOSAA (S)        | 88                                                                                                             | %.    | 30-250 | 1  | 10/01/24 13:38 | 10/02/24 20:37 |         |      |
| d5-EtFOSAA (S)        | 93                                                                                                             | %.    | 30-235 | 1  | 10/01/24 13:38 | 10/02/24 20:37 |         |      |
| d7-NMeFOSE (S)        | 27                                                                                                             | %.    | 5-160  | 1  | 10/01/24 13:38 | 10/02/24 20:37 |         |      |
| 13C2-PFTA (S)         | 18                                                                                                             | %.    | 20-160 | 1  | 10/01/24 13:38 | 10/02/24 20:37 |         | S0   |
| 13C7-PFUdA (S)        | 91                                                                                                             | %.    | 30-180 | 1  | 10/01/24 13:38 | 10/02/24 20:37 |         |      |
| 13C24:2FTS (S)        | 122                                                                                                            | %.    | 30-300 | 1  | 10/01/24 13:38 | 10/02/24 20:37 |         |      |
| 13C26:2FTS (S)        | 163                                                                                                            | %.    | 35-300 | 1  | 10/01/24 13:38 | 10/02/24 20:37 |         |      |
| 13C28:2FTS (S)        | 159                                                                                                            | %.    | 40-365 | 1  | 10/01/24 13:38 | 10/02/24 20:37 |         |      |

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## ANALYTICAL RESULTS

Project: Sunfish Lake PFAS 2024

Pace Project No.: 10705584

Sample: HS-BB-2 Lab ID: 10705584007 Collected: 08/21/24 09:31 Received: 08/27/24 08:10 Matrix: Tissue

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters                                                           | Results             | Units | PQL  | DF | Prepared       | Analyzed       | CAS No.     | Qual |
|----------------------------------------------------------------------|---------------------|-------|------|----|----------------|----------------|-------------|------|
| <b>Dry Weight / %M by ASTM D2974</b>                                 |                     |       |      |    |                |                |             |      |
| Analytical Method: ASTM D2974                                        |                     |       |      |    |                |                |             |      |
| Pace Analytical Services - Minneapolis                               |                     |       |      |    |                |                |             |      |
| Percent Moisture                                                     | 82.3                | %     | 0.10 | 1  |                | 09/25/24 14:22 |             | N2   |
| <b>Grinding</b>                                                      |                     |       |      |    |                |                |             |      |
| Analytical Method: Pace SOP                                          |                     |       |      |    |                |                |             |      |
| Pace Analytical Services - Green Bay                                 |                     |       |      |    |                |                |             |      |
| Grind Date                                                           | 08/28/2024<br>11:04 |       |      | 1  |                | 08/28/24 11:04 |             |      |
| <b>EPA 1633 DRAFT Tissue</b>                                         |                     |       |      |    |                |                |             |      |
| Analytical Method: EPA 1633 DRAFT Preparation Method: EPA 1633 DRAFT |                     |       |      |    |                |                |             |      |
| Pace Analytical Services - Minneapolis                               |                     |       |      |    |                |                |             |      |
| 11CI-PF3OUdS                                                         | <0.58               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/02/24 20:52 | 763051-92-9 |      |
| 3:3 FTCA                                                             | <1.1                | ug/kg | 2.5  | 1  | 10/01/24 13:38 | 10/02/24 20:52 | 356-02-5    |      |
| 4:2 FTS                                                              | <0.30               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/02/24 20:52 | 757124-72-4 |      |
| 5:3 FTCA                                                             | <2.0                | ug/kg | 12.4 | 1  | 10/01/24 13:38 | 10/02/24 20:52 | 914637-49-3 |      |
| 6:2 FTS                                                              | <0.36               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/02/24 20:52 | 27619-97-2  |      |
| 7:3 FTCA                                                             | <2.6                | ug/kg | 12.4 | 1  | 10/01/24 13:38 | 10/02/24 20:52 | 812-70-4    |      |
| 8:2 FTS                                                              | <0.44               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/02/24 20:52 | 39108-34-4  |      |
| 9CI-PF3ONS                                                           | <0.42               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/02/24 20:52 | 756426-58-1 |      |
| ADONA                                                                | <0.38               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/02/24 20:52 | 919005-14-4 |      |
| HFPO-DA                                                              | <0.40               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/02/24 20:52 | 13252-13-6  |      |
| NEtFOSAA                                                             | <0.066              | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/02/24 20:52 | 2991-50-6   |      |
| NFDHA                                                                | <0.14               | ug/kg | 0.99 | 1  | 10/01/24 13:38 | 10/02/24 20:52 | 151772-58-6 |      |
| NMeFOSAA                                                             | <0.18               | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/02/24 20:52 | 2355-31-9   |      |
| PFBS                                                                 | <0.057              | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/02/24 20:52 | 375-73-5    |      |
| PFDA                                                                 | 0.22J               | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/02/24 20:52 | 335-76-2    |      |
| PFHxA                                                                | <0.062              | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/02/24 20:52 | 307-24-4    |      |
| PFBA                                                                 | <0.62               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/02/24 20:52 | 375-22-4    |      |
| PFDS                                                                 | <0.11               | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/02/24 20:52 | 335-77-3    |      |
| PFEESA                                                               | <0.15               | ug/kg | 0.99 | 1  | 10/01/24 13:38 | 10/02/24 20:52 | 113507-82-7 |      |
| PFHpS                                                                | <0.082              | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/02/24 20:52 | 375-92-8    |      |
| PFMBA                                                                | <0.16               | ug/kg | 0.99 | 1  | 10/01/24 13:38 | 10/02/24 20:52 | 863090-89-5 |      |
| PFMPA                                                                | <0.16               | ug/kg | 0.99 | 1  | 10/01/24 13:38 | 10/02/24 20:52 | 377-73-1    |      |
| PFNS                                                                 | <0.12               | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/02/24 20:52 | 68259-12-1  |      |
| PFOSA                                                                | <0.072              | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/02/24 20:52 | 754-91-6    |      |
| PFPeA                                                                | <0.18               | ug/kg | 0.99 | 1  | 10/01/24 13:38 | 10/02/24 20:52 | 2706-90-3   |      |
| PFPeS                                                                | <0.099              | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/02/24 20:52 | 2706-91-4   |      |
| PFDoA                                                                | 0.18J               | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/02/24 20:52 | 307-55-1    |      |
| PFHpA                                                                | <0.10               | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/02/24 20:52 | 375-85-9    |      |
| PFHxS                                                                | <0.11               | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/02/24 20:52 | 355-46-4    |      |
| PFNA                                                                 | <0.089              | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/02/24 20:52 | 375-95-1    |      |
| PFOS                                                                 | 0.95                | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/02/24 20:52 | 1763-23-1   |      |
| PFOA                                                                 | <0.065              | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/02/24 20:52 | 335-67-1    |      |
| PFTeDA                                                               | <0.075              | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/02/24 20:52 | 376-06-7    |      |
| PFTTrDA                                                              | <0.13               | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/02/24 20:52 | 72629-94-8  |      |
| PFUnA                                                                | 0.20J               | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/02/24 20:52 | 2058-94-8   |      |

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## ANALYTICAL RESULTS

Project: Sunfish Lake PFAS 2024

Pace Project No.: 10705584

Sample: HS-BB-2 Lab ID: 10705584007 Collected: 08/21/24 09:31 Received: 08/27/24 08:10 Matrix: Tissue

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters            | Results                                                                                                        | Units | PQL    | DF | Prepared       | Analyzed       | CAS No. | Qual |
|-----------------------|----------------------------------------------------------------------------------------------------------------|-------|--------|----|----------------|----------------|---------|------|
| EPA 1633 DRAFT Tissue | Analytical Method: EPA 1633 DRAFT Preparation Method: EPA 1633 DRAFT<br>Pace Analytical Services - Minneapolis |       |        |    |                |                |         |      |
| Surrogates            |                                                                                                                |       |        |    |                |                |         |      |
| 13C2-PFDoA (S)        | 81                                                                                                             | %.    | 35-180 | 1  | 10/01/24 13:38 | 10/02/24 20:52 |         |      |
| 13C3HFPO-DA (S)       | 58                                                                                                             | %.    | 20-185 | 1  | 10/01/24 13:38 | 10/02/24 20:52 |         |      |
| 13C3-PFBS (S)         | 77                                                                                                             | %.    | 25-190 | 1  | 10/01/24 13:38 | 10/02/24 20:52 |         |      |
| 13C3-PFHxS (S)        | 95                                                                                                             | %.    | 35-175 | 1  | 10/01/24 13:38 | 10/02/24 20:52 |         |      |
| 13C4-PFBA (S)         | 20                                                                                                             | %.    | 5-130  | 1  | 10/01/24 13:38 | 10/02/24 20:52 |         |      |
| 13C4-PFHpA (S)        | 79                                                                                                             | %.    | 25-150 | 1  | 10/01/24 13:38 | 10/02/24 20:52 |         |      |
| 13C5-PFHxA (S)        | 65                                                                                                             | %.    | 25-170 | 1  | 10/01/24 13:38 | 10/02/24 20:52 |         |      |
| 13C5-PFPeA (S)        | 46                                                                                                             | %.    | 10-185 | 1  | 10/01/24 13:38 | 10/02/24 20:52 |         |      |
| 13C6-PFDA (S)         | 91                                                                                                             | %.    | 30-150 | 1  | 10/01/24 13:38 | 10/02/24 20:52 |         |      |
| 13C8-PFOA (S)         | 80                                                                                                             | %.    | 25-150 | 1  | 10/01/24 13:38 | 10/02/24 20:52 |         |      |
| 13C8-PFOS (S)         | 98                                                                                                             | %.    | 40-160 | 1  | 10/01/24 13:38 | 10/02/24 20:52 |         |      |
| 13C8-PFOSA (S)        | 89                                                                                                             | %.    | 25-180 | 1  | 10/01/24 13:38 | 10/02/24 20:52 |         |      |
| 13C9-PFNA (S)         | 87                                                                                                             | %.    | 35-185 | 1  | 10/01/24 13:38 | 10/02/24 20:52 |         |      |
| d3-MeFOSAA (S)        | 90                                                                                                             | %.    | 30-250 | 1  | 10/01/24 13:38 | 10/02/24 20:52 |         |      |
| d5-EtFOSAA (S)        | 106                                                                                                            | %.    | 30-235 | 1  | 10/01/24 13:38 | 10/02/24 20:52 |         |      |
| d7-NMeFOSE (S)        | 26                                                                                                             | %.    | 5-160  | 1  | 10/01/24 13:38 | 10/02/24 20:52 |         |      |
| 13C2-PFTA (S)         | 23                                                                                                             | %.    | 20-160 | 1  | 10/01/24 13:38 | 10/02/24 20:52 |         |      |
| 13C7-PFUdA (S)        | 91                                                                                                             | %.    | 30-180 | 1  | 10/01/24 13:38 | 10/02/24 20:52 |         |      |
| 13C24:2FTS (S)        | 66                                                                                                             | %.    | 30-300 | 1  | 10/01/24 13:38 | 10/02/24 20:52 |         |      |
| 13C26:2FTS (S)        | 145                                                                                                            | %.    | 35-300 | 1  | 10/01/24 13:38 | 10/02/24 20:52 |         |      |
| 13C28:2FTS (S)        | 176                                                                                                            | %.    | 40-365 | 1  | 10/01/24 13:38 | 10/02/24 20:52 |         |      |

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## ANALYTICAL RESULTS

Project: Sunfish Lake PFAS 2024

Pace Project No.: 10705584

Sample: HS-LMB Lab ID: 10705584008 Collected: 08/21/24 09:01 Received: 08/27/24 08:10 Matrix: Tissue

