Per and Polyfluoroalkyl Substances (PFAS)

What are PFAS?

Per and polyfluoroalkyl substances (PFAS) are a class of man-made chemicals used in common product applications such as waterproof and stain proof fabrics, nonstick cookware, some food packaging materials and fire suppression foam. The PFAS chemicals have been manufactured and used by a broad range of industries since the 1940s due to their unique physical properties such as resistance to high and low temperatures, resistance to degradation and nonstick characteristics. PFAS chemicals have been detected worldwide in the air, soil and water.

Our wastewater facility continues to comply with the EPA and NCDEQ requirements that have been established for PFAS in wastewater. Our facility will monitor for PFAS as directed by our NPDES permit. Our staff is vigilant in staying informed of new regulations for the PFAS chemicals and will strive to meet all requirements that are forth coming.

POTW: City of Graham
NPDES #: NC0021211

Analyte Name	Date Collected	Clarifier Effluent Grab * (ng/L)	Sludge Holding Tank* (ng/g)
11 Cl-PF3OUdS	9/23/2024	ND	ND
3:3 FTCA	9/23/2024	ND	ND
4:2 FTS	9/23/2024	ND	ND
5:3 FTCA	9/23/2024	ND	ND
6:2 FTS	9/23/2024	ND	ND
7:3 FTCA	9/23/2024	ND	ND
8:2 FTS	9/23/2024	ND	ND
9Cl-PF3ONS	9/23/2024	ND	ND
ADONA	9/23/2024	ND	ND
HFPO-DA	9/23/2024	ND	ND
NEtFOSAA	9/23/2024	ND	ND
NEtFOSA	9/23/2024	ND	ND
NEtFOSE	9/23/2024	ND	ND
NFDHA	9/23/2024	ND	ND
NMeFOSAA	9/23/2024	ND	ND
NMeFOSA	9/23/2024	ND	ND
NMeFOSE	9/23/2024	ND	ND
PFBS	9/23/2024	ND	ND
PFDA	9/23/2024	ND	ND
PFHxA	9/23/2024	ND	ND
PFBA	9/23/2024	ND	ND
PFDS	9/23/2024	ND	ND
PFDoS	9/23/2024	ND	ND
PFEESA	9/23/2024	ND	ND
PFHpS	9/23/2024	ND	ND
PFMBA	9/23/2024	ND	ND
PFMPA	9/23/2024	ND	ND
PFNS	9/23/2024	ND	ND

PFOSA	9/23/2024	ND	ND
PFPeA	9/23/2024	ND	ND
PFPeS	9/23/2024	ND	ND
PFDoA	9/23/2024	ND	ND
PFHpA	9/23/2024	ND	ND
PFHxS	9/23/2024	ND	ND
PFNA	9/23/2024	ND	ND
PFOS	9/23/2024	ND	ND
PFOA	9/23/2024	ND	ND
PFTeDA	9/23/2024	ND	ND
PFTrDA	9/23/2024	ND	ND
PFUnA	9/23/2024	ND	ND

* Sample analyzed by a commercial laboratory by the EPA 1633 Method