



## WASTEWATER TREATMENT ACTIVITY BRIEFING OCTOBER 2025

- A call alarm at Millpond indicated a low battery. Terry responded and replaced the battery; the system is now functioning properly.
- A call alarm was received after hours from the Millpond lift station, indicating a low battery and a high float condition. The situation was monitored overnight. The following day, Terry and Joe responded to the site to pull the pump and prepare for the installation of a new grinder pump that is currently on order. Upon inspection, both pumps were found to be clogged, and the water level had risen to less than 5 feet from overflow. Mike Baker was called in to assist with lowering the water level and gaining access to the pumps. Once the pumps were cleaned, they were reinstalled, and the system is now operating normally.
- Cummins completed all necessary repairs on the generator. It is now fully operational.
- Parts arrived for the UVT channel, including flex boards and fuses, which were installed into the Xylem system. Initially, only one bank was functioning and showing low dosage. The second bank appeared to have underlying issues following a power surge. A Wedeco technician was scheduled to assess the damage. Upon inspection, the technician noted availability only at the end of November. A new flex board and fuses were installed, resolving the immediate issue. However, further inspection revealed corrosion in the paneling due to moisture. A quote is being prepared for a future technician to address the repairs.
- Due to ongoing UVT issues, the plant has been using chlorine and bleach to maintain permit compliance. Unfortunately, a violation occurred when the 7-day average for fecal coliform exceeded 400. Since then, the team has maintained regular orders of 12.5% sodium hypochlorite (chlorine) and 40% sodium bisulfite (bleach) to ensure continued compliance until the UVT channel is fully repaired.
- With downtown construction nearing completion and flows significantly reduced, the plant transitioned to operating with one ditch and one clarifier. The clarifier had become clogged due to low flow failing to push solids through. On October 4th, Terry began draining the south ditch and transferring flow to the north side. After nearly two weeks and with about two feet left to drain, solids settled at the bottom below the aeration flappers. Fresh water has been added to help loosen the solids.
- Polymer for the sludge press was ordered, delivered, and properly stored.
- During preventive maintenance, the air release valve on the T10 in the headworks building was found to be malfunctioning. The issue was traced to the flapper valve on pump two. No spare valves were available, so two were ordered—one for immediate replacement and one for inventory.
- Annual calibrations were completed for both influent and effluent meters. All readings were within expected parameters.
- The facility completed 144 preventive maintenance work orders. These ranged from routine equipment checks to complex repairs requiring significant labor.