



# Department Report

Report Title: Water & Wastewater Treatment Department Report August 2024

Report Highlight: Drinking water regulations have been changing majorly in the last decade. One hot topic is the PFAS (Per-, and Polyfluoroalkyl Substances) requirement that is about to be handed down to every water system in Georgia. This impurity is also known as the “forever chemicals”. They are chemicals that contain the fluorine ion that doesn’t compound naturally in the environment and breakdown very slowly. They are/were used in the waterproofing, non-stick, and firefighting industries as well as others. The EPA (Fed Gov’t) chose our water system back in 2022 to perform testing for this substance. Results from our quarterly sampling, which started this calendar year, has shown that we do not have any trace of PFAS in our drinking water at this time. That being said, when the State EPD regulations go into effect in the near future, our water system shouldn’t have any issues meeting the requirements so long as our watershed that is supplying our needs doesn’t turn into an industrial, high-density community.

Name and Title: John Jarrard, Water/Wastewater Treatment Director

## Recently Completed

- Replaced oil separator on Compressor A at WTP
- Replaced In-line pH probe in lab
- Drawdown test on Music Park Lift Station
- Watershed samples collected
- Routine preventive maintenance on all motors and pumps at WTP
- Repaired fuel sensor on generator at Koyo Lift Station
- Collected and delivered TTHM/HAA samples to state lab
- Repaired leak in Chlorine Dioxide supply line
- Replaced float sensor on SBR #2
- Unstopped Pump 2 at Ranger Lift Station
- Repaired PLC on the generator throw-switch at WTP

## Underway:

- Retaining wall pricing for Wimpy Mill Lift Station
- Caustic Tank valve repair at WWTP
- Air Supply Line repair on Rack #3 at WTP
- Repairs to pump #1 at Pizza Hut Lift Station
- Wastewater Feasibility Study on Porter Village/Summit Area of town

## Near Term:

- Refurbishing Fluoride System at WTP
- Air end rebuild to Compressor #2 at WTP
- Lime Tank Installation at WWTP