



**Agenda**  
**City of Cornelia Water & Sewerage Authority Meeting**  
**April 25, 2023**

**Call to Order**

**New Business**

1. Approval of the Minutes from January 24, 2023
2. Update on Water Authority Loans
3. Engineer Update on Water & Sewer Projects
4. Utilities Director Quarterly Report
5. Adjourn

Meeting Minutes  
Cornelia Water & Sewerage Authority  
Quarterly report  
January 24, 2023

The Cornelia Water & Sewerage Authority held its regularly scheduled meeting on January 24, 2023, 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, Janice Griggs, Also, in attendance were City Engineers, Marty Boyd, Chase West as well as the Utility Director, Keith Ethridge.

The first item on the agenda was approval of the minutes from October, because of not enough members present, the minutes from October was not approved.

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: Marty stated, the plant has been producing water as of November 30, 2020. Draft plans for removing the tower are prepared. We are scheduling an electrician to fix power to the Zero 2 Waste System.

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. Stability analysis/toe drain design is expected to be completed next month.

Hazel Creek Stream Gauge Calibration: Working with Nutter & Associates to reevaluate the 7Q10 flow in Hazel Creek, which could increase its Safe Dependable Yield to  $\pm 4.5$  MGD

WWTP EXPANSION TO 4.5 MGD: 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. Concept plan is complete, and we have begun design. Surveying is scheduled to be completed in next 2 to 3 weeks. We are scheduling geotechnical borings. Anticipated schedule is: 30% complete March 31, 2023. 60% complete June 30, 2023. 100% complete August 31, 2023. Bidding September-November 2023. Construction January 2024 – August 2025.

NPDES PERMIT MODIFICATIONS: Phosphorous trading is no longer an option based on new draft permit which reduced total phosphorous limit from 1.1 mg/L to 0.37 mg/L. Antidegradation complete, we are addressing comments. One-mile downstream survey is complete and HEC-RAS Model is Complete.

Baldwin Water & Sewer Assessment Baldwin is interested in sending up to 0.5 MGD to the City of Cornelia's WWTP. Baldwin's current average flow is 0.38 MGD. No action or tasking being done.

Coosa North Georgia Planning Council: We are attending meeting with the city.

HAZEL CREEK RAW WATER PUMP STATION IMPROVMENTS: Design ongoing to upgrade pumps and intake.

GROUNDWATER WELL EXPLORATION & DEVELOPMENT: Oconee Well Drilling Selected for Test well at \$90,375. We are preparing a surface water withdrawal application with population and demand projections to submit to EOD in February. Must work this through EPD permitting.

FY 2021 Infrastructure Improvements: Repair/Replace sewer/storm in the following areas: Hood/Banks/Hoyt Street, Red Fox Hollow, Pine Street. Higgins Construction is the contractor. Bid Price was \$1,176,663. Moss St. Culvert added to project. Estimated Completion: April 2023 for change order items.

FY 2021 CDBG: We were successful in obtaining a \$750,000 grant for Sunshine Circle, Oak Grove Court, Galloway Court. Higgins Construction was the low bidder at \$834,495. Construction is underway; Estimated Completion is May 2023.

FY 2022 CDBG Awarded a \$850,000 grant. Target Area is Wood St. west of Hoyt St. and will include water, sewer, storm, and road repairs. Design is 30% complete.

FY 2023 CDBG: Preparing for a \$1,000,000 grant application in the Alpine Mobile Home Park area. Engineering and Grant Administration Procurement.

Old Level Grove Road Water Systems Improvements: Preparing for a GEFA application for 5,000 LF of 8" Water Main, \$1,951,000.

Keith submitted the Utilities Quarterly Report. The Wastewater Plant treated 235.0 million gallons of sewerage. The Water treatment plant produced 246 million gallons of water. We recorded 14 Inches of rain compared to 16.31 inches of rain in the fourth quarter of 2021. We repaired 29 water breaks and 14 sewer blocks and 5 Storm issues in the fourth quarter of 2022.

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