

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 CI-PF3OUdS	12/4/2024	ND	ND
3:3 FTCA	12/4/2024	ND	ND
4:2 FTS	12/4/2024	ND	ND
5:3 FTCA	12/4/2024	ND	ND
6:2 FTS	12/4/2024	ND	ND
7:3 FTCA	12/4/2024	ND	ND
8:2 FTS	12/4/2024	ND	ND
9CI-PF3ONS	12/4/2024	ND	ND
ADONA	12/4/2024	ND	ND
HFPO-DA	12/4/2024	ND	ND
NEtFOSAA	12/4/2024	ND	ND
NEtFOSA	12/4/2024	ND	ND
NEtFOSE	12/4/2024	ND	ND
NFDHA	12/4/2024	ND	ND
NMeFOSAA	12/4/2024	ND	ND
NMeFOSA	12/4/2024	ND	ND
NMeFOSE	12/4/2024	ND	ND
PFBS	12/4/2024	8.1	ND
PFDA	12/4/2024	1.2	ND
PFHxA	12/4/2024	46	ND
PFBA	12/4/2024	31	ND
PFDS	12/4/2024	ND	ND
PFDoS	12/4/2024	ND	ND
PFEESA	12/4/2024	ND	ND
PFHpS	12/4/2024	ND	ND
PFMBA	12/4/2024	ND	ND
PFMPA	12/4/2024	ND	ND
PFNS	12/4/2024	ND	ND

PFOSA	12/4/2024	ND	ND
PFPeA	12/4/2024	51	ND
PFPeS	12/4/2024	ND	ND
PFDoA	12/4/2024	ND	ND
PFHpA	12/4/2024	14	ND
PFHxS	12/4/2024	3.1	ND
PFNA	12/4/2024	2	ND
PFOS	12/4/2024	5.1	ND
PFOA	12/4/2024	15	ND
PFTeDA	12/4/2024	ND	ND
PFTrDA	12/4/2024	ND	ND
PFUnA	12/4/2024	ND	ND

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