

February 17, 2023

Matt Silver Wisconsin Department of Natural Resources 101 S Webster St Madison, WI 53707

RE: 2023 Drinking Water Testing

Work Order: CB01043 Received: 02/06/23

Enclosed are the results of analyses for samples received by our laboratory on 2/6/2023. If you have any questions concerning this report, please feel free to contact a client service representative at clientservices@nlslab.com.

Sincerely,

Tom Priebe For Client Services

Northern Lake Service, Inc.



Wisconsin Department of Natural Resources Project: 2023 Drinking Water Testing

101 S Webster St Project Number: PFAS Private Well **Reported: Work Order:** Madison, WI 53707 Project Manager: Matt Silver 2/17/23 12:17 CB01043

Sample Summary

Descriptions of all qualifiers listed throughout this report can be found on the Qualifiers and Definitions Page.

| Lab ID | Sample | Matrix | Sample Type | Qualifiers | Date Sampled | Date Received |
|------------|-------------------|--------|-------------|------------|--------------|---------------|
| CB01043-01 | QA073 | DW | | | 2/6/23 9:15 | 2/6/23 10:25 |
| CB01043-02 | QA073 Field Blank | DW | | | 2/6/23 0:00 | 2/6/23 10:25 |

Wisconsin Department of Natural Resources Project: 2023 Drinking Water Testing

101 S Webster St Project Number: PFAS Private Well **Reported: Work Order:** Madison, WI 53707 Project Manager: Matt Silver 2/17/23 12:17 CB01043

