



Laurens County Water and Sewer Commission

**Board of Commissioners Meeting
September 24, 2019**

Minutes

COMMISSIONERS PRESENT: Doug Hendrick (Municipal), Sam Peden (I), Philip O'Dell (II), Jurell Byrd, Secretary (III), Bill Teague, Vice Chairman (IV), Susan Curry, Treasurer (V), John McMurray, (VI) and Ted Davenport, Chairman (VII)

STAFF: Jeff Field, Executive Director
Steve Griffin, Construction Manager
Damas Mattison, Regulatory Compliance and Operations Manager
Angie Nelson, Director of Administration and Customer Service
Wendy Medlock, Director of Finance
Debbie Price, Executive Assistant
KC Price, Engineering Manager

ATTORNEY: Allen M. Wham

PRESS: Clinton Chronicle

GUEST(S):

Call to Order

Invocation

Approval of August 27, 2019 Minutes

Chairman Remarks

Executive Director Remarks

LCWSC Monthly Financial Summary

LCWSC Monthly Operations Summary

New Business

1. Amended - United States Department of Agriculture (USDA) Letter of Conditions (LOC), Additional Funding for Lake Greenwood Water Treatment Plant (WTP) – Debra Green, USDA Rural Development
2. Renewable Water Resources (ReWa) Sewer Service Area Annual Inflow and Infiltration (I&I) Presentation

Old Business

1. Lake Greenwood Water Treatment Plant Update

Executive Session

1. Contractual Matter Related to the Town of Gray Court

Upon returning to open session, the Commission may take whatever action deemed appropriate on matters discussed in executive session.

Other Business

Adjourn

CALL TO ORDER

Chairman Davenport called the meeting to order at 8:17am in the Board Room of the Laurens County Water and Sewer Commission.

Invocation was given by Commissioner McMurray.

APPROVAL OF MINUTES

Chairman Davenport asked if there were any additions or corrections to the August 27, 2019 minutes, as submitted to the Commissioners.

Commissioner Hendrick MOVED *that the minutes be accepted as submitted.*

MOTION SECONDED by Commissioner Byrd. MOTION CARRIED. AYES, 7; NAYS, 0

CHAIRMAN REMARKS

Chairman Davenport welcomed the press to the meeting.

LCWSC MONTHLY FINANCIAL SUMMARY

The monthly financial summary was presented to the Commissioners. A copy of the summary can be found in the Commissioner Board Packet.

As of August 31, 2019, LCWSC had a total of \$5,876,433 in cash for operating and reserve funds as compared to \$5,300,576 this time in FY19.

LCWSC MONTHLY OPERATIONS SUMMARY

The monthly operations summary was presented to the Commissioners. A copy of this summary can be found in the Commissioner Board packet.

Mr. Field reported 37 new services installed as of August 31, 2019, with 14 new services in August.

He also noted a new subdivision being developed outside of Fountain Inn. LCWSC will have the water service for this new subdivision; the first phase of sewer is going to Fountain Inn and the next phases of sewer will come to us. Another development located off of Highway 418 is close to approval and will provide about 140 taps. Two more potential developments near Fountain Inn will produce 120 taps. Overall, we could be close to 1000 new taps over the next 3 to 5 years.

Mr. Mattison reported there were 7 active service line leaks and 1 active main line leak.

For the month of August, the total water loss was 25.7% of which 20.8% was unaccounted for through background leaks in the system. The rolling 12-month average for unaccounted water loss is 15%. The target is 18%.

The American Water Works Association (AWWA) has a spreadsheet-based program to plug in our information; 18% is a good number based on AWWA guidelines.

He also discussed an area (Laurens CPW) with a higher percentage water loss than other areas. A new meter will be installed on Highway 252 and Fort Lindley. This new meter will allow us to see how much water goes through that line and out Highway 252 and hopefully narrow down the water loss in that area.

Mr. Field stated that 1% of water loss prevented saves the LCWSC approximately \$70,000. We are looking at meter replacement with an estimated 2-3% improvement. The \$500,000 per year expense to replace meters could potentially save LCWSC \$230,000 per year; we could recoup half the replacement cost over a 10-year period.

NEW BUSINESS

1. Amended - United States Department of Agriculture (USDA) Letter of Conditions (LOC), Additional Funding for Lake Greenwood Water Treatment Plant (WTP) – Debra Green, USDA Rural Development

Mr. Field discussed the amended Letter of Conditions.

The amended LOC addresses the request by LCWSC for additional time on the construction timeframe. The amended LOC changes the end date for construction from September 20, 2021 to February 28, 2022.

The LOC was also amended to remove generic environmental mitigation measures and add the environmental mitigation measures that pertain to our project. Environmental mitigation measures added to the LOC include: Floodplain, wetlands, cultural resources, biological resources, water quality, air quality, and transportation.

US Fish and Wildlife expressed concerns about clearing trees that may be the habitat of the Northern Long-Eared Bat. We asked for clarification and the bats are not an issue on our site.

