

February 10, 2020

MUNICIPAL AUTHORITY MINUTES

The Municipal Authority of the Borough of Bedford met on the above date at 4:04 p.m. with members Matt Bullington, Michael Meehan, Jeremy Speicher, Jim Gonsman and Scott Moxley present. Borough Manager Barbara Diehl, 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 and Chris Bullington were absent along with John Clabaugh, PE, of Stiffler, McGraw & Associates, Inc.

Motion was made by Mr. Moxley, seconded by Mr. Speicher, to approve the Minutes of the January 13, 2020 Meeting. Motion was carried by unanimous vote (5-0).

Motion was made by Mr. Gonsman, seconded by Mr. Moxley, to approve the list of unpaid Municipal Authority Fund 10 Invoices from January 14, 2020 to February 10, 2020. Motion approved by unanimous vote (5-0).

Motion was made by Mr. Gonsman, seconded by Mr. Meehan, to approve the February 10, 2020 Treasurer's Report. Motion was approved by unanimous vote (5-0).

Motion was made by Mr. Moxley, seconded by Mr. Meehan, to approve Requisition #2-2020 Sewer to transfer \$50,000 from Fund 10 to Fund 8 and Requisition #2-2020 Water to transfer \$50,000.00 from Fund 10 to Fund 6. Motion was carried by unanimous vote (5-0).

Manager Diehl noted that bid openings for the Borough Building Renovation Project are scheduled for 1:00 p.m. on March 4, 2020 and invited Members of the Authority to attend.

Assistant Borough Secretary arrived at 4:12 p.m.

Manager Diehl tabled discussion on BTMA's request to shut off water to BBWA customers for failure to pay BTMA sewer fees until after further discussion with the Bedford Township Municipal Authority (BTMA) and Manager Amy Melius. A meeting of the two Authorities is scheduled for Wednesday, March 25, 2020 at 4:30 pm. at the Bedford Township Building.

Public Services Director Brad Foor updated Authority Members with the multiple water breaks due to the CSO Projects. There have been 30 water breaks with 8 fixed by the contractor.

Mr. Foor noted there is a sizable leak in the water system and employees are searching daily for the leak utilizing the logger. If not found in the near future, an expert from Pittsburgh will be brought in to find the leak. The leak is causing a loss of 150,000 gallons daily.

Mr. Foor noted that the Water Treatment Plant is working on filter maintenance and the turbidity analyzers. The Wastewater Treatment Plant is repairing manholes. New Employee Andy Barkman is doing well and will soon be covering the Plant on the weekends.

Mr. Foor shared that when filling the sinkhole on Penn Street, PennDOT crushed a sanitary sewer line causing a sewer back up. Kukurin Contracting helped with the repair.

Mr. Foor shared that flushing of the Sanitary Sewer is underway. Mr. Cooper noted that flushing will become more important as Inflow and Infiltration (I/I) is eliminated. Mr. Cooper suggested the entire system be flushed annually. Mr. Cooper also noted that although not hard to accomplish, flushing is time consuming.

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. 3 in the amount of **\$555,192.00** for the Authority to approve for work completed in January. (The payment is separated as follows: Sewer= \$248,970.42, Water= \$306,221.58)

- Continental Construction (Contract 2019-3) has submitted Pay Estimate No. 3 in the amount of **\$556,696.78** for the Authority to approve for work completed in January. (The payment is separated as follows: Sewer= \$403,568.89, Water= \$153,127.89)

- 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. 2 \$ 702,457.44
- Water Requisition No. 2 \$ 486,366.64

Motion was made by Mr. Gonsman, seconded by Mr. Meehan, to approve the Pay Estimates for Kukurin Contracting and Continental Construction. Motion was carried by unanimous vote (5-0).

- A Project Budget Status Report is attached. Construction is currently moving along pretty much on schedule. Kukurin is approximately 23% complete with their contract and Continental is approximately 27% complete with theirs.

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

<u>Task</u>	<u>COA Date</u>	<u>Status</u>
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

- We have completed facility tours of all industrial dischargers, including Kennametal. Baseline sample acquisition is ongoing. Follow ups with industries are occurring on a case-by-case basis. Bedford Burn Off performed testing on their new batch process last month and it failed. They are still working on the system and not discharging process water to the sanitary sewer.
- 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 now reviewing submittals for equipment to be provided by the contractor. Construction can begin when the submittals are approved. Kukurin is now indicating they are bringing in a separate crew to work on the meter installations. They have not provided a start date but we expect the work to begin in early March.

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. 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 response has been received from DEP.

- We have been receiving 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. We are reluctant to get started on the Smith Dam improvements design until we have received a response from DEP that indicates they are in agreement with the recommendations of the study. We will hold off on the other 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.
- Water System Service Map (*non GIS*) is nearly complete (need additional Lead and Copper site locations added to the Map). This is done.
- 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. NOTICE OF VIOLATION

- SMA was made aware of an NOV received by the water system for the filter rehabilitation work that was done earlier this year. The Public Water Supply Minor Permit Amendment has been completed and the permit application was submitted to DEP. The approved permit was received this month.

6. 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.

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 29th. 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.

There being no further business, a motion to adjourn was made at 4:58p.m.