

Abington

PWS ID: NC0234191



PFAS Results (All results reported as Nanograms per liter (ng/L))

Contaminant	Sample Date	Range of Detect	Average	EPA HAL
PFOS	8/8/2023	ND-2.1	1.0	0.02
PFOA	8/8/2023	ND-2.1	0.53	0.004
PFBS	8/8/2023	ND-2.4	1.13	2000
PFHpA	8/8/2023	ND	ND	
PFHxS	8/8/2023	ND-2.3	0.58	
PFNA	8/8/2023	ND	ND	
PFDA	8/8/2023	ND	ND	
PFHxA	8/8/2023	ND-3.3	1.65	
PFDoA	8/8/2023	ND	ND	
PFTTrDA	8/8/2023	ND	ND	
PFUnA	8/8/2023	ND	ND	
NEtFOSAA	8/8/2023	ND	ND	
NMeFOSAA	8/8/2023	ND	ND	
HFPO-DA/ Gen X	8/8/2023	ND	ND	10
ADONA	8/8/2023	ND	ND	
9CI-PF3ONS	8/8/2023	ND	ND	
11CI-PF3OUdS	8/8/2023	ND	ND	
PFTeDA / PFTA	8/8/2023	ND	ND	

Carolina Water Service, Inc. of North Carolina continues efforts to conduct statewide drinking water testing for Per- and Polyfluoroalkyl Substances (PFAS). These man-made compounds are used in the manufacturing of products resistant to water, grease or stains including firefighting foams, cleaners, cosmetics, paints, adhesives and insecticides. PFAS can migrate into the soil, water, and air and is likely present in the blood of humans and animals all over the world. The Environmental Protection Agency (EPA) has established health advisory levels for GenX, PFBS, PFOA, and PFOS, and has proposed enforceable limits. We are reviewing the proposed MCLs to evaluate the impact on our operations and on the communities we serve. **Our focus will remain, as always, on supplying our customers with safe and reliable water.** For more information visit <https://www.epa.gov/pfas>.

Terms and Abbreviations:

- 11CI-PF3OUdS** – 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid
- 9CI-PF3ONS** – 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid
- ADONA** – 4,8-Dioxa-3H-perfluoro-nonanoic acid
- GenX** – Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)
- Health Advisory Level (HAL)** – To provide Americans, including the most sensitive populations, with a margin of protection from a lifetime of exposure to GenX, PFBS, PFOA and PFOS from drinking water, EPA established health advisory levels. Current lab capabilities do not allow for the detection of PFOS and PFOA at the HAL.
- N/A** - Not applicable
- ND (No Detect)** - No detection means the constituent is not detectable at the minimum reporting limit.
- NEtFOSAA** – N-ethyl perfluoro-octanesulfonamidoacetic acid
- Ng/L** – Nanograms per liter (ng/L) which equals Parts per trillion (ppt) – One part per trillion corresponds to one minute in 2,000,000 years, or a single penny in \$10,000,000,000.
- NMeFOSAA** – N-methyl perfluoro-octanesulfonamidoacetic acid
- PFBS** – Perfluorobutanesulfonic Acid
- PFDA** – Perfluoro-decanoic acid
- PFDoA** – Perfluoro-dodecanoic acid
- PFHpA** – Perfluoro-heptanoic acid
- PFHxA** – Perfluoro-hexanoic acid
- PFHxS** – Perfluoro-hexanesulfonic acid
- PFNA** – Perfluoro-nonanoic acid
- PFOA** – Perfluorooctanoic Acid
- PFOS** – Perfluorooctane Sulfonate
- PFTeDA / PFTA** – Perfluoro-tetradecanoic acid
- PFTTrDA** – Perfluoro-tridecanoic acid
- PFUnA** – Perfluoro-undecanoic acid