

Cartersville Water and Sewer Department
Thursday, November 3, 2016

Minutes of the Regular Meeting of the Cartersville Water and Sewer Department held Thursday, November 3, 2016 at 6:10 p.m. in the Water and Sewer Conference Room.

Present at the meeting were: Mark Bollmann, Matt Crain and John Geiselman, Water and Sewer Board Commissioners; Curt Oetjen, Council Representative; Rodney Potts, Crawford and Associates; Mayor Brad Robinson; Janice McConnaughy, Office Manager; Mark Buatte, WWTP Operator; Garry Wiggs, Public Works Director; Mickey Edwards, Secretary; and Amy Simpson, Water Clerk.

Delinquent Accounts were discussed (321 customers in the amount of \$25,298.72). The staff will do cutoffs on Tuesday, November 8, 2016.

The **Rend Lake** bill for October 2016 was not available for the meeting. We sold 11,656,520 gallons last month. The Mayor asked about the cost of our loss through September 2016 and it was figured at \$19,180.54 from Rend Lake.

Motion 1: Crain moved and Bollmann seconded to **approve the minutes** from the October 6, 2016 Regular Meeting as presented. All voted yea and the Secretary declared the motion carried.

Motion 2: Geiselman moved and Crain seconded to approve the **Treasurer's Report** for the month of October 2016. All voted yea and the Secretary declared the motion carried.

Motion 3: Crain moved and Geiselman seconded to approve payment of the **monthly bills** for November 2016 as submitted. A roll call vote was taken, and all present voted yea. The Secretary declared the motion carried.

Motion 4: Bollmann moved and Crain seconded to approve the following **leak credits**:

Leak Credits:

#01-1572	Dwayne Moore, 906 Pear, Apt. D	\$ 58.05	
#04-0992	Travis Taylor, 403 N. Division	\$ 31.75	
#05-2401	Rachel Hayes, 509 Oregon	\$ 52.66	
#08-3210	George Pennock, 703 Mulberry	\$ 97.80	
#13-5011	Craig Hansen, 803 Rebekah	\$ 78.98	
#16-0401	Fred Harms, 1408 W. Grand (Landlord)	\$ 57.40	
#16-0402	Lindsay Lamazzi, 1408 W. Grand	\$ 24.38	
#17-2840	Lake Logan Apartments, 705 Eagle Pass	\$640.53	
#18-0520	Meike Pennington, 12798 Hafer Road	<u>\$ 23.34</u>	<u>\$1,006.84</u>

Pool Credits:

#10-3372	David Buckles, 111 Brooke Lane	\$ 45.50	
#15-5061	Debra Newbolds, 117 Weisbrook	<u>\$ 38.50</u>	<u>\$ 84.00</u>

A roll call vote was taken, and all present voted yea. The Secretary declared the motion carried.

Garry Wiggs Report:

*The RFP for **electronic meters** that we are processing was mentioned. Since we do not qualify for the financing options with EMCOR does the Board want Garry Wiggs to get pricing and financing from other companies for a turn-key system. Some of the financing is as low as 1% interest. We could also check on a drive by system. The Board agreed that Garry should gather additional information. Garry Wiggs also asked if the Board would allow him to pursue a sample from companies on hard to read meters. There may be some companies that will offer this service for a nominal fee. John Geiselman asked how long it will take to install the meters and Garry indicated it depends on the system we decide to purchase.*

*Garry Wiggs stated that there are **new regulations** coming down the pipeline regarding testing for lead and copper and a new requirement for testing dead end lines and other individual in point areas. Also, because we purchase water from Rend Lake we will be required to purchase new equipment for ammonia testing in our water samples. We have several in points in our water system and this will cost.*

*Garry indicated that we have an **equipment problem** in the Water and Sewer Department. The cost to repair our backhoe is very high and Bud Edwards wants to know if we want to repair this piece of equipment or pursue the purchase or lease/purchase of a new piece of equipment. The Mayor indicated that if we purchase a trachoe for the department we will have to have someone with a Class A CDL in order to haul this behind a truck. This is a new State law and the Mayor stated that we will be concentrating on getting current employees their Class B CDL and upgrading someone to a Class A for hauling equipment. Garry indicated he would solicit pricing on new and used equipment.*

The water storage tank repairs are being evaluated for a future meeting.

