Department Report

Report Title: Water & Wastewater Treatment Department Report March 2023

Report Highlight: Repairs to the aerator on the digestor are finally complete. The replacement motor was delivered quickly after the order was sent but providing a crane to remove the unit took a considerable amount of time. Both facilities have been hit with a lot of high-priced unexpected repairs this fiscal year. This will be addressed in the FY2024 Budget Proposal along with updated pricing on capital items which is being developed at this time. The water and wastewater treatment field has seen major increases in repair and replacement parts like most other industries have been experiencing. Employees at both facilities are always looking for better ways to improve the life cycle of machinery and more efficient ways of operations.

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

Recently Completed

- Replaced aerator motor in Digester Tank #1
- Repaired pressure transmitter on reuse system
- Rebuilt Feed Pump #1 motor
- Replaced VFD on Feed Pump #2
- Georgia Power replaced fuses to Koyo Lift Station
- Replaced Backwash Pump #1 at WWTP
- Replaced HMI Screen on Sodium Hypochlorite Generation System
- Repairs to Chlorine Dioxide piping system
- Installed new security gate at WTP
- Annual Safe Dam Report

Underway:

- Lime Feed System Design (Turnipseed Engineering) at WWTP
- Repairs to the Walmart Tank Altitude Valve
- Repairs to augur on the barscreen system
- Repairs to Floc Tank #1 Pressure Probe
- Replacing both filters and rehabbing backwash piping on both wastewater filters
- Rehab work on Barlow Lift Station (W.L. Griffin Contractors)
- Watershed Sampling at three locations
- Budget Proposal for FY2024 and Five-Year Capital Item List

Near Term:

- Discharge Permit for the WWTP
- Consumer Confidence Report for Calendar Year 2022
- Kenimore Lift Station Rehab (In-house work)
- EPD Sanitary Survey on the Water Treatment Plant and Distribution System