



**Agenda**  
**City of Cornelia Water & Sewerage Authority Meeting**  
**October 22, 2024**

**Call to Order**

**New Business**

1. Approval of the Minutes from April 23, 2024
2. Approval of the Minutes from July 23, 2024
3. Engineer Update on Water & Sewer Projects
4. Utilities Director Quarterly Report
5. Adjourn

Meeting Minutes  
Cornelia Water & Sewerage Authority  
Quarterly report  
April 23, 2024

The Cornelia Water & Sewerage Authority held its regularly scheduled meeting on April 23, 2024, at 10:00 am at the Water Plant located at 1439 Camp Creek Road. The following Authority members were in attendance, Don Bagwell, Janice Griggs, Donald Anderson, and Mayor John Borrow, Also, in attendance were City Engineers, Chase West, Marty Boyd as well as the Utility Director, Keith Ethridge.

The first item on the agenda was approval of the minutes from January, Don Bagwell made the motion to approve the minutes as presented. John Borrow and Janice Griggs seconded the motion, and the vote was unanimous.

The next item on the agenda was the City Engineers 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.

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 complete. We are preparing a package to re-submit to Safe Dams. Need a TV inspection of the pipe under the Dams. This is the critical path item that needs to be completed. Scheduled for Thursday 4/25.

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. The last design meeting with City was March 5, 2024.

Structural design is about 90% complete; electrical design is about 25% complete; overall project design is about 90% complete.

Solar dryer has been decoupled from this project and will be bid separately to not hold up biological process improvements. We are looking at some nearby property. Anticipated schedule is Bidding 2<sup>nd</sup> Qtr. 2024. Construction 3<sup>rd</sup> Qtr. 2024 thru 4<sup>th</sup> Qtr. 2025

Water Supply from Lake Tallulah (C8250.151): Exploring options in Lake Tallulah. Starting the permitting Process with Lake Tallulah.

GIS update, Lead and Copper Rule, Asset Management. (C8250.130) We submitted for GEFA funding; however the city was not awarded principal forgiveness. GIS program is live for City to make field investigations. C&S will submit inventory in October. C&S working on GIS update to include Asset Management.

HAZEL CREEK RAW WATER PUMP STATION IMPROVEMENTS: (C8250-122) Design and funding acquisition (GEFA) ongoing to upgrade pumps. On schedule to bid in June.

FY 2022 CDBG (C8250.127) Awarded a \$850,000 grant. Target Area is Wood Street, west of Hoyt Street, and will include water, sewer, storm, and road repairs. Higgins Construction awarded the project for \$1,596,370. Estimated completion is June 2024.

OLD Level Grove Road Water System Improvements (C8250.093). Design and funding acquisition (GEFA) ongoing for 12,400 LF of 12", 8", & 6" Water Main, \$3,246,000; no principal forgiveness awarded. On schedule to bid in June.

FY 2023 CDBG (C8250.136) Awarded a \$1,000,000 grant application in the Alpine Trailer Park area. Scheduled to bid in June.

FY 2024 CDBG (C8250.146) Application for \$1,000,000 grant submitted in April.

WATER MODEL UPDATE (C8250.143) Updated and ready for scenarios. Working on calibration of fire hydrant flow testing.

2023 Stormwater Project: (C8250.149) Address storm water issues on Pine Street, Ellis Street. Higgins Construction awarded the project for \$558,835.00 Construction expected to begin in June and complete by October.

Keith submitted the Utilities Quarterly Report. The Wastewater Plant treated 311.1 million gallons of sewerage. The Water treatment plant produced 252.13 million gallons of water. We recorded 23.07 Inches of rain for the first quarter of 2024, compared to 22.13 inches of rain in the first quarter of 2023. We responded to 15 water breaks. 23 sewer blocks and 19 storm issues.

As there was no further business to come before the board the meeting was adjourned at 10:46 am.

Meeting Minutes  
Cornelia Water & Sewerage Authority  
Quarterly report  
July 23, 2024

The Cornelia Water & Sewerage Authority held its regularly scheduled meeting on July 23, 2024, at 10:00 am at the Water Plant located at 1439 Camp Creek Road. In attendance were, City Manager, Donald Anderson, City Engineers, Marty Boyd, Kenny Miller and Chase West, as well as the Utility Director, Keith Ethridge.

