



**Laurens County Water and Sewer Commission**

**Board of Commissioners Meeting**

**February 26, 2019**

**8:15am**

**Minutes**

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**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  
Wendy Medlock, Director of Finance  
Angie Nelson, Director of Administration and Customer Service  
Debbie Price, Executive Assistant  
KC Price, Engineering Manager

**ATTORNEY:** Allen M. Wham

**PRESS:** Clinton Chronicle

**Call to Order**

**Invocation**

**Approval of January 22, 2019 Minutes**

**Chairman Remarks**

**Executive Director Remarks**

**LCWSC Monthly Financial Summary**

**LCWSC Monthly Operations Summary**

## **New Business**

1. Joanna Community Development Block Grant (CDBG) Update
2. Lydia Mill New CDBG Project
3. Water Capacity, Management, Operations, Maintenance (CMOM) 2<sup>nd</sup> Quarter Report
4. Sewer CMOM 2<sup>nd</sup> Quarter Report

## **Old Business**

1. Lake Greenwood Water Treatment Plant (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 8:20am in the board room of Laurens County Water and Sewer Commission.

Invocation was given by Commissioner Hendrick.

## **APPROVAL OF MINUTES**

Chairman Davenport asked if there were any additions or corrections to the January 22, 2019 minutes, as submitted to the Commissioners.

Commissioner Hendrick MOVED *that the minutes be accepted as submitted*. MOTION SECONDED by Commissioner O'Dell. 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 this summary can be found in the Commissioner Board packet.

As of January 31, 2019, LCWSC had a total of \$4,569,890 in cash for operating and reserve funds as compared to \$5,131,189 this time in FY18. As of January 31, 2019, LCWSC is awaiting reimbursements totaling \$264,047 from various entities including SRF, EDA, and Mogul. This means the operating balance would be \$4,833,937 instead of \$4,569,890.

## **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 173 new services installed as of January 31, 2019, with 35 new services in the month of January. There were 5 active service line leaks and 1 active main line leak.

Mr. Mattison discussed water purchased and percent loss. For the month of January, the total water loss was 10% of which 5% was unaccounted for through background leaks in the system. The rolling 12-month average for unaccounted water loss is 12.95%. The target is 18.00%.

## **NEW BUSINESS**

### **1. Joanna Community Development Block Grant (CDBG) Update**

Mr. Mattison provided an update on the Joanna CDBG project thus far:

- 5100 linear feet of 8-inch High Density Poly-Ethylene (HDPE) pipe bursting
- 4 manholes replaced and 16 manholes rehabbed
- 2 mains and 3 manholes abandoned
- 71 service connections replaced

Total Project Cost to date \$533,402.52

- \$461,493.70 Grant
- \$71,908.82 LCWSC

The project punch list is not completed; therefore, there is still \$53,105.03 pay request remaining:

- \$51,277.08 Grant
- \$1,827.95 LCWSC

### **2. Lydia Mill New CDBG Project**

Mr. Mattison reported that Lydia Mill sewer lines were originally installed in back alleys between the mill houses. Over time, outbuildings, fences, swimming pools and houses have been located over the sewer lines in some areas. Conventional replacement of the sewer lines is difficult due to limited access to the back alleys. The primary pipe material in this area is Vitrified Clay Pipe (VCP), which has developed numerous cracks and root infiltration over time.

The existing trunk sewer line is a 10-inch line, approximately 2,153 feet in length. This line is critical in providing sewer service to the entire Lydia Mill area. There are numerous issues with this line which include sags and constricted pipes due to tuberculation. These issues contributed to the SSO's for this area listed in our South Carolina DHEC consent order.

LCWSC will focus on rehabilitating the trunk line under the railroad and at creek crossings, plus a large residential area of Lydia Mill. There are 295 homes in the total project area (all of Lydia Mill); 57 homes in the residential area where new taps will be made.

- Total Project Cost \$857,700.00
  - \$750,000.00 Grant
  - \$107,700.00 LCWSC

A Needs Assessment Public Hearing is scheduled for February 28, 2019 at 2:00pm at the County Administration Building, 100 Hillcrest Square in Laurens.

Special thanks to the staff for gathering the income survey data and making the project possible.

