



## WATER/WASTEWATER REPORT 2ND QUARTER 2023

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The remote monitoring tank level plc (Programmable Logic Controller) has been returned under warranty is online. I don't believe it is as accurate as it needs to be but I'm working on getting that resolved by taking an infrared camera to the tank and getting the exact fullness and programming the plc for correct levels.

BFU, Inc. still hasn't provided us with any meter reads. I had them put this in the contract, but it hasn't seemed to help. Dan has told me he has the numbers ready to be put into a spreadsheet, but any meters that I have looked at, mine and Grogg's, have had a layer of mud over the face, indicating they haven't been read.

I believe there is a leak somewhere in our system. In January 2023, according to Dans MRO (Monthly Report of Operations) he made 110,000 gallons of water. According to (my poor records) past meter reads, in January 2018 we used 52,000 gallons of water. In July 2020, we used 103,000 gallons of water. I don't think there is any way we are using this much water. I discussed these exact details with Jeff Farmer and he doesn't think there is a leak.

**UPDATE:** I reached out to Jeff, Wendi and Dan asking if there is anything that I need to report and Jeff Farmer just replied, "I have nothing currently. I will check and see why the meter readings are not being done. After looking at the water production the last several months I believe there is a water leak somewhere."

BFU replaced the flowmeter that reports the water that is being pulled from the Lake. We report this flow total to DNR. I told Jeff Farmer that it is imperative that they get the reading from the failed meter so we can back calculate the water usage for DNR's report. He assured me that it would be.

Bette and Carl have gotten a porta potty at the water plant. I'm sure this made the operators happy. Thanks for taking care of this!

I have worked on the Chlorine monitor and feel like it is in perfect working order. Like any type of instrumentation, it needs some maintenance. I don't believe that BFU has the experience or knowledge to do this type of work. I will get a quote from several companies on calibrating the Turbidity meters and chlorine meters on an ongoing basis.

The following email was sent by Norm WeWetzer commenting on our operators.

*This photo was taken today, I think you recognize the tank, my grandson is the subject (on Spring break).*

*Notice the dark vs light area on the tank. That is the tank level. Over the winter a large ice donut*

*develops in the tank which cools the tank water and leads to condensation on the tank wall. Whoever is doing your water production may not be keeping the tank level at appropriate levels based on what this indicates.... Just sayin!*

*Hope all else is well!*



*Norm*

I need to install some type of aerator in the lagoon. I will order and install with permission from Wendi. Approximate cost will be \$500.00. The last one I put in was removed and destroyed or lost during lagoon cleaning.

Jeff Farmer indicated that one of the pumps in the lift station at the WWTP has failed. I asked for the serial number because I thought this had already been replaced. He sent me the serial number from the failed pump and my records (his invoices), show we replaced this last year. He said he would pull the pump when they are out next to confirm serial number. I stressed the importance of record keeping. I don't want to pay for something that is not getting done or invoiced twice. Bottom line is the pump needs replaced at a cost of about \$6000.00.

All tank inspections are up to date, but the main tank needs some exterior maintenance (power washing, concrete sealing) and the interior needs the bottom cleaned out. I will get estimates and plan this in the Fall after boating season.

I want to thank everybody that has been part of Carl's initiative to get the water and waste treatment plants replaced. I have been extremely busy at work and have not had time to participate. I'm sure everyone is learning a lot and am looking forward to their reports.