Sample Results

| Surrogate: (SURR) C13-HFPODA 94% Limits: 70-130% 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 2 Surrogate: (SURR) C13-PFDA 94% Limits: 70-130% 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 2 | Analyte | Result | Qualifier | Dilution | LOD | LOQ | MCL | Units | Date Prepared | Date Analyzed | Analyst | Method | Lab Cert Code |
|--|--|---------------|-----------|----------|---------|---------|-----|-------|---------------|---------------|---------|--------------------|---------------|
| Second CILCPROCINGS | Semi-Volatiles | | InVol | | | | | | | | | | |
| Second (SCL-PF3ONS) ND 1 9.2 30 ng/L 2/10/23 6.39 2/13/23 15.46 RAW EPA 537.1, Rev 2.0 | | ND | | 1 | 7.8 | 25 | | ng/L | 2/10/23 6:39 | 2/13/23 15:46 | RAW | EPA 537.1, Rev 2.0 | |
| ND 1 10 35 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 NEIFOSAA) ND 1 10 32 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 NEIFOSAA) NEIFOSAA) ND 1 10 32 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 NEIFOSAA) NEIFOSAA) ND 1 7.5 25 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 NINEFOSAA) Perfluorodtanesulfonic acid (PFBS) ND 1 8.3 28 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 NINEFOSAA Perfluorodtanesulfonic acid (PFDA) ND 1 8.3 28 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 NINEFOSAA Perfluorodtanesulfonic acid (PFDA) ND 1 8.3 28 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 NINEFOSAA Perfluorodtanesulfonic acid (PFDA) ND 1 1 13 38 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 NINEFOSAA Perfluorodtanesaulfonic acid (PFHAA) 1300 1 1 11 38 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 NINEFOSAA Perfluorontexanoic acid (PFHAA) 960 1 1 12 40 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 NINEFOSAA Perfluorontexanoic acid (PFHAA) 32 J 1 12 38 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 NINEFOSAA Perfluorontexanoic acid (PFNAA) 32 J 1 1 12 38 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 NINEFOSAA Perfluorontexanoic acid (PFNAA) 32 J 1 1 12 38 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 NINEFOSAA Perfluorontexanoic acid (PFNAA) 32 J 1 1 12 38 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 NINEFOSAA PERFLUORDEXANOSACION SAN EPA 537.1, Rev 2.0 NINEFOSAA PERFLUORDEXANOSACION | | ND | | 1 | 8.5 | 28 | | ng/L | 2/10/23 6:39 | 2/13/23 15:46 | RAW | EPA 537.1, Rev 2.0 | |
| Nethyl perfluorooctanesulfonamidoacetic acid ND 1 12 40 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 (NEFOSAA) nemethyl perfluorooctanesulfonamidoacetic acid ND 1 10 32 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 (NIMEOSAA) nemethyl perfluorooctanesulfonamidoacetic acid ND 1 7.5 25 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 (NIMEOSAA) nemethyl perfluorooctanesulfonic acid (PFBS) ND 1 8.3 28 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 (NIMEOSAA) nemethyl perfluorodecanoic acid (PFDA) ND 1 8.3 28 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 (NIMEOSAA) nemethyl perfluorodecanoic acid (PFDA) ND 1 1 138 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 (NIMEOSAA) nemethyl perfluorodecanoic acid (PFHAA) ND 1 1 11 38 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 (NIMEOSAA) nemethyl perfluorodecanoic acid (PFHAA) ND 1 1 12 40 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 (NIMEOSAA) nemethyl perfluorodecanoic acid (PFHAA) ND | 4,8-dioxa-3H-perfluorononanoic acid (ADONA) | ND | | 1 | 9.2 | 30 | | ng/L | 2/10/23 6:39 | 2/13/23 15:46 | RAW | EPA 537.1, Rev 2.0 | |
| NEFFOSAA)methyl perfluorooctanesulfonamidoacetic acid ND | nexafluoropropylene oxide dimer acid (HFPO DA) | ND | | 1 | 10 | 35 | | ng/L | 2/10/23 6:39 | 2/13/23 15:46 | RAW | EPA 537.1, Rev 2.0 | |
