

March 9, 2020

## MUNICIPAL AUTHORITY MINUTES

The Municipal Authority of the Borough of Bedford met on the above date at 4:00 p.m. with members Matt Bullington, Michael Meehan, Jeremy Speicher and Chris Bullington present. Borough Secretary Beverly Geller, Public Services Director Brad Foor, Solicitor Dean Crabtree and Tim Cooper, PE, of Stiffler, McGraw & Associates, Inc. were also present. Authority Members Larry Myers, Jim Gonsman and Scott Moxley were absent along with Borough Manager Barbara Diehl, Assistant Borough Secretary Misty Hizer and John Clabaugh, PE, of Stiffler, McGraw & Associates, Inc.

Motion was made by Mr. Chris Bullington, seconded by Mr. Meehan, to approve the Minutes of the February 10, 2020 Meeting with one correction of 4:30 p.m. instead of 8 a.m. for an upcoming meeting scheduled with the Bedford Township Municipal Authority. Motion was carried by unanimous vote (4-0).

Motion was made by Mr. Speicher, seconded by Mr. Meehan, to approve the list of unpaid Municipal Authority Fund 10 Invoices from February 11, 2020 to March 9, 2020. Motion approved by unanimous vote (4-0).

Motion was made by Mr. Chris Bullington, seconded by Mr. Meehan, to approve the March 9, 2020 Treasurer's Report. Motion was approved by unanimous vote (4-0).

Motion was made by Mr. Speicher, seconded by Mr. Chris Bullington, to approve Requisition #3-2020 Sewer to transfer \$50,000.00 from Fund 10 to Fund 8 and Requisition #3-2020 Water to transfer \$50,000.00 from Fund 10 to Fund 6. Motion was carried by unanimous vote (4-0).

Mr. Matt Bullington shared information on the replacement of the sluice gate at Manhole C. Kukurin Contracting recommended the 24" gate (\$4,340.00) with labor costs of approximately (\$11,000.00). Lead time is 5 to 7 weeks. Other options have a lead time of a minimum of 10 weeks. Motion was made by Mr. Chris Bullington, seconded by Mr. Meehan, to approve the repair by Kukurin using the 24" gate. Motion was carried by unanimous vote (4-0).

Public Services Director Brad Foor shared that employees are cutting brush at the Smith and Todd Reservoirs. A storm drain replacement list is being drafted to coordinate with future paving.

Mr. Foor shared that filter one is down at the Water Treatment Plant. Media has recently arrived, but the repair is waiting on screens to be delivered. A water break was repaired on Walnut Street. Since the repair, water usage has dropped to 287,000 gallons on the following Saturday, which is the lowest usage recorded for several years. Water meters are scheduled to be read the week of March 16<sup>th</sup> through the 20<sup>th</sup>.

Mr. Foor shared that the raw pump motor was installed at the Wastewater Treatment Plant (WWTP). The WWTP is running well and Mr. Flick is coordinating the spreading of sludge on fields.

**ENGINEER’S UPDATE (Tim Cooper/John Clabaugh):**

**WASTEWATER & WATER**

**1. CONSENT ORDER & AGREEMENT (COA)/ CSO REMOVAL PROJECT**

- Kukurin Contracting (Contract 2019-2) has submitted Pay Estimate No. 4 in the amount of **\$803,662.69** for the Authority to approve for work completed in February. (The payment is separated as follows: Sewer= \$548,393.43, Water= \$255,269.26)

- Continental Construction (Contract 2019-3) has submitted Pay Estimate No. 4 in the amount of **\$430,712.23** for the Authority to approve for work completed in February. (The payment is separated as follows: Sewer= \$324,751.18, Water= \$105,961.05)

- We have prepared requisitions for the Authority to request funds from PENNVEST to pay the Construction and Engineering costs for this month. The PENNVEST requisitions we have prepared are as follows:

- Sewer Requisition No. 3 \$ 922,616.65
- Water Requisition No. 3 \$ 386,205.78

***Motion was made by Mr. Speicher, seconded by Mr. Chris Bullington, to approve the Requisitions from PENNVEST. Motion was carried by unanimous vote (4-0).***

- A Project Budget Status Report is attached. Construction is currently moving along pretty much on schedule. Kukurin is approximately 41% complete with their contract and Continental is approximately 39% complete with theirs.