The first item on the agenda was approval of the minutes from April. There were no board members present to approve the April Minutes.

The next item on the agenda was the City Engineers 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. Phone call scheduled for July 23<sup>rd</sup> with GE about RTD faults on High Service Pump #2.

HAZEL CREEK DAM NO. 7/Camp Creek Reservoir Repairs. (GEFA No. WS12L18WR, C8250.022): 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 complete. We are preparing a package to re-submit to Safe Dams. TV inspection of the pipe under the Dams. This is the critical path item that needs to be completed. Scheduled for Thursday 4/25.

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. 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. The last design meeting with City was March 23, 2024.

Structural design is about 90% complete; electrical design is about 45-50% complete; overall project design is about 90% complete.

Solar dryer has been decoupled from this project and will be bid separately to not hold up biological process improvements. We are looking at some nearby property. Anticipated schedule is Bidding 4<sup>th</sup> Qtr. 2024.

Construction 4<sup>th</sup> Qtr. 2024 through 1st Qtr. 2025.

ASSET MANAGEMENT LAN (C8250.112)

Marty needs to complete the scope and fee letter.

He has reviewed multiple asset Management Plans from other Cities.

Updating Map and attributes of piping network.

Record drawings have been updated in the GIS by C&S.

The deadline has yet to be determined.

WATER SUPPLY FROM LAKE TALLULAH (C8250.151):

Exploring water withdrawal options in Lake Tallulah. Working on EPD surface water withdrawal application and required reports.

GIS UPDATE, LEAD & COPPER RULE (C8250.130)

GEFA Principal forgiveness awarded of \$78,495 Agreement is executed and funding is ready to use. We submitted a loan application for FY 2024 round of funding because GEFA lost the FY 2023 application. The loan amount requested is \$244,000 based off updated "unknown" service lines. GIS program is live for City to make field investigations. C&S will submit inventory to EPD in October.

HAZEL CREEK RAW WATER PUMP STATION IMPROVEMENTS: (C8250-122) Bid was over budget-reducing scope to meet budget - \$1,033,000  
GEFA Loan - \$1,329,200

OLD LEVEL GROVE ROAD WATER SYSTEM IMPROVEMENTS (C8250.093). Bid within budget - \$3,481,920.50. Awarded to Higgins Construction. Construction to begin in September.

FY 2022 CDBG (C8250.127) Awarded a \$850,000 grant. Target area is Wood St. west of Hoyt St. and will include water/sewer/storm road repairs. Higgins Construction awarded the project for \$1,596,370. Estimated completion is July 2024.

FY 2023 CDBG (C8250.136) Awarded a \$1,000,000 grant application in the Alpine Trailer Park area. Combined with Old Level Grove Water System project.

FY 2024 CDBG (C8250.146) Application for \$1,000,000 grant submitted in April.

WATER MODEL UPDATE (C8250.143) Updated and ready for scenarios

2023 STORMWATER PROJECT: (C8250.149) Address storm water issues on Pine Street, Ellis Street. Higgins Construction awarded the project for \$558,835.00 Construction expected to begin in August and complete by December.

CHENOCETAH GST (1.5 MG) REHABILITATION (C8250.153) Bid within budget- \$450,731.00 Awarded to Dixie Painting & Sandblasting, Inc. Construction expected to begin in September and completed by November. Suggestions for an elevated or composite tank were discussed.

Utility Manager, Keith Ethridge submitted the Utilities Quarterly Report. THE WASTEWATER TREATMENT PLANT treated 290.8 million gallons of sewerage. The City of Cornelia WPCP was 99% Compliant for the 2<sup>nd</sup> Quarter. The septic fees received decreased significantly from 2023. 44 grease traps were inspected. Plant operators are having to get extra help from other departments with CDL licenses to help with hauling dry solids to landfills.

The WATER TREATMENT PLANT produced 262.91 million gallons of water. We recorded 13.81 Inches of rain for the second quarter of 2024, compared to 19.39 inches of rain in the second quarter of 2023. The Gold Award presented by GAWP in recognition of complete and consistent permit compliance during the calendar year of 2023.

WATER DISTRIBUTION responded to 25 water breaks. 13 sewer blocks and 13 storm issues.

As there was no further business to come before the board the meeting was adjourned at 10:46 am.