



WASTEWATER TREATMENT ACTIVITY BRIEFING DECEMBER 2025

- On December 1st, the polymer pump head was replaced and a cracked rubber hose was repaired.
- The plow assembly also received attention, with repairs made to the broken A-frame and pivot bar.
- The landfill underwent its annual quality-assurance inspection. Looking ahead, a pilot program to reduce PFAS will begin in January, which will support a review of the Industrial Pretreatment Program to ensure regulatory limits continue to be met.
- On December 3rd, Mike Baker, Terry, and Joe shut down the UVT system to repair damage caused by the September 21st power surge. They replaced a board and several bulbs, restored the system to full operation, and cleaned the bulbs after months of buildup. A routine cleaning schedule will now be followed to extend bulb life. While cleaning Bank A, a worn wiper blade was discovered and is being replaced.
- Both Post lift station pumps defaulted due to low water levels in the well. Joe responded and shut the system down until water levels recovered, allowing normal operation to resume.
- On December 11th, the empty chlorine drum was removed from the dosage feed system now that the UVT system is fully operational.
- The Health Department completed its annual inspection to verify compliance with EGLE regulations for septage receiving.
- During recent sub-zero nights, operators have been checking the plant after hours to prevent freezing issues.
- Due to low levels in the ferrous holding tank, 4,500 gallons were ordered from PVS Technology, with delivery on the 19th of December.
- As part of annual documentation updates, Safety Data Sheets and the Storm Water Pollution Prevention Plan were revised, and the SWPPP was finalized ahead of the January 10th deadline. Quarterly visual assessments were also completed.
- Terry successfully completed his Department of Transportation physical, confirming his ability to operate required equipment
- Terry been coming in early to plow the parking lot and drive to maintain cleanliness and ensure truck access.
- Additional UV channel issues were identified later in the month. After consulting with Wedeco, they recommended performing a deep clean, even though the system had been cleaned just a week earlier. At that point, Terry recalled that the bulbs had accumulated more than 14,000 operating hours. As a result, the team began replacing the bulbs in Bank B, which had exceeded the recommended service life and were losing effectiveness. Only 20 replacement bulbs were available in inventory, though 24 are required for a full changeout. During the replacement process, two broken bulbs were discovered in Section 3 of Bank B. Additional bulbs will need to be ordered both to complete the replacement and to ensure an adequate stock is maintained moving forward.
- The facility completed 162 preventive maintenance work orders. These ranged from routine equipment checks to complex repairs requiring significant labor.