

# Water Treatment Plant Monthly Report

July 2024

1. Raw water quality was good for July. The raw water temp increased to around 75F. The operators responded as expected and produced good quality water.
2. We continue to work on WIIA I and WIIA II grants. We are receiving submittals for the 21-1ER contract. The 21-2 Tank prep and demo contract is complete. The 21-2T contract is being manufactured and submittals are being reviewed. We have received submittals for Contract 21-1G. The pumps have been ordered.
3. Fluoride dosing began on June 12<sup>th</sup> @ a feed rate of 0.7 mg/L. Keeler's Construction has completed all outstanding items. We are awaiting LaBella to approve the final closeout of work.
4. We have changed out all Badger endpoints. All meters are reporting with the exception of Wilson Rd @ Rt 18 in Carlton. This meter has shown an endpoint tamper code which indicates something wrong with wiring or an issue with the meter signal. As it turns out, when the meter was attempted to be read on August 1<sup>st</sup>, the meter was dead. Essentially, all usage for the month of July was unregistered and un-billed. The meter was replaced and the endpoint re-programmed and is performing as expected at the time of this writing.
5. We are still experiencing drastically increased water demand for this time of year. We pumped approximately 20% more water this June compared to last year. Q4 of 2023 we had 25.5% water loss in the village. Operators are burning out as weekend nights are getting tough to cover. Jeremy Graham has spent roughly 2/3 of his hours operating to cover shifts rather than on maintenance.
6. The River Crossing "Emergency Repair" has hit yet another road block. We were informed that DOT is planning to replace the bridge in 2028 and their foundation structures will be very close to the location of the existing/proposed water main. We are working with Wendel to get this issue resolved.
7. On July 7<sup>th</sup>, We had Scuba Services dive the intake to set the Buoy and perform an inspection. We received a nice video of the dive showing conditions of things. We are getting quite a bit of Zebra Mussel buildup in at the end of the intake.
8. On July 13<sup>th</sup>, We declared an Emergency condition due to low water storage and increased usage. The Emergency was declared due to an unwillingness to voluntarily stay for overtime. Per the contract, an emergency declaration can mandate overtime.
9. On July 22<sup>nd</sup>, We received quotes from Koester Associates for replacement filter tips and to replace Low Service Pump #3. I am awaiting an updated quote as the quote pump differed from what we have in use currently and also called for a 30 hp motor rather than the existing 25 hp.

