

## **Joy, IL August 2022 Council Report**

### **Water System**

We have performed two shock chlorinations to Well 2. Our last set of samples passed. Considering how long the samples have been failing, we are going to run a few more sets of tests just to be sure that everything is continuing to come back safe. Once we get a few more rounds of clean samples, we plan to put Well 2 back online. That said, as I mentioned in the previous report, Well 2 is not running at full capacity. Tri-City Electric will be onsite next week to bypass the VFD so we can check motor amperage without the VFD. If the amps are running too high at full speed, we will have to pull the pump/motor assembly and most likely replace it. I'll keep the village up to speed as we do the work.

Kurita has agreed to replace the brine flow meter. As soon as I receive it, I will install it. This should put an end to the constant brine flow alarms that we receive on a daily basis.

I have adjusted the regeneration rate for the softeners. This will take a little time to get exactly right, but I'm trying to get the maximum run time through the softeners before we have to regenerate. This will help with the amount of salt that we use on a daily basis. I'd imagine that by next council meeting, we'll have things dialed in pretty well.

Thanks to Brad for flushing hydrants. Most hydrants came back pretty clean with only a couple of hydrants showing any signs of dirty water. It is great that the system is that clean.

The village had a quarterly nitrate sample that was due. That has been taken and submitted.

Paperwork has been submitted to the EPA approving us as the operators of the system. I've also gotten clearance for NetDMR to submit the village's wastewater reports.

### **Wastewater System**

Nothing to report, everything is running fine currently.

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