



WASTEWATER TREATMENT ACTIVITY BRIEFING NOVEMBER 2025

- On November 6, Terry and Zoey completed the D License Certification Test in Grand Rapids at the DoubleTree by Hilton, administered by Environment Great Lakes and Energy (EGLE).
- On November 12, Zoey attended a lab practice seminar at Eagle Eye in East Lansing, hosted by the Michigan Water Environmental Association (MWEA).
- All lift stations were cleaned of debris, as well as fat, oil, and grease.
- The south clarifier has been mostly drained. Additional cleaning was performed to remove scum from the arms and bottom in preparation for colder months.
- Terry obtained quotes for plow supplies to address several necessary repairs and ensure the current equipment remains operational. These repairs will be completed early next month, ahead of the winter season. By prioritizing maintenance now, the existing plow can continue to serve effectively for the next few years before a new purchase is considered.
- At the Millpond Lift Station on the 13th, Terry and Joe pulled Pump 2 to remove bolts and nuts, making adjustments to assist with the installation of the new grinder pump.
- The lift stations were cleaned of fats, oil and grease (FOG) to maintain the integrity of the wet wells and ensure they remain fully functional.
- Parts for the UVT channel were ordered and successfully delivered to the plant a few weeks ago. Upon arrival, it was discovered that the shipment did not include instructions. To ensure proper assembly and avoid potential issues, Mike Baker contacted Xylem directly to request more comprehensive guidance. The company has since provided the necessary instructions, and with this information now available, the installation of the new UVT channel components is scheduled for early next month.
- An issue arose with the BOD probe, which was taking a long time to stabilize even after some parts were replaced. Fortunately, a spare probe was available in storage and could be used. During this time, Zoey worked with Hach technical support to troubleshoot the problem. It was determined that the program needed to be reset, and once that was completed, the system returned to normal operation.
- The PFAS POTW Effluent Monitoring Report was submitted this month, as PFAS testing is conducted quarterly through MiEnviro.
- Groundskeeping was completed with leaf removal across the property.
- Driveway markers were installed to prepare for winter snow plowing.
- The yard was mowed one final time for the season.
- A quote was obtained with parts ordered to repair the plow in advance of winter operations, ensuring readiness before eventually replacing it with a new one.
- Conducted preventive maintenance at the lift station, including replacement of the annual mouse repellent to ensure animals do not enter the cabinets.
- Cleaned and sprayed down the headworks wet well to support ongoing maintenance and operational efficiency.
- The facility completed 157 preventive maintenance work orders. These ranged from routine equipment checks to complex repairs requiring significant labor.