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters                                                           | Results             | Units | PQL  | DF | Prepared       | Analyzed       | CAS No.     | Qual |
|----------------------------------------------------------------------|---------------------|-------|------|----|----------------|----------------|-------------|------|
| <b>Dry Weight / %M by ASTM D2974</b>                                 |                     |       |      |    |                |                |             |      |
| Analytical Method: ASTM D2974                                        |                     |       |      |    |                |                |             |      |
| Pace Analytical Services - Minneapolis                               |                     |       |      |    |                |                |             |      |
| Percent Moisture                                                     | 81.7                | %     | 0.10 | 1  |                | 09/25/24 14:23 |             | N2   |
| <b>Grinding</b>                                                      |                     |       |      |    |                |                |             |      |
| Analytical Method: Pace SOP                                          |                     |       |      |    |                |                |             |      |
| Pace Analytical Services - Green Bay                                 |                     |       |      |    |                |                |             |      |
| Grind Date                                                           | 08/28/2024<br>11:04 |       |      | 1  |                | 08/28/24 11:04 |             |      |
| <b>EPA 1633 DRAFT Tissue</b>                                         |                     |       |      |    |                |                |             |      |
| Analytical Method: EPA 1633 DRAFT Preparation Method: EPA 1633 DRAFT |                     |       |      |    |                |                |             |      |
| Pace Analytical Services - Minneapolis                               |                     |       |      |    |                |                |             |      |
| 11CI-PF3OUdS                                                         | <0.56               | ug/kg | 1.9  | 1  | 10/01/24 13:38 | 10/02/24 21:08 | 763051-92-9 |      |
| 3:3 FTCA                                                             | <1.1                | ug/kg | 2.4  | 1  | 10/01/24 13:38 | 10/02/24 21:08 | 356-02-5    |      |
| 4:2 FTS                                                              | <0.29               | ug/kg | 1.9  | 1  | 10/01/24 13:38 | 10/02/24 21:08 | 757124-72-4 |      |
| 5:3 FTCA                                                             | <1.9                | ug/kg | 12.1 | 1  | 10/01/24 13:38 | 10/02/24 21:08 | 914637-49-3 |      |
| 6:2 FTS                                                              | <0.35               | ug/kg | 1.9  | 1  | 10/01/24 13:38 | 10/02/24 21:08 | 27619-97-2  |      |
| 7:3 FTCA                                                             | <2.5                | ug/kg | 12.1 | 1  | 10/01/24 13:38 | 10/02/24 21:08 | 812-70-4    |      |
| 8:2 FTS                                                              | <0.43               | ug/kg | 1.9  | 1  | 10/01/24 13:38 | 10/02/24 21:08 | 39108-34-4  |      |
| 9CI-PF3ONS                                                           | <0.41               | ug/kg | 1.9  | 1  | 10/01/24 13:38 | 10/02/24 21:08 | 756426-58-1 |      |
| ADONA                                                                | <0.37               | ug/kg | 1.9  | 1  | 10/01/24 13:38 | 10/02/24 21:08 | 919005-14-4 |      |
| HFPO-DA                                                              | <0.39               | ug/kg | 1.9  | 1  | 10/01/24 13:38 | 10/02/24 21:08 | 13252-13-6  |      |
| NEtFOSAA                                                             | <0.064              | ug/kg | 0.48 | 1  | 10/01/24 13:38 | 10/02/24 21:08 | 2991-50-6   |      |
| NFDHA                                                                | <0.14               | ug/kg | 0.97 | 1  | 10/01/24 13:38 | 10/02/24 21:08 | 151772-58-6 |      |
| NMeFOSAA                                                             | <0.17               | ug/kg | 0.48 | 1  | 10/01/24 13:38 | 10/02/24 21:08 | 2355-31-9   |      |
| PFBS                                                                 | <0.056              | ug/kg | 0.48 | 1  | 10/01/24 13:38 | 10/02/24 21:08 | 375-73-5    |      |
| PFDA                                                                 | 1.6                 | ug/kg | 0.48 | 1  | 10/01/24 13:38 | 10/02/24 21:08 | 335-76-2    |      |
| PFHxA                                                                | <0.060              | ug/kg | 0.48 | 1  | 10/01/24 13:38 | 10/02/24 21:08 | 307-24-4    |      |
| PFBA                                                                 | <0.61               | ug/kg | 1.9  | 1  | 10/01/24 13:38 | 10/02/24 21:08 | 375-22-4    |      |
| PFDS                                                                 | 0.11J               | ug/kg | 0.48 | 1  | 10/01/24 13:38 | 10/02/24 21:08 | 335-77-3    |      |
| PFEESA                                                               | <0.14               | ug/kg | 0.97 | 1  | 10/01/24 13:38 | 10/02/24 21:08 | 113507-82-7 |      |
| PFHpS                                                                | <0.080              | ug/kg | 0.48 | 1  | 10/01/24 13:38 | 10/02/24 21:08 | 375-92-8    |      |
| PFMBA                                                                | <0.16               | ug/kg | 0.97 | 1  | 10/01/24 13:38 | 10/02/24 21:08 | 863090-89-5 |      |
| PFMPA                                                                | <0.15               | ug/kg | 0.97 | 1  | 10/01/24 13:38 | 10/02/24 21:08 | 377-73-1    |      |
| PFNS                                                                 | <0.12               | ug/kg | 0.48 | 1  | 10/01/24 13:38 | 10/02/24 21:08 | 68259-12-1  |      |
| PFOSA                                                                | <0.070              | ug/kg | 0.48 | 1  | 10/01/24 13:38 | 10/02/24 21:08 | 754-91-6    |      |
| PFPeA                                                                | <0.17               | ug/kg | 0.97 | 1  | 10/01/24 13:38 | 10/02/24 21:08 | 2706-90-3   |      |
| PFPeS                                                                | <0.096              | ug/kg | 0.48 | 1  | 10/01/24 13:38 | 10/02/24 21:08 | 2706-91-4   |      |
| PFDoA                                                                | 0.16J               | ug/kg | 0.48 | 1  | 10/01/24 13:38 | 10/02/24 21:08 | 307-55-1    |      |
| PFHpA                                                                | <0.099              | ug/kg | 0.48 | 1  | 10/01/24 13:38 | 10/02/24 21:08 | 375-85-9    |      |
| PFHxS                                                                | <0.10               | ug/kg | 0.48 | 1  | 10/01/24 13:38 | 10/02/24 21:08 | 355-46-4    |      |
| PFNA                                                                 | 0.56                | ug/kg | 0.48 | 1  | 10/01/24 13:38 | 10/02/24 21:08 | 375-95-1    | B    |
| PFOS                                                                 | 3.5                 | ug/kg | 0.48 | 1  | 10/01/24 13:38 | 10/02/24 21:08 | 1763-23-1   |      |
| PFOA                                                                 | <0.064              | ug/kg | 0.48 | 1  | 10/01/24 13:38 | 10/02/24 21:08 | 335-67-1    |      |
| PFTeDA                                                               | <0.073              | ug/kg | 0.48 | 1  | 10/01/24 13:38 | 10/02/24 21:08 | 376-06-7    |      |
| PFTTrDA                                                              | <0.13               | ug/kg | 0.48 | 1  | 10/01/24 13:38 | 10/02/24 21:08 | 72629-94-8  |      |
| PFUnA                                                                | 0.92                | ug/kg | 0.48 | 1  | 10/01/24 13:38 | 10/02/24 21:08 | 2058-94-8   |      |

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## ANALYTICAL RESULTS

Project: Sunfish Lake PFAS 2024

Pace Project No.: 10705584

Sample: HS-LMB Lab ID: 10705584008 Collected: 08/21/24 09:01 Received: 08/27/24 08:10 Matrix: Tissue

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters            | Results                                                                                                        | Units | PQL    | DF | Prepared       | Analyzed       | CAS No. | Qual |
|-----------------------|----------------------------------------------------------------------------------------------------------------|-------|--------|----|----------------|----------------|---------|------|
| EPA 1633 DRAFT Tissue | Analytical Method: EPA 1633 DRAFT Preparation Method: EPA 1633 DRAFT<br>Pace Analytical Services - Minneapolis |       |        |    |                |                |         |      |
| Surrogates            |                                                                                                                |       |        |    |                |                |         |      |
| 13C2-PFDoA (S)        | 70                                                                                                             | %.    | 35-180 | 1  | 10/01/24 13:38 | 10/02/24 21:08 |         |      |
| 13C3HFPO-DA (S)       | 80                                                                                                             | %.    | 20-185 | 1  | 10/01/24 13:38 | 10/02/24 21:08 |         |      |
| 13C3-PFBS (S)         | 92                                                                                                             | %.    | 25-190 | 1  | 10/01/24 13:38 | 10/02/24 21:08 |         |      |
| 13C3-PFHxS (S)        | 102                                                                                                            | %.    | 35-175 | 1  | 10/01/24 13:38 | 10/02/24 21:08 |         |      |
| 13C4-PFBA (S)         | 49                                                                                                             | %.    | 5-130  | 1  | 10/01/24 13:38 | 10/02/24 21:08 |         |      |
| 13C4-PFHpA (S)        | 93                                                                                                             | %.    | 25-150 | 1  | 10/01/24 13:38 | 10/02/24 21:08 |         |      |
| 13C5-PFHxA (S)        | 90                                                                                                             | %.    | 25-170 | 1  | 10/01/24 13:38 | 10/02/24 21:08 |         |      |
| 13C5-PFPeA (S)        | 87                                                                                                             | %.    | 10-185 | 1  | 10/01/24 13:38 | 10/02/24 21:08 |         |      |
| 13C6-PFDA (S)         | 89                                                                                                             | %.    | 30-150 | 1  | 10/01/24 13:38 | 10/02/24 21:08 |         |      |
| 13C8-PFOA (S)         | 87                                                                                                             | %.    | 25-150 | 1  | 10/01/24 13:38 | 10/02/24 21:08 |         |      |
| 13C8-PFOS (S)         | 102                                                                                                            | %.    | 40-160 | 1  | 10/01/24 13:38 | 10/02/24 21:08 |         |      |
| 13C8-PFOSA (S)        | 93                                                                                                             | %.    | 25-180 | 1  | 10/01/24 13:38 | 10/02/24 21:08 |         |      |
| 13C9-PFNA (S)         | 91                                                                                                             | %.    | 35-185 | 1  | 10/01/24 13:38 | 10/02/24 21:08 |         |      |
| d3-MeFOSAA (S)        | 101                                                                                                            | %.    | 30-250 | 1  | 10/01/24 13:38 | 10/02/24 21:08 |         |      |
| d5-EtFOSAA (S)        | 104                                                                                                            | %.    | 30-235 | 1  | 10/01/24 13:38 | 10/02/24 21:08 |         |      |
| d7-NMeFOSE (S)        | 24                                                                                                             | %.    | 5-160  | 1  | 10/01/24 13:38 | 10/02/24 21:08 |         |      |
| 13C2-PFTA (S)         | 17                                                                                                             | %.    | 20-160 | 1  | 10/01/24 13:38 | 10/02/24 21:08 |         | S0   |
| 13C7-PFUdA (S)        | 85                                                                                                             | %.    | 30-180 | 1  | 10/01/24 13:38 | 10/02/24 21:08 |         |      |
| 13C24:2FTS (S)        | 146                                                                                                            | %.    | 30-300 | 1  | 10/01/24 13:38 | 10/02/24 21:08 |         |      |
| 13C26:2FTS (S)        | 226                                                                                                            | %.    | 35-300 | 1  | 10/01/24 13:38 | 10/02/24 21:08 |         |      |
| 13C28:2FTS (S)        | 200                                                                                                            | %.    | 40-365 | 1  | 10/01/24 13:38 | 10/02/24 21:08 |         |      |

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## ANALYTICAL RESULTS

Project: Sunfish Lake PFAS 2024

Pace Project No.: 10705584

Sample: SF-SF-1 Lab ID: 10705584009 Collected: 08/21/24 13:21 Received: 08/27/24 08:10 Matrix: Tissue

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters                                                           | Results             | Units | PQL  | DF | Prepared       | Analyzed       | CAS No.     | Qual |
|----------------------------------------------------------------------|---------------------|-------|------|----|----------------|----------------|-------------|------|
| <b>Dry Weight / %M by ASTM D2974</b>                                 |                     |       |      |    |                |                |             |      |
| Analytical Method: ASTM D2974                                        |                     |       |      |    |                |                |             |      |
| Pace Analytical Services - Minneapolis                               |                     |       |      |    |                |                |             |      |
| Percent Moisture                                                     | 82.7                | %     | 0.10 | 1  |                | 09/25/24 14:24 |             | N2   |
| <b>Grinding</b>                                                      |                     |       |      |    |                |                |             |      |
| Analytical Method: Pace SOP                                          |                     |       |      |    |                |                |             |      |
| Pace Analytical Services - Green Bay                                 |                     |       |      |    |                |                |             |      |
| Grind Date                                                           | 08/28/2024<br>11:04 |       |      | 1  |                | 08/28/24 11:04 |             |      |
| <b>EPA 1633 DRAFT Tissue</b>                                         |                     |       |      |    |                |                |             |      |
| Analytical Method: EPA 1633 DRAFT Preparation Method: EPA 1633 DRAFT |                     |       |      |    |                |                |             |      |
| Pace Analytical Services - Minneapolis                               |                     |       |      |    |                |                |             |      |
| 11CI-PF3OUdS                                                         | <0.58               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/03/24 13:52 | 763051-92-9 |      |
| 3:3 FTCA                                                             | <1.1                | ug/kg | 2.5  | 1  | 10/01/24 13:38 | 10/03/24 13:52 | 356-02-5    |      |
| 4:2 FTS                                                              | <0.30               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/03/24 13:52 | 757124-72-4 |      |
| 5:3 FTCA                                                             | <2.0                | ug/kg | 12.4 | 1  | 10/01/24 13:38 | 10/03/24 13:52 | 914637-49-3 |      |
| 6:2 FTS                                                              | <0.36               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/03/24 13:52 | 27619-97-2  |      |
| 7:3 FTCA                                                             | <2.6                | ug/kg | 12.4 | 1  | 10/01/24 13:38 | 10/03/24 13:52 | 812-70-4    |      |
| 8:2 FTS                                                              | <0.44               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/03/24 13:52 | 39108-34-4  |      |
| 9CI-PF3ONS                                                           | <0.42               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/03/24 13:52 | 756426-58-1 |      |
| ADONA                                                                | <0.38               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/03/24 13:52 | 919005-14-4 |      |
| HFPO-DA                                                              | <0.40               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/03/24 13:52 | 13252-13-6  |      |
| NEtFOSAA                                                             | <0.066              | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/03/24 13:52 | 2991-50-6   |      |
| NFDHA                                                                | <0.14               | ug/kg | 0.99 | 1  | 10/01/24 13:38 | 10/03/24 13:52 | 151772-58-6 |      |
| NMeFOSAA                                                             | <0.18               | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/03/24 13:52 | 2355-31-9   |      |
| PFBS                                                                 | <0.057              | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/03/24 13:52 | 375-73-5    |      |
| PFDA                                                                 | 0.43J               | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/03/24 13:52 | 335-76-2    |      |
| PFHxA                                                                | <0.062              | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/03/24 13:52 | 307-24-4    |      |
| PFBA                                                                 | <0.63               | ug/kg | 2.0  | 1  | 10/01/24 13:38 | 10/03/24 13:52 | 375-22-4    |      |
| PFDS                                                                 | <0.11               | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/03/24 13:52 | 335-77-3    |      |
| PFEESA                                                               | <0.15               | ug/kg | 0.99 | 1  | 10/01/24 13:38 | 10/03/24 13:52 | 113507-82-7 |      |
| PFHpS                                                                | <0.082              | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/03/24 13:52 | 375-92-8    |      |
| PFMBA                                                                | <0.16               | ug/kg | 0.99 | 1  | 10/01/24 13:38 | 10/03/24 13:52 | 863090-89-5 |      |
| PFMPA                                                                | <0.16               | ug/kg | 0.99 | 1  | 10/01/24 13:38 | 10/03/24 13:52 | 377-73-1    |      |
| PFNS                                                                 | <0.12               | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/03/24 13:52 | 68259-12-1  |      |
| PFOSA                                                                | <0.072              | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/03/24 13:52 | 754-91-6    |      |
| PFPeA                                                                | <0.18               | ug/kg | 0.99 | 1  | 10/01/24 13:38 | 10/03/24 13:52 | 2706-90-3   |      |
| PFPeS                                                                | <0.099              | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/03/24 13:52 | 2706-91-4   |      |
| PFDoA                                                                | 0.099J              | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/03/24 13:52 | 307-55-1    |      |
| PFHpA                                                                | <0.10               | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/03/24 13:52 | 375-85-9    |      |
| PFHxS                                                                | <0.11               | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/03/24 13:52 | 355-46-4    |      |
| PFNA                                                                 | <0.089              | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/03/24 13:52 | 375-95-1    |      |
| PFOS                                                                 | 3.6                 | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/03/24 13:52 | 1763-23-1   |      |
| PFOA                                                                 | <0.065              | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/03/24 13:52 | 335-67-1    |      |
| PFTeDA                                                               | <0.075              | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/03/24 13:52 | 376-06-7    |      |
| PFTTrDA                                                              | <0.13               | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/03/24 13:52 | 72629-94-8  |      |
| PFUnA                                                                | 0.37J               | ug/kg | 0.50 | 1  | 10/01/24 13:38 | 10/03/24 13:52 | 2058-94-8   |      |

