



Department Report

Report Title: Water & Wastewater Treatment Department Report July 2024

Report Highlight: The water plant went through its follow-up inspection from the Sanitary Survey. The EPD Inspector found all corrective actions that were addressed in the previous inspection to be corrected and no other items were listed as being deficient. With the growth around the north-east side of our sewer collection system, we are asking Turnipseed Engineering to perform a feasibility study that will help us determine what options we have in collecting the wastewater from that area. In a collection system with lift stations, we need to ensure that all the piping and pump stations can handle the flows during peak times. When stations are in series of each other, we always need to make sure that stations that are downstream can handle the extra flow from new development that is currently being built as well as the future development for those areas. We are confident that the stations can handle the current permitted housing but other developments may come to the area that will put a larger flow into the system. These studies make us more proactive rather than reactive to growth in the water and wastewater systems.

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

Recently Completed

- Replaced all the computers at WWTP
- Repaired Pump #2 at Ranger Camp Lift Station
- Replaced drive motor on bar screen
- DMR-QA tests completed and results sent to state
- EPD Follow-up inspection of Water Plant
- Replaced sensor on chlorine generator
- Serviced generator at water plant and raw water intake
- Replaced In-line probe in WTP Lab

Underway:

- Retaining wall design for Wimpy Mill Lift Station
- Caustic Tank valve repair at WWTP
- Air Supply Line repair on Rack #3 at WTP
- Replace quill on Feed Pump B at WTP
- Repairs to generator throw switch PLC

Near Term:

- Refurbishing Fluoride System at WTP
- Air end rebuild to Compressor #2 at WTP
- Porter Village Lift Station Rehab (In-house work)
- Lime Tank Installation at WWTP (if Council Approves)
- Feasibility Study on the North-East side of the collection system