

## Meeting Minutes

### Cornelia Water & Sewage Authority

#### 1<sup>st</sup> Quarterly report

April 26, 2022

The Cornelia Water & Sewerage Authority held its regularly scheduled meeting on April 26, 2022, at 10:00 am at the Water Plant located at 1439 Camp Creek Road. The following Authority members were in attendance, Mayor John Borrow, City Manager, Donald Anderson, Don Bagwell, Janice Griggs and Ernest Burns 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 January 25, 2022, Donald Anderson made the motion to approve the minutes as presented. Don Bagwell and John Borrow 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.

#### **4 MG WATER TREATMENT PLANT**

- Producing water as of November 30, 2020
- Old WTP decommissioning.
- Draft plans for removing the tower are prepared

#### **HAZEL CREEK DAM NO. 7/CAMP CREEK RESERVOIR REPAIRS**

- 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.
- SITES analysis will be performed next.

#### **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
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#### **HAZEL CREEK RAW WATER PUMP STATION IMPROVMENT**

- Future project to upgrade pumps and intake
- Design will get started this fall.

#### **GROUNDWATER WELL EXPLORATION & DEVELOPMENT**

- Contract documents are being prepared to drill a test well on the WTP property.

#### **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 being completed this week.
- Draft Antidegradation completed and in review.

#### **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

#### **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

#### **FY 2021 CDBG**

- We were successful in obtaining a \$750,000 grant for:  
Sunshine Circle, Oak Grove Court, Galloway Court
- Total estimated project cost is \$1,300,000
- Under design, construction is scheduled to start in August 2022.

#### **FY 2021 Infrastructure Improvements**

- Repair/Replace sewer/storm in the following areas:  
Hood/Banks/Hoyt Street, Williams St., Red Fox Hollow, Pine Street
- 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 is Wood St. west of Hoyt St. and will include water, sewer, storm, and road repairs.
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**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.

**Miscellaneous**

- Small Chenocetah Tank Decommissioning, project completed
- Trailer Mounted Wastewater pump, to be delivered soon.

Keith submitted the Utilities Quarterly report. The Wastewater Plant treated 268 million gallons of sewerage. The Water Treatment Plant produced 244 million gallons in the first quarter and recorded 17.65” of rain compared to the 17.76 inches in 2021. We repaired 20 water breaks and 16 sewer blocks in the first quarter.

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