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## ANALYTICAL RESULTS

Project: Sunfish Lake PFAS 2024

Pace Project No.: 10705584

Sample: SF-SF-1 Lab ID: 10705584009 Collected: 08/21/24 13:21 Received: 08/27/24 08:10 Matrix: Tissue

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters            | Results                                                                                                        | Units | PQL    | DF | Prepared       | Analyzed       | CAS No. | Qual |
|-----------------------|----------------------------------------------------------------------------------------------------------------|-------|--------|----|----------------|----------------|---------|------|
| EPA 1633 DRAFT Tissue | Analytical Method: EPA 1633 DRAFT Preparation Method: EPA 1633 DRAFT<br>Pace Analytical Services - Minneapolis |       |        |    |                |                |         |      |
| Surrogates            |                                                                                                                |       |        |    |                |                |         |      |
| 13C2-PFDoA (S)        | 71                                                                                                             | %.    | 35-180 | 1  | 10/01/24 13:38 | 10/03/24 13:52 |         |      |
| 13C3HFPO-DA (S)       | 113                                                                                                            | %.    | 20-185 | 1  | 10/01/24 13:38 | 10/03/24 13:52 |         |      |
| 13C3-PFBS (S)         | 88                                                                                                             | %.    | 25-190 | 1  | 10/01/24 13:38 | 10/03/24 13:52 |         |      |
| 13C3-PFHxS (S)        | 96                                                                                                             | %.    | 35-175 | 1  | 10/01/24 13:38 | 10/03/24 13:52 |         |      |
| 13C4-PFBA (S)         | 68                                                                                                             | %.    | 5-130  | 1  | 10/01/24 13:38 | 10/03/24 13:52 |         |      |
| 13C4-PFHpA (S)        | 114                                                                                                            | %.    | 25-150 | 1  | 10/01/24 13:38 | 10/03/24 13:52 |         |      |
| 13C5-PFHxA (S)        | 88                                                                                                             | %.    | 25-170 | 1  | 10/01/24 13:38 | 10/03/24 13:52 |         |      |
| 13C5-PFPeA (S)        | 107                                                                                                            | %.    | 10-185 | 1  | 10/01/24 13:38 | 10/03/24 13:52 |         |      |
| 13C6-PFDA (S)         | 87                                                                                                             | %.    | 30-150 | 1  | 10/01/24 13:38 | 10/03/24 13:52 |         |      |
| 13C8-PFOA (S)         | 91                                                                                                             | %.    | 25-150 | 1  | 10/01/24 13:38 | 10/03/24 13:52 |         |      |
| 13C8-PFOS (S)         | 99                                                                                                             | %.    | 40-160 | 1  | 10/01/24 13:38 | 10/03/24 13:52 |         |      |
| 13C8-PFOSA (S)        | 120                                                                                                            | %.    | 25-180 | 1  | 10/01/24 13:38 | 10/03/24 13:52 |         |      |
| 13C9-PFNA (S)         | 94                                                                                                             | %.    | 35-185 | 1  | 10/01/24 13:38 | 10/03/24 13:52 |         |      |
| d3-MeFOSAA (S)        | 94                                                                                                             | %.    | 30-250 | 1  | 10/01/24 13:38 | 10/03/24 13:52 |         |      |
| d5-EtFOSAA (S)        | 91                                                                                                             | %.    | 30-235 | 1  | 10/01/24 13:38 | 10/03/24 13:52 |         |      |
| d7-NMeFOSE (S)        | 4                                                                                                              | %.    | 5-160  | 1  | 10/01/24 13:38 | 10/03/24 13:52 |         | S0   |
| 13C2-PFTA (S)         | 13                                                                                                             | %.    | 20-160 | 1  | 10/01/24 13:38 | 10/03/24 13:52 |         | S0   |
| 13C7-PFUdA (S)        | 85                                                                                                             | %.    | 30-180 | 1  | 10/01/24 13:38 | 10/03/24 13:52 |         |      |
| 13C24:2FTS (S)        | 110                                                                                                            | %.    | 30-300 | 1  | 10/01/24 13:38 | 10/03/24 13:52 |         |      |
| 13C26:2FTS (S)        | 171                                                                                                            | %.    | 35-300 | 1  | 10/01/24 13:38 | 10/03/24 13:52 |         |      |
| 13C28:2FTS (S)        | 152                                                                                                            | %.    | 40-365 | 1  | 10/01/24 13:38 | 10/03/24 13:52 |         |      |

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QUALITY CONTROL DATA

Project: Sunfish Lake PFAS 2024  
Pace Project No.: 10705584

|                         |                                                                                                                     |                       |                                        |
|-------------------------|---------------------------------------------------------------------------------------------------------------------|-----------------------|----------------------------------------|
| QC Batch:               | 970123                                                                                                              | Analysis Method:      | ASTM D2974                             |
| QC Batch Method:        | ASTM D2974                                                                                                          | Analysis Description: | Dry Weight / %M by ASTM D2974          |
|                         |                                                                                                                     | Laboratory:           | Pace Analytical Services - Minneapolis |
| Associated Lab Samples: | 10705584001, 10705584002, 10705584003, 10705584004, 10705584005, 10705584006, 10705584007, 10705584008, 10705584009 |                       |                                        |

SAMPLE DUPLICATE: 5069577

| Parameter        | Units | 10705584001<br>Result | Dup<br>Result | RPD | Max<br>RPD | Qualifiers |
|------------------|-------|-----------------------|---------------|-----|------------|------------|
| Percent Moisture | %     | 79.4                  | 79.8          | 1   | 30         | N2         |

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REPORT OF LABORATORY ANALYSIS



## QUALITY CONTROL DATA

Project: Sunfish Lake PFAS 2024  
Pace Project No.: 10705584

|                  |                |                       |                                        |
|------------------|----------------|-----------------------|----------------------------------------|
| QC Batch:        | 971075         | Analysis Method:      | EPA 1633 DRAFT                         |
| QC Batch Method: | EPA 1633 DRAFT | Analysis Description: | EPA 1633 DRAFT Tissue                  |
|                  |                | Laboratory:           | Pace Analytical Services - Minneapolis |

Associated Lab Samples: 10705584001, 10705584002, 10705584003, 10705584004, 10705584005, 10705584006, 10705584007, 10705584008, 10705584009

|               |         |         |        |
|---------------|---------|---------|--------|
| METHOD BLANK: | 5074710 | Matrix: | Tissue |
|---------------|---------|---------|--------|

Associated Lab Samples: 10705584001, 10705584002, 10705584003, 10705584004, 10705584005, 10705584006, 10705584007, 10705584008, 10705584009

| Parameter      | Units | Blank Result | Reporting Limit | Analyzed       | Qualifiers |
|----------------|-------|--------------|-----------------|----------------|------------|
| 11CI-PF3OUdS   | ug/kg | <0.58        | 2.0             | 10/02/24 18:16 |            |
| 3:3 FTCA       | ug/kg | <1.1         | 2.5             | 10/02/24 18:16 |            |
| 4:2 FTS        | ug/kg | <0.30        | 2.0             | 10/02/24 18:16 |            |
| 5:3 FTCA       | ug/kg | <2.0         | 12.5            | 10/02/24 18:16 |            |
| 6:2 FTS        | ug/kg | <0.36        | 2.0             | 10/02/24 18:16 |            |
| 7:3 FTCA       | ug/kg | <2.6         | 12.5            | 10/02/24 18:16 |            |
| 8:2 FTS        | ug/kg | <0.44        | 2.0             | 10/02/24 18:16 |            |
| 9CI-PF3ONS     | ug/kg | <0.42        | 2.0             | 10/02/24 18:16 |            |
| ADONA          | ug/kg | <0.38        | 2.0             | 10/02/24 18:16 |            |
| HFPO-DA        | ug/kg | <0.41        | 2.0             | 10/02/24 18:16 |            |
| NEtFOSAA       | ug/kg | <0.066       | 0.50            | 10/02/24 18:16 |            |
| NFDHA          | ug/kg | <0.14        | 1.0             | 10/02/24 18:16 |            |
| NMeFOSAA       | ug/kg | <0.18        | 0.50            | 10/02/24 18:16 |            |
| PFBA           | ug/kg | <0.63        | 2.0             | 10/02/24 18:16 |            |
| PFBS           | ug/kg | <0.058       | 0.50            | 10/02/24 18:16 |            |
| PFDA           | ug/kg | <0.099       | 0.50            | 10/02/24 18:16 |            |
| PFDoA          | ug/kg | <0.079       | 0.50            | 10/02/24 18:16 |            |
| PFDS           | ug/kg | <0.11        | 0.50            | 10/02/24 18:16 |            |
| PFEESA         | ug/kg | <0.15        | 1.0             | 10/02/24 18:16 |            |
| PFHpA          | ug/kg | <0.10        | 0.50            | 10/02/24 18:16 |            |
| PFHpS          | ug/kg | <0.083       | 0.50            | 10/02/24 18:16 |            |
| PFHxA          | ug/kg | <0.062       | 0.50            | 10/02/24 18:16 |            |
| PFHxS          | ug/kg | <0.11        | 0.50            | 10/02/24 18:16 |            |
| PFMBA          | ug/kg | <0.16        | 1.0             | 10/02/24 18:16 |            |
| PFMPA          | ug/kg | <0.16        | 1.0             | 10/02/24 18:16 |            |
| PFNA           | ug/kg | 0.092J       | 0.50            | 10/02/24 18:16 |            |
| PFNS           | ug/kg | <0.12        | 0.50            | 10/02/24 18:16 |            |
| PFOA           | ug/kg | <0.066       | 0.50            | 10/02/24 18:16 |            |
| PFOS           | ug/kg | <0.11        | 0.50            | 10/02/24 18:16 |            |
| PFOSA          | ug/kg | <0.072       | 0.50            | 10/02/24 18:16 |            |
| PFPeA          | ug/kg | <0.18        | 1.0             | 10/02/24 18:16 |            |
| PFPeS          | ug/kg | <0.099       | 0.50            | 10/02/24 18:16 |            |
| PFTeDA         | ug/kg | <0.075       | 0.50            | 10/02/24 18:16 |            |
| PFTTrDA        | ug/kg | <0.13        | 0.50            | 10/02/24 18:16 |            |
| PFUnA          | ug/kg | <0.091       | 0.50            | 10/02/24 18:16 |            |
| 13C2-PFDoA (S) | %     | 85           | 35-180          | 10/02/24 18:16 |            |
| 13C2-PFTA (S)  | %     | 29           | 20-160          | 10/02/24 18:16 |            |
| 13C24:2FTS (S) | %     | 31           | 30-300          | 10/02/24 18:16 |            |
| 13C26:2FTS (S) | %     | 99           | 35-300          | 10/02/24 18:16 |            |