*Garry Wiggs reported that **Rend Lake Intercity Water** had two leaks in their line to our ground storage last month and Ron Modglin has done some evaluating of existing lines that we could tap into that would relieve some of the problems that we are experiencing with this trunk line. Garry suggested that we reroute our trunk line along the Sizemore property on Sycamore to the Rend Lake water meter by using in-house labor and asking Rend Lake to supply the material for this reroute. The materials estimate is \$17,000.00. Rodney Potts suggested that we could also acquire a wide enough easement to accommodate a new line to a new water tower north of town. The Mayor asked who should approach Rend Lake and Rodney Potts indicated that he would contact them. Rodney will prepare a proposal and put this on City letterhead.*

*John Geiselman asked about the **drainage in front of the post office** and Garry indicated it was from a sump pump. Marc Buatte will check the elevation on the closest manhole to see if it will drain.*

*Curt Oetjen asked about a **pole barn that was purchased by Mark Krones** behind his business. He stated that they were doing some excavating and Curt was concerned that they were very close to our force main. Amy Simpson will check on the JULIE for this excavation.*

Marc Buatte – Wastewater Treatment Plant

*The **Effluent Pump Station** rebuild is still in process and the check valves are helping with the pumping times in this station. The estimated cost is around \$35,000.00.*

*The **Influent Pump Station** needs to be rebuilt. The check valves on the flange are leaking and causing sewage to gather around the pumps. The pricing for the valves need to rebuild this station is approximately \$6,000.00. Marc has contacted Dean Bush Construction for a price to complete this repair. The entire project will be approximately \$9,000.00.*

Motion 5: Bollmann moved and Crain seconded to authorize the purchase of the parts and materials to repair the **Influent Pump Station** at a cost of approximately \$6,000.00. A roll call vote was taken, and all present voted yea.

*Marc Buatte reported that the **Pea Ridge Lift Station on Hafer Road** needs to be rebuilt. Marc distributed quotes on materials for this rebuild at a total cost of \$14,488.04 for pumps and \$4,697.00 for parts and materials. We do not have a cost from Dean Bush Construction for the construction.*

Motion 6: Crain moved and Geiselman seconded to authorize the purchase of **new pumps for the Pea Ridge Lift Station** at a cost not to exceed \$14,500.00 (pending pricing from additional vendors). A roll call vote was taken, and all present voted yea. The Secretary declared the motion carried.

Motion 7: Bollmann moved and Crain seconded to authorize the purchase of **parts and materials for the rebuild of the Pea Ridge Lift Station** from IMCO at a cost of \$4,697.00. A roll call vote was taken, and all present voted yea. The Secretary declared the motion carried.

*Mayor Robinson indicated that he received information from the Southern Illinois Mayor's Association regarding funding for an **upgrade in our aeration system** to reduce electrical costs at the wastewater treatment plant.*

*Marc Buatte explained that our **sand filters** have pumps that need to be rebuilt or replaced. We can get by right now but we need to replace these pumps at some point. The cost estimate for repair/replacement of these pumps is \$4,681.43 new and \$2,339.83 repaired.*

Motion 8: Geiselman moved and Bollmann seconded to authorize the purchase and repair of the filter pumps at the wastewater treatment plant as follows:

Gorman Rupp S2B1 Pump (New)	\$4,681.43
Gorman Rupp S2B1 Pump (Rebuild)	\$3,339.83

A roll call vote was taken, and all present voted yea. The Secretary declared the motion carried.

Marc reported that the **aerator in the oxidation ditch** was pulled out to repair the bearings and it was discovered that the diffuser and the shaft were damaged. Therefore, we need to replace the shafts and diffuser for this aerator. The cost is \$1,900.00 each for the shafts and \$1,500.00 for the diffuser.

Motion 9: Geiselman moved and Bollmann seconded to authorize the **repair of the aerator** in the oxidation ditch at a cost of \$5,300.00. A roll call vote was taken, and all present voted yea. The Secretary declared the motion carried.

