

June 8, 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, Jim Gonsman, Scott Moxley, and Chris Bullington in attendance. Borough Manager Barbara Diehl, Assistant Borough Secretary Misty Hizer, Public Services Director Brad Foor, Solicitor Dean Crabtree and Tim Cooper, PE, of Stiffler, McGraw & Associates, Inc. were also present. Authority member Larry Myers, Borough Secretary Beverly Geller and John Clabaugh, PE, of Stiffler, McGraw & Associates, Inc. were absent.

Visitors in attendance included Dave Frye of 313 N. Thomas Street and Matt Hahn with Continental Construction.

Motion was made by Mr. Chris Bullington, seconded by Mr. Gonsman, to approve the Minutes of the May 19, 2020 Meeting. Motion was carried by unanimous vote (6-0).

Motion was made by Mr. Moxley, seconded by Mr. Chris Bullington, to approve the list of unpaid Municipal Authority Fund 10 Invoices from May 12, 2020 to June 8, 2020. Motion approved by unanimous vote (6-0).

Motion was made by Mr. Speicher, seconded by Mr. Gonsman, to approve the June 8, 2020 Treasurer's Report. Motion was approved by unanimous vote (6-0).

Dave Frye discussed storm water issues at his family's property located at 313 N. Thomas Street. Mr. Frye has an existing storm water ditch that he would like to install storm pipe in and cover it up to allow additional access and better use of the property in the future. Engineer Cooper expressed concerns about the inadequate size of existing downstream storm pipe and the possible creation of a new problem upstream if this ditch is filled in. Mr. Cooper said a study would have to be conducted in order to determine the appropriate size of pipe that would be necessary in that area, as well as any upstream scenarios that would arise. Mr. Cooper estimated a study would cost approximately \$1,000 - \$1,500 to complete. Manager Diehl inquired about re-directing flows west instead of south. Mr. Cooper stated the aforementioned study would look at re-direction as well. A motion was made by Mr. Gonsman and seconded by Mr. Meehan to proceed with a study in the amount of \$1,000 - \$1,500. Motion approved by unanimous vote (6-0).

Matt Hahn with Continental Construction was present to discuss the paving of Lafayette Avenue, Indiana Avenue and Hammer Street. These streets were not scheduled to be paved until 2021, but due to excessive deterioration from the water/sewer project, paving will need to be completed in 2020. Continental Construction provided a quote to the Authority; however, Mr. Speicher was concerned about the longevity of the proposed work. Mr. Chris Bullington expressed concerns about the creation of additional stormwater issues. Engineer Cooper noted that similar work has been done in neighboring communities and it has held up well. Manager Diehl noted that changing specifications could result in costs doubling. Due to the concerns, specifically with Lafayette Avenue, Manager Diehl suggested Lafayette Avenue be quoted separately. A motion was made by Mr. Gonsman and seconded by Mr. Chris Bullington to obtain a separate quote for additional milling, sub-base and overlay for Lafayette Avenue.

Mr. Gonsman exited the meeting at 4:46 p.m.

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Manager Diehl briefed the Authority on the residential stormwater concerns of Richard Hite on Echo Vale Drive. Mr. Hite has requested a dry well system be installed. The topic was tabled until Engineer Cooper has a chance to discuss stormwater runoff originating from Bedford Township with Township Supervisor Greg Crist.

Manager Diehl tabled the discussion regarding 2021 paving until the July meeting to allow time to speak with George Spinelli at PennDOT.

Manager Diehl updated the Authority on the Borough Building Renovation. The Public Works department has vacated the building and temporarily relocated their operations while construction is underway. The Bedford Fire Department has until June 21, 2020 to vacate their side of the building. Abatement is scheduled to begin June 22, 2020. Solicitor Crabtree noted that condemnation was filed for 238 W. Penn Street and we are waiting to see if any preliminary objections are filed.

Manager Diehl shared the preparation of the 2019 Consumer Confidence Report (CCR) is complete and on schedule to be distributed accordingly. Availability of the report was noted on the first quarter 2020 water/sewer bills that went out to all customers on April 15, 2020. Bulk deliveries of printed copies will be delivered to local businesses, industries and multi-family units. Additional printed copies will be available in the Borough office.

Motion was made by Mr. Speicher and seconded by Mr. Moxley to authorize bidding of Liquid Propane Gas for the Water Treatment Plant and Wolfsburg Pump Station. Motion was approved by unanimous vote (5-0).

Public Services Director Brad Foor shared that employees have completed a storm pipe repair on Mann Street and will begin blacktopping.

Mr. Foor shared that the filter one repair at the Water Treatment Plant (WTP) is working well. Unaccounted for water has decreased to 10% or less.

A water leak was recently discovered behind the firehall. The repair of the leak behind the firehall has reduced loss rates below 20%.

Mr. Foor shared that the Wastewater Treatment Plant (WWTP) is running well.

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. 7 in the amount of \$683,303.37 for the Authority to approve for work completed in May. (The payment is separated as follows: Sewer = \$411,033.27, Water = \$272,270.10).

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- Continental Construction (Contract 2019-3) has submitted Pay Estimate No. 7 in the amount of \$561,963.65 for the Authority to approve for work completed in May. (The payment is separated as follows: Sewer = \$278,527.19, Water = \$283,436.46).

