SEMINOLE COUNTY
FLORIDA'S NATURAL CHOICE

THE FIFTH UNREGULATED CONTAMINANT MONITORING RULE (UCMR5) - SOUTHWEST SYSTEM

Purpose : To collect occurrence data for contaminants suspected to be present in drinking water but that do not have health-based standards set under the Safe Drinking Water Act. Southwest Water Treatment Plant has been monitoring these unregulated contaminants as part of a study to help the US Environmental Protection Agency determine whether or not these contaminants need to be regulated. The UCMR program is the primary source of drinking water contaminant occurence data used by EPA in regulatory determinations. If you would like more information on the EPA's Unregulated Contaminants Monitoring Rule, please call the Safe Drinking Water Hotline at (800) 426-4791.

In 2023 Seminole County Utilities Department sampled for a series of unregulated contaminants, including 29 PFAS compounds (per- and polyfluoroalkyl substances) and one metal, Lithium per EPA's UCMR5 requirement. Sample results showed no detectable quantities for any of the 29 PFAS compounds or Lithium. You have a right to know this data is available. Unregulated contaminants do not yet have a drinking water standard. This monitoring will help determine whether the contaminants should require on-going testing and establish allowable maximum contaminant limits. Table below is the UCMR5 results for the Southwest System.

https://www.seminolecountyfl.gov/departments-services/utilities/water/

Contaminant/Analyte	Date of Sampling (mo/yr)	Level Detected	Minimum Reporting Level (MRL)	Likely Source of Contamination
Lithium	3/23 - 9/23	< MRL	9.0 ug/L	Per- and polyfluoroalkyl substances (PFAS) are a class of chemicals that have been used in industry and consumer products for decades, and they continue to be used today. Certain PFAS, such as PFOA and PFOS, do not breakdown in the environment, can build up in living things, and can adversely impact human health and the environment.
11Cl-PF3OUdS	3/23 - 9/23	< MRL	0.005 ug/L	
4:2 FTS	3/23 - 9/23	< MRL	0.003 ug/L	
6:2 FTS	3/23 - 9/23	< MRL	0.005 ug/L	
8:2 FTS	3/23 - 9/23	< MRL	0.005 ug/L	
9Cl-PF3ONS	3/23 - 9/23	< MRL	0.002 ug/L	
ADONA	3/23 - 9/23	< MRL	0.003 ug/L	
HFPO-DA	3/23 - 9/23	< MRL	0.005ug/L	
NFDHA	3/23 - 9/23	< MRL	0.02 ug/L	
PFBA	3/23 - 9/23	< MRL	0.005 ug/L	
PFBS	3/23 - 9/23	< MRL	0.003 ug/L	
PFDA	3/23 - 9/23	< MRL	0.003 ug/L	
PFDoA	3/23 - 9/23	< MRL	0.003 ug/L	
PFEESA	3/23 - 9/23	< MRL	0.003 ug/L	
PFHpA	3/23 - 9/23	< MRL	0.003 ug/L	
PFHpS	3/23 - 9/23	< MRL	0.003 ug/L	
PFHxA	3/23 - 9/23	< MRL	0.003 ug/L	
PFHxS	3/23 - 9/23	< MRL	0.003 ug/L	
PFMBA	3/23 - 9/23	< MRL	0.003 ug/L	
PFMPA	3/23 - 9/23	< MRL	0.004 ug/L	
PFNA	3/23 - 9/23	< MRL	0.004 ug/L	
PFOA	3/23 - 9/23	< MRL	0.004 ug/L	
PFOS	3/23 - 9/23	< MRL	0.004 ug/L	
PFPeA	3/23 - 9/23	< MRL	0.003ug/L	
PFPeS	3/23 - 9/23	< MRL	0.004 ug/L	
PFUnA	3/23 - 9/23	< MRL	0.002 ug/L	
NEtFOSAA	3/23 - 9/23	< MRL	0.005 ug/L	
NMeFOSAA	3/23 - 9/23	< MRL	0.006 ug/L	
PFTA	3/23 - 9/23	< MRL	0.008 ug/L	
PFTrDA	3/23 - 9/23	< MRL	0.007 ug/L	