



Laurens County Water and Sewer Commission

Board of Commissioners Meeting

October 24, 2017

9:30am

Minutes

COMMISSIONERS PRESENT: Doug Hendrick (Municipal), Wofford Woods (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
Kevin Anderson, Director of Operations and Engineering
Debbie Price, Executive Administrative Assistant
Angie Nelson, Director of Administration and Customer Service
Wendy Medlock, Director of Finance

ATTORNEY: Allen M. Wham

PRESS: Clinton Chronicle

GUEST: Damas Mattison

Call to Order

Invocation

Approval of September 26, 2017 Minutes

Chairman Remarks

Executive Director Remarks

LCWSC Monthly Financial Summary

LCWSC Monthly Operations Summary

New Business

1. CMOM Quarterly Update
2. CJWTP Solids Handling Study Update

Old Business

1. Lake Greenwood WTP Update

Executive Session

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 9:34am at the CJWTP Facility.

Invocation was given by Commissioner Woods.

APPROVAL OF MINUTES

Chairman Davenport asked if there were any additions or corrections to the September 26, 2017 minutes, as submitted to the Commissioners.

Commissioner Byrd MOVED *that the minutes be accepted as submitted*. MOTION SECONDED by Commissioner Hendrick. MOTION CARRIED. AYES, 7; NAYS, 0

CHAIRMAN REMARKS

Chairman Davenport welcomed the press to the meeting and thanked everyone involved for all their hard work preparing for the meeting today.

DIRECTOR REMARKS

Mr. Field also expressed his appreciation to Damas Mattison and staff for preparing the meeting space, meal and tours.

LCWSC MONTHLY FINANCIAL SUMMARY

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

As of September 30, 2017, LCWSC currently had a total of \$5,230,671 in cash for operating and reserve funds as compared to \$4,635,353 this time in FY17.

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 discussed the work order summary. There were 79 new services installed as of September 30, 2017 with 23 new services in the month of September. There were 11 active service line leaks and 2 active main line leaks.

Mr. Anderson discussed water purchased and percent loss. For the month of September, total audited water was at an 20.43% loss, while Joanna had a 18.59% loss. The rolling 12-month average for audited water is 19.34% loss, while water in Joanna is a 9.99% loss. The target is 18.00%

NEW BUSINESS

1. CMOM Quarterly Update

Damas Mattison provided an update on the 2018 Capacity Management Operation and Maintenance (CMOM) First Quarter Report. Mr. Mattison discussed the FY18 schedule for right of way (ROW) mowing and rehab, force main inspections, manhole inspections, I/I flow monitoring, cleaning and closed-circuit television (CCTV), complete air release valve inspection, and visual air release valve inspection. The schedule will enable us to see how long each task takes to complete.

Mr. Mattison stated that properly maintained ROWs provide access to collection lines and manholes for repairs, cleaning, CCTV work and removal of blockages. Maintenance includes removing trees and bushes and spraying weed control around structures and manholes. A 10 to 15 foot path is mowed on either side of the sewer line and overhanging limbs are removed when possible. The crew completes one area before moving to the next area.

LCWSC currently has 118 acres of ROW with 92 acres mowed as of September 30th. We are on track to complete the ROW maintenance portion of our schedule by October 31st.

Mr. Mattison discussed force main maintenance and inspections. Once the ROW has been mowed, the crew will ride the Polaris on the ROW to check for leaks and any other issues at creek and road crossings. He noted that most of the force mains are 20 to 30 years old. There is currently 27.34 miles of force main; 17 miles have been visually inspected as of September 30th. We do not inspect the interior of force mains. We are on track to complete the force main maintenance portion of the schedule by October 31st.

FY18 Second Quarter Work:

- Complete the ROW maintenance and visual inspection of force mains by October 31st
- Complete the air release valve manual inspections by November 30th
- Begin manhole inspections in November
- Complete scheduled manhole inspections and data summary by December 31st

2. CJWTP Solids Handling Study Update

Mr. Field stated that LCWSC is conducting a bio-solids study to examine drying beds and evaluate our next options. Drying beds are currently the best technology for eliminating solids left over in the treatment process. As we grow and regulations change, sludge becomes a more challenging process. We will look into grants for alternative technologies and equipment.

Mr. Mattison provided a summary of the study.

Engineering and Study:

- Develop a master plan for optimized operations, declining flow and stricter effluent limits
- Address solids handling, vector (flies and mice) attractant, phosphorus and elevated inert solids associated with drying beds
- Historical data analysis
- Process model development (Bio WIN simulation software)
- Biosolids management analysis
 - Rehabilitation of existing drying beds
 - Waste activated sludge (WAS) storage and thickening in existing 0.130 MG tank
 - WAS storage and thickening in new larger tankage
 - Mechanical dewatering (Capital Improvements Project)

Mr. Mattison also discussed the Huber Screw Press and Fournier Rotary Press testing and results.

Summary:

- The study will ensure proper choices for equipment and treatment processes
- The model will allow us to insert treatment processes virtually before we purchase
- The solids portion of the study will be completed in January 2018
- Ability to apply for grants in March

OLD BUSINESS

1. Lake Greenwood WTP Update

Mr. Anderson provided an update on the Lake Greenwood WTP project.

The Capital Committee met on October 5, 2017 to review the different technologies.

The pilot study demonstrated typical surface water chemistry. All piloted technologies will perform well.

The engineer recommended technologies are:

- Up flow blanket clarifier (Suez Superpulsator)
- Dual media granular filtration (Competitive Bid)

Mr. Anderson stated that water treatment plant and intake design has started.

Distribution Mains / Raw Water Main

- 30% complete plan review on October 18th
- SCDOT Meeting planned for November 2nd

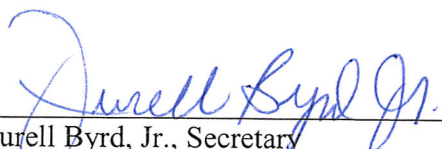
Mr. Field stated that we have a draft permit with the Department of Health and Environmental Control (DHEC) and are currently discussing the terms. Once that process is completed, we can focus on the Federal Energy Regulatory Commission (FERC).

ADJOURN

There being no further business the Commission adjourned at 10:58am.

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

I certify that the above Minutes accurately reflect the business conducted at the Commission meeting on October 24, 2017 and that the minutes were approved at the meeting held November 28, 2017.


Jurell Byrd, Jr., Secretary