



Agenda
City of Cornelia Water & Sewerage Authority Meeting
April 26, 2022

Call to Order

New Business

1. Approval of the Minutes from January 25, 2022
2. Engineer Update on Water & Sewer Projects
3. Utilities Director Quarterly Report
4. Adjourn

Meeting Minutes
Cornelia Water & Sewerage Authority
4th Quarterly report
January 25, 2022

The Cornelia Water & Sewerage Authority held its regularly scheduled meeting on January 25, 2022, at 10:00 am at the Water Plant located at 1439 Camp Creek Road. The following Authority members were in attendance, City Manager, Donald Anderson, Don Bagwell, and Janice Griggs, Also, in attendance were City Engineers, Marty Boyd, Chase West and Jeremy Pirkle as well as the Utility Director, Keith Ethridge.

The first item on the agenda was approval of the minutes from October 26, 2021, Donald Anderson made the motion to approve the minutes as presented. Don Bagwell and Janice Griggs 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. Settlement at influent pipe of Off-Stream impoundment, repair complete. 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. We determined during our investigation that a temperature sensor was incorrectly installed in the supply line instead of the return line so the thermostat in the lab was not working properly causing the AC units to cycle on and off too quickly. Also, we had some additional registers cut in the mechanical room to bleed off some of the cold air, which should help. If this does not resolve the problem, then we will look at other dehumidification options this spring. Marty will present on the Cornelia WTP at GAWP In April.

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. 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. We met inside last week with our geotechnical engineer and have scheduled the borings. Also, data from Schnabel is forthcoming

Hazel Creek Stream Gauge Calibration is currently on hold; however we had a conference call with Nutter & Associates in January to authorize them to proceed with the calibration. C&S is also going to submit an application to withdraw water at a rate of 4.5 MGD from Hazel Creek, which should trigger an analysis of the 70.10 and recalibration of the Hazel Creek Stream Gauge.

Hazel Creek Raw Water Intake Dam is on hold for future project to upgrade and improve low-head dam, if needed. In addition, C&S is going to evaluate the raw water main, intake structure and pumps to determine what improving elements are needed to be able to reliably pump 4.5 MGD

Groundwater Well Exploration & Development. City has \$50,000 budgeted and will move forward with test well on WTP property in 2023.

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 competed and Presented

to City on April 17, 2021. GEFA awarded \$18.50 million in April 2021 for CWSRF but no principal forgiveness.

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. We visited Sanford FL to look at a Huber solar dryer. We think this is a low-cost alternative to drying the city's sludge. We are working with Andy on developing some concepts plans to implement this solution.

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. We have a conference call with EPD on 1/27/2022 to discuss this.

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. Under design, construction is scheduled to start in May 2022.

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. Estimated Completion: June 2022

FY 2022 CDBG Applying for a \$1,000,000 grant. Target area not decided yet.

Miscellaneous discussion about small Chenocetah Tank Decommissioning \$17,000 bid price. Trailer Mounted Wastewater Pump Bids to be received on February 21, 2022

Keith submitted the Utilities Quarterly Report. The Wastewater Plant treated 271.9 million gallons of sewerage. The Water treatment plant produced 256 million gallons of water. We recorded 16.31" Inches of rain. We repaired 8 water breaks and 8 sewer blocks in the fourth quarter.

As there were no further business to come before the board the meeting was adjourned at 11:00 am.