- For reference, below is the proposed timeline we previously discussed:

<b><u>Task</u></b>	<b><u>COA Date</u></b>	<b><u>Status</u></b>
Begin Project Design	February 1, 2018	Complete
Submit Permit Applications	February 1, 2019	Complete
Complete Final Plan Revisions & Specs	May 1, 2019	Complete
Receive DEP Approval of Permits	June 1, 2019	Complete
Receive Approval of PennDOT HOP	July 1, 2019	9/26/19
Submit PENNVEST Funding Application	August 1, 2019	Complete
Complete Acquisition of Easements	September 15, 2019	9/15/19
Receive PENNVEST Funding Offer	October 31, 2019	Complete
Advertise for Construction Bids	January 1, 2020	Complete
Open Construction Bids	February 15, 2020	7/1/2019
Award Contract for Construction	March 15, 2020	8/20/19
PENNVEST Loan Closing	April 15, 2020	11/26/19
Issue Notice to Proceed for Construction	April 30, 2020	10/14/19
Complete Construction of Phase 1 Improvements	July 30, 2021	
Complete Flow Metering to Determine if Sufficient Flow Removed to Abandon CSO	February 28, 2022	
Develop and Implement Plan for Testing of Private Laterals in CSO Tributary Area	April 30, 2022	
Complete Private Lateral Repairs	November 30, 2022	
Abandon CSO	December 31, 2022	

## **WASTEWATER**

### **1. INDUSTRIAL DISCHARGE LIMITS AND PRETREATMENT**

- Baseline sample acquisition is ongoing. Follow ups with industries are occurring on a case-by-case basis. Bedford Burn Off has not performed any new testing on their new batch process. They are still working on the system and not discharging process water to the sanitary sewer. We have requested an update on the status of the new system to be installed at Kennametal, but have received no response.
- We are continuing with the headworks analysis to determine technically based local limit requirements for the WWTP. Sampling for the analysis will continue through September 2020.
- The Enforcement Response Plan and the Authority regulations have been provided to EPA for review and approval and we are waiting for their response.

### **2. FLOW METERING AT BTMA CONNECTION POINTS**

- We have awarded the contract to Kukurin Contracting at \$566,665.00 and a change order to reduce the contract by \$100,500 has been executed. The new contract amount is \$466,165 and the Notice to Proceed has been issued. We are completing review of submittals for equipment to be provided by the contractor. We will be switching to a cable modem connection at each site with a separate computer tower to be placed at the Wastewater Treatment Plant to record the data. This is expected to result in a deduction from the contractor. Kukurin expects to start construction within 2 weeks and be completed in May.

### **3. CHEMICAL FEED OPTIONS FOR WWTP**

- SMA provided a schematic plan and cost estimate for consideration by the Authority at a previous meeting. We have included costs for this in our budget recommendations for 2020 and can begin working on this design when the Authority wishes to do so. Based on John Flick's recent discussions with Michael Gerardi, consideration is being given to switching from ferrous sulfate addition at the plant to a different chemical. This would not affect the design of the storage tanks and feed system, since the same system could be used for any of the chemicals being proposed. A decision on the chemical to be used will need to be made before any DEP construction permits are submitted.

### **4. ANNUAL CHAPTER 94 REPORT**

- SMA is currently working on the preparation of this annual DEP required report that shows flows and organic loadings experienced at the Wastewater Treatment Plant during the previous year. It also provides a five-year projection of anticipated flows and organic loading at the plant and includes information from BTMA on the operation of their system, including the pump stations. This report is due by March 31<sup>st</sup> and there do not appear to be any projected overloads within the system.

### **5. BTMA AREAS 5 & 6- CARA HEIGHTS/SUNRISE TERRACE & SUNNYBROOK/ HAFER**

- Stiffler McGraw is currently working on design of these sanitary sewer extensions that will add approximately 150 customers to the system. The design is expected to be complete by Spring 2020 and construction could potentially start sometime in early 2021 depending on permitting and funding.

