



**DEPARTMENT OF THE AIR FORCE
501ST COMBAT SUPPORT WING (USAFE)**

14 April 2026

MEMORANDUM FOR DISTRIBUTION

FROM: 422 MDS/SGOJ

SUBJECT: Initial Semi-annual Per- and Polyfluoroalkyl Substances Sampling Results, RAF Welford

1. On 29 January 2026, the RAF Croughton Bioenvironmental Engineering (BE) conducted base-wide drinking water sampling for per- and polyfluoroalkyl substances (PFAS), in accordance with DoD policy, “*Memorandum for Sampling of Per- and Polyfluoroalkyl Substances in DoD-Owned Drinking Water Systems*”, 28 September 2025. BE analyzed for 25 PFAS compounds. The table below contains the results of detected PFAS. These results represent the first of two planned sampling events for calendar year 2026 intended to establish a baseline for PFAS concentrations within the installation drinking water system. A second sampling event is scheduled to occur no later than June 2026. Accordingly, these results are preliminary and should not be considered final until completion of the second sampling event.

Analyte	Result (ppt)	Trigger Level (ppt)	MCL (ppt)
Perfluorooctanesulfonic acid (PFOS)	4.7	2	4

2. Once a baseline is established, the Air Force will use this information to begin planning for proper treatment ahead of the EPA’s new PFAS National Primary Drinking Water Standards compliance requirements. For additional guidance on PFAS, use the following link: [ASD\(EI&E\) - Per- and Polyfluoroalkyl Substances \(PFAS\) \(osd.mil\)](#).

3. If you have any questions or concerns regarding these results, please contact BE at DSN: 314-236-8838/8083.

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