

July 19, 2016

## MUNICIPAL AUTHORITY MINUTES

The Municipal Authority of the Borough of Bedford met at 11:00 a.m. on the above date with Members Larry Johnson, Aaron Berkebile, Michael Taylor and Chris Bullington present. Wastewater Superintendent Gregg Grace, Borough Manager Barbara Diehl, Borough Secretary Beverly Geller, and John Clabaugh, P.E, of Stiffler, McGraw & Associates, Inc. were also present. Absent was Authority Member Scott Moxley along with Solicitor Dean Crabtree and Timothy Cooper, P.E.

Motion by Mr. Taylor, seconded by Mr. Berkebile, to approve the Minutes of the June 28, 2016 regular meeting. Motion approved by unanimous vote (4-0).

Motion by Mr. Bullington, seconded by Mr. Taylor, to approve the list of checks from June 22, 2016 to July 19, 2016 that were paid from the Borough of Bedford's Fund 08 Sewer Account as well as the list of unpaid Municipal Authority Fund 10 Account Invoices. Motion approved by unanimous vote (4-0).

Motion by Mr. Bullington, seconded by Mr. Taylor, to approve the July 19, 2016 Treasurer's Report. Motion approved by unanimous vote (4-0).

Tom Krall, Severn Trent, and Nathan Laucks, Severn Trent Project Manager at Boyertown, were in attendance to observe the meeting and become familiar with the Wastewater Treatment Plant.

Mrs. Lee Griffiths, 634 E. Watson Street, shared her concerns about the Highland Drive Sanitary Sewer Line project. Blueprint was shared by John Clabaugh detailing the updated plan which would minimize the removal of trees and avoid Mrs. Griffiths' driveway. Solicitor Crabtree will reach out to Mrs. Griffiths to give a general orientation and time line.

Motion was made by Mr. Bullington, seconded by Mr. Taylor, authorizing the Highland Drive Sanitary Sewer Line project to bid. Motion carried by unanimous vote (4-0).

Authority Members tabled the discussion of the removal of the dam behind BB&T until August.

Manager Diehl updated Authority Members on the Claim discussion (MABB v. Fidelity & Deposit Company of Maryland and Howard Robson, Inc.) Discussion followed with Mr. Clabaugh suggesting that the PENNVEST final inspection be scheduled and the project be closed.

Manager Diehl shared that a first payment was received from BTMA for Kennametal of \$41,815.84 in June and a second payment in the same amount was received on July 8<sup>th</sup>. A payment was received from BTMA for Wal-Mart Distribution on July 8<sup>th</sup> of \$45,157.30.

Manager Diehl shared that a quote was received from Guyer Brothers in the amount of \$30,400.00 (does not include the meter, backflow preventer and enclosure materials {\$9000.00 to \$10,000.00 additional}) for the installation of a meter pit for a backflow

July 19, 2016

preventer to go above ground at the WWTP. Engineer Clabaugh requested Manager Diehl to have the Water Authority's Engineer (Aaron Keirn) contact him. Wastewater Superintendent Gregg Grace and Engineer Clabaugh concur there is an adequate system in place currently at the facility but would like to further discuss with Engineer Keirn what concerns the Water Authority may have.

### **SUPERINTENDENT'S REPORT:**

1. John Flick is doing well in the lab following Ron Koppenhaver's retirement.
2. We received the recommendation from Sherwin William's for the repair of the UV room paint.
3. On June 28 we received a toxic influent which foamed our SBR's and degraded treatment.
4. We currently need replacement parts (ballasts, bulbs and wiper rings) for Wedeco UV system. The cost is \$3037.50 for 25 UV bulbs (includes 10% discount), \$1512.00 for bulb wiper rings for 1 channel, and \$1070.00 for two replacement ballasts (two bad ballasts will be returned for pro-rate against new ballast cost).