### **3. Water Capacity, Management, Operations, Maintenance (CMOM) 2<sup>nd</sup> Quarter Report**

A list of current assets was provided and the FY 2019 schedule for hydrant, post-hydrant and blow-off maintenance, flushing, flow tests, system pressure recording, valve exercising and maintenance, tank wash-outs, pressure reducing valves (PRV) and control valves were discussed.

#### **Current Assets:**

- 10 elevated tanks
- 3 pump stations
- 849 fire hydrants
- 338 post hydrants
- 4128 system valves
- 522 blow offs
- 25 auto flushers
- 17 pressure reducing valves/control valves

#### **Annual Valve Exercising:**

LCWSC currently has 4128 water system valves; each one must be exercised every three years to ensure they are operable should we have a leak or need to perform other maintenance. Due to weather and scheduling issues, exercising valves did not begin until December and will continue through March.

#### **Elevated Tank Maintenance:**

LCWSC operators are required to perform weekly inspections on each elevated tank in our system. More substantial maintenance work is performed by an outside contractor. 2<sup>nd</sup> quarter work included the O'Dell tank wash-out and visual inspections of the Owings, Bethany, Greenpond, Laurens County Memorial Hospital, and Maddens Tanks. No issues were found.



Auto Flushers:

Auto flushers will maintain higher levels of chlorine residuals during colder weather. When scheduled monitoring determines chlorine residuals are stabilizing at higher levels, we will decrease the volume flushed.

Pressure Reducing Valves (PRV):

PRVs are used to isolate parts of the system, provide added flow for fire protection, and reduce pressure in low-lying areas. We currently have 17 PRVs in the system that are checked quarterly for proper operation.

3<sup>rd</sup> Quarter Work:

- Valve exercising and maintenance
- Complete interior and exterior renovation of Bethany Tank
- PRV checks
- Greenpond meter connection with Greenville Water System
- New stationary generator start-up at Fountain Inn Pump Station

#### **4. Sewer CMOM 2<sup>nd</sup> Quarter Report**

Mr. Mattison reported on the FY 2019 schedule for row mowing and maintenance, force main inspections, manhole inspections, inflow and infiltration (I/I) flow monitoring, cleaning and closed circuit tv (CCTV), cleaning and CCTV lines, complete air release valve inspection, and visual air release valve inspection.

We currently have 1147 manholes. Out of 50 full inspections, 2 manholes need the ring and cover replaced. 76 manholes were checked during rain events for I/I; two had ring and covers underwater. 44 manholes in Lydia Mill had flow above the normal flow line.

12 manholes were rehabbed, 4 were replaced and 3 were removed during the Joanna CDBG project, eliminating any flow from the old mill site.

Mr. Mattison also discussed air release valve (ARV) inspections. ARVs allow trapped sewer gas to escape from force mains. Trapped sewer gas contributes to the deterioration of the force main; ARVs are located at the high points of the line where the gas would collect. We currently have 69 ARVs in our system. 49 visual inspections were completed to check for leaks.

There were 16 service requests in the 2<sup>nd</sup> quarter:

- 4 customer complaints
- 1 potential sewer leak
- 3 check service to see if usable
- 7 sewer message relay

3<sup>rd</sup> Quarter Work:

- Inflow and Infiltration flow monitoring, concentrating in the ReWa collection areas, starting with Woodfield and Walnut Crest
- Clean and CCTV ReWa area
- Continue manhole inspections, mainly focused in the North Creek Basin
- New CCTV software and training

**Old Business**

**1. Lake Greenwood Water Treatment Plant (WTP) Update**

Mr. Price provided an update on the Lake Greenwood WTP with a power point presentation showing the site plan and intake pump building. The new WTP will require only one operator around the clock. 100% GMP is expected by July 2, 2019.

**Executive Session**

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

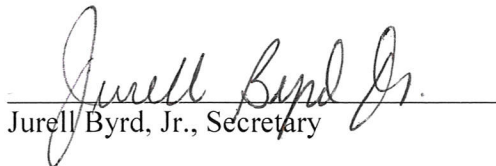
None

**ADJOURN**

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

There being no further business the Commission adjourned at 10:20am.

I certify that the above Minutes accurately reflect the business conducted at the Commission meeting on February 26, 2019 and that the minutes were approved at the meeting held March 26, 2019.

  
Jurell Byrd, Jr., Secretary