| NMEFOSAA) Perfluorobutanesulfonic acid (PFBS) ND 1 7.5 25 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 Perfluorobutanesulfonic acid (PFDA) ND 1 8.3 28 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 Perfluorobetanoic acid (PFDA) ND 1 1 8.3 28 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 Perfluorobetanoic acid (PFHA) 1300 1 11 38 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 Perfluorobetanoic acid (PFHxA) 960 1 12 40 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 Perfluorobetanoic acid (PFHxA) 960 1 12 40 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 Perfluorobetanoic acid (PFHxA) 33 1 1 8.5 28 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 Perfluorobetanoic acid (PFNA) 32 J 1 12 38 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 Perfluorobetanoic acid (PFNA) 32 J 1 12 38 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 Perfluorobetanoic acid (PFNA) Perfluorobetanoic acid (PFNA) 34 1 12 38 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 Perfluorobetanoic acid (PFNA) Perfluorobetanoic acid (PFTDA) Perfluorobetanoic acid (PFTDA) Perfluorobetanoic acid (PFIDA) Perfluorobetano | | ND | | 1 | 12 | 40 | | ng/L | 2/10/23 6:39 | 2/13/23 15:46 | RAW | EPA 537.1, Rev 2.0 | : |
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| Deerfluoronexanesulfonic acid (PFHxS) 33 1 8.5 28 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 Deerfluorononanoic acid (PFNA) 32 J 1 12 38 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 Deerfluoronotanoic acid (PFOA) Deerfluoronotanoic acid (PFOA) 6400 5 61 200 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 Deerfluoronotanoic acid (PFOS) 140 1 7.8 25 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 Deerfluoronotanoic acid (PFTA) ND 1 8.5 28 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 Deerfluoronotanoic acid (PFTDA) ND 1 11 35 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 Deerfluoronotanoic acid (PFUA) Deerfluoronotanoic acid (PFUA) ND 1 11 35 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 Deerfluoronotanoic acid (PFUA) Deerfluoronotanoic acid (PFUA) ND 1 7.5 25 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 Deerfluoronotanoic acid (PFUA) Deerfluoronotanoic acid (PFUA) ND 1 7.5 25 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 Deerfluoronotanoic acid (PFUA) Deerfluoronotanoic acid (PFUA) ND 1 7.5 25 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 Deerfluoronotanoic acid (PFUA) Deerfluoronotanoic acid (PFUA) ND 1 7.5 25 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 Deerfluoronotanoic acid (PFUA) Deerfluoronotanoic acid (PFUA) Deerfluoronotanoic acid (PFUA) ND 1 7.5 25 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 Deerfluoronotanoic acid (PFUA) Deerfluoronotanoic acid (PFUA) Deerfluoronotanoic acid (PFUA) Deerfluoronotanoic acid (PFUA) ND 1 11 35 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 Deerfluoronotanoic acid (PFUA) Deerfluoronotanoic acid (PFUA) Deerfluoronotanoic acid (PFUA) ND 1 11 35 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 Deerfluoronotanoic acid (PFUA) Deerfluoronotanoic acid (PFUA) ND 1 11 35 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 D | perfluoroheptanoic acid (PFHpA) | 1300 | | 1 | 11 | 38 | | ng/L | 2/10/23 6:39 | 2/13/23 15:46 | RAW | EPA 537.1, Rev 2.0 | : |
| perfluorononanoic acid (PFNA) 32 J 1 12 38 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 perfluorooctanoic acid (PFOA) 6400 5 61 200 ng/L 2/10/23 6:39 2/15/23 11:13 RAW EPA 537.1, Rev 2.0 perfluorooctanoic acid (PFOS) 140 1 7.8 25 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 perfluorotetradecanoic acid (PFTA) ND 1 8.5 28 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 perfluorotridecanoic acid (PFTDA) ND 1 11 35 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 perfluoroundecanoic acid (PFUDA) ND 1 7.5 25 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 perfluoroundecanoic acid (PFUDA) ND 1 7.5 25 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 perfluoroundecanoic acid (PFUDA) ND 1 7.5 25 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 perfluoroundecanoic acid (PFUDA) ND 1 7.5 25 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 perfluoroundecanoic acid (PFUDA) ND 1 7.5 25 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 perfluoroundecanoic acid (PFUDA) ND 1 7.5 25 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 perfluoroundecanoic acid (PFUDA) ND 1 7.5 25 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 perfluoroundecanoic