Rodney Potts, Engineering

The RFP for the **aeration system** has been reviewed. There were four proposals received.

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|------------------------|-------------------------|------------------|------------------|
| 1. Sanitaire | Blowers with Diffusers | \$175,000.00 (1) | \$295,000.00 (2) |
| 2. Aeration Industries | Floating Aerators (2) | \$59,200.00 | |
| | Eight Floating Aerators | \$297,830.00 + | \$74,400.00 |
| 3. Aquarius | Blowers with Diffusers | \$159,000.00 | |
| 4. Evoqua | Paddle Wheel System | \$164,150.00 (1) | \$287,100.00 (2) |

Rodney indicated that he would like to further investigate the last two quotes to determine the best possible use of our funds. He did get a visit from the City of Charleston to inspect our UV Disinfection System and they indicated that they have 1100 diffusers that they cannot use. Charleston stated that they would give us these diffusers if Rodney Potts will give them his plans for the UV Disinfection System (Rodney agreed). John Geiselman asked why we are not considering the rental and Rodney explained that he did not feel that it was cost effective.

Rodney Potts explained that we are still waiting on the piping to complete the **UV Disinfection System** and Rodney said he will contact the company to get this completed. The **Bar Screen** is finished and working well. These two items can be used in a new plant.

Motion 10: Crain moved and Geiselman seconded to authorize payment to **Haier Plumbing** for Pay Estimate No. 2 on the **Kovach/Bishop** water and sewer line construction in the amount of \$4,996.21. A roll call vote was taken, and all present voted yea. The Secretary declared the motion carried.

*Rodney Potts indicated that we are still waiting on the revision process from I.E.P.A. of the **Sludge Holding Facility**.*

Rodney Potts indicated that he visited Wisconsin recently and acquired some information regarding innovations in their sewer processing and their relationship with the local university.

The **Refuge meter** is back flowing. The cost is \$2,900.00 for this backflow preventer and we are not sure who is going to pay for this piece of equipment. Also, we have not received our reimbursement from U. S. Fish and Wildlife for the waterline that was installed.

Motion 11: Crain moved and Bollmann seconded to ***purchase a backflow preventer*** for the Refuge meter at a cost of \$2,900.00. A roll call vote was taken, and all present voted yea. The Secretary declared the motion carried.

Motion 12: Bollmann moved and Crain seconded to pay the following bills for the ***West Grand Phase II waterline relocation*** as follows:

Dean Bush Construction	Pay Estimate No. 1	\$24,867.00
Crawford & Associates	Resident Engineering	\$ 6,000.00

A roll call vote was taken, and all present voted yea. The Secretary declared the motion carried.

The ***Downtown Waterline*** will be completed when Dean Bush Construction finishes on West Grand Avenue Phase II waterline relocation.

Motion 13: Geiselman moved and Bollmann seconded to approve the ***Change Order No. 2*** to the ***Valley Drive Lift Station*** construction by Wiggs Excavating for a decrease of \$78.56. All voted yea and the Secretary declared the motion carried.

Motion 14: Geiselman moved and Bollmann seconded to approve payment of the following bills for the Valley Drive Lift Station as follows:

Wiggs Excavating	Pay Estimate No. 4 (Final)	\$31,340.64
Crawford & Associates	Resident Inspection	\$ 3,388.00

A roll call vote was taken, and all present voted yea. The Secretary declared the motion carried.

Rodney indicated that KPS has given us a price of \$18,000.00 ***for lining the manhole*** on Willow and he will get additional pricing from other vendors before this is approved.

Curt Oetjen indicated that the City will be proceeding with a program of requiring all appropriate personnel to get a ***CDL*** so that they can legally drive City trucks and equipment.

Motion 15: Crain moved and Bollmann seconded to move to ***EXECUTIVE SESSION*** at 8:24 p.m. for the purpose of discussing personnel. All voted yea and the Secretary declared the motion carried.

Motion 16: Geiselman moved and Bollmann seconded to return to ***Regular Session*** at 8:39 p.m. All voted yea and the Secretary declared the motion carried.

Motion 17: Geiselman moved and Crain seconded to ***adjourn***. All voted yea and the meeting was dismissed at 8:40 p.m.