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## QUALITY CONTROL DATA

Project: Sunfish Lake PFAS 2024

Pace Project No.: 10705584

METHOD BLANK: 5074710

Matrix: Tissue

Associated Lab Samples: 10705584001, 10705584002, 10705584003, 10705584004, 10705584005, 10705584006, 10705584007, 10705584008, 10705584009

| Parameter       | Units | Blank Result | Reporting Limit | Analyzed       | Qualifiers |
|-----------------|-------|--------------|-----------------|----------------|------------|
| 13C28:2FTS (S)  | %.    | 152          | 40-365          | 10/02/24 18:16 |            |
| 13C3-PFBS (S)   | %.    | 48           | 25-190          | 10/02/24 18:16 |            |
| 13C3-PFHxS (S)  | %.    | 81           | 35-175          | 10/02/24 18:16 |            |
| 13C3HFPO-DA (S) | %.    | 39           | 20-185          | 10/02/24 18:16 |            |
| 13C4-PFBA (S)   | %.    | 3            | 5-130           | 10/02/24 18:16 | S0         |
| 13C4-PFHpA (S)  | %.    | 59           | 25-150          | 10/02/24 18:16 |            |
| 13C5-PFHxA (S)  | %.    | 40           | 25-170          | 10/02/24 18:16 |            |
| 13C5-PFPeA (S)  | %.    | 15           | 10-185          | 10/02/24 18:16 |            |
| 13C6-PFDA (S)   | %.    | 83           | 30-150          | 10/02/24 18:16 |            |
| 13C7-PFUdA (S)  | %.    | 85           | 30-180          | 10/02/24 18:16 |            |
| 13C8-PFOA (S)   | %.    | 71           | 25-150          | 10/02/24 18:16 |            |
| 13C8-PFOS (S)   | %.    | 94           | 40-160          | 10/02/24 18:16 |            |
| 13C8-PFOSA (S)  | %.    | 81           | 25-180          | 10/02/24 18:16 |            |
| 13C9-PFNA (S)   | %.    | 79           | 35-185          | 10/02/24 18:16 |            |
| d3-MeFOSAA (S)  | %.    | 93           | 30-250          | 10/02/24 18:16 |            |
| d5-EtFOSAA (S)  | %.    | 109          | 30-235          | 10/02/24 18:16 |            |
| d7-NMeFOSE (S)  | %.    | 40           | 5-160           | 10/02/24 18:16 |            |

LABORATORY CONTROL SAMPLE & LCSD: 5074711

5074712

| Parameter    | Units | Spike Conc. | LCS Result | LCSD Result | LCS % Rec | LCSD % Rec | % Rec Limits | RPD | Max RPD | Qualifiers |
|--------------|-------|-------------|------------|-------------|-----------|------------|--------------|-----|---------|------------|
| 11CI-PF3OUdS | ug/kg | 22.6        | 30.3       | 24.4        | 134       | 108        | 50-170       | 22  | 30      |            |
| 3:3 FTCA     | ug/kg | 30          | 9.1        | 24.0        | 30        | 80         | 30-140       | 90  | 30      | R1         |
| 4:2 FTS      | ug/kg | 22.5        | 23.9       | 22.5        | 106       | 100        | 55-150       | 6   | 30      |            |
| 5:3 FTCA     | ug/kg | 150         | 144        | 143         | 96        | 95         | 60-160       | 0   | 30      |            |
| 6:2 FTS      | ug/kg | 22.8        | 23.9       | 22.3        | 105       | 98         | 60-150       | 7   | 30      |            |
| 7:3 FTCA     | ug/kg | 150         | 185        | 151         | 123       | 101        | 60-200       | 20  | 30      |            |
| 8:2 FTS      | ug/kg | 23.1        | 25.8       | 22.8        | 112       | 99         | 60-170       | 12  | 30      |            |
| 9CI-PF3ONS   | ug/kg | 22.5        | 32.1       | 26.4        | 143       | 117        | 60-170       | 20  | 30      |            |
| ADONA        | ug/kg | 22.6        | 26.1       | 23.0        | 115       | 102        | 55-165       | 12  | 30      |            |
| HFPO-DA      | ug/kg | 24          | 22.4       | 22.1        | 93        | 92         | 60-145       | 1   | 30      |            |
| NEtFOSAA     | ug/kg | 6           | 5.8        | 6.0         | 97        | 100        | 60-145       | 3   | 30      |            |
| NFDHA        | ug/kg | 12          | 11.8       | 11.7        | 98        | 97         | 60-180       | 1   | 30      |            |
| NMeFOSAA     | ug/kg | 6           | 5.8        | 5.4         | 97        | 91         | 60-145       | 7   | 30      |            |
| PFBA         | ug/kg | 24          | 24.1       | 23.7        | 100       | 99         | 60-140       | 1   | 30      |            |
| PFBS         | ug/kg | 5.3         | 5.4        | 5.1         | 101       | 97         | 60-150       | 5   | 30      |            |
| PFDA         | ug/kg | 6           | 6.4        | 6.1         | 106       | 102        | 60-150       | 3   | 30      |            |
| PFDoA        | ug/kg | 6           | 6.3        | 6.0         | 105       | 101        | 60-140       | 4   | 30      |            |
| PFDS         | ug/kg | 5.8         | 5.5        | 4.9         | 95        | 85         | 50-140       | 11  | 30      |            |
| PFEESA       | ug/kg | 10.7        | 12.5       | 10.6        | 117       | 99         | 50-150       | 17  | 30      |            |
| PFHpA        | ug/kg | 6           | 6.1        | 6.3         | 102       | 105        | 60-145       | 3   | 30      |            |
| PFHpS        | ug/kg | 5.7         | 5.8        | 5.3         | 102       | 93         | 60-140       | 9   | 30      |            |
| PFHxA        | ug/kg | 6           | 6.1        | 6.0         | 101       | 100        | 60-160       | 2   | 30      |            |

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## QUALITY CONTROL DATA

Project: Sunfish Lake PFAS 2024

Pace Project No.: 10705584

LABORATORY CONTROL SAMPLE &amp; LCSD: 5074711

|                 |       | 5074712     |            |             |           |            |              |     |         |            |
|-----------------|-------|-------------|------------|-------------|-----------|------------|--------------|-----|---------|------------|
| Parameter       | Units | Spike Conc. | LCS Result | LCSD Result | LCS % Rec | LCSD % Rec | % Rec Limits | RPD | Max RPD | Qualifiers |
| PFHxS           | ug/kg | 5.5         | 5.4        | 5.4         | 99        | 98         | 60-155       | 1   | 30      |            |
| PFMBA           | ug/kg | 12          | 13.6       | 11.7        | 113       | 97         | 60-150       | 15  | 30      |            |
| PFMPA           | ug/kg | 12          | 5.8        | 10.1        | 49        | 84         | 25-145       | 53  | 30      | R1         |
| PFNA            | ug/kg | 6           | 6.1        | 6.0         | 101       | 99         | 60-145       | 2   | 30      |            |
| PFNS            | ug/kg | 5.8         | 5.7        | 5.6         | 100       | 98         | 45-140       | 2   | 30      |            |
| PFOA            | ug/kg | 6           | 6.1        | 5.8         | 102       | 97         | 60-150       | 4   | 30      |            |
| PFOS            | ug/kg | 5.6         | 5.5        | 5.5         | 99        | 98         | 60-160       | 1   | 30      |            |
| PFOSA           | ug/kg | 6           | 6.2        | 6.2         | 103       | 103        | 60-150       | 0   | 30      |            |
| PFPeA           | ug/kg | 12          | 12.2       | 11.6        | 102       | 97         | 60-145       | 5   | 30      |            |
| PFPeS           | ug/kg | 5.6         | 5.5        | 5.4         | 98        | 95         | 60-145       | 3   | 30      |            |
| PFTeDA          | ug/kg | 6           | 6.4        | 6.1         | 107       | 102        | 60-140       | 4   | 30      |            |
| PFTrDA          | ug/kg | 6           | 4.0        | 4.5         | 66        | 75         | 60-150       | 12  | 30      |            |
| PFUnA           | ug/kg | 6           | 6.2        | 6.0         | 104       | 99         | 60-155       | 4   | 30      |            |
| 13C2-PFDoA (S)  | %     |             |            |             | 89        | 86         | 35-180       |     |         |            |
| 13C2-PFTA (S)   | %     |             |            |             | 25        | 32         | 20-160       |     |         |            |
| 13C24:2FTS (S)  | %     |             |            |             | 61        | 133        | 30-300       |     |         |            |
| 13C26:2FTS (S)  | %     |             |            |             | 115       | 162        | 35-300       |     |         |            |
| 13C28:2FTS (S)  | %     |             |            |             | 126       | 177        | 40-365       |     |         |            |
| 13C3-PFBS (S)   | %     |             |            |             | 78        | 94         | 25-190       |     |         |            |
| 13C3-PFHxS (S)  | %     |             |            |             | 93        | 97         | 35-175       |     |         |            |
| 13C3HFPO-DA (S) | %     |             |            |             | 74        | 92         | 20-185       |     |         |            |
| 13C4-PFBA (S)   | %     |             |            |             | 13        | 66         | 5-130        |     |         |            |
| 13C4-PFHpA (S)  | %     |             |            |             | 82        | 93         | 25-150       |     |         |            |
| 13C5-PFHxA (S)  | %     |             |            |             | 70        | 95         | 25-170       |     |         |            |
| 13C5-PFPeA (S)  | %     |             |            |             | 48        | 93         | 10-185       |     |         |            |
| 13C6-PFDA (S)   | %     |             |            |             | 90        | 90         | 30-150       |     |         |            |
| 13C7-PFUDa (S)  | %     |             |            |             | 92        | 94         | 30-180       |     |         |            |
| 13C8-PFOA (S)   | %     |             |            |             | 84        | 90         | 25-150       |     |         |            |
| 13C8-PFOS (S)   | %     |             |            |             | 93        | 95         | 40-160       |     |         |            |
| 13C8-PFOSA (S)  | %     |             |            |             | 118       | 92         | 25-180       |     |         |            |
| 13C9-PFNA (S)   | %     |             |            |             | 94        | 95         | 35-185       |     |         |            |
| d3-MeFOSAA (S)  | %     |             |            |             | 87        | 98         | 30-250       |     |         |            |
| d5-EtFOSAA (S)  | %     |             |            |             | 98        | 113        | 30-235       |     |         |            |
| d7-NMeFOSE (S)  | %     |             |            |             | 5         | 40         | 5-160        |     |         |            |

LABORATORY CONTROL SAMPLE: 5074713

| Parameter    | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|--------------|-------|-------------|------------|-----------|--------------|------------|
| 11Cl-PF3OUdS | ug/kg | 3.8         | 4.1        | 107       | 50-170       |            |
| 3:3 FTCA     | ug/kg | 5           | 5.0        | 99        | 30-140       |            |
| 4:2 FTS      | ug/kg | 3.8         | 3.4        | 90        | 55-150       |            |
| 5:3 FTCA     | ug/kg | 25          | 23.5       | 94        | 60-160       |            |
| 6:2 FTS      | ug/kg | 3.8         | 3.5        | 93        | 60-150       |            |
| 7:3 FTCA     | ug/kg | 25          | 25.9       | 103       | 60-200       |            |
| 8:2 FTS      | ug/kg | 3.8         | 3.5        | 91        | 60-170       |            |

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## QUALITY CONTROL DATA

Project: Sunfish Lake PFAS 2024

Pace Project No.: 10705584

LABORATORY CONTROL SAMPLE: 5074713

| Parameter       | Units | Spike<br>Conc. | LCS<br>Result | LCS<br>% Rec | % Rec<br>Limits | Qualifiers |
|-----------------|-------|----------------|---------------|--------------|-----------------|------------|
| 9CI-PF3ONS      | ug/kg | 3.8            | 4.1           | 110          | 60-170          |            |
| ADONA           | ug/kg | 3.8            | 3.8           | 101          | 55-165          |            |
| HFPO-DA         | ug/kg | 4              | 3.7           | 92           | 60-145          |            |
| NEtFOSAA        | ug/kg | 1              | 0.87          | 87           | 60-145          |            |
| NFDHA           | ug/kg | 2              | 1.7           | 87           | 60-180          |            |
| NMeFOSAA        | ug/kg | 1              | 0.95          | 95           | 60-145          |            |
| PFBA            | ug/kg | 4              | 3.8           | 94           | 60-140          |            |
| PFBS            | ug/kg | 0.89           | 0.76          | 86           | 60-150          |            |
| PFDA            | ug/kg | 1              | 0.99          | 99           | 60-150          |            |
| PFDoA           | ug/kg | 1              | 0.94          | 94           | 60-140          |            |
| PFDS            | ug/kg | 0.96           | 0.73          | 76           | 50-140          |            |
| PFEESA          | ug/kg | 1.8            | 1.6           | 88           | 50-150          |            |
| PFHpA           | ug/kg | 1              | 0.92          | 92           | 60-145          |            |
| PFHpS           | ug/kg | 0.95           | 0.77          | 80           | 60-140          |            |
| PFHxA           | ug/kg | 1              | 0.93          | 93           | 60-160          |            |
| PFHxS           | ug/kg | 0.92           | 0.85          | 93           | 60-155          |            |
| PFMBA           | ug/kg | 2              | 1.8           | 88           | 60-150          |            |
| PFMPA           | ug/kg | 2              | 1.8           | 91           | 25-145          |            |
| PFNA            | ug/kg | 1              | 0.98          | 98           | 60-145          |            |
| PFNS            | ug/kg | 0.96           | 0.88          | 91           | 45-140          |            |
| PFOA            | ug/kg | 1              | 0.87          | 87           | 60-150          |            |
| PFOS            | ug/kg | 0.93           | 0.86          | 93           | 60-160          |            |
| PFOSA           | ug/kg | 1              | 0.94          | 94           | 60-150          |            |
| PFPeA           | ug/kg | 2              | 1.8           | 89           | 60-145          |            |
| PFPeS           | ug/kg | 0.94           | 0.84          | 89           | 60-145          |            |
| PFTeDA          | ug/kg | 1              | 0.93          | 93           | 60-140          |            |
| PFTTrDA         | ug/kg | 1              | 0.64          | 64           | 60-150          |            |
| PFUnA           | ug/kg | 1              | 0.92          | 92           | 60-155          |            |
| 13C2-PFDoA (S)  | %     |                |               | 85           | 35-180          |            |
| 13C2-PFTA (S)   | %     |                |               | 34           | 20-160          |            |
| 13C24:2FTS (S)  | %     |                |               | 134          | 30-300          |            |
| 13C26:2FTS (S)  | %     |                |               | 164          | 35-300          |            |
| 13C28:2FTS (S)  | %     |                |               | 178          | 40-365          |            |
| 13C3-PFBS (S)   | %     |                |               | 95           | 25-190          |            |
| 13C3-PFHxS (S)  | %     |                |               | 100          | 35-175          |            |
| 13C3HFPO-DA (S) | %     |                |               | 88           | 20-185          |            |
| 13C4-PFBA (S)   | %     |                |               | 91           | 5-130           |            |
| 13C4-PFHpA (S)  | %     |                |               | 93           | 25-150          |            |
| 13C5-PFHxA (S)  | %     |                |               | 94           | 25-170          |            |
| 13C5-PFPeA (S)  | %     |                |               | 96           | 10-185          |            |
| 13C6-PFDA (S)   | %     |                |               | 93           | 30-150          |            |
| 13C7-PFUdA (S)  | %     |                |               | 93           | 30-180          |            |
| 13C8-PFOA (S)   | %     |                |               | 90           | 25-150          |            |
| 13C8-PFOS (S)   | %     |                |               | 98           | 40-160          |            |
| 13C8-PFOSA (S)  | %     |                |               | 89           | 25-180          |            |
| 13C9-PFNA (S)   | %     |                |               | 91           | 35-185          |            |
| d3-MeFOSAA (S)  | %     |                |               | 98           | 30-250          |            |