## **WATER**

### **1. J.C. SMITH RESERVOIR DAM/ WATER SYSTEM EVALUATION**

- We have submitted the H2O grant applications for the projects selected by the Authority. The dam projects require a 25% match while the water plant project will require a 33% match. PENNVEST loans can be used as the match. We have provided a response to DEP regarding the Authority's intention to rehabilitate the Smith Dam and provided a copy of the study to them. We have asked for their support of our H2O grant application. No official response has been received from DEP. However, we recently received notification from DEP that the Todd Dam has also been designated as "unsafe." This may actually help with the priority being placed on the project during the evaluation of our grant application.
- We have been negotiating quotes from several geotechnical subconsultants to work with us on the design of the Smith Dam rehabilitation. Once we have received the quotes, we will put together a complete agreement for the design of the Smith Dam improvements only. The subconsultants are reluctant to provide a final quote on the Smith Dam improvements design until we have received a response from DEP that indicates they agree with the recommendations of the study. We expect to have a formal response from DEP shortly based on some recent telephone conversations with them.
- We have answered several questions regarding the other grant application for the Water Treatment Plant and system improvements. Specifically, they indicated that PENNVEST could not be used as a match for the grant money if a PENNVEST application had not been submitted. To satisfy their concerns we were able to obtain a letter from Hometown Bank offering the MABB a line of credit that would cover the matching fund amount. We will not perform any work on these projects until a decision on the H2O grants is announced.

### **2. CHEMICAL FEED OPTION AT WTP**

- SMA provided a schematic plan and cost estimate for consideration by the Authority at a previous meeting. This item was included in the overall water system report as one of 2 schematic options to address chemical feed on the site. This work can be included in the overall water treatment plant project when it is completed. If the overall project is not done, this should be considered separately in 2021.

### **3. EMERGENCY ACTION PLANS (EAP)**

- SMA has updated the EAP for both dams, including inundation maps for both structures. This has all been uploaded to the DEP website and we are waiting for approval.

### **4. DEP REGULATORY ASSISTANCE**

- SMA staff continues to assist the MABB operational staff with updating and generating several reports and plans required by the DEP. Among the things we have been working on are:
  - Filter Bed Evaluation Program proposal has been submitted for M.A.B.B review and is included in the 2020 budget. This was completed in January. Working on the report and media has been sent out to lab for analysis.

- Uninterrupted System Service Plan-ongoing (75% complete) *Due by August 19, 2020*. Although this is nearing completion, we recommend holding off until the due date before submitting it since DEP will require that you begin implementing the plan immediately.
- Source Water Protection Plan- ongoing 15% complete.

## **5. TREATMENT PLANT NPDES PERMIT RENEWAL**

- SMA is assisting with permit renewal application. Work is 5 to 10% complete. This is the permit for discharge of backwash water.

## **6. ANNUAL CHAPTER 110 REPORT**

- SMA is currently working on the preparation of this annual DEP required report that shows system usage and production at the Water Treatment Plant during the previous year. This report is due by March 31<sup>st</sup>.

## **STORMWATER**

### **1. SOUTHWEST BOROUGH FLOODING**

- During recent heavy rain events, many homes in the southwest portion of the Borough experienced severe flooding and washouts, and there have also been issues in areas below the Barclay Manor Development. These have been ongoing issues for many years. It appears that a significant portion of this runoff is coming into the Borough from development within the Township. We were able to meet with the Township Supervisors, PENNVEST and DEP representatives to discuss funding options for potential projects on Monday, July 29<sup>th</sup>. We learned about what types of projects would be eligible and how they could potentially be funded. The Township indicated they would look into the situation and get back to us. The only thing we have received from the Township was a request to mark out areas where we felt curbing should be installed in Barclay Manor. We responded with a conceptual plan showing where we thought curb, inlets, pipes and ditches should be placed within the existing development. We still have not heard from the Township since that information was provided.

Authority Members briefly discussed the bids received for the Borough Building Renovation and a letter received from BTMA in regards to a billing error at REI. Billing was occurring on a fire meter not a domestic meter. A check was forwarded from BTMA for \$52,213.48 – 4,925,800 gallons at the rate of \$10.60 per 1000 gallons.

There being no further business, a motion to adjourn was made at 4:38 p.m.