acid (PFUDA) Physical Raw EPA 537.1, Rev 2.0 perfluoroundecanoic acid (PFUDA) Physical Raw EPA 537.1, Rev 2.0 perfluoroundecanoic acid (PFUDA) Physical Raw EPA 537.1, Rev 2.0 perfluoroundecanoic acid (PFUDA) Physical Raw EPA 537.1, Rev 2.0 perfluoroundecanoic acid (PFUDA) Physical Raw EPA 537.1, Rev 2.0 perfluoroundecanoic acid (PFUDA) Physical Raw EPA 537.1, Rev 2.0 perfluoroundecanoic acid (PFUDA) Physical Raw EPA 537.1, Rev 2.0 perfluoroundecanoic acid (PFUDA) Physical Raw EPA 537.1, Rev 2.0 perfluoroundecanoic acid (PFUDA) Physical Raw EPA 537.1, Rev 2.0 perfluoroundecanoic acid (PFUDA) Physical Raw EPA 537.1, Rev 2.0 perfluoroundecanoic acid (PFUDA) Physical Raw EPA 537.1, Rev 2.0 perfluoroundecanoic acid (PFUDA) Physical Raw EPA 537.1, Rev 2.0 perfluoroundecanoic acid (PFUDA) Physical Raw EPA 537.1, Rev 2.0 perf | perfluorohexanoic acid (PFHxA) | 960 | | 1 | 12 | 40 | | ng/L | 2/10/23 6:39 | 2/13/23 15:46 | RAW | EPA 537.1, Rev 2.0 | 2 |
| Deerfluorooctanoic acid (PFOA) 6400 5 61 200 ng/L 2/10/23 6:39 2/15/23 11:13 RAW EPA 537.1, Rev 2.0 perfluorooctanesulfonic acid (PFOS) 140 1 7.8 25 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 perfluorotetradecanoic acid (PFTA) ND 1 8.5 28 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 perfluorotetridecanoic acid (PFTDA) ND 1 11 35 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 perfluoroundecanoic acid (PFUA) ND 1 7.5 25 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 perfluoroundecanoic acid (PFUA) ND 1 7.5 25 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 perfluoroundecanoic acid (PFUA) ND 1 7.5 25 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 perfluoroundecanoic acid (PFUA) ND 1 7.5 25 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 perfluoroundecanoic acid (PFUA) ND 1 7.5 25 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 perfluoroundecanoic acid (PFUA) ND 1 7.5 25 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 perfluoroundecanoic acid (PFUA) ND 1 7.5 25 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 perfluoroundecanoic acid (PFUA) ND 1 7.5 25 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 perfluoroundecanoic acid (PFUA) ND 1 7.5 25 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 perfluoroundecanoic acid (PFUA) ND 1 7.5 25 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 perfluoroundecanoic acid (PFUA) ND 1 7.5 25 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 perfluoroundecanoic acid (PFUA) ND 1 7.5 25 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 perfluoroundecanoic acid (PFUA) ND 1 7.5 25 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 perfluoroundecanoic acid (PFUA) ND 1 7.5 25 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 perfluoroundecanoic acid (PFUA) ND 1 7.5 25 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 perfluoroundecanoic acid (PFUA) ND 1 7.5 25 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 perfluoroundecanoic acid (PFUA) ND 1 7.5 25 ng/L 2/10/ | perfluorohexanesulfonic acid (PFHxS) | 33 | | 1 | 8.5 | 28 | | ng/L | 2/10/23 6:39 | 2/13/23 15:46 | RAW | EPA 537.1, Rev 2.0 | : |
| Deerfluorooctanesulfonic acid (PFOS) 140 1 7.8 25 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 Deerfluoroottanesulfonic acid (PFTA) ND 1 8.5 28 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 Deerfluoroottanesulfonic acid (PFTA) ND 1 11 35 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 Deerfluoroottanesulfonic acid (PFTDA) ND 1 7.5 25 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 Deerfluoroottanesulfonic acid (PFTDA) Deerfluoroottanesulfonic acid (PFTDA) ND 1 11 35 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 Deerfluoroottanesulfonic acid (PFTDA) Deerfluoroottanesulfonic acid (PFTDA) ND 1 11 35 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 Deerfluoroottanesulfonic acid (PFTDA) Deerfluoroottanesulfonic acid (PFTDA) ND 1 11 35 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 Deerfluoroottanesulfonic acid (PFTDA) Deerfluoroottanesulfonic acid (PFTDA) ND 1 11 35 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 Deerfluoroottanesulfonic acid (PFTDA) Deerfluoroottanesulfonic acid (PFTDA) ND 1 11 35 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 Deerfluoroottanesulfonic acid (PFTDA) Deerfluoroottanesulfonic acid (PFTDA) ND 1 11 35 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 Deerfluoroottanesulfonic acid (PFTDA) Deerfluoroottanesulfonic acid (PFTDA) Deerfluoroottanesulfonic acid (PFTDA) ND 1 11 35 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 Deerfluoroottanesulfonic acid (PFTDA) Deerfluoroottanesulfonic acid (PFTDA) Deerfluoroottanesulfonic acid (PFTDA) ND 1 11 35 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 Deerfluoroottanesulfonic acid (PFTDA) | perfluorononanoic acid (PFNA) | 32 | J | 1 | 12 | 38 | | ng/L | 2/10/23 6:39 | 2/13/23 15:46 | RAW | EPA 537.1, Rev 2.0 | : |
| Deerfluorotetradecanoic acid (PFTA) ND 1 8.5 28 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 Deerfluorotridecanoic acid (PFTDA) ND 1 11 35 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 Deerfluoroundecanoic acid (PFUnA) ND 1 7.5 25 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 Deerfluoroundecanoic acid (PFUnA) ND 1 7.5 25 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 Deerfluoroundecanoic acid (PFUnA) ND Limits: 70-130% Limits: 70-130% Limits: 70-130% Surrogate: (SURR) C13-PFDA 94% Limits: 70-130% Limits: 70-130% 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 | perfluorooctanoic acid (PFOA) | 6400 | | 5 | 61 | 200 | | ng/L | 2/10/23 6:39 | 2/15/23 11:13 | RAW | EPA 537.1, Rev 2.0 | : |
| Deerfluorotridecanoic acid (PFTrDA) ND 1 11 35 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 Deerfluorotridecanoic acid (PFTrDA) ND 1 7.5 25 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 Surrogate: (SURR) C13-PFHxA 94% Limits: 70-130% 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 | perfluorooctanesulfonic acid (PFOS) | 140 | | 1 | 7.8 | 25 | | ng/L | 2/10/23 6:39 | 2/13/23 15:46 | RAW | EPA 537.1, Rev 2.0 | 2 |
| Deerfluoroundecanoic acid (PFUnA) ND 1 7.5 25 ng/L 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 Surrogate: (SURR) C13-PFHxA 94% Limits: 70-130% 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 2 Surrogate: (SURR) C13-HFPODA 94% Limits: 70-130% 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 2 Surrogate: (SURR) C13-PFDA 94% Limits: 70-130% 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 2 | perfluorotetradecanoic acid (PFTA) | ND | | 1 | 8.5 | 28 | | ng/L | 2/10/23 6:39 | 2/13/23 15:46 | RAW | EPA 537.1, Rev 2.0 | ; |
| Surrogate: (SURR) C13-PFHxA 94% Limits: 70-130% 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 2 Surrogate: (SURR) C13-HFPODA 94% Limits: 70-130% 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 2 Surrogate: (SURR) C13-PFDA 94% Limits: 70-130% 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 2 | perfluorotridecanoic acid (PFTrDA) | ND | | 1 | 11 | 35 | | ng/L | 2/10/23 6:39 | 2/13/23 15:46 | RAW | EPA 537.1, Rev 2.0 | 2 |
| Surrogate: (SURR) C13-HFPODA 94% Limits: 70-130% 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 2 Surrogate: (SURR) C13-PFDA 94% Limits: 70-130% 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 2 | perfluoroundecanoic acid (PFUnA) | ND | | 1 | 7.5 | 25 | | ng/L | 2/10/23 6:39 | 2/13/23 15:46 | RAW | EPA 537.1, Rev 2.0 | 2 |
| Surrogate: (SURR) C13-PFDA 94% Limits: 70-130% 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 2 | Surrogate: (SURR) C13-PFHxA | 94% | | | Limits: | 70-130% | | | 2/10/23 6:39 | 2/13/23 15:46 | RAW | EPA 537.1, Rev 2.0 | 2 |
| | Surrogate: (SURR) C13-HFPODA | 94% | | | | | | | 2/10/23 6:39 | | RAW | EPA 537.1, Rev 2.0 | 2 |
| Surrogate: (SURR) d5-NEtFOSAA 91% Limits: 70-130% 2/10/23 6:39 2/13/23 15:46 RAW EPA 537.1, Rev 2.0 2 | | | | | | | | | | | | • | 2 |
| | Surrogate: (SURR) d5-NEtFOSAA | 91% | | | Limits: | 70-130% | | | 2/10/23 6:39 | 2/13/23 15:46 | RAW | EPA 537.1, Rev 2.0 | 2 |
| | CB01043-02 (DW) Sampled: 0 | 2/06/23 00:00 |) | | | | | | | | | | |
| CB01043-02 (DW) Sampled: 02/06/23 00:00 | Analyte | Result | Qualifier | Dilution | LOD | LOQ | MCL | Units | Date Prepared | Date Analyzed | Analyet | Method | Lab Cert Code |