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

## REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Sunfish Lake PFAS 2024  
Pace Project No.: 10705584

LABORATORY CONTROL SAMPLE: 5074713

| Parameter      | Units | Spike<br>Conc. | LCS<br>Result | LCS<br>% Rec | % Rec<br>Limits | Qualifiers |
|----------------|-------|----------------|---------------|--------------|-----------------|------------|
| d5-EtFOSAA (S) | %.    |                |               | 112          | 30-235          |            |
| d7-NMeFOSE (S) | %.    |                |               | 33           | 5-160           |            |

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS



## QUALIFIERS

Project: Sunfish Lake PFAS 2024  
Pace Project No.: 10705584

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### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.  
ND - Not Detected at or above adjusted reporting limit.  
TNTC - Too Numerous To Count  
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.  
MDL - Adjusted Method Detection Limit.  
PQL - Practical Quantitation Limit.  
RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.  
S - Surrogate  
1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.  
Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.  
LCS(D) - Laboratory Control Sample (Duplicate)  
MS(D) - Matrix Spike (Duplicate)  
DUP - Sample Duplicate  
RPD - Relative Percent Difference  
NC - Not Calculable.  
SG - Silica Gel - Clean-Up  
U - Indicates the compound was analyzed for, but not detected.  
N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.  
Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.  
Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.  
TNI - The NELAC Institute.

### ANALYTE QUALIFIERS

|    |                                                                                                                                                                                                 |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B  | Analyte was detected in the associated method blank.                                                                                                                                            |
| N2 | The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request. |
| R1 | RPD value was outside control limits.                                                                                                                                                           |
| S0 | Surrogate recovery outside laboratory control limits.                                                                                                                                           |

## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Sunfish Lake PFAS 2024

Pace Project No.: 10705584

| Lab ID      | Sample ID | QC Batch Method | QC Batch | Analytical Method | Analytical Batch |
|-------------|-----------|-----------------|----------|-------------------|------------------|
| 10705584001 | SF-LMB    | ASTM D2974      | 970123   |                   |                  |
| 10705584002 | SF-SF-2   | ASTM D2974      | 970123   |                   |                  |
| 10705584003 | HB-YP     | ASTM D2974      | 970123   |                   |                  |
| 10705584004 | HB-SF-2   | ASTM D2974      | 970123   |                   |                  |
| 10705584005 | HB-SF-1   | ASTM D2974      | 970123   |                   |                  |
| 10705584006 | HS-BB-1   | ASTM D2974      | 970123   |                   |                  |
| 10705584007 | HS-BB-2   | ASTM D2974      | 970123   |                   |                  |
| 10705584008 | HS-LMB    | ASTM D2974      | 970123   |                   |                  |
| 10705584009 | SF-SF-1   | ASTM D2974      | 970123   |                   |                  |
| 10705584001 | SF-LMB    | Pace SOP        | 483080   |                   |                  |
| 10705584002 | SF-SF-2   | Pace SOP        | 483080   |                   |                  |
| 10705584003 | HB-YP     | Pace SOP        | 483080   |                   |                  |
| 10705584004 | HB-SF-2   | Pace SOP        | 483080   |                   |                  |
| 10705584005 | HB-SF-1   | Pace SOP        | 483080   |                   |                  |
| 10705584006 | HS-BB-1   | Pace SOP        | 483080   |                   |                  |
| 10705584007 | HS-BB-2   | Pace SOP        | 483080   |                   |                  |
| 10705584008 | HS-LMB    | Pace SOP        | 483080   |                   |                  |
| 10705584009 | SF-SF-1   | Pace SOP        | 483080   |                   |                  |
| 10705584001 | SF-LMB    | EPA 1633 DRAFT  | 971075   | EPA 1633 DRAFT    | 971568           |
| 10705584002 | SF-SF-2   | EPA 1633 DRAFT  | 971075   | EPA 1633 DRAFT    | 971568           |
| 10705584003 | HB-YP     | EPA 1633 DRAFT  | 971075   | EPA 1633 DRAFT    | 971568           |
| 10705584004 | HB-SF-2   | EPA 1633 DRAFT  | 971075   | EPA 1633 DRAFT    | 971568           |
| 10705584005 | HB-SF-1   | EPA 1633 DRAFT  | 971075   | EPA 1633 DRAFT    | 971568           |
| 10705584006 | HS-BB-1   | EPA 1633 DRAFT  | 971075   | EPA 1633 DRAFT    | 971568           |
| 10705584007 | HS-BB-2   | EPA 1633 DRAFT  | 971075   | EPA 1633 DRAFT    | 971568           |
| 10705584008 | HS-LMB    | EPA 1633 DRAFT  | 971075   | EPA 1633 DRAFT    | 971568           |
| 10705584009 | SF-SF-1   | EPA 1633 DRAFT  | 971075   | EPA 1633 DRAFT    | 971568           |

## REPORT OF LABORATORY ANALYSIS

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Effective Date: 8/16/2022

Client Name: WSN

All containers needing preservation have been checked and noted below.

Lab Lot# of pH paper:

## Sample Preservation Receipt Form

Project #

☐ Yes☐ No☒ N/A

Lab Std #/ID of preservation (if pH adjusted).

Initial when completed: MR Date/Time:

| Page<br>Lab # | Glass |      |      |      |      |      | Plastic |      |      |      |      |      | Vials |      |      |      |      | Jars |      |      |      | General |      |      |      | VOA Vials (>6mm) * | H2SO4 pH ≤2 | NaOH+Zn Act pH ≥9 | NaOH pH ≥12 | HNO3 pH ≤2 | pH after adjusted | Volume<br>(mL) |         |
|---------------|-------|------|------|------|------|------|---------|------|------|------|------|------|-------|------|------|------|------|------|------|------|------|---------|------|------|------|--------------------|-------------|-------------------|-------------|------------|-------------------|----------------|---------|
|               | AG1U  | BG1U | AG1H | AG4S | AG5U | AG2S | BG3U    | BP1U | BP3U | BP3B | BP3N | BP3S | BP2Z  | VG9C | DG9T | VG9U | VG9H | VG9M | VG9D | JGFU | JG9U | WGFU    | WPFU | SP5T | ZPLC | GN 1               | GN 2        |                   |             |            |                   |                |         |
| 001           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   |                | 2.5 / 5 |
| 002           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   |                | 2.5 / 5 |
| 003           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   |                | 2.5 / 5 |
| 004           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   |                | 2.5 / 5 |
| 005           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   |                | 2.5 / 5 |
| 006           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   |                | 2.5 / 5 |
| 007           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   |                | 2.5 / 5 |
| 008           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   |                | 2.5 / 5 |
| 009           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   |                | 2.5 / 5 |
| 010           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   |                | 2.5 / 5 |
| 011           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   |                | 2.5 / 5 |
| 012           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   |                | 2.5 / 5 |
| 013           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   |                | 2.5 / 5 |
| 014           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   |                | 2.5 / 5 |
| 015           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   |                | 2.5 / 5 |
| 016           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   |                | 2.5 / 5 |
| 017           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   |                | 2.5 / 5 |
| 018           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   |                | 2.5 / 5 |
| 019           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   |                | 2.5 / 5 |
| 020           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   |                | 2.5 / 5 |

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&amp;G, WI DRO, Phenolics, Other:

Headspace in VOA Vials (>6mm): ☐ Yes ☐ No ☐ N/A \*If yes look in headspace column

|      |                           |      |                          |      |                             |      |                               |
|------|---------------------------|------|--------------------------|------|-----------------------------|------|-------------------------------|
| AG1U | 1 liter amber glass       | BP1U | 1 liter plastic unpres   | VG9C | 40 mL clear ascorbic w/ HCl | JGFU | 4 oz amber jar unpres         |
| BG1U | 1 liter clear glass       | BP3U | 250 mL plastic unpres    | DG9T | 40 mL amber Na Thio         | JG9U | 9 oz amber jar unpres         |
| AG1H | 1 liter amber glass HCL   | BP3B | 250 mL plastic NaOH      | VG9U | 40 mL clear vial unpres     | WGFU | 4 oz clear jar unpres         |
| AG4S | 125 mL amber glass H2SO4  | BP3N | 250 mL plastic HNO3      | VG9H | 40 mL clear vial HCL        | WPFU | 4 oz plastic jar unpres       |
| AG5U | 100 mL amber glass unpres | BP3S | 250 mL plastic H2SO4     | VG9M | 40 mL clear vial MeOH       | SP5T | 120 mL plastic Na Thiosulfate |
| AG2S | 500 mL amber glass H2SO4  | BP2Z | 500 mL plastic NaOH + Zn | VG9D | 40 mL clear vial DI         | ZPLC | ziploc bag                    |
| BG3U | 250 mL clear glass unpres |      |                          |      |                             | GN 1 |                               |
|      |                           |      |                          |      |                             | GN 2 |                               |

Page 1 of 2

### Sample Condition Upon Receipt Form (SCUR)

Project #:

Client Name:

WSN

Courier: ☐ CS Logistics ☐ Fed Ex ☐ Speedee ☐ UPS ☒ Walco

☐ Client ☐ Pace Other: \_\_\_\_\_

Tracking #:

3980363-1

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☒ no

Custody Seal on Samples Present: ☐ yes ☒ no Seals intact: ☐ yes ☒ no

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☒ None ☐ Other

Thermometer Used SR - 140 Type of Ice: ☒ Wet ☐ Blue ☐ Dry ☐ None ☐ Meltwater Only

Cooler Temperature Uncorr: 0.0 ICorr: 0.0

Temp Blank Present: ☒ yes ☐ no

Biological Tissue is Frozen: ☐ yes ☒ no

Temp should be above freezing to 6°C.

Biota Samples may be received at ≤ 0°C if shipped on Dry Ice

Person examining contents:

Date: 08/27/2024 Initials: MJS

Labeled By Initials:

Chain of Custody Present: ☒ Yes ☐ No ☐ N/A

1.

Chain of Custody Filled Out: ☒ Yes ☐ No ☐ N/A

2.

Chain of Custody Relinquished: ☒ Yes ☐ No ☐ N/A

3.

Sampler Name & Signature on COC: ☐ Yes ☐ No ☒ N/A

4.

Samples Arrived within Hold Time: ☒ Yes ☐ No

5.

- DI VOA Samples frozen upon receipt ☐ Yes ☐ No

Date/Time:

Short Hold Time Analysis (<72hr): ☐ Yes ☒ No

6.

Rush Turn Around Time Requested: ☐ Yes ☒ No

7.

Sufficient Volume: ☒ Yes ☐ No

8.

For Analysis: ☒ Yes ☐ No MS/MSD: ☐ Yes ☒ No ☐ N/A

Correct Containers Used: ☒ Yes ☐ No

9.

Correct Type: Pace Green Bay, Pace IR, Non-Pace

Containers Intact: ☒ Yes ☐ No

10.

Filtered volume received for Dissolved tests ☐ Yes ☐ No ☒ N/A

11.

Sample Labels match COC: ☒ Yes ☐ No ☐ N/A

12.

-Includes date/time/ID/Analysis Matrix: Biota

Trip Blank Present: ☐ Yes ☐ No ☒ N/A

13.