Commissioner McMurray ***MOVED to approve the Amended USDA Rural Development Letter of Conditions Associated with Additional Funding for the Lake Greenwood Water Treatment Facility as submitted.*** MOTION SECONDED by Commissioner Hendrick.
MOTION CARRIED. AYES, 7; NAYS, 0

2. Renewable Water Resources (ReWa) Sewer Service Area Annual Inflow and Infiltration (I&I) Presentation

Mr. Mattison discussed the ReWa Sewer Service Area annual I&I presentation that will be presented to ReWa on October 30th. He presented a map showing the basins in the ReWa treatment area.

The Owings Collection System has 17,000 linear feet (LF) gravity main (3.2 miles) and 31,500 LF force main (5.7 miles). The design capacity is 864,000 gallons per day (GPD) with an average daily flow of 55,980 gallons and consists of 4 lift stations that serve industrial clients. 2.23 miles of gravity main were viewed via closed circuit TV (CCTV) which showed 2 minor defects. 67 manhole inspections were completed with 1 ring and cover replaced. The total gallons of I&I during a 2.95-inch rain event was 34,200 in October 2018.

The Woodfield Industrial Park has 11,500 LF (2.2 miles) of 8-inch gravity main and 5,000 LF (9.95 miles) of 6-inch force main with a capacity of 4000,000 GPD; it is operating at 30,650 GPD and consists of 1 lift station that serves industrial users only. There were 48 manhole inspections which showed 3 missing ring and covers and 2 with slight sulfide damage. The total gallons of I&I during the same 2.95-inch rain event was 16,200.

Gray Court A has a 370,000 GPD capacity with an average flow of 36,906. There is 6,111 LF (1.1 miles) of gravity main and 14,397 LF (2.7 miles) of 8-inch force main with 2 lift stations that serve industrial users only. 12 of the 26 manholes were inspected showing one with damage where the cone had separated. Total gallons of I&I during the 2.95-inch rain event was 36,508.

Walnut Crest is measured in height instead of gallons. It has 6,700 LF (1.3 miles) of 8-inch sewer; flow is measured at the last manhole with a I-Tracker Meter. 1.3 miles of CCTV inspection was completed with 1 defect found.

Summary:

- All of the basin flows are monitored; 3 through runtimes and 1 through annual installation of an I-Tracker Meter.
- LCWSC total flow averages approximately 0.145 MGD.
- There are 197 manholes located in these areas; 174 manholes were inspected. Only one of the 174 manholes needed major repair. The remaining 23 manholes in need of repair are located where more extensive traffic control is needed and will be performed at a later time.
- LCWSC had no rehab projects scheduled; we will continue to perform CCTV inspections and manhole inspections.
- When data shows elevated I&I flow, LCWSC will perform inspections and point repairs as necessary.

OLD BUSINESS

1. Lake Greenwood Water Treatment Plant (WTP) Update

Mr. Price reported there are a couple of permits still outstanding. Greenwood County recently passed a new ordinance to keep sediment out of the lake and we are expecting that permit within a week. He stated that any building over 200 square feet requires a Laurens County building permit; Harper Construction is currently working on these permits.

We are waiting on the USDA distribution system construction plan approval and hope to advertise for bids around October 5th. We will hopefully award in November, but it could be as late as December.

Joe McGougan reviewed the water treatment plant intake in July and contract documents have been sent to the USDA. LCWSC, Harper Construction and Goodwin Mills Cawood (GMC) reviewed the water treatment plant and intake in August. Final plans were sent to Harper Construction on September 3rd. The final GMP is being prepared by Harper Construction.

The construction dates have changed as reflected in the amended LOC.

Mr. Field stated that the Lake Greenwood WTP groundbreaking will be scheduled for November 14th or November 21st at the intake site. We will decide on the official date this week.

EXECUTIVE SESSION

Upon returning to open session, the Commission may take whatever action deemed appropriate on matters discussed in executive session.

1. Contractual Matter Related to the Town of Gray Court

Commissioner Hendrick MOVED that the *Board of Commissioners Go into Executive Session at 9:50am.* MOTION SECONDED by Commissioner Peden.
MOTION CARRIED. AYES, 7; NAYS, 0

Commissioner Hendrick MOVED that the *Board of Commissioners Come Out of Executive Session at 10:16am.* MOTION SECONDED by Commissioner O'Dell.
MOTION CARRIED. AYES, 7; NAYS, 0

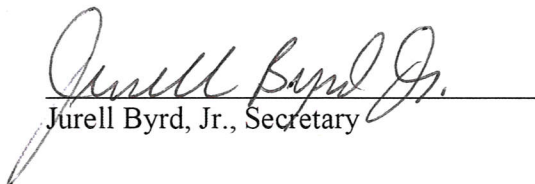
Information Only. No vote taken.

ADJOURN

Commissioner O'Dell MOVED that the *Board of Commissioners meeting be adjourned.*
MOTION SECONDED by Commissioner Hendrick. MOTION CARRIED. AYES, 7; NAYS, 0

There being no further business the Commission adjourned at 10:17am.

I certify that the above Minutes accurately reflect the business conducted at the Commission meeting on September 24, 2019 and that the minutes were approved at the meeting held October 22, 2019.


Jurell Byrd, Jr., Secretary