*Total Cost = \$5,619.50*

Motion was made by Mr. Berkebile, seconded by Mr. Bullington, approving the purchase of the replacement parts requested by Mr. Grace (\$5,619.50) along with an additional \$1512.00 for bulb wiper rings for the second channel. Motion was carried by unanimous vote (4-0).

### **ENGINEER'S REPORT**

#### **1. WASTEWATER TREATMENT PLANT**

- There are no new issues from our perspective regarding the lawsuit.

#### **2. HIGHLAND DRIVE SANITARY SEWER REPLACEMENT**

-We are proceeding with a revised option that goes through both the Payne and Griffiths properties and can be ready to go out for bids once it is authorized by the Authority. Not all of the necessary easements have been secured. If the Authority wishes to complete this project during this construction season the project would need to be advertised for bids now with bids to be opened at the August Authority meeting.

#### **3. CONSENT ORDER & AGREEMENT (COA)/ I & I STUDY**

-We are nearly complete with our final report, cost estimates and recommendations. DEP approved a one-month extension to August 31st for submittal of the report. We will have a final draft of the report completed by the end of July. Perhaps we can schedule a special meeting to discuss the contents of the report sometime in the first two weeks of August, before final approval is given at the regular August meeting.

- To summarize where it looks like we are heading with the report recommendations, we are looking at the replacement of sanitary sewers made of terra cotta throughout the system. The total estimated construction cost is

July 19, 2016

approximately \$4.2 Million, without Engineering, Legal, Financing and Contingency added to the cost. We are considering three options at this time:

Option 1- Complete the entire project as a single project. If this option is selected, DEP is most likely to want to see the project completed within 5 years. Then perform additional metering following the project to verify removal of I/I is sufficient to eliminate the CSO.

Option 2- Complete a project on only those areas that are tributary to the CSO and areas that discharge to the system immediately downstream of the CSO within the first 5 years, at a construction cost of approximately \$2.1 Million. Then perform additional metering to verify removal of I/I. Within 10 to 15 years, complete the second phase at a construction cost of approximately \$2.1 Million. The timing of this 2nd project could be moved up if the metering shows that more I/I needs to be removed to eliminate the CSO.

Option 3- Complete a project on only those areas that are tributary to the CSO and areas that discharge to the system immediately downstream of the CSO within the first 5 years, at a construction cost of approximately \$2.1 Million. Then perform additional metering to verify removal of I/I. Over the next 10 years, budget for a project of approximately \$200,000 per year to address the remaining areas. Again, the timing of these remaining projects could be moved up if the metering shows that more I/I needs to be removed to eliminate the CSO.

- In each of the options above it will be necessary to ask the Bedford Township Municipal Authority to continue to work toward elimination of I/I in their system as well. The Borough will also need to continue to be diligent in enforcing the removal of any deficiencies found on private properties that discharge into the system.

**Implementation Schedule  
Municipal Authority of the Borough of Bedford  
2015/2016 Inflow/Infiltration Investigation**

<b><u>Task Date</u></b>	<b><u>Projected Completion</u></b>
Execution of COA	January 26, 2015
Submit Plan to DEP for Investigating I/I	February 26, 2015
Receive DEP Approval of Plan	April 30, 2015
Complete Manhole Inventory	June 30, 2015
Complete Smoke Testing	August 30, 2015
Install Meters for 1 <sup>st</sup> Round	September 15, 2015
Remove Meters	November 30, 2015
Complete Analysis of Flows Recorded and Select Additional Meter Locations	January 15, 2016
Install Meters for 2 <sup>nd</sup> Round	February 15, 2016
Complete Televising Selected Areas	March 30, 2016
Remove Meters	April 30, 2016
Complete Wet Weather Observations	May 30, 2016
Complete Report & Present to Authority	June 30, 2016
Authority Approval of Report Recommendations and Submittal to DEP	July 30, 2016

Authority went into Executive Session at 12:15 p.m.

Authority exited Executive Session at 1:27 p.m.

There being no further business, a motion to adjourn was made at 1:27 p.m.