



WATER/WASTEWATER REPORT 4TH QUARTER 2022

1. Effluent Flowmeter needs moved to outlet of pond per IDEM, I am estimating this to be around \$20,000, but I do not have any quotes yet.
2. Lagoon Cleaning is complete, cost was \$23K. This cost was almost double of what I have been told. BFU told me it was because it has not been done in such a long time, the sludge build up was a challenge. We will put this on a 5-year schedule and put it in the budget. At 5 years, it should be less than \$10,000.
3. Wastewater Tank was emptied and inspected. I wish we could have aligned this with a wall thickness inspection, but it happened without my knowledge. According to our Waste treatment operator, Wendi, "Good! No rust, no paint chips, ¼ in sediment in bottom but nothing needing addressed anytime soon. Could use a power washing thou"
 - a. See attached pictures
4. Main water tank inspection is complete, have not seen the report. We are good for another 4 to 5 years before next inspections.
5. Ziptility and Bynum Fanyo Utilities have completed the "Capital Improvement Plan," It highlights improving the water treatment plant, replacing water mains, repairing/upgrading lift stations and replacing blower/chemical building, adding backup blower, and adding water hydrant. It also gives us rough pricing on these items and timeframes to adhere to. This should be considered a living document and be changed as things are complete or arise.
 - a. This was completed at no cost, but I am sure Ziptility will be presenting a maintenance program to keep it up to date as well as detailing workorders, etc.
6. We should use the Capital Improvement Plan as our path to get things accomplished and set reserve funds based on the data that is presented in the plan. According to our Covenants, "...which replacement reserve fund shall not be used for purposes and not for usual and ordinary repair expenses."
7. One thing that has not been accounted for in our budget is that the instrumentation at the treatment plants need to be put on a regular schedule. For example, the turbidity meters in the water treatment plant, two of them, need calibrated at least two times per year, the chlorine analyzer needs monthly cleaning/calibration as well as the chemical pumps. The flowmeter at the Sewer plant needs calibrated once a year. I would like BFU to do this, but when they do not, we get dinged by IDEM. Maybe the Ziptility program will track and monitor this.

- Smithville Telephone got into the Sewer Plant power line. It has been since fixed. From what I understand, it took 24 hours to fix, but this was when the lagoon was being cleaned, so nothing was affected.



