

January 13, 2020

MUNICIPAL AUTHORITY MINUTES

The Municipal Authority of the Borough of Bedford met on the above date at 4:06 p.m. with Members Chris Bullington, Larry Myers, Michael Meehan, Jeremy Speicher, Matt Bullington and Scott Moxley present. Borough Manager Barbara Diehl, Borough Secretary Beverly Geller, Assistant Borough Secretary Misty Hizer, Public Services Director Brad Foor and Tim Cooper, PE, of Stiffler, McGraw & Associates, Inc. were also present. Authority Member Jim Gonsman and John Clabaugh, PE, of Stiffler, McGraw & Associates, Inc were absent.

Motion was made by Mr. Speicher, seconded by Mr. Meehan, to approve the Minutes of the December 2, 2019 Meeting and the Workshop Meeting on December 17, 2019. Motion was carried by unanimous vote (6-0).

Motion was made by Mr. Chris Bullington, seconded by Mr. Moxley, to approve the list of unpaid Municipal Authority Fund 10 Invoices from December 3, 2019 to January 13, 2020. Motion approved by unanimous vote (6-0).

Motion was made by Mr. Moxley, seconded by Mr. Chris Bullington, to approve the January 13, 2020 Treasurer's Report. Motion was approved by unanimous vote (6-0).

Motion was made by Mr. Chris Bullington, seconded by Mr. Speicher, to approve Requisition #1-2020 Sewer to transfer \$150,000 from Fund 10 to Fund 8 and Requisition #1-2020 Water to transfer \$150,000.00 from Fund 10 to Fund 6. Motion was carried by unanimous vote (6-0).

Solicitor Crabtree entered the meeting at 4:12 p.m.

Jim Wehling was in attendance to discuss one of the Contractors for the CSO Project using his lot for parking equipment and materials. Mr. Wehling noted that he did not bring the use of the lot to the attention of the Contractor because he was looking for a Zoning Variance or change to the Ordinance from Borough Council. Mr. Cooper noted that Mr. Wehling needed to work with the Contractor on the issue and that the equipment was moved the same day as a Comment Form was dropped off at the Borough Office. Manager Diehl explained to Mr. Wehling that the two issues were not related and he should have contacted the Borough Office immediately with the concerns on his property related to the large water/sewer project.

Mr. Wehling noted that the large concrete barriers were no longer located behind the King Buffet at the river and wanted to know the long term plans for that area. Mr. Wehling noted that the area has been used in the past for a kayak launch. Mr. Cooper noted that the DEP mandated CSO Project would eliminate the Combined Sewer Overflow, but that a hand valve would remain along with the 20 ft. easement. Mr. Wehling exited the meeting at 4:33 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, January 15, 2020.

Manager Diehl distributed the 2020 Budget books.

Public Services Director Brad Foor noted that Public Works is in winter mode, the Water Treatment Plant is doing filter evaluations and personnel are looking for water breaks monthly. At the Wastewater Treatment plant the garage roof is being installed and monitors are being moved in the collection system.

ENGINEER’S UPDATE:
WASTEWATER & WATER

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

- Kukurin Contracting (Contract 2019-2) has submitted Pay Estimate No. 2 in the amount of **\$328,092.12** for the Authority to approve for work completed in December.
- Continental Construction (Contract 2019-3) has submitted Pay Estimate No. 2 in the amount of **\$282,059.67** for the Authority to approve for work completed in December.

Motion was made by Mr. Myers, seconded by Mr. Moxley, to approve Pay Estimates 2 from Kukurin Contracting and Continental Construction. Motion was carried by unanimous vote (7-0).

- We have separated the costs within each contract between water and sewer and prepared requisitions for the Authority to request funds from PENNVEST to pay these requests, and to reimburse your funds and LOC for all project costs to date. The PENNVEST requisitions we have prepared are as follows:

Sewer Requisition No. 1 \$1,182,615.41
Water Requisition No. 1 \$ 331,136.87

- A Project Budget Status Report is attached. Construction is currently moving along pretty much on schedule. Kukurin is approximately 10% complete with their contract and Continental is approximately 12% 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.
- We received notice from Kennametal this month that the corporate office had approved the expenditure to install a new pretreatment facility at their plant.

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 still waiting for submittals of equipment to be provided by the contractor. Construction can begin when the submittals are approved. It is our understanding that Kukurin is planning to use crews currently on site to complete the work.

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.

5. BTMA CESSNA HEIGHTS SANITARY SEWER EXTENSION

- BTMA recently completed construction of an extension of sewer service to 17 homes in the Cessna Heights area. The project was partially completed with CDBG funds. All the piping is installed and tested with only final restoration remaining to be completed. Customers will begin connecting to the system in soon.

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 are still waiting for 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 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 will be included in the overall water treatment plant project when it is completed.

3. EMERGENCY ACTION PLANS (EAP)

We received a letter dated April 2, 2019 from the DEP regarding the Todd Spring Reservoir Dam. Within that letter, DEP reminded MABB of their obligation to complete an updated EAP for this facility. They are also requiring a rehabilitation plan to be prepared which would address the spillway structure. This was evaluated as part of the overall system evaluation. At some point, the Authority will need to verify their intentions relative to the upgrades to the Todd Reservoir and approve of a schedule for these activities prior to responding to DEP. Now that the Smith Reservoir is to be rehabilitated, the EAP for that facility is also overdue to be updated. SMA has updated the EAP for both dams, including inundation maps for both structures and 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:

- Comprehensive Monitoring Plan is complete and has been submitted for DEP approval. DEP has requested additional Tier 1 sampling locations to be added to the plan. A total 40 tier 1 locations have been requested. This is done.
- Filter Bed Evaluation Program proposal has been submitted for M.A.B.B review and is included in the 2020 budget. This is scheduled to be completed this week.
- 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. No response has been received.

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 curb 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 5:30 p.m.