

Meeting Minutes  
Cornelia Water & Sewerage Authority  
2nd Quarterly report  
July 26, 2022

The Cornelia Water & Sewerage Authority held its regularly scheduled meeting on July 26, 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, Ernest Burns 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 April 26, 2022, Don Bagwell made the motion to approve the minutes as presented. Tony Cook 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: Marty stated, the plant has been producing water as of November 30, 2020. Old WTP decommissioning. Draft Plans for removing the tower are prepared. He will be Visiting Spring Hill WTP this week with Keith to compare notes on operations.

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. Geotechnical Borings were completed on 4/16/2022. Cleanup needed. Met with Geotech engineer on 7/12/2022 to review data. Sites analysis has begun.

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: Working on funding with EDA, ARC, OneGeorgia 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 concept plans to implement this solution. One-mile downstream survey is complete, and HEC-RAS Model is being built as required by EPD.

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 and will be submitted by 7/29/22.

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 attended planning meeting on 5/18/22 and plan to attend the next one

HAZEL CREEK RAW WATER PUMP STATION IMPROVMENTS: Chase talked about future projects to upgrade pumps and intake. The Design will start this fall.

GROUNDWATER WELL EXPLORATION & DEVELOPMENT: Contract documents are being prepared to drill a test well on the WTP property. There are other sites as well to drill test wells that are on hold.

FY 2021 Infrastructure Improvements: Repair/Replace sewer/storm in the following areas: Hood St., Banks St., Hoyt St., Red Fox Hollow, Pine Street. Higgins Construction is the contractor. Bid price was \$1,176,663. Adding In replacement of Moss St. Culvert & additional storm to bypass compromised existing storm pipes and inability to get easements. Estimated Completion: October 2022.

Chenocetah Tank Retaining Wall: Awarded to Higgins Construction for \$158,700. Project will Install the wall and improve the drainage near Wyly St. and Cherry St. 95% Complete. Next phase will be Landscaping.

FY 2021 CDBG: Applied for a \$850,000 grant. Target Area is Wood St. west of Hoyt St. and will include water, sewer, storm, and road repairs. Awards will be made about September/October 2022

FY 2023 CDBG: Preparing for a \$1,000,000 grant application in the Walnut Street Area.

Stormwater Fee Update FY2023: Update fees for current market pricing.

#### On-Going Developments:

- BC Grant Townhomes – Just finished
- Chase Road Apartments – In Construction.
- Magnolia Villas – Starting Soon.
- Dunkin Donuts – In Construction
- Surcheros – In Plan review phase

Keith submitted the Utilities Quarterly Report. The Wastewater Plant treated 236.5 million gallons of sewerage. The Water treatment plant produced 250 million gallons of water. We recorded 10.53” Inches of rain. We repaired 12 water breaks and 10 sewer blocks and 12 Storm issues in the second quarter of 2022.

As there were no further business to come before the board the meeting was adjourned at 10:53 am.