Trip Blank Custody Seals Present ☐ Yes ☐ No ☒ N/A

Pace Trip Blank Lot # (if purchased):

Client Notification/ Resolution:

If checked, see attached form for additional comments ☐

Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments/ Resolution: \_\_\_\_\_

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample log in

Page 2 of 2

4028321



State Of Origin: MN  
 Cert. Needed: ☒ Yes ☐ No

Owner Received Date: 8/27/2024 Results Requested By: 9/11/2024

[illegible]

Tuesday, August 27, 2024 11:05:20 AM

Effective Date: 8/16/2022

Client Name: WSN

## Sample Preservation Receipt Form

Project #

40283211

All containers needing preservation have been checked and noted below:

☐ Yes☐ No☒ N/A

Lab Lot# of pH paper:

Lab Std #ID of preservation (if pH adjusted):

Initial when completed: MPJ Date/Time:

| Pace<br>Lab # | Glass |      |      |      |      |      | Plastic |      |      |      |      |      | Vials |      |      |      |      | Jars |      |      |      | General |      |      |      | VOA Vials (>6mm) * | H2SO4 pH ≤2 | NaOH+Zn Act pH ≥9 | NaOH pH ≥12 | HNO3 pH ≤2 | pH after adjusted | Volume<br>(mL) |
|---------------|-------|------|------|------|------|------|---------|------|------|------|------|------|-------|------|------|------|------|------|------|------|------|---------|------|------|------|--------------------|-------------|-------------------|-------------|------------|-------------------|----------------|
|               | AG1U  | BG1U | AG1H | AG4S | AG5U | AG2S | BG3U    | BP1U | BP3U | BP3B | BP3N | BP3S | BP2Z  | VG9C | DG9T | VG9U | VG9H | VG9M | VG9D | JG9U | JG9U | WG9U    | WPFU | SP5T | ZPLC |                    |             |                   |             |            |                   |                |
| 001           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   | 2.5 / 5        |
| 002           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   | 2.5 / 5        |
| 003           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   | 2.5 / 5        |
| 004           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   | 2.5 / 5        |
| 005           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   | 2.5 / 5        |
| 006           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   | 2.5 / 5        |
| 007           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   | 2.5 / 5        |
| 008           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   | 2.5 / 5        |
| 009           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   | 2.5 / 5        |
| 010           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   | 2.5 / 5        |
| 011           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   | 2.5 / 5        |
| 012           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   | 2.5 / 5        |
| 013           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   | 2.5 / 5        |
| 014           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   | 2.5 / 5        |
| 015           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   | 2.5 / 5        |
| 016           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   | 2.5 / 5        |
| 017           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   | 2.5 / 5        |
| 018           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   | 2.5 / 5        |
| 019           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   | 2.5 / 5        |
| 020           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   | 2.5 / 5        |

Exceptions to preservation check VOA, Coliform, TOC, TOX, TOH, O&amp;G, WI DRO, Phenolics, Other: \_\_\_\_\_

Headspace in VOA Vials (>6mm) . ☐ Yes ☐ No ☐ N/A \*If yes look in headspace column

|      |                           |      |                          |      |                             |      |                               |
|------|---------------------------|------|--------------------------|------|-----------------------------|------|-------------------------------|
| AG1U | 1 liter amber glass       | BP1U | 1 liter plastic unpres   | VG9C | 40 mL clear ascorbic w/ HCl | JG9U | 4 oz amber jar unpres         |
| BG1U | 1 liter clear glass       | BP3U | 250 mL plastic unpres    | DG9T | 40 mL amber Na Thio         | JG9U | 9 oz amber jar unpres         |
| AG1H | 1 liter amber glass HCL   | BP3B | 250 mL plastic NaOH      | VG9U | 40 mL clear vial unpres     | WG9U | 4 oz clear jar unpres         |
| AG4S | 125 mL amber glass H2SO4  | BP3N | 250 mL plastic HNO3      | VG9H | 40 mL clear vial HCL        | WPFU | 4 oz plastic jar unpres       |
| AG5U | 100 mL amber glass unpres | BP3S | 250 mL plastic H2SO4     | VG9M | 40 mL clear vial MeOH       | SP5T | 120 mL plastic Na Thiosulfate |
| AG2S | 500 mL amber glass H2SO4  | BP2Z | 500 mL plastic NaOH + Zn | VG9D | 40 mL clear vial DI         | ZPLC | ziploc bag                    |
| BG3U | 250 mL clear glass unpres |      |                          |      |                             | GN 1 |                               |
|      |                           |      |                          |      |                             | GN 2 |                               |

Page 1 of 2

Sample Condition Upon Receipt Form (SCUR)

Client Name: WSN Project #: WO# : 40283211

Courier: ☐ CS Logistics ☐ Fed Ex ☐ Speedee ☐ UPS ☒ Walco

☐ Client ☐ Pace Other: \_\_\_\_\_

Tracking #: 3980363-1

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☒ no

Custody Seal on Samples Present: ☐ yes ☒ no Seals intact: ☐ yes ☒ no

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☒ None ☐ Other \_\_\_\_\_

Thermometer Used SR - 140 Type of Ice: Wet ☐ Blue ☐ Dry ☐ None ☐ Meltwater Only

Cooler Temperature Uncorr: 0.0 ICorr: 0.0

Temp Blank Present: ☒ yes ☐ no Biological Tissue is Frozen: ☐ yes ☒ no

Temp should be above freezing to 6°C.  
Biota Samples may be received at ≤ 0°C if shipped on Dry Ice

|                                |                      |
|--------------------------------|----------------------|
| Person examining contents:     |                      |
| Date: <u>08/27/2024</u>        | Initials: <u>MJS</u> |
| Labeled By Initials: <u>GW</u> |                      |

|                                                                                                                                                                                                 |                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| Chain of Custody Present: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A                                                                      | 1.                                  |
| Chain of Custody Filled Out: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A                                                                   | 2.                                  |
| Chain of Custody Relinquished: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A                                                                 | 3.                                  |
| Sampler Name & Signature on COC: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A                                                               | 4. <u>Pace IR WO MJS 08/27/2024</u> |
| Samples Arrived within Hold Time: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                                                           | 5.                                  |
| - DI VOA Samples frozen upon receipt <input type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                   | Date/Time:                          |
| Short Hold Time Analysis (<72hr): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                                                           | 6.                                  |
| Rush Turn Around Time Requested: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                                                            | 7.                                  |
| Sufficient Volume: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 8.                                  |
| Correct Containers Used: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                    | 9.                                  |
| Correct Type: Pace Green Bay, Pace IR, <u>Non-Pace</u>                                                                                                                                          |                                     |
| Containers Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                          | 10.                                 |
| Filtered volume received for Dissolved tests <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A                                                   | 11.                                 |
| Sample Labels match COC: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A                                                                       | 12.                                 |
| -Includes date/time/ID/Analysis Matrix: <u>Biota</u>                                                                                                                                            |                                     |
| Trip Blank Present: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A                                                                            | 13.                                 |
| Trip Blank Custody Seals Present <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A                                                               |                                     |
| Pace Trip Blank Lot # (if purchased): _____                                                                                                                                                     |                                     |

Client Notification/ Resolution: \_\_\_\_\_ If checked, see attached form for additional comments ☐

Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments/ Resolution: \_\_\_\_\_

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample logir

4028321



**State Of Origin: MN**

**Cert. Needed:** ☒ Yes ☐ No

**Workorder Name:** Sunfish Lake PFAS 2024

**Owner Received Date:** 8/27/2024 **Results Requested By:** 9/11/2024

|                                                                                                            |           |                |                   |                                                                                                            |        |                                      |  |                                                                                                                                                                                                                                                          |  |                                                          |  |                                                         |  |  |  |
|------------------------------------------------------------------------------------------------------------|-----------|----------------|-------------------|------------------------------------------------------------------------------------------------------------|--------|--------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------|--|---------------------------------------------------------|--|--|--|
| Report To                                                                                                  |           | Subcontract To |                   | Control Received Date                                                                                      |        | Results Requested By                 |  | 8/21/2024                                                                                                                                                                                                                                                |  | 8/21/2024                                                |  |                                                         |  |  |  |
| Annika Asp<br>Pace Analytical Minnesota<br>1700 Elm Street<br>Minneapolis, MN 55414<br>Phone (612)607-1700 |           |                |                   | Pace Analytical Green Bay<br>1241 Bellevue Street<br>Suite 9<br>Green Bay, WI 54302<br>Phone (920)469-2436 |        |                                      |  | Requested Analysis<br><br><div style="border: 1px solid black; padding: 5px; text-align: center;"> <b>WO# : 10705584</b><br/> <br/>           10705584         </div> |  |                                                          |  |                                                         |  |  |  |
|                                                                                                            |           |                |                   |                                                                                                            |        | Fish Tissue Homogenization (Pace GB) |  |                                                                                                                                                                                                                                                          |  |                                                          |  |                                                         |  |  |  |
|                                                                                                            |           |                |                   |                                                                                                            |        | Preserved Containers                 |  |                                                                                                                                                                                                                                                          |  |                                                          |  |                                                         |  |  |  |
| Item                                                                                                       | Sample ID | Sample Type    | Collect Date/Time | Lab ID                                                                                                     | Matrix | Unpreserved                          |  |                                                                                                                                                                                                                                                          |  |                                                          |  |                                                         |  |  |  |
| 1                                                                                                          | SF-LMB    | PS             | 8/21/2024 13:35   | 10705584001                                                                                                | Solid  | 1                                    |  |                                                                                                                                                                                                                                                          |  |                                                          |  |                                                         |  |  |  |
| 2                                                                                                          | SF-SF-2   | PS             | 8/21/2024 14:02   | 10705584002                                                                                                | Solid  | 1                                    |  |                                                                                                                                                                                                                                                          |  |                                                          |  |                                                         |  |  |  |
| 3                                                                                                          | HB-YP     | PS             | 8/21/2024 11:07   | 10705584003                                                                                                | Solid  | 1                                    |  |                                                                                                                                                                                                                                                          |  |                                                          |  |                                                         |  |  |  |
| 4                                                                                                          | HB-SF-2   | PS             | 8/21/2024 11:31   | 10705584004                                                                                                | Solid  | 1                                    |  |                                                                                                                                                                                                                                                          |  |                                                          |  |                                                         |  |  |  |
| 5                                                                                                          | HB-SF-1   | PS             | 8/21/2024 11:24   | 10705584005                                                                                                | Solid  | 1                                    |  |                                                                                                                                                                                                                                                          |  |                                                          |  |                                                         |  |  |  |
| 6                                                                                                          | HS-BB-1   | PS             | 8/21/2024 08:49   | 10705584006                                                                                                | Solid  | 1                                    |  |                                                                                                                                                                                                                                                          |  |                                                          |  |                                                         |  |  |  |
| 7                                                                                                          | HS-BB-2   | PS             | 8/21/2024 09:31   | 10705584007                                                                                                | Solid  | 1                                    |  |                                                                                                                                                                                                                                                          |  |                                                          |  |                                                         |  |  |  |
| 8                                                                                                          | HS-LMB    | PS             | 8/21/2024 09:01   | 10705584008                                                                                                | Solid  | 1                                    |  |                                                                                                                                                                                                                                                          |  |                                                          |  |                                                         |  |  |  |
| 9                                                                                                          | SF-SF-1   | PS             | 8/21/2024 13:21   | 10705584009                                                                                                | Solid  | 1                                    |  |                                                                                                                                                                                                                                                          |  |                                                          |  |                                                         |  |  |  |
|                                                                                                            |           |                |                   |                                                                                                            |        |                                      |  |                                                                                                                                                                                                                                                          |  | LAB USE ONLY                                             |  |                                                         |  |  |  |
|                                                                                                            |           |                |                   |                                                                                                            |        |                                      |  |                                                                                                                                                                                                                                                          |  | 001                                                      |  |                                                         |  |  |  |
|                                                                                                            |           |                |                   |                                                                                                            |        |                                      |  |                                                                                                                                                                                                                                                          |  | 002                                                      |  |                                                         |  |  |  |
|                                                                                                            |           |                |                   |                                                                                                            |        |                                      |  |                                                                                                                                                                                                                                                          |  | 003                                                      |  |                                                         |  |  |  |
|                                                                                                            |           |                |                   |                                                                                                            |        |                                      |  |                                                                                                                                                                                                                                                          |  | 004                                                      |  |                                                         |  |  |  |
|                                                                                                            |           |                |                   |                                                                                                            |        |                                      |  |                                                                                                                                                                                                                                                          |  | 005                                                      |  |                                                         |  |  |  |
|                                                                                                            |           |                |                   |                                                                                                            |        |                                      |  |                                                                                                                                                                                                                                                          |  | 006                                                      |  |                                                         |  |  |  |
|                                                                                                            |           |                |                   |                                                                                                            |        |                                      |  |                                                                                                                                                                                                                                                          |  | 007                                                      |  |                                                         |  |  |  |
|                                                                                                            |           |                |                   |                                                                                                            |        |                                      |  |                                                                                                                                                                                                                                                          |  | 008                                                      |  |                                                         |  |  |  |
|                                                                                                            |           |                |                   |                                                                                                            |        |                                      |  |                                                                                                                                                                                                                                                          |  | 009                                                      |  |                                                         |  |  |  |
|                                                                                                            |           |                |                   |                                                                                                            |        |                                      |  |                                                                                                                                                                                                                                                          |  |                                                          |  |                                                         |  |  |  |
| Transfers                                                                                                  |           | Released By    |                   | Date/Time                                                                                                  |        | Received By                          |  | Date/Time                                                                                                                                                                                                                                                |  | Comments                                                 |  |                                                         |  |  |  |
| 1                                                                                                          |           | Waltco         |                   | 8/21/2024 08:05                                                                                            |        | Matt Vansant                         |  | 8/21/2024 08:15                                                                                                                                                                                                                                          |  | Please send samples to Pace Minneapolis once homogenized |  |                                                         |  |  |  |
| 2                                                                                                          |           | Lupis          |                   | 8/21/2024 09:15                                                                                            |        | Patrick Poir                         |  | 8/21/2024 09:16                                                                                                                                                                                                                                          |  |                                                          |  |                                                         |  |  |  |
| 3                                                                                                          |           |                |                   |                                                                                                            |        |                                      |  |                                                                                                                                                                                                                                                          |  |                                                          |  |                                                         |  |  |  |
| Cooler Temperature on Receipt -24.5 °C                                                                     |           |                |                   | Custody Seal <input checked="" type="checkbox"/> or N                                                      |        |                                      |  | Received on Ice <input checked="" type="checkbox"/> or N                                                                                                                                                                                                 |  |                                                          |  | Samples Intact <input checked="" type="checkbox"/> or N |  |  |  |

\*\*\*In order to maintain client confidentiality, location/name of the sampling site, sampler's name and signature may not be provided on this COC document.

