Space for Lab Letter Head

**UCMR5 Per- and Polyfluoroalkyl Substances (PFAS) By EPA Method 533/537.1**

*Analysis Report*

|  |  |
| --- | --- |
| Date Collected: (MM/DD/YY) \_\_\_ \_\_\_/\_\_\_ \_\_\_/\_\_\_ \_\_\_ | System Group Type: *(Circle one.)* A-Comm A-NTNC |
| Water System ID Number: \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ | System Name: |
| UCMR Lab Number/Sample Number: 999/\_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ | County: |
| Sample Location | Source Number(s) *(List all sources if blended or composited.)* |
| Sample Purpose *(check appropriate box)*  ⃣ RC—Routine/Compliance *(Satisfies monitoring requirements.)* | Date Received: (MM/DD/YY) \_\_\_ \_\_\_/\_\_\_ \_\_\_/\_\_\_ \_\_\_  Date Analyzed: (MM/DD/YY) \_\_\_ \_\_\_/\_\_\_ \_\_\_/\_\_\_ \_\_\_  Date Reported: (MM/DD/YY) \_\_\_ \_\_\_/\_\_\_ \_\_\_/\_\_\_ \_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  COMMENTS: |
| Sample Composition *(Check appropriate box.)*  ⃣ S—Single Source  ⃣ B—Blended *(List source numbers in “Source Numbers” field.)*  ⃣ C—Composite *(List source numbers in “Source Numbers” field.)* | Sample Type *(Check one.)* ⃣ Pre-treatment/Untreated (Raw)  ⃣ Post-treatment (Finished)  ⃣ Unknown or Other  Sample Collected by: *(name)* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Phone Number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| UCMR 5 Lab Information: (*name, project manager, phone number, email)*  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Water System Contact: *(name, phone number, email)*  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

**Required Analytical Results**

| **DOH #** | **CAS Number** | **Contaminant** | **Data Qualifier** | **Results** | **MRL** | **SAL** | **Units** | **Exceeds SAL? (X if Yes)** | **Method/ Initials** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0434 | 335-67-1 | (PFOA) Perfluorooctanoic acid |  |  | 4 | 10 | ng/L |  |  |
| 0433 | 1763-23-1 | (PFOS) Perfluorooctanesulfonic acid |  |  | 4 | 15 | ng/L |  |  |
| 0431 | 355-46-4 | (PFHxS) Perfluorohexanesulfonic acid |  |  | 3 | 65 | ng/L |  |  |
| 0432 | 375-95-1 | (PFNA) Perfluorononanoic acid |  |  | 4 | 9 | ng/L |  |  |
| 0429 | 375-73-5 | (PFBS) Perfluorobutanesulfonic acid |  |  | 3 | 345 | ng/L |  |  |
| 0430 | 375-85-9 | (PFHpA) Perfluoroheptanoic acid |  |  | 3 | n/a | ng/L |  |  |
| 0435 | 307-24-4 | (PFHxA) Perfluorohexanoic acid |  |  | 3 | n/a | ng/L |  |  |
| 0436 | 335-76-2 | (PFDA) Perfluorodecanoic acid |  |  | 3 | n/a | ng/L |  |  |
| 0437 | 2058-94-8 | (PFUnA) Perfluoroundecanoic acid |  |  | 2 | n/a | ng/L |  |  |
| 0438 | 307-55-1 | (PFDoA) Perfluorododecanoic acid |  |  | 3 | n/a | ng/L |  |  |
| 0445 | 919005-14-4 | (ADONA) 4,8-Dioxa-3H-perfluorononanoic acid |  |  | 3 | n/a | ng/L |  |  |
| 0446 | 756426-58-1 | (9Cl-PF3ONS) 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid |  |  | 2 | n/a | ng/L |  |  |
| 0447 | 13252-13-6 | (HFPO-DA) Hexafluoropropylene oxide dimer acid |  |  | 5 | n/a | ng/L |  |  |
| 0448 | 463051-92-9 | (11Cl-PF3OUdS) 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid |  |  | 5 | n/a | ng/L |  |  |
| 0450 | 757124-72-4 | (4:2FTS)1H,1H, 2H, 2H-Perfluorohexane sulfonic acid |  |  | 3 | n/a | ng/L |  |  |
| 0451 | 27619-97-2 | (6:2FTS)1H,1H, 2H, 2H-Perfluorooctane sulfonic acid |  |  | 5 | n/a | ng/L |  |  |
| 0452 | 39108-34-4 | (8:2FTS)1H,1H, 2H, 2H-Perfluorodecane sulfonic acid |  |  | 5 | n/a | ng/L |  |  |
| 0453 | 151772-58-6 | (NFDHA)Nonafluoro-3,6-dioxaheptanoic acid |  |  | 20 | n/a | ng/L |  |  |
| 0454 | 375-22-4 | (PFBA)Perfluorobutanoic acid |  |  | 5 | n/a | ng/L |  |  |
| 0455 | 375-92-8 | (PFHpS)Perfluoroheptanesulfonic acid |  |  | 3 | n/a | ng/L |  |  |
| 0456 | 863090-89-5 | (PFMBA)Perfluoro-4-methoxybutanoic acid |  |  | 3 | n/a | ng/L |  |  |
| 0457 | 377-73-1 | (PFMPA)Perfluoro-3-methoxypropanoic acid |  |  | 4 | n/a | ng/L |  |  |
| 0458 | 2706-90-3 | (PFPeA)Perfluoropentanoic acid |  |  | 3 | n/a | ng/L |  |  |
| 0459 | 2706-91-4 | (PFPeS)Perfluoropentanesulfonic acid |  |  | 4 | n/a | ng/L |  |  |
| 0460 | 113507-82-7 | (PFEESA)Perfluoro(2-ethoxyethane)sulfonic acid |  |  | 3 | n/a | ng/L |  |  |
| 0439 | 72629-94-8 | (PFTrDA) Perfluorotridecanoic acid |  |  | 7 | n/a | ng/L |  |  |
| 0440 | 376-06-7 | (PFTA) Perfluorotetradecanoic acid |  |  | 8 | n/a | ng/L |  |  |
| 0441 | 2991-50-6 | (NEtFOSAA) N-ethyl perfluorooctanesulfonamidoacetic acid |  |  | 5 | n/a | ng/L |  |  |
| 0442 | 2355-31-9 | (NMeFOSAA) N-methyl perfluorooctanesulfonamidoacetic acid |  |  | 6 | n/a | ng/L |  |  |

**NOTES**

**Data Qualifier:** A symbol or letter to denote additional information about the result.

**DOH#:** Department assigned contaminant number.

**Method/Initials:** Analytical method used. / Initials of the analyst that performed the analysis.

**ng/L:** nanograms per liter or parts per trillion.

**SAL (State Action Level):** Means the concentration of a contaminant or group of contaminants, without an MCL, established by Washington State to protect public health in accordance with WAC 246-290-315 and which, if exceeded, triggers action a purveyor takes in accordance with WAC 246-290-320.

**MRL (Minimum Reporting Level):** In accordance with 40 CFR 141.40(a)(3), the value and unit of measure at or above which the concentration of the contaminant must be measured using the approved analytical methods.

**LAB COMMENTS**