



NAME: DEAN LINDSEY

Department: HYDRO/DAM/WWTP

REPORT DATE:

CLOSE OUT MONTH:

PREPARED FOR:

01 November 2021

October 2021

Town Manager

I. REVENUE

Top 5 Months of Revenue

Rank	Year	Month	Revenue
1	2016	January	\$124,215.00
2	2013	July	\$114,057.00
3	2013	August	\$109,521.00
4	2019	January	\$108,199.00
5	2019	February	\$107,935.00

**2021-2022 Budget Year Revenue
Red Denotes Off Peak Months**

July	392,317 KWH	\$33,765.71
August	435,040 KWH	\$32,829.40
September	519,541 KWH	\$42,545.78
October	Report Not Received from Duke Energy	\$46,696.27
November		
December		
January		
February		
March		
April		
May		
June		
TOTAL:		\$155,837.16

II. GENERATOR RUN TIMES & LAKE LEVELS

Generator # 1 (Small Unit) = 220 Hours

Generator # 2 (Big Unit) = 85 Hours

Minimum Recorded Lake call in Level = 34.00 Inches

Max Gate Opening = 1 Feet Cumulative (Daily Maintenance)

III. SIGNIFICANT WEATHER EVENTS & RAIN ACCUMULATION

- The Weather was cooperative with our run schedule.

IV. SCHEDULED MAINTENANCE AND IMPROVEMENTS

- Replaced Battery for DC Excitation Circuit @ Hydro plant.
- Continued Cleaning at WWTP to remove obsolete items.
- Prepping parts for WWTP Mixer motor and gearbox project.
- Water line for WWTP office hut had to be abandoned due to breakage under slab. Still in process of running new piping for facility. Sink is operational. During renovation found excessive termite damage and mold issues. Repairs have been added to list.
- WWTP Bar Screen hydraulic motor has been tripping breaker. Contactor has been replaced with new and is working as should.
- WWTP Chem room Roofing had been damaged from weather events. Patched and installed new ridge vents.
- WWTP Chemical room upfit progress report. 1 tank left to be drained and removed. Interior Masonite walls have been removed, Piping and pumps removed, up next is rewiring the Chem room, sealing floors, installing tanks, and plumbing for our process.
- Completed Sludge trials with a lot of positive results. Awaiting on trial data from manufacturer so we can analyze and determine next steps for our sludge management. A big attaboy for the help from the public works team. I couldn't have done this without their help for setting up the site and operations for the trial.
- The Flow Monitor for the WWTP had a probable surge and control board was unresponsive. Replaced with new flow monitor and ultrasonic sensor. Will send old unit out for repair and if it can be repaired economically, we will keep it for our spare.
- The Well pump for the WWTP has been home to the local habitat and the wiring insulation has been chewed and removed. The local habitat did not fair well with this. Have temporarily repaired, and parts have been ordered to perform permanent repairs and reinsulating from cold weather.