- 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. 7 \$ 283,424.72 (Engineering = \$29,232.18, Interest = \$1,859.18)

Water Requisition No. 7 \$ 527,240.25 (Engineering = \$31,342.33, Interest = \$1,651.42)

Motion was made by Mr. Moxley, seconded by Mr. Meehan, to approve Pay Estimate No. 7 from Kukurin Contracting and Pay Estimate No. 7 from Continental Construction along with PENNVEST Sewer Requisition No. 7 and PENNVEST Water Requisition No. 7. Motion carried by unanimous vote (5-0).

- A Project Budget Status Report is attached. Construction is still ahead of schedule and we expect all work to be complete by mid to late July. Kukurin is approximately 73.7% complete with their contract and all pipe is in the ground. Continental is approximately 79.1% complete with theirs with relatively little pipe remaining to be installed.

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

Task	COA Date	Status
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	

2. DALESMEN DISTILLERY/BREWERY

- Last week, we had a teleconference with the Architects and Engineers for this building regarding the water and sanitary sewer connections to serve this building. During that meeting, we were asked what the Authority regulations are for the installation of a grease trap. As you will recall, our review of the records found that several years ago the Authority discussed a revision of the Rules & Regulations to include a requirement for grease traps, but it appears this was never formally adopted. We had to answer the Dalesmen representatives honestly by saying that while the Authority is currently considering grease trap regulations, there currently are no regulations in place. We told them we definitely want to see a grease trap on this facility and will work with them as they develop a design for the grease trap. Due to site constraints, the trap may need to be installed within the building.
- I believe the Authority members were previously provided a revision was adopted by the Bedford Township Municipal Authority and is included in their Rules and Regulations. It is recommended that the Authority reconsider adopting these requirements in the event this situation comes up again in the future.
- We also made the Dalesmen representatives aware they will be subject to the requirements of the industrial discharge regulations as they are implemented.

3. BEDFORD AREA HIGH SCHOOL EXPANSION

- We previously performed a review of the proposed land development plans for the expansion project. A copy of our review letter was provided to Manager Diehl. The Engineers for the school district are working on a response to our comments. There are several issues the designers will need to address regarding water, sanitary sewer, and storm water. The provision of a grease trap may also potentially become an issue on this project. It appears they are removing an existing grease trap, but do not show that it will be replaced with a new grease trap. As is the case with the distillery, we do not have any regulations we can refer to for proper sizing, construction, and maintenance of the trap. It is my understanding that they will be presenting their updated plans next week at the Borough Council Workshop session. They have not yet asked us for any grease trap requirements.

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 updated batch process. It is our understanding that they are low on production and not generating enough process discharge to get the representative samples we would need. They are still not discharging process water to the sanitary sewer and because of the current low flows, it may be more economical to continue hauling waste. We have not received any updates on the status of the new system to be installed at Kennametal, but they have been providing manifests of material being hauled away to Amy at BTMA.
- 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.

2. FLOW METERING AT BTMA CONNECTION POINTS

- Kukurin Contracting is nearing completion of the metering sites and has all the manholes in place with only electrical service remaining to be completed. They have submitted Pay Estimate No. 2 in the amount of **\$298,539.90** for the Authority to review and approve.

- Once the electrical service has been completed, we will be scheduling a start-up and a final inspection.

Motion was made by Mr. Chris Bullington, seconded by Mr. Meehan, to approve Pay Estimate No. 2 from Kukurin Contracting for the Metering Project. Motion carried by unanimous vote (5-0).

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 investigations, 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 this Summer and permit applications will be submitted. The BTMA has chosen to put a hold on the construction of this work for the time being and will decide at a later date when to proceed with construction.

WATER

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

- We submitted 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 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 and apparently has been delayed because they have not been allowed in their offices since mid-March. We were previously told that the H2O grants would be announced in July but recently received official word they will be delayed until at least September because of the shutdown.

- We have negotiated quotes from several geotechnical subconsultants to work with us on the design of the Smith Dam rehabilitation and have decided to work with Rizzo, which is the consultant that performed the review during our study. We are now working to put together a complete agreement for the design of the Smith Dam improvements only. We are reluctant to provide a final agreement for the Smith Dam improvements design until we have received a response from DEP that indicates they agree with the

recommendations of the study. We expected to have a formal response from DEP already, based on some recent telephone conversations with them, but that may have been delayed by the shutdown and their inability to go to their offices.

Mr. Chris Bullington exited the meeting at 5:19 p.m.

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 responded to comments from DEP. The information has been uploaded and we are waiting for DEP 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 was completed in January. Working on the report, which is 80% complete and we are waiting media analysis that was sent to a laboratory.
- Uninterrupted System Service Plan-ongoing (75% complete) *Due by August 19, 2020*. A draft of the plan was recently provided to John Whitmore for review and comment.
- Source Water Protection Plan- ongoing 15% complete.

5. TREATMENT PLANT NPDES PERMIT RENEWAL

- SMA is assisting with permit renewal application. Work is about 60% complete. This is the permit for discharge of backwash water and the submittal is due by July 4th.

6. CLARK WATER EXTENSION

- We received revised plans and additional submittals for this line extension, based upon our initial review. There are still some issues we should have before construction begins. Guyer Brothers will be doing the work for Clark and we expect construction to begin shortly after the outstanding issues have been addressed. Stiffler McGraw will provide a full-time inspector on site during construction. The costs will be invoiced to the Authority and Clark will reimburse the Authority for those costs.

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 formally heard from the Township since that information was provided. I was told by Township Supervisor Chairman Greg Crist that they are “working on something.”

-I intended to discuss this with Greg Crist at the June 3rd BTMA meeting, but that was rescheduled for June 10th. I plan to ask him for an update at that meeting and will report back to you.

There being no further business, a motion to adjourn was made at 5:26 p.m.