PFAS/PFOA Consumer Notice of results above the Trigger Level

Public Water System Name: Fairchild AFB

Public Water System ID: 243500

Dear Fairchild Air Force Base residents and patrons,

The DoD requires water system managers to post all PFAS/PFOA results above the trigger level on the official website within thirty days of receipt of results. Below is the PFAS/PFOA result's that have exceeded the trigger level and information about PFAS/PFOA in drinking water. The trigger level is half of the maximum contamination level. The Maximum Contamination Level (MCL) is the maximum amount allowed to be present due to possible health effect's related to PFAS ingestion according to the EPA.

For more information on reducing PFAS/PFOA exposure around your home and the health effects of PFAS/PFOA, visit EPA's Web site at <u>https://www.epa.gov/pfas/pfas-explained</u>, or call Bioenvironmental Engineering at 509-247-2391 or email the organization at <u>dha.fairchild.92nd-mdg.mbx.omrsbio@health.mil</u>.

The regulations used are the "PFAS National Primary Drinking Water Regulation (Final Rule)." [EPA-HQ-OW-2022-0114; FRL 8543-02-OW], RIN 2040-AG18, June 25, 2024 and DoD Instruction 4715.06, "Environmental Compliance in the United States" and the DoD memorandum, "Policy for Per- and Polyfluoroalkyl Substances Monitoring and Treatment in DoD Owned Drinking Water Systems in the United States".

The samples were taken 21 January 2025 at the Water Treatment Plant and the back-up Well 2, results were received 28 March 2025. The results are as followed. PFAS/PFOA was detected <u>ABOVE</u> the Maximum Contamination Level of 4/10 ng/L (ppt) for two out of twelve analytes and <u>ABOVE</u> the trigger level of 2/5 ng/L (ppt) for three out of twelve analytes.

The EPA final rule requires Public Water Systems:

- Public water systems must monitor for the above PFAS and have three years to complete initial monitoring (by 2027), followed by ongoing compliance monitoring. Water systems must also provide the public with information on the levels of these PFAS in their drinking water beginning in 2027.
- Public water systems have five years (by 2029) to implement solutions that reduce the above PFAS if monitoring shows that drinking water levels exceed these MCLs.
- Beginning in five years (2029), public water systems that have PFAS in drinking water which violates one or more of these MCLs must take action to reduce levels of these PFAS in their drinking water and must provide notification to the public of the violation.

| Compound ¹ | Final MCL (enforceable levels) | Trigger level (Half of MCL) | Location | Result | Sample Date |
|--|---|--------------------------------|-----------------------------|---------|----------------|
| PFOA | 4.0 parts per trillion (ppt) (also expressed as ng/L) | 2.0 ppt | Back-up Well 2 | Below | 21 Jan 2025 |
| PFOS | 4.0 ppt | 2.0 ppt | | 4.5 ppt | |
| PFHxS | 10 ppt | 5.0 ppt | | 16 ppt | |
| PFNA | 10 ppt | 5.0 ppt | | Below | |
| HFPO-DA | 10 ppt | 5.0 ppt | | Below | |
| Mixtures containing two or more of PFHxS, PFNA, HFPO-DA, and PFBS | 1 (unitless) Hazard Index | 1 (unitless) Hazard Index | | Below | |
| Compound ¹ | Final MCL (enforceable levels) | Trigger level (Half of MCL) | Location | Result | Sample Date |
| PFOA | 4.0 parts per trillion (ppt) (also expressed as ng/L) | 2.0 ppt | Water Treatment Plant | Below | 21 Jan 2025 |
| PFOS | 4.0 ppt | 2.0 ppt | | Below | |
| PFHxS | 10 ppt | 5.0 ppt | | 8.4 ppt | |
| PFNA | 10 ppt | 5.0 ppt | | Below | |
| HFPO-DA | 10 ppt | 5.0 ppt | | Below | |
| Mixtures containing two or more of PFHxS, PFNA, HFPO-DA, and PFBS | 1 (unitless) Hazard Index | 1 (unitless) Hazard Index | | Below | |

Sampling Method 533 Results

¹PFOA - Perfluorooctanoic Acid

PFOS - Perfluorooctanesulfonic Acid

PFHxS - Perfluorohexanesulfonic Acid

PFNA - Perfluorononanoic acid

HFPO-DA - Commonly known as GenX Chemicals

CASON M. WATKINS, Maj, USAF, BSC Bioenvironmental Engineering Flight Commander