



Agenda
City of Cornelia Water & Sewerage Authority Meeting
January 25, 2022

Call to Order

New Business

1. Approval of the Minutes from October 26, 2021
2. Engineer Update on Water & Sewer Projects
3. Utilities Director Quarterly Report
4. Adjourn

Meeting Minutes
Cornelia Water & Sewerage Authority
3rd Quarterly report
October 26, 2021

The Cornelia Water & Sewerage Authority held its regularly scheduled meeting on October 26, 2021 at 10:00 am at the Water Plant located at 1439 Camp Creek Road. The following Authority members were in attendance, Mayor Borrow, Don Bagwell and Donald Anderson. Also, in attendance were City Engineers, Chase West and Jeremy Pirkle as well as the City's Utility Director, Keith Ethridge.

The first item on the Agenda was approval of the minutes from July 27, 2021 John Borrow made the motion to approve the minutes as presented. Don Bagwell and Dee Anderson seconded the motion, and the vote was unanimous.

The next item on the agenda was the City Engineer updated the Authority on the water & sewerage project summary, the first item discussed was the Water Treatment Plant producing water as of November 30, 2020. Old WTP decommissioning. Update on the harmonic frequencies showed no indication of any problems. Ga Power installed a data logger on the transformer to see if we could determine if the issues are being created by dirty power. Settlement at influent pipe of Off-Stream impoundment Update but no indication of stability problems.

The HVAC units in the WTP building are cooling fine but not removing the humidity because we believe they are cycling on and off too quickly. Our mechanical engineer and contractor are having a conference call October 26 to discuss options.

The Hazel Creek Dam NO. 7/Camp Creek reservoir repairs. (GEFA No. WS12L18WR) These plans are to address deficiencies in Safe Dams letter dated 1/13/17. Getting the camp creek reservoir ready for repair, dredging, and draining. The Gate valve to be replaced and trash rack to be fixed after new reservoir goes online. Review comments received from Safe Dams on 1/11/2021 and we are preparing a draft response. C&S moving forward with geotechnical borings and sites analysis of emergency spillway. We are working with NRCS to see if they have any geotechnical borings in their files to try to save money.

Hazel Creek Stream Gauge Calibration is currently on hold

Hazel Creek Raw Water Intake Dam is on hold for future project to upgrade and improve low-head dam, if needed.

Groundwater Well Exploration & Development. City will move forward with test well on WTP property in 2022

WWTP Expansion to 4.5 MGD and is working on funding with EDA, ARC and GEFA for a 18.50 million project. Needs assessment and evaluation of WWTP for expansion to 4.5 MGD completed and Presented to City on April 17, 2021. GEFA awarded \$18.50 million in April 2021 for CWSRF but no principal forgiveness. Applied for the Build Back Better Loan with EDA. Project would include biological process upgrade and solar dryer to achieve 80-90% solids for sludge to limit effects of the 325% tipping fee increase by landfill.

NPDES Permit Modifications. We have been in negotiations with EPD and the City of Gainesville to lease 2,000 lbs./year of phosphorous capacity to the City of Gainesville. If successful, City will accept a lower phosphorus limit now of 0.25 mg/L Concentration but annual loading of 1,425 lbs./year. Currently at 1.1 mg/L concentration but annual loading of 3.425 lbs./year.

Discussed FY 2021 CBDG. We were successful in obtaining a \$750,000 Grant for infrastructure in the following area of Sunshine Circle, Oak Grove Court, and Galloway Court. total estimated project cost is \$1,300,000.

Also discussed 2021 Infrastructure Improvements Repair/Replace sewer, storm in the following areas: Hood St, Banks St, Hoyt St, Williams St, Red Fox Hollow, and Pine St. Higgins Construction is the contractor. Bid price was \$1,176,663. Bid date August 24th
Starting November 05, 2021

GEFA Septic to Sewer Program Applied to install sewer to 118 homes in the following areas: Rose Cliff Drive, Ridgeway Circle, Valley Drive, Lakeview Heights. Grant was not rewarded.

Keith submitted the Utilities Quarterly Report. The Wastewater Plant treated 261.7 million gallons of sewerage. The Water treatment plant produced 272 million gallons of water. We recorded 24.85" Inches of rain and the reservoir is 3.8' above full pool. We repaired 24 water breaks and 26 sewer blocks in the third quarter.

As there were no further business to come before the board the meeting was adjourned at 10.55 am.