*This chain of custody is considered complete as is since this information is available in the owner laboratory.*

**CLIENT NAME:** See below

**PROJECT #:** 3985913-1

**TRACKING NUMBER:** 3985913-1

**COURIER:** ☐ Client ☐ Commercial ☐ FedEx ☐ UPS ☐ Speedee

**Did Samples Originate in West Virginia:** ☒ YES ☐ NO

**Seals Intact:** ☒ YES ☐ NO

**Biological Tissue Frozen:** ☒ YES ☐ NO

**Custody Seal on Cooler/Box Present:** ☒ YES ☐ NO

**Packing Material:** ☐ Bubble Bags ☐ Bubble Wrap ☐ None ☐ Other

**Temp Blank:** ☐ YES ☒ NO

**Type of Ice:** ☐ Blue ☒ Dry ☐ Wet

**Thermometer:** ☒ T1 (0461) ☐ T2 (0436) ☐ T3 (0459) ☐ T4 (0402) ☐ T5 (0178) ☐ T6 (0235) ☐ T7 (0042) ☐ T8 (0775) ☐ T9 (0727) ☐ T10 (01339252 (1710))

**Correction Factor:** 4.12

**Cooler Temp Read w/Temp Blank:** 4.12 °C

**Cooler Temp Corrected w/Temp Blank:** 4.12 °C

**Average Corrected Temp (no Temp Blank Only):** -2.4, 5.7 °C

**Were All Container Temps taken:** ☐ YES ☐ NO ☒ N/A

**Initials & Date of Person Examining Contents:** See below

**Did Samples Originate from one of the following states (check maps) - AL, AR, AZ, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA:** ☐ YES ☐ NO

**Did samples originate from a foreign source (international, including Hawaii and Puerto Rico):** ☐ YES ☐ NO

**NOTE: If YES to either question, fill out a Regulated Soil Checklist (ENV-FRM-MIN4-0154) and include with SCUR/COC paperwork.**

**USDA Regulated Soil:** ☒ N/A - Water Sample/Other (describe): See below

**NOTE: Temp should be above freezing to 6°C.**

**CLIENT: MSB**

**PM: AKA**

**Due Date: 09/11/24**

**MO#: 10705584**

**Did Samples Originate in West Virginia:** ☒ YES ☐ NO

**Seals Intact:** ☒ YES ☐ NO

**Biological Tissue Frozen:** ☒ YES ☐ NO

**Custody Seal on Cooler/Box Present:** ☒ YES ☐ NO

**Packing Material:** ☐ Bubble Bags ☐ Bubble Wrap ☐ None ☐ Other

**Temp Blank:** ☐ YES ☒ NO

**Type of Ice:** ☐ Blue ☒ Dry ☐ Wet

**Thermometer:** ☒ T1 (0461) ☐ T2 (0436) ☐ T3 (0459) ☐ T4 (0402) ☐ T5 (0178) ☐ T6 (0235) ☐ T7 (0042) ☐ T8 (0775) ☐ T9 (0727) ☐ T10 (01339252 (1710))

**Correction Factor:** 4.12

**Cooler Temp Read w/Temp Blank:** 4.12 °C

**Cooler Temp Corrected w/Temp Blank:** 4.12 °C

**Average Corrected Temp (no Temp Blank Only):** -2.4, 5.7 °C

**Were All Container Temps taken:** ☐ YES ☐ NO ☒ N/A

**Initials & Date of Person Examining Contents:** See below

**Did Samples Originate from one of the following states (check maps) - AL, AR, AZ, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA:** ☐ YES ☐ NO

**Did samples originate from a foreign source (international, including Hawaii and Puerto Rico):** ☐ YES ☐ NO

**NOTE: If YES to either question, fill out a Regulated Soil Checklist (ENV-FRM-MIN4-0154) and include with SCUR/COC paperwork.**

**USDA Regulated Soil:** ☒ N/A - Water Sample/Other (describe): See below

**NOTE: Temp should be above freezing to 6°C.**

**LOCATION (check one):** ☐ DULUTH ☒ MINNEAPOLIS ☐ VIRGINIA

**Chain of Custody Present and Filled Out?** ☒ YES ☐ NO

**Chain of Custody Relinquished?** ☒ YES ☐ NO

**Sampler Name and/or Signature on COC?** ☒ YES ☐ NO

**Samples Arrived within Hold Time?** ☒ YES ☐ NO

**Short Hold Time Analysis (<72 hr)?** ☒ YES ☐ NO

**Rush Turn Around Time Requested?** ☒ YES ☐ NO

**Sufficient Sample Volume?** ☒ YES ☐ NO

**Correct Containers Used?** ☒ YES ☐ NO

**- Pace Containers Used?** ☒ YES ☐ NO

**Containers Intact?** ☒ YES ☐ NO

**Field Filtered Volume Received for Dissolved Tests?** ☒ YES ☐ NO

**Is sufficient information available to reconcile the samples to the COC?** ☒ YES ☐ NO

**NOTE: If ID/Date/Time don't match fill out section 11.**

**Matrix:** ☐ Oil ☐ Soil ☐ Water ☒ Other

**All containers needing acid/base preservation have been checked?** ☒ YES ☐ NO

**All containers needing preservation are found to be in compliance with EPA recommendation? (HNO<sub>3</sub>, H<sub>2</sub>SO<sub>4</sub>, < 2 pH, NaOH > 9 Sulfide, NaOH > 10 Cyanide)** ☒ YES ☐ NO

**Exceptions: VOA, Coliform, TOC/DOC, Oil & Grease, DRO/8015 (water) and Dioxins/PFAS**

**NOTE: If adding preservation to the container, verify with the PMI first. Clients may require adding preservative to the field and equipment blanks when this occurs.**

**Headspace in Methyl Mercury Container?** ☒ YES ☐ NO

**Extra labels present on soil VOA or WIDRO containers?** ☒ YES ☐ NO

**Headspace in VOA Vials (greater than 6mm)?** ☒ YES ☐ NO

**Trip Blanks Present?** ☒ YES ☐ NO

**Trip Blank Custody Seals Present?** ☒ YES ☐ NO

**CLIENT NOTIFICATION / RESOLUTION**

**Person Contacted:** \_\_\_\_\_

**Comments / Resolution:** \_\_\_\_\_

**Date & Time:** \_\_\_\_\_

**Project Manager Review:** Amu Corp

**Date:** 9/9/2024

**Labelled By:** See below

**Line:** 5

**NOTE: When there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEC Certification Office (i.e., out of hold, incorrect preservative, out of temp, incorrect containers).**

**FIELD DATA REQUIRED:** ☐ YES ☐ NO

**15. Pace Trip Blank Lot # (if purchased):** \_\_\_\_\_

**14. See Exceptions form ENV-FRM-MIN4-0140**

**13. See Exceptions form ENV-FRM-MIN4-0142**

**12. Sample #:** \_\_\_\_\_

**Positive for Residual Chlorine:** ☐ YES ☐ NO

**pH Paper Lot #**

**Residual Chlorine** ☐ 0-6 Roll ☐ 0-6 Strip ☐ 0-14 Strip

| No Temp Blank |                |              |
|---------------|----------------|--------------|
| Read Temp     | Corrected Temp | Average temp |
| -21.1°C       | -21.1°C        | -24.5°C      |
| -26.1°C       | -26.1°C        |              |
| -21.1°C       | -21.1°C        |              |
| -29.8°C       | -29.8°C        |              |

**If anything is OVER 6.0°C, you MUST document containers in this section HERE**

|                                                    |                                                          |
|----------------------------------------------------|----------------------------------------------------------|
| PM Notified of Out of Temp Cooler?                 | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| If yes, indicate who was contacted, date and time. |                                                          |
| If no, indicate reason why.                        |                                                          |
| _____                                              |                                                          |
| Multiple Cooler Project?                           | <input type="checkbox"/> YES <input type="checkbox"/> NO |

[illegible][illegible][illegible]

Comments:

