

WATER/ENVIRONMENTAL COMMITTEE  
September 10, 2015

MEMBERS PRESENT

Aldermen Dorchinecz  
Alderman Budd  
Alderman Vota

MEMBERS ABSENT

Alderman Walters

ALSO PRESENT

Mayor Brotherton  
Superintendent Speagle  
Marc Poling  
Joann Petino  
Nina Wunderlich  
Sharon Kleinik  
Sally Brusveen

Ellen Colbrook  
Charlie Herpstreith  
Chuck Willard  
Gina Watson  
Jackie Willard  
Alderman Burtle  
Alderman Heberling

Chairman Dorchinecz called the meeting to order at 6:03 P.M.

**PROCLAMATION FOR THE DAUGHTERS OF THE AMERICAN REVOLUTION**

Mayor Brotherton presented members of the Daughters of the American Revolution with a Proclamation proclaiming September 17-23,2015 to be Constitution Week in Taylorville.

**MONTHLY STATUS REPORT**

Superintendent Speagle presented the Monthly Status report for August which shows 27% of Lake Taylorville Water was used compared to 73% of Well Water. There were 404 shutoff notices mailed resulting in 40 shutoffs. He also advised there were multiple people on J.U.L.I.E locators most of the week of August 21<sup>st</sup> and they have been concentrating on getting the meter wells installed; when complete they can begin doing monthly billings.

**CATHODIC PROTECTION MAINTENANCE PLAN RENEWAL**

Superintendent Speagle advised there is cathodic protection on the water towers that require periodic maintenance. There is a yearly maintenance agreement with Corpro Co. for the equipment at Cherokee Street Tower, the High School Tower and the South West Tower for \$760.00 each, which is a \$35.00 per tower increase over last year. This covers an annual test and inspection but does not cover replacement parts.

Motion by Alderman Vota and seconded by Alderman Budd to recommend to the City Council to authorize the annual agreement with Corpro Co. for the amount of \$2,280.00 per Superintendent Speagle's recommendation. Motion carried 3-0.

**BIOTTA PILOT FEE APPROVAL**

The Committee reviewed a proposal from AdEdge which is the marketing firm for BIOTTA. BIOTTA is biological removal of nitrates that we are possibly pursuing to acquire for the new treatment plant. The total cost for the pilot is \$80,000.00; there is currently no operating installation of this system anywhere so to prove to the City and to the IEPA that it will function Superintendent Speagle is asking approval to run a pilot program of the treatment on our actual well water which once treated and measured for nitrates and other constituents will be discharged to waste. This system is a brand new process which has been approved in California and one in

Minnesota but not implemented yet. This will be the first in Illinois. With this being the first installation, the company will be sending people here to make sure everything is working well. As it is new, he anticipates people coming to the plant to observe before they make future purchases of the product.

The pilot protocol still has to be approved by IEPA before the City can proceed but he wants to be prepared, so as not to inhibit the process. The cost of the pilot is \$80,000.00 which is shared between the City and AdEdge as both will share in the use of the data; the City to determine if the system works and AdEdge to provide data to other possible purchasers. The City's cost will be \$30,000.00 for the pilot and approximately \$3,000.00 to send and pay for third party sample analysis of certain criteria. There will not be any chemical costs as the acetic acid is being provided by AdEdge which is approximately \$150.00. Brenntag, the City's chemical supplier, is paying for the other two chemicals. There will be a cost for an electrician but it should be minimal.

Superintendent Speagle advised the cost to the City will be approximately \$35,000.00. There is an agreement the Mayor will have to sign. He didn't see a problem with the agreement but didn't have any objections to sending it to City Attorney Romano if the Committee decided to do so.

Motion by Alderman Budd and seconded by Alderman Vota to recommend to the City Council to enter the Biotta/AdEdge Pilot Study at a cost of \$35,000.00. Motion carried 3-0.

### **SURFACE WASH VALVE REPLACEMENT PURCHASE**

Superintendent Speagle would like to purchase a butterfly valve and actuator for the surface wash on filter #3 which recently had a valve break.

Motion by Alderman Vota and seconded by Alderman Budd to recommend to the City Council to allow Superintendent Speagle to purchase a butterfly valve and actuator from Henry Pratt Company at a cost not to exceed \$2,264.00. Motion carried 3-0.

### **ANNEXATION ISSUES**

Chairman Dorchinecz advised he and the Mayor met with Mike Hady and J.C. Olive of Ahlstrom's to discuss annexing the plant into the City. There will be further discussions at next month's meeting.

### **WATER SUPERINTENDENT'S REPORT**

#### **New Plant**

Superintendent Speagle advised they have been meeting about every month; Reggie Benton will be present at the next Water Committee Meeting. They have solidified the design with the exception of Carbon Dioxide feed and Nitrate removal. Superintendent Speagle has a 3D image of the new plant on his computer at the Water Plant if anyone from the Committee would like to view the layout. Mr. Benton should have a footprint of the plant at next month's meeting but they are still making alterations at this point.

They are currently working on the administrative area layout and the aesthetic views of the plant. He presented the Committee with pictures. They are considering the use of KalWall which is a product that lets in diffused natural light in the day but only glows at night as opposed to directing artificial light outward. He had a list of different areas including several in Decatur if the members of the Committee wanted to go view some buildings. Alderman Budd advised the new gym at North School has KalWall in the top panels of the gym.

#### AMR-Automated Meter Readings

The Department is continuing the change out program concentrating on meter wells. They are over half way; have 3,276 AMR's in the system. He stated his goal is to go to monthly billing after the next rate increase which will help residents budget for their water/sewer bill.

#### Verizon

The attorney representing Verizon informed the City Attorney that he was instructed to halt negotiations.

#### Summit Ave

He has met with Mr. McManigell to discuss some of his requests and had a J.U.L.I.E done at this property to possibly remove existing water lines. He is currently waiting on City Attorney Romano before moving forward.

#### **ANY OTHER MATTERS**

Mayor Brotherton advised City Engineer Joe Greene has submitted an Emergency Grant for the collapsing Lift Station. It could be months before there is word on the grant and asked the five Aldermen in attendance if they want Mr. Greene to start working on this project, they all agreed realized the work has to be done.

Motion by Alderman Vota and seconded by Alderman Budd to adjourn. Motion carried 4-0.  
Meeting adjourned at 6:59 P.M.

---

Ernie Dorchinecz, Chairman