



Department Report

Report Title: Water & Wastewater Treatment Department Report May 2024

Report Highlight: The Barlow Lift Station has been dealing with issues of corrosion since it went through its rehab work. Hydrogen Sulfide levels have increased so high that the station is dealing with heavy corrosion on all the metal and concrete surfaces. With the help of Flygt, their technician has been performing air and water sampling to investigate where the problem is coming from. Hopefully we can trace this down to an easy fix at one of our customers discharge before the city has to look into spending money on an air filtration system or chemical addition to the collection system. Both Departments are currently working on their operating and capital budgets for Fiscal Year 2025.

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

Recently Completed

- Repaired portable generator for the lift stations
- Repaired transformer at Wimpy Mill Lift Station
- Replaced chemical line to Citric Tank Pressure Transmitter
- Replaced expansion coupling on Feed Pump C
- Replaced DC power supply at Barlow Lift Station
- Serviced generators at the WTP, Raw Water Intake and CM Pump Station
- Replaced flow transmitter on CIP Chlorine Line
- Replaced valve and actuator on Rack #2
- Washed UV System and replaced blown bulbs at WWTP
- Placed blowers in service at the High School Lift Station
- Water Conservation Plan Updated

Underway:

- Air and liquid sampling for Hydrogen Sulfide in parts of the sewer collection system
- Replacement of submersible pump at the Porter Village Lift Station
- Repairs to wiring on both mixers in SBR Basin #2
- Caustic Tank valve repair at WWTP
- Air Supply Line repair on Rack #3 at WTP
- Replace quill on Feed Pump B at WTP
- W.E.T. sampling on the WWTP Effluent Water

Near Term:

- Kenimer Lift Station Rehab (In-house work)
- Air end rebuild to Compressor #2 at WTP
- Porter Village Lift Station Rehab (In-house work)
- Retaining wall installation at Wimpy Mill Lift Station
- EPD Follow-up Inspection of the Water Plant