



## WASTEWATER TREATMENT ACTIVITY BRIEFING JUNE 2025

- The facility underwent thorough cleaning, with the UV room swept and mopped, and dirt cleared from the barn, headworks, and shop. Additionally, the headworks wet well was cleaned out to ensure continued efficiency.
- Several alarm calls were received from the Millpond Lift Station. Due to being out of the office, Terry consulted DPW Mike Baker, who determined that an electrician was needed. Upon inspection, the electrician identified a failed transducer. A replacement transducer was promptly ordered from Gasvoda and Associates, and Electric Maintenance and Construction installed the new unit. This resolved the issue, restoring normal operations at Millpond.
- With ongoing construction, contractors scheduled a sewer line cleanout on Schimmer Parkway in preparation for repaving the road. This will improve infrastructure and ensure proper drainage.
- The ferrous tank was nearing depletion, reaching a level below three feet. A new supply was ordered, delivered, and inspected, with a sample taken for observation. The 4,500 pounds of iron were successfully pumped into the tank.
- An alarm was triggered for an over-temperature issue at the Glacier Lift Station. A backflush was performed on pumped two to remove the rag ball and upon further inspection, Terry determined that the fuel filter required replacement. The filter was changed the next day, resolving the issue and restoring the pump to normal function.
- The wastewater facility welcomed a part-time worker for the summer months; they have been assisting us with lawn care and other small projects.
- As algae growth accelerates in warmer weather, the clarifier water level was lowered to facilitate cleaning. The arms and weirs were thoroughly cleared of algae buildup, which was then disposed of in the dumper.
- Crews worked along the fence line near the wooded area and creek to clear limbs and debris. Fallen branches were gathered from the surrounding property, loaded into a truck bed, and transported to the cemetery for proper disposal. This effort improved site safety and aesthetics while preventing potential obstructions or hazards.
- Due to ongoing construction E. coli levels were above normal range, so grab samples were collected at five locations along Buchanan Creek to monitor E. coli levels. The samples were sent to Stevensville for testing, which confirmed a decrease in E. coli numbers compared to the initial sampling.
- A flapper valve replacement was performed at the headworks building after noticing higher-than-usual pump runtime. Following the replacement and an adjustment to the pump's rotating assembly, operations returned to optimal efficiency.
- Sludge was successfully removed from the drying beds and loaded into a dumper. This process was carried out to maintain the cleanliness and efficiency of the beds by preventing debris buildup. The operation was completed without issue, leaving the beds clear and ready for continued use.
- A power outage triggered an alarm at the Glacier lift stations. Upon inspection, it was found that Pump 1 had become clogged with a rag ball. The wastewater crew promptly responded, pulled the pump, and cleared the obstruction. After reinstallation, the pump was tested and found to be operating normally, restoring full functionality to the lift station.
- In addition to the major events listed above, the plant conducted 157 Preventative Maintenance (PM) work orders, covering tasks ranging from routine equipment inspections to significant repairs requiring extended labor.