

THE MUNICIPAL AUTHORITY OF THE BOROUGH OF BEDFORD
MONTHLY AGENDA
2nd MONDAY OF EACH MONTH @ 4:00 P.M.

PRESENT:

- | | |
|---|--|
| ___ MATT BULLINGTON, CHAIRMAN | ___ BARBARA DIEHL, BOROUGH MANAGER |
| ___ LARRY MYERS, 1 ST VICE CHAIRMAN | ___ BEVERLY GELLER, BOROUGH SECRETARY |
| ___ CHRIS BULLINGTON, 2 ND VICE CHAIRMAN/TREASURER | ___ MISTY HIZER, ASST. BOROUGH SECRETARY |
| ___ JIM GONSMAN, SECRETARY | ___ BRAD FOOR, PUBLIC SERVICES DIRECTOR |
| ___ SCOTT MOXLEY, ASST. SECRETARY/ASST. TREASURER | ___ TIM COOPER, AUTHORITY ENGINEER/SMAI |
| ___ JEREMY SPEICHER, AUTHORITY MEMBER | ___ JOHN CLABAUGH, AUTHORITY ENGINEER/SMAI |
| ___ MICHAEL MEEHAN, AUTHORITY MEMBER | ___ DEAN CRABTREE, AUTHORITY SOLICITOR |

OTHERS PRESENT:

CALL TO ORDER

MINUTES OF MEETING(S): May 19, 2020 Meeting

Approved As Submitted – Motion _____ Second _____ Vote (____ - ____)

Approved As Corrected – Motion _____ Second _____ Vote (____ - ____)

Modifications:

CHECKS: May 12, 2020 to June 8, 2020 - To approve the attached list of unpaid Municipal Authority Fund-10 Account Invoices.

Approved As Submitted – Motion _____ Second _____ Vote (____ - ____)

Approved As Corrected – Motion _____ Second _____ Vote (____ - ____)

Modifications:

TREASURER’S REPORT: June 8, 2020

Approved As Submitted – Motion _____ Second _____ Vote (____ - ____)

Approved As Corrected – Motion _____ Second _____ Vote (____ - ____)

Modifications:

REQUISITIONS:

Approved As Submitted – Motion _____ Second _____ Vote (____ - ____)

Approved As Corrected – Motion _____ Second _____ Vote (____ - ____)

Modifications:

VISITORS RECOGNIZED:

- Dave Frye – 313 N. Thomas Street: Storm water issues

OLD AUTHORITY BUSINESS:

BID OPENINGS (if any):

➤

PENNVEST PROJECT (JENS DAMGAARD, ESQUIRE):

➤

SOLICITOR’S REPORT:

➤

BOROUGH MANAGER’S REPORT:

- Residential Concerns
 - Richard Hite (Echo Vale Drive) – Dry Well System Request
- 2021 Paving
- Borough Building Renovation Project/Update on Fire Dept. Project
- The 2019 (EOY) Water Quality Report was prepared and printed – this report was referenced on the quarterly billing. *The reference saves the Authority the expense for printing/mailing of 2500 pieces as we have done in the past.* A total of 500 was printed/folded by P/S Printing – this small amount will be placed on the front counter, bulk dropped to certain locations throughout the borough and sent via mail (per request). Thank you to Tobias Nagle for completion of this annual report.
- Motion to authorize bidding of Liquid Propane Gas for the Water Treatment Plant and Wolfsburg Pump Station.

Motion _____ Second _____ Vote (____ - ____)

PUBLIC SERVICE DIRECTOR’S UPDATE (Brad Foor):

- Public Works Department update
- Water Treatment Plant update
- Wastewater Treatment Plant update

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)
- 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, Interest 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 to authorize Pay Estimate No. 7 for Kukurin Contracting in the amount of \$683,303.37, Pay Estimate No. 7 for Continental Construction in the amount of \$561,963.65, Sewer Requisition No. 7 in the amount of \$283,424.72 and Water Requisition No. 7 in the amount of \$527,240.25.

Motion _____ Second _____ Vote (____ - ____)

- 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	February 28, 2022	

Sufficient Flow Removed to Abandon CSO
Develop and Implement Plan for Testing
of Private Laterals in CSO Tributary Area
Complete Private Lateral Repairs
Abandon CSO

April 30, 2022

November 30, 2022

December 31, 2022

- Attached is a copy of the spreadsheet that shows the additional work that was completed on the project as we discussed a few months ago. No new items have been added to list since we last reviewed it with the Authority. When we last discussed this, we anticipated that we would need to go into the contingency for approximately \$255,000. However, upon reviewing where we are currently, and with the work remaining to be completed, we are projecting that the Kukurin contract will come in approximately \$76,000 under the original contract amount, while the Continental will be approximately \$137,000 over the original contract amount. This means we are only anticipating that we would need to go into the contingency for about \$61,000. Of course, this can change as actual field measured quantities come in over the next couple of months. This is just being provided to show you that appears that we will be able to complete the work and remain well within the overall project budget.

- I provided information to each of you regarding the reconstruction of Lafayette Avenue, Hammer Street and Indiana Avenue. We can discuss that information in further detail and determine how the Authority wishes to proceed.

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 that 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.

➤ Motion to authorize Pay Estimate No. 2 in the amount of \$298,539.90.

Motion _____ Second _____ Vote (____ - ____)

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

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.

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.

NEW AUTHORITY BUSINESS:

➤

CHAIRPERSON’S BUSINESS:

➤

ADJOURNMENT: Motion _____ Time _____

REMINDERS:

- Monthly Authority Meeting ~ Monday, July 13th @ 4:00 p.m.**
- Monthly Authority Meeting ~ Monday, August 10th @ 4:00 p.m.**
- Monthly Authority Meeting ~ Monday, September 14th @ 4:00 p.m.**
- Monthly Authority Meeting ~ Monday, October 12th @ 4:00 p.m.**
- Monthly Authority Meeting ~ Monday, November 9th @ 4:00 p.m.**
- End of Year Budget Meeting ~ Monday, November 30th @ 4:00 p.m.**
- Monthly Authority Meeting ~ Monday, December 14th @ 4:00 p.m.**