



# CITY OF QUINCY

*Department of Utilities & Engineering*

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## **A G E N D A**

Water Committee - Department of Utilities & Engineering  
City Hall – Engineering Department Conference Room #235  
Thursday, January 4, 2018  
4:00 P.M.

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1. Approval of minutes of the December 7, 2017 meeting
2. Public Comment (3 minute limit)
3. Old Business
  - Water Loss
4. New Business
  - Wisman Lane Water Main Extension Bid Results
  - North 12<sup>th</sup> Street School Water Main Extension
  - WWTP Pretreatment Inspection and Violation Notice
  - Waste Water Treatment Plant Report
  - Approval of Bills in Excess of Normal Spending Limitations
  - Monthly Financial Report
  - Late Additions
5. Adjournment



Utilities Committee  
Meeting Minutes  
December 7, 2017

The monthly meeting of the Utilities Committee was held at 4:00 p.m. on Thursday, December 7, 2017 in City Hall Conference Room #235. Members present were Alderman Dave Bauer, Alderman Paul Havermale and Commissioner Dan Cook. Director of Utilities & Engineering Jeffrey Conte, Assistant Corporation Counsel Bruce Alford and Theresa Alford were also present. Alderman Bauer called the meeting to order at 4:00 p.m.

### **Approval of Minutes**

Commissioner Cook, seconded by Alderman Havermale, moved to approve the minutes of the November 9, 2017 meeting as distributed.

### **Public Comment**

No one was present for comments.

### **Old Business**

#### ***Water Loss***

Water loss of treated water pumped into the distribution system for the period of December 1, 2016 through November 30, 2017 was 33.8% which represents the third consecutive month of increases. This averages 2.61 millions of water being lost per day.

#### ***Sewer Service Truck Bed***

The City received a quote from Knapheide Truck Equipment for the furnishing and installation of a service body for the Ford F-350 chassis that was recently purchased for the Sewer Department. The quoted price of \$11,455 also includes various equipment such as a ladder, light bar and strobe lighting.

Action: Send resolution to the City Council with Committee recommendation.

Motion: Havermale

Second: Cook

Motion Carried

### **New Business**

#### ***Water Treatment Plant Failures***

High Service Pump #13 suffered a major seal failure in mid-November that left the pump inoperable. Upon removal, further damage to the impeller and wear rings was found. The pump will be returned to the manufacturer for repairs which will cost approximately \$17,000.

On the morning of November 22<sup>nd</sup>, the bonnet on the gate valve on the discharge side of High Service Pump #11 cracked causing the Water Treatment Plant pump station to flood in a matter of minutes. The pump station was submerged in roughly 8 feet of water prior to the plant being shut down. The plant was off line until 5:00

p.m. while the building was pumped dry, motors removed for baking and other necessary emergency provisions were put into place. The plant operated at reduced capacity until November 28<sup>th</sup> while repairs were being completed and piping was disinfected. The exact cause of the failure is not known, but was likely caused by the High Service Pump #13 failure several days prior.

### ***Water Leak Detection Program RFP***

The City recently requested proposals for leak detection services for the area of Locust to Jefferson Streets from the river front to 12<sup>th</sup> Street. This area contains roughly 85 miles of water mains and the City's oldest pipe infrastructure. Three proposals were received, with the lowest proposal being from Utility Services Association in the amount of \$11,869. The service should produce quick, accurate results by pinpointing an area within a couple of feet of the actual leak. If the program is proven to be successful, the City should look at expanding the detection area.

Action: Send resolution to the City Council with Committee recommendation.

Motion: Havermale                      Second: Cook                      Motion Carried

### ***Waste Water Treatment Plant Report***

A monthly status report for October was received and distributed electronically. Several projects have been completed during the past month. The Spring Lake and Kohl's Lift Stations were recently completed and put into service. Floating aerator units were installed to replace the damaged aeration system which has resulted in improved plant operation. The three wet weather screw pumps have been installed and placed into service by Laverdiere Construction.

The Committee was informed of a raw sewage leak that was discovered near the Whipple Creek Interceptor. This is a 24" clay sewer and crews are looking to find the source of leak.

### ***Approval of Bills***

Conte presented the invoices in excess of the normal \$3,000 spending limitation and requested they be processed in the usual manner.

Action: Approved payment of all bills exceeding \$3,000 and send to City Council with Committee recommendation.

Motion: Cook                              Second: Havermale                      Motion Carried

### ***Monthly Financial Reports***

Conte presented and discussed the monthly financials.

### ***Late Additions - Sprinkling Meter Refunds***

Conte reported that sprinkling meter refunds have been calculated for 2017. There will be refunds/credits issued to 451 accounts totaling \$92,629.80.

Action: Issue refunds to customer accounts.

Motion: Havermale                      Second: Cook                      Motion Carried

## **Adjournment**

With no further items to discuss, the meeting was adjourned.

Motion: Havermale

Second: Cook

Motion Carried

Respectfully submitted,

Jeffrey Conte, P.E.  
Director of Utilities & Engineering  
December 11, 2017