40283211

| <b>Pace®</b> Location Requested (City/State):<br>Company Name: WSN<br>Street Address:<br>178 9th St E STE200<br>St. Paul, MN 55101<br>Customer Project #: 026096<br>Project Name:<br>Sunfish Lake PFAS 2024<br>Site Collection Info/Facility ID (as applicable):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          | <b>CHAIN-OF-CUSTODY Analytical Request Document</b><br>Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields<br>Contact/Report To: Dan O'Neill<br>Phone #: 612-400-5382<br>E-Mail: doneill@wsbeng.com<br>Cc E-Mail: thavranek@wsbeng.com<br>Invoice to: WSB<br>Invoice E-mail:<br>wsbaaccounting@wsbeng.com<br>Purchase Order # (if applicable):<br>Quote #: |          | LAB USE ONLY- Affix Workorder/Login Label Here<br><br>Scan QR Code for Instructions<br><div style="border: 1px solid black; padding: 5px; margin-top: 10px;">           Specify Container Size **<br/>           Identify Container Preservative Type ***<br/>           Analysis Requested         </div> <div style="font-size: 8px; margin-top: 5px;">           ** Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other<br/>           *** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sodium Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other         </div> |                 |                 |                            |                            |         |                   |                   |      |      |      |      |        |       |        |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |       |  |  |  |       |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |      |  |  |  |         |    |   |  |  |         |      |  |  |  |        |    |   |  |  |         |      |  |  |  |         |    |   |  |  |         |       |  |  |  |                                                                                                       |  |                                                                                                                                                                                                           |  |
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| Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET<br>Data Deliverables:<br>[ ] Level II [ ] Level III [ ] Level IV<br>[ ] EQUIS<br>[ ] Other:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          | County / State origin of sample(s):<br>Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No<br>Rush (Pre-approval required):<br>[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other: _____<br>Date Results Requested: _____<br>DW PWSID # or WW Permit # as applicable: _____<br>Field Filtered (if applicable) [ ] Yes [ ] No Analysis:              |          | Proj Mgr:<br>AcctNum / Client ID:<br>Table #:<br>Profile / Template:<br>Prelog / Bottle Ord ID:<br>Sample Comment:<br><div style="text-align: center; font-size: 24px; margin-top: 10px;">             001<br/>002<br/>003<br/>004<br/>005<br/>006<br/>007<br/>008<br/>009           </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                 |                 |                            |                            |         |                   |                   |      |      |      |      |        |       |        |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |       |  |  |  |       |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |      |  |  |  |         |    |   |  |  |         |      |  |  |  |        |    |   |  |  |         |      |  |  |  |         |    |   |  |  |         |       |  |  |  |                                                                                                       |  |                                                                                                                                                                                                           |  |
| Matrix Codes (Insert in Matrix box below) Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OI), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          | Matrix Codes (Insert in Matrix box below) Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OI), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)                                                                          |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                 |                 |                            |                            |         |                   |                   |      |      |      |      |        |       |        |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |       |  |  |  |       |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |      |  |  |  |         |    |   |  |  |         |      |  |  |  |        |    |   |  |  |         |      |  |  |  |         |    |   |  |  |         |       |  |  |  |                                                                                                       |  |                                                                                                                                                                                                           |  |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Customer Sample ID</th> <th rowspan="2">Matrix *</th> <th rowspan="2">Comp / Grab</th> <th colspan="2">Composite Start</th> <th colspan="2">Collected or Composite End</th> <th rowspan="2"># Cont.</th> <th colspan="2">Residual Chlorine</th> </tr> <tr> <th>Date</th> <th>Time</th> <th>Date</th> <th>Time</th> <th>Result</th> <th>Units</th> </tr> </thead> <tbody> <tr><td>SF-LMB</td><td>TS</td><td>G</td><td></td><td></td><td>8-21-24</td><td>13:35</td><td></td><td></td><td></td></tr> <tr><td>SF-SF-2</td><td>TS</td><td>C</td><td></td><td></td><td>8-21-24</td><td>14:02</td><td></td><td></td><td></td></tr> <tr><td>HB-YP</td><td>TS</td><td>G</td><td></td><td></td><td>8-21-24</td><td>11:07</td><td></td><td></td><td></td></tr> <tr><td>HB-SF-2</td><td>TS</td><td>C</td><td></td><td></td><td>8-21-24</td><td>11:31</td><td></td><td></td><td></td></tr> <tr><td>HB-SF-1</td><td>TS</td><td>C</td><td></td><td></td><td>8-21-24</td><td>11:24</td><td></td><td></td><td></td></tr> <tr><td>HS-BB-1</td><td>TS</td><td>C</td><td></td><td></td><td>8-21-24</td><td>8:49</td><td></td><td></td><td></td></tr> <tr><td>HS-BB-2</td><td>TS</td><td>C</td><td></td><td></td><td>8-21-24</td><td>9:31</td><td></td><td></td><td></td></tr> <tr><td>HS-LMB</td><td>TS</td><td>G</td><td></td><td></td><td>8-21-24</td><td>9:01</td><td></td><td></td><td></td></tr> <tr><td>SF-SF-1</td><td>TS</td><td>C</td><td></td><td></td><td>8-21-24</td><td>13:21</td><td></td><td></td><td></td></tr> </tbody> </table> |          | Customer Sample ID                                                                                                                                                                                                                                                                                                                                                         | Matrix * | Comp / Grab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Composite Start |                 | Collected or Composite End |                            | # Cont. | Residual Chlorine |                   | Date | Time | Date | Time | Result | Units | SF-LMB | TS | G |  |  | 8-21-24 | 13:35 |  |  |  | SF-SF-2 | TS | C |  |  | 8-21-24 | 14:02 |  |  |  | HB-YP | TS | G |  |  | 8-21-24 | 11:07 |  |  |  | HB-SF-2 | TS | C |  |  | 8-21-24 | 11:31 |  |  |  | HB-SF-1 | TS | C |  |  | 8-21-24 | 11:24 |  |  |  | HS-BB-1 | TS | C |  |  | 8-21-24 | 8:49 |  |  |  | HS-BB-2 | TS | C |  |  | 8-21-24 | 9:31 |  |  |  | HS-LMB | TS | G |  |  | 8-21-24 | 9:01 |  |  |  | SF-SF-1 | TS | C |  |  | 8-21-24 | 13:21 |  |  |  | Additional Instructions from Pace®:<br>Collected By: _____<br>Printed Name: _____<br>Signature: _____ |  | Customer Remarks / Special Conditions / Possible Hazards:<br>(-012) EL 8-26-24<br># Coolers: 1 Thermometer ID: T9 Correction Factor (°C): TR Obs. Temp (°C): -0.4 Corrected Temp (°C): -0.6 [ ] On Ice: Y |  |
| Customer Sample ID                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Matrix * |                                                                                                                                                                                                                                                                                                                                                                            |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Comp / Grab     | Composite Start |                            | Collected or Composite End |         | # Cont.           | Residual Chlorine |      |      |      |      |        |       |        |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |       |  |  |  |       |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |      |  |  |  |         |    |   |  |  |         |      |  |  |  |        |    |   |  |  |         |      |  |  |  |         |    |   |  |  |         |       |  |  |  |                                                                                                       |  |                                                                                                                                                                                                           |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          | Date                                                                                                                                                                                                                                                                                                                                                                       | Time     | Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                 | Time            | Result                     | Units                      |         |                   |                   |      |      |      |      |        |       |        |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |       |  |  |  |       |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |      |  |  |  |         |    |   |  |  |         |      |  |  |  |        |    |   |  |  |         |      |  |  |  |         |    |   |  |  |         |       |  |  |  |                                                                                                       |  |                                                                                                                                                                                                           |  |
| SF-LMB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | TS       | G                                                                                                                                                                                                                                                                                                                                                                          |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 8-21-24         | 13:35           |                            |                            |         |                   |                   |      |      |      |      |        |       |        |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |       |  |  |  |       |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |      |  |  |  |         |    |   |  |  |         |      |  |  |  |        |    |   |  |  |         |      |  |  |  |         |    |   |  |  |         |       |  |  |  |                                                                                                       |  |                                                                                                                                                                                                           |  |
| SF-SF-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | TS       | C                                                                                                                                                                                                                                                                                                                                                                          |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 8-21-24         | 14:02           |                            |                            |         |                   |                   |      |      |      |      |        |       |        |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |       |  |  |  |       |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |      |  |  |  |         |    |   |  |  |         |      |  |  |  |        |    |   |  |  |         |      |  |  |  |         |    |   |  |  |         |       |  |  |  |                                                                                                       |  |                                                                                                                                                                                                           |  |
| HB-YP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | TS       | G                                                                                                                                                                                                                                                                                                                                                                          |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 8-21-24         | 11:07           |                            |                            |         |                   |                   |      |      |      |      |        |       |        |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |       |  |  |  |       |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |      |  |  |  |         |    |   |  |  |         |      |  |  |  |        |    |   |  |  |         |      |  |  |  |         |    |   |  |  |         |       |  |  |  |                                                                                                       |  |                                                                                                                                                                                                           |  |
| HB-SF-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | TS       | C                                                                                                                                                                                                                                                                                                                                                                          |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 8-21-24         | 11:31           |                            |                            |         |                   |                   |      |      |      |      |        |       |        |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |       |  |  |  |       |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |      |  |  |  |         |    |   |  |  |         |      |  |  |  |        |    |   |  |  |         |      |  |  |  |         |    |   |  |  |         |       |  |  |  |                                                                                                       |  |                                                                                                                                                                                                           |  |
| HB-SF-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | TS       | C                                                                                                                                                                                                                                                                                                                                                                          |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 8-21-24         | 11:24           |                            |                            |         |                   |                   |      |      |      |      |        |       |        |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |       |  |  |  |       |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |      |  |  |  |         |    |   |  |  |         |      |  |  |  |        |    |   |  |  |         |      |  |  |  |         |    |   |  |  |         |       |  |  |  |                                                                                                       |  |                                                                                                                                                                                                           |  |
| HS-BB-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | TS       | C                                                                                                                                                                                                                                                                                                                                                                          |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 8-21-24         | 8:49            |                            |                            |         |                   |                   |      |      |      |      |        |       |        |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |       |  |  |  |       |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |      |  |  |  |         |    |   |  |  |         |      |  |  |  |        |    |   |  |  |         |      |  |  |  |         |    |   |  |  |         |       |  |  |  |                                                                                                       |  |                                                                                                                                                                                                           |  |
| HS-BB-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | TS       | C                                                                                                                                                                                                                                                                                                                                                                          |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 8-21-24         | 9:31            |                            |                            |         |                   |                   |      |      |      |      |        |       |        |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |       |  |  |  |       |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |      |  |  |  |         |    |   |  |  |         |      |  |  |  |        |    |   |  |  |         |      |  |  |  |         |    |   |  |  |         |       |  |  |  |                                                                                                       |  |                                                                                                                                                                                                           |  |
| HS-LMB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | TS       | G                                                                                                                                                                                                                                                                                                                                                                          |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 8-21-24         | 9:01            |                            |                            |         |                   |                   |      |      |      |      |        |       |        |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |       |  |  |  |       |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |      |  |  |  |         |    |   |  |  |         |      |  |  |  |        |    |   |  |  |         |      |  |  |  |         |    |   |  |  |         |       |  |  |  |                                                                                                       |  |                                                                                                                                                                                                           |  |
| SF-SF-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | TS       | C                                                                                                                                                                                                                                                                                                                                                                          |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 8-21-24         | 13:21           |                            |                            |         |                   |                   |      |      |      |      |        |       |        |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |       |  |  |  |       |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |      |  |  |  |         |    |   |  |  |         |      |  |  |  |        |    |   |  |  |         |      |  |  |  |         |    |   |  |  |         |       |  |  |  |                                                                                                       |  |                                                                                                                                                                                                           |  |
| Relinquished by/Company (Signature):<br>Date/Time: 08/27/2024 08:10<br>Relinquished by/Company (Signature):<br>Date/Time: 08/27/2024 08:10<br>Relinquished by/Company (Signature):<br>Date/Time:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          | Received by/Company (Signature):<br>Date/Time: 8-26-24 9:30<br>Received by/Company (Signature):<br>Date/Time: 08/27/2024 08:10<br>Received by/Company (Signature):<br>Date/Time:                                                                                                                                                                                           |          | Receipt Number: 3480363-1<br>Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other: V Waltec                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                 |                 |                            |                            |         |                   |                   |      |      |      |      |        |       |        |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |       |  |  |  |       |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |      |  |  |  |         |    |   |  |  |         |      |  |  |  |        |    |   |  |  |         |      |  |  |  |         |    |   |  |  |         |       |  |  |  |                                                                                                       |  |                                                                                                                                                                                                           |  |
| Relinquished by/Company (Signature):<br>Date/Time:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |          | Received by/Company (Signature):<br>Date/Time:                                                                                                                                                                                                                                                                                                                             |          | Page: of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                 |                 |                            |                            |         |                   |                   |      |      |      |      |        |       |        |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |       |  |  |  |       |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |       |  |  |  |         |    |   |  |  |         |      |  |  |  |         |    |   |  |  |         |      |  |  |  |        |    |   |  |  |         |      |  |  |  |         |    |   |  |  |         |       |  |  |  |                                                                                                       |  |                                                                                                                                                                                                           |  |

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at <https://info.pacelabs.com/hubs/pas-standard-terms.pdf>

ENV-FRM-CORQ-0019\_v02\_110123 ©

Effective Date: 8/16/2022

Client Name: WSN

## Sample Preservation Receipt Form

Project #

40283211

All containers needing preservation have been checked and noted below:

☐ Yes☐ No☒ N/A

Lab Lot# of pH paper:

Lab Std #ID of preservation (if pH adjusted):

Initial when completed: MPJ Date/Time:

| Pace<br>Lab # | Glass |      |      |      |      |      | Plastic |      |      |      |      |      | Vials |      |      |      |      | Jars |      |      |      | General |      |      |      | VOA Vials (>6mm) * | H2SO4 pH ≤2 | NaOH+Zn Act pH ≥9 | NaOH pH ≥12 | HNO3 pH ≤2 | pH after adjusted | Volume<br>(mL) |
|---------------|-------|------|------|------|------|------|---------|------|------|------|------|------|-------|------|------|------|------|------|------|------|------|---------|------|------|------|--------------------|-------------|-------------------|-------------|------------|-------------------|----------------|
|               | AG1U  | BG1U | AG1H | AG4S | AG5U | AG2S | BG3U    | BP1U | BP3U | BP3B | BP3N | BP3S | BP2Z  | VG9C | DG9T | VG9U | VG9H | VG9M | VG9D | JGFU | JG9U | WGFU    | WPFU | SP5T | ZPLC |                    |             |                   |             |            |                   |                |
| 001           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   | 2.5 / 5        |
| 002           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   | 2.5 / 5        |
| 003           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   | 2.5 / 5        |
| 004           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   | 2.5 / 5        |
| 005           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   | 2.5 / 5        |
| 006           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   | 2.5 / 5        |
| 007           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   | 2.5 / 5        |
| 008           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   | 2.5 / 5        |
| 009           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   | 2.5 / 5        |
| 010           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   | 2.5 / 5        |
| 011           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   | 2.5 / 5        |
| 012           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   | 2.5 / 5        |
| 013           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   | 2.5 / 5        |
| 014           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   | 2.5 / 5        |
| 015           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   | 2.5 / 5        |
| 016           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   | 2.5 / 5        |
| 017           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   | 2.5 / 5        |
| 018           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   | 2.5 / 5        |
| 019           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   | 2.5 / 5        |
| 020           |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |      |      |                    |             |                   |             |            |                   | 2.5 / 5        |

Exceptions to preservation check VOA, Coliform, TOC, TOX, TOH, O&amp;G, WI DRO, Phenolics, Other:

Headspace in VOA Vials (>6mm) ☐ Yes ☐ No ☐ N/A \*If yes look in headspace column

|      |                           |      |                          |      |                             |      |                               |
|------|---------------------------|------|--------------------------|------|-----------------------------|------|-------------------------------|
| AG1U | 1 liter amber glass       | BP1U | 1 liter plastic unpres   | VG9C | 40 mL clear ascorbic w/ HCl | JGFU | 4 oz amber jar unpres         |
| BG1U | 1 liter clear glass       | BP3U | 250 mL plastic unpres    | DG9T | 40 mL amber Na Thio         | JG9U | 9 oz amber jar unpres         |
| AG1H | 1 liter amber glass HCL   | BP3B | 250 mL plastic NaOH      | VG9U | 40 mL clear vial unpres     | WGFU | 4 oz clear jar unpres         |
| AG4S | 125 mL amber glass H2SO4  | BP3N | 250 mL plastic HNO3      | VG9H | 40 mL clear vial HCL        | WPFU | 4 oz plastic jar unpres       |
| AG5U | 100 mL amber glass unpres | BP3S | 250 mL plastic H2SO4     | VG9M | 40 mL clear vial MeOH       | SP5T | 120 mL plastic Na Thiosulfate |
| AG2S | 500 mL amber glass H2SO4  | BP2Z | 500 mL plastic NaOH + Zn | VG9D | 40 mL clear vial DI         | ZPLC | ziploc bag                    |
| BG3U | 250 mL clear glass unpres |      |                          |      |                             | GN 1 |                               |
|      |                           |      |                          |      |                             | GN 2 |                               |

Page 1 of 2

DC# Title: ENV-FRM-GBAY-0014 v03\_SCUR  
Effective Date: 8/17/2022

Sample Condition Upon Receipt Form (SCUR)

Project #:

MO#: 40283211



40283211

Client Name: WSN  
Courier: ☐ CS Logistics ☐ Fed Ex ☐ Speedee ☐ UPS ☒ Walco

Tracking #: 3980363-1

Custody Seal on Cooler/Box Present: ☒ yes ☐ no

Custody Seal on Samples Present: ☒ yes ☐ no

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☒ None

Thermometer Used: ☐ SR - 148 ☐ Other: 0.0

Cooler Temperature: ☐ Uncorr: ☐ Corr: 0.0

Temp Blank Present: ☒ yes ☐ no

Biota Samples may be received at ≤ 0°C if shipped on Dry Ice

Temp should be above freezing to 6°C

Chain of Custody Present: ☒ yes ☐ no

Chain of Custody Filled Out: ☒ yes ☐ no

Chain of Custody Relinquished: ☒ yes ☐ no

Sampler Name & Signature on COC: ☒ yes ☐ no

Samples Arrived within Hold Time: ☒ yes ☐ no

- DI VOA Samples frozen upon receipt: ☒ yes ☐ no

Short Hold Time Analysis (<72hr): ☒ yes ☐ no

Rush Turn Around Time Requested: ☒ yes ☐ no

Sufficient Volume: ☒ yes ☐ no

For Analysis: ☒ yes ☐ no

Correct Containers Used: ☒ yes ☐ no

Correct Type: Pace Green Bay, Pace IR, Non-Pace

Containers Intact: ☒ yes ☐ no

Filtered volume received for Dissolved tests: ☒ yes ☐ no

Sample Labels match COC: ☒ yes ☐ no

-Includes date/time/ID/Analysis Matrix: ☒ yes ☐ no

Trip Blank Present: ☒ yes ☐ no

Trip Blank Custody Seals Present: ☒ yes ☐ no

Pace Trip Blank Lot # (if purchased): ☒ yes ☐ no

Client Notification/Resolution: ☐ yes ☒ no

Person Contacted: ☐ yes ☒ no

Comments/Resolution: ☐ yes ☒ no

Date/Time: ☐ yes ☒ no

If checked, see attached form for additional comments

PM Review is documented electronically in LIMS. By releasing the project, the PM acknowledges they have reviewed the sample logi