Semi-Volatiles

Wisconsin Department of Natural Resources

Project: 2023 Drinking Water Testing

101 S Webster St Project Number: PFAS Private Well Madison, WI 53707 Project Manager: Matt Silver

Reported:

Work Order:

2/17/23 12:17

CB01043

Sample Results (Continued)

Sample: QA073 Field Blank (Continued)

CB01043-02 (DW) Sampled: 02/06/23 00:00

| Analyte | Result | Qualifier | Dilution | LOD | LOQ | MCL | Units | Date Prepared | Date Analyzed | Analyst | Method | Lab Cert Code |
|--|--------|-----------|----------|---------|---------|-----|-------|---------------|---------------|---------|--------------------|---------------|
| Semi-Volatiles (Continued) | | | | | | | | | | | | |
| 11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS) | ND | | 1 | 0.31 | 1.0 | | ng/L | 2/14/23 7:07 | 2/15/23 11:39 | RAW | EPA 537.1, Rev 2.0 | 2 |
| 9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS) | ND | | 1 | 0.34 | 1.1 | | ng/L | 2/14/23 7:07 | 2/15/23 11:39 | RAW | EPA 537.1, Rev 2.0 | 2 |
| 4,8-dioxa-3H-perfluorononanoic acid (ADONA) | ND | | 1 | 0.37 | 1.2 | | ng/L | 2/14/23 7:07 | 2/15/23 11:39 | RAW | EPA 537.1, Rev 2.0 | 2 |
| hexafluoropropylene oxide dimer acid (HFPO DA) | ND | | 1 | 0.41 | 1.4 | | ng/L | 2/14/23 7:07 | 2/15/23 11:39 | RAW | EPA 537.1, Rev 2.0 | 2 |
| N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA) | ND | | 1 | 0.47 | 1.6 | | ng/L | 2/14/23 7:07 | 2/15/23 11:39 | RAW | EPA 537.1, Rev 2.0 | 2 |
| n-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA) | ND | | 1 | 0.40 | 1.3 | | ng/L | 2/14/23 7:07 | 2/15/23 11:39 | RAW | EPA 537.1, Rev 2.0 | 2 |
| perfluorobutanesulfonic acid (PFBS) | ND | | 1 | 0.30 | 1.0 | | ng/L | 2/14/23 7:07 | 2/15/23 11:39 | RAW | EPA 537.1, Rev 2.0 | 2 |
| perfluorodecanoic acid (PFDA) | ND | | 1 | 0.33 | 1.1 | | ng/L | 2/14/23 7:07 | 2/15/23 11:39 | RAW | EPA 537.1, Rev 2.0 | 2 |
| perfluorododecanoic acid (PFDoA) | ND | | 1 | 0.23 | 0.77 | | ng/L | 2/14/23 7:07 | 2/15/23 11:39 | RAW | EPA 537.1, Rev 2.0 | 2 |
| perfluoroheptanoic acid (PFHpA) | ND | | 1 | 0.44 | 1.5 | | ng/L | 2/14/23 7:07 | 2/15/23 11:39 | RAW | EPA 537.1, Rev 2.0 | 2 |
| perfluorohexanoic acid (PFHxA) | ND | | 1 | 0.47 | 1.6 | | ng/L | 2/14/23 7:07 | 2/15/23 11:39 | RAW | EPA 537.1, Rev 2.0 | 2 |
| perfluorohexanesulfonic acid (PFHxS) | ND | | 1 | 0.34 | 1.1 | | ng/L | 2/14/23 7:07 | 2/15/23 11:39 | RAW | EPA 537.1, Rev 2.0 | 2 |
| perfluorononanoic acid (PFNA) | ND | | 1 | 0.46 | 1.5 | | ng/L | 2/14/23 7:07 | 2/15/23 11:39 | RAW | EPA 537.1, Rev 2.0 | 2 |
| perfluorooctanoic acid (PFOA) | ND | | 1 | 0.49 | 1.6 | | ng/L | 2/14/23 7:07 | 2/15/23 11:39 | RAW | EPA 537.1, Rev 2.0 | 2 |
| perfluorooctanesulfonic acid (PFOS) | ND | | 1 | 0.31 | 1.0 | | ng/L | 2/14/23 7:07 | 2/15/23 11:39 | RAW | EPA 537.1, Rev 2.0 | 2 |
| perfluorotetradecanoic acid (PFTA) | ND | | 1 | 0.34 | 1.1 | | ng/L | 2/14/23 7:07 | 2/15/23 11:39 | RAW | EPA 537.1, Rev 2.0 | 2 |
| perfluorotridecanoic acid (PFTrDA) | ND | | 1 | 0.43 | 1.4 | | ng/L | 2/14/23 7:07 | 2/15/23 11:39 | RAW | EPA 537.1, Rev 2.0 | 2 |
| perfluoroundecanoic acid (PFUnA) | ND | | 1 | 0.30 | 1.0 | | ng/L | 2/14/23 7:07 | 2/15/23 11:39 | RAW | EPA 537.1, Rev 2.0 | 2 |
| Surrogate: (SURR) C13-PFHxA | 93% | | | Limits: | 70-130% | | | 2/14/23 7:07 | 2/15/23 11:39 | RAW | EPA 537.1, Rev 2.0 | 2 |
| Surrogate: (SURR) C13-HFPODA | 91% | | | | 70-130% | | | 2/14/23 7:07 | 2/15/23 11:39 | | , | 2 |
| Surrogate: (SURR) C13-PFDA | 94% | | | Limits: | 70-130% | | | 2/14/23 7:07 | 2/15/23 11:39 | RAW | EPA 537.1, Rev 2.0 | 2 |
| Surrogate: (SURR) d5-NEtFOSAA | 89% | | | Limits: | 70-130% | | | 2/14/23 7:07 | 2/15/23 11:39 | RAW | EPA 537.1, Rev 2.0 | 2 |



Wisconsin Department of Natural Resources

Project: 2023 Drinking Water Testing

101 S Webster St Madison, WI 53707 Project Number: PFAS Private Well
Project Manager: Matt Silver

Reported:

Work Order:

2/17/23 12:17

CB01043

List of Certifications

| Code | Description | Number | Expires |
|------|-------------------------------------|-----------|---------|
| 2 | NLS (Crandon) WDNR Laboratory ID No | 721026460 | 8/31/23 |

Wisconsin Department of Natural Resources Project: 2023 Drinking Water Testing

101 S Webster St Project Number: PFAS Private Well **Reported: Work Order:** Madison, WI 53707 Project Manager: Matt Silver 2/17/23 12:17 CB01043

Qualifiers and Definitions

| <u>Item</u> | Definition |
|-------------|--|
| InVol | The initial volume used was 10mL. |
| J | Result is between LOD and LOQ and considered to be within a region of less-certain quantitation. |
| ND | Analyte NOT DETECTED at or above the LOD or MRL. |
| LOD | Limit of Detection. |
| LOQ | Limit of Quantitation. |
| NA | Not Applicable. |
| Dry | Dry Weight Basis. |
| Wet | Wet Weight Basis. |
| % Dry | Equal to: (mg/kg dry) / 10000. |
| 1000 ug/L | Equal to: 1 mg/L. |
| MCL | Maximum Contaminant Levels for Drinking Water Samples. Shaded results indicate >MCL. |
| RPD | Relative Percent Difference. |
| %REC | Percent Recovery. |
| Source | Sample that was matrix spiked or duplicated. |

All LOD/LOQs adjusted to reflect preparation volumes, dilutions, and/or solids content.

SAMPLE COLLECTION AND CHAIN OF CUSTODY RECORD

400 Anal Wisconsin Lab Cert. No. 721026460 WISCONSIN DNR-MINKONKWARC ANDRONNING WIDATCP 105-000330 DW = drinking water SW = surface water GW = groundwater WW = waste water TIS = tissue SOIL = soil AIR = air MATRIX: 21 53707 QUOTATION NO. **DNR LICENSE #** ADDRESS, O. BOK 7721, DG/S PROJECT DESCRIPTION / NO. 14-0150N



COLLECTION REMARKS (i.e. DNR Well IQ #) 2) GW/ USE BOXES BELOW: Indicate Y or N if GW Sample is field filtered. Indicate G or C if WW Sample is Grab or Composite. ZES ORKOZN COLLECTION MATRIX
TABLE
TIMF (See above) SE SED = sediment PROD = product SL = sludge OTHER 09218 TIME 2/6/23 608-206-0167 FAX SAMPLE ID PURCHASE ORDER NO. 3 POSC - COCCO 22345 CONTACTURES NIS LAB NO

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| RECEIVED BY (signature) METHOD OF TRANSPORT CUSTODY SEAL NO. (IF ANY) B. A. I. S. DATE/TIME DATE/TIME |
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| BX (S | 3Y (signature) | | 2/1/2023 102 | Z/t/2023 1025 ON - ON | |
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| | > | | REMARKS & OTHER INFORMATION | | |
| | N = nitric acid | N = nitric acid OH = sodium hydroxide | WDNR FACILITY NUMBER | E-MAIL ADDRESS | |
| | Z = zinc acetate | Z = zinc acetate HA = hydrochloric & ascorbic acid | | | |
| | M = methanol | M = methanol H = hydrochloric acid | | | |
| | 1. TO MEET RE | GULATORY REQUIREMENTS, THIS FOR | RM MUST BE COMPLETED IN DETAIL AN | I. TO MEET REGULATORY REQUIREMENTS, THIS FORM MUST BE COMPLETED IN DETAIL AND INCLUDED IN THE COOLER CONTAINING THE SAMPLES DESCRIBED. | |

RECEIVED AT INLS BY

COOLER# NP = no preservative PRESERVATIVE S = suffuric acid IMPORTANT

2. PLEASE USE ONE LINE PER SAMPLE, NOT PER BOTTLE. 3. RETURN THIS FORM WITH SAMPLES -CLIENT MAY KEEP PINK COPY. 4. PARTIES COLLECTING SAMPLE, LISTED AS REPORT TO AND LISTED AS INVOICED TO AGREE TO STANDARD TERMS & CONDITIONS ON REVERSE.