

Bedford Borough Water Authority

The Bedford Borough Water Authority met on the above date with the following Authority Members present, Thomas Oster, Jeremy Speicher, Matt Bullington, Larry Myers and Sarah Calhoun. Borough Manager Barbara Diehl, Borough Secretary Beverly Geller, Water Department Superintendent Brad Foor and Aaron Keirn, P.E. of the EADS Group were also present. Solicitor Dean Crabtree was absent. Borough Assistant Secretary Misty Hizer arrived at 4:03 pm.

Motion was made by Mr. Bullington, seconded by Mrs. Calhoun, to approve the Minutes of the December 18, 2017 Regular Meeting. Motion carried by unanimous vote (5-0).

Motion was made by Mr. Speicher, seconded by Mr. Myers, to approve the list of checks from December 19, 2017 through January 15, 2018. Motion carried by unanimous vote (5-0).

Motion was made by Mr. Myers seconded by Mrs. Calhoun, approving the January 15, 2018 Treasurer's Report. Motion carried by unanimous vote (5-0).

Superintendent Foor shared the following:

- ONGOING - Further discussion with Authority on Sale of Timber – Tom O'Neil
- Update on Cross - Training of new employees.
- Frozen line – Pitt Street (frost was 18" deep)
- Plant Receiving Well Issues – giving false numbers, shuts down, able to control from home
- Used Todd Reservoir only beginning December 11, 2017 (30 days) – used 6 million gallons; dropped 2 ft (full- 30.05 ft, 12 million gallons); quality is steady. Full day supply for system is 2" with no supplementation from other sources.
- Meeting with Jim Edwards on Jan 15 in regards to four wheelers – looking to add a gate at the end of the road at Tidytown

Manager Diehl shared the most recent Water System Report data available:

- The water elevation in the Smith Reservoir is below the spillway by 4.12'.
- The water elevation in the Todd Reservoir is below the spillway by 1.28'.
- The Smith Reservoir is 5.60' higher than it was last year. The Todd Reservoir is 1.12' lower than it was last year.
- In December, we recycled an average of 88,000 gpd from the filters and clarifiers back into the Todd Reservoir.
- The average daily minimum river flows in December were approximately 62.37 % of last year's flows.
- 2018 year to date total gallons pumped from the Raystown Branch of the Juniata River = 4.465 MG. Through the end of January 2017, we pumped 12.779 MG and through the end of January 2016, we pumped 20.892 MG.
- In December 2017, the average daily WTP production of water was .331 MGD. In December of 2017, the average daily WTP Production of water was .533 MGD.

- 2018 year to date total precipitation = 1.32". Through the end of January 2017, we had 4.33" of precipitation and through the end of January 2016 we had 1.65" of precipitation.

Manager Diehl tabled additional discussion on payment arrangements and pool credits until February 2018.

Motion was made by Mr. Bullington, seconded by Mrs. Calhoun,

- To approve signing the Letter of Intent with RER Energy Group – for development, installation and operation of a solar array, totaling an estimated 1,340kW ground-mount solar photovoltaic facilities to be located near the Todd Reservoir, following final Negotiation and Feasibility Analysis;
- Formal approval for Bedford Borough to commit up to 4 acres of land and 20% of the prepayment on electricity amount needed and;
- To approve signing of Resolution 02-2018 stating the Bedford Borough Water Authority met on Tuesday, January 9th (along with members of Borough Council and the Municipal Authority of the Borough of Bedford) and agreed to pursue the project with RER provided the grant is received from the CFA Program.

Motion was carried by unanimous vote (5-0).

ENGINEER'S REPORT

1. Reservoirs / Dams

A. J.C. Smith Reservoir Dam:

i.) *"Rehabilitation Alternatives Evaluation and Conceptual Plan"* dated April 2017 was submitted to DEP for review / comment on 10/27/2017. **Letter update sent to DEP on 1/12/18.**

ii.) Well Field Development:

- Proposals for test well installation on the Foor Tract: Eichelberger's and Dillan returned pricing. Dillan's costs were \$15,123.90 for a single well, and \$28,992.80 if two wells were drilled in a single mobilization. Eichelberger's costs were \$21,508.46 for a single well, and \$41,983.32 if two wells were drilled in a single mobilization.
- Received County Conservation District approval via email to proceed with test well drilling work.
- Dishong Well Field: Authority to remove existing pump(s). Contact Casselberry when pump(s) removed to schedule well investigation / testing work. Estimated cost for Casselberry is about \$2,500.

B. Annual Dam Inspections - 2018 inspection field work to be scheduled for April.

2. Water Line Replacement Projects:

- John Street Water Line Upgrade: \$450,000 estimated + \$90,000 engr. and related costs
Motion was made by Mr. Myers, seconded by Mr. Bullington, to approve the Engineering Services Agreement for Design, Bidding, and Construction Admin. - Estimated \$42,000 for basic services and \$5,500 for additional services (PADOT permit, etc.). Motion was carried by unanimous vote (5-0).

- Motion was made by Mr. Myers, seconded by Mr. Speicher, to approve
 - 1) Applying for a grant through Commonwealth Financing Authority - Accepting applications for Small Water and Sewer Grant program until end of February 2018. Projects from \$30,000 - \$500,000 are eligible. 15% match required. North Side Water System Improvement project proposed. Total estimated project cost is \$495,000. Authority 15% match is \$74,250.
 - 2) Adopting resolution 01-2018: "A RESOLUTION OF THE BEDFORD BOROUGH WATER AUTHORITY DESIGNATING THE AUTHORITY CHAIRMAN AND VICE CHAIRMAN AS THE OFFICIALS TO EXECUTE ALL DOCUMENTS AND AGREEMENTS BETWEEN THE BEDFORD BOROUGH WATER AUTHORITY AND THE COMMONWEALTH FINANCING AUTHORITY TO FACILITATE AND ASSIST IN OBTAINING THE REQUESTED FUNDING."
 - 3) Signing a Commitment Letter - committing 15% match from Authority funds; Operation and Maintenance Statement.

Motion was carried by unanimous vote (5-0).

3. Miscellaneous Items -

- A. **Capital Improvements Projects list and estimated costs** – *DRAFT copy of updated project list with cost estimates provided for review and discussion in preparation for 2018 budget.*

- B. **Drought Contingency Plan** – *Revised DRAFT plan forwarded to Authority staff for review - trigger levels need to be re-evaluated to reflect current operating conditions. Recommend developing new agreement with BTMA to reflect current operating and supplemental water supply conditions. Borough Water Authority representatives met with Township Municipal Authority representatives on March 8, 2017 to discuss shared water services, interconnections, wells, agreement, etc. Met with Township reps. on 10/26/2017 and 11/22/2017. **Meet w/ BTMA reps. again in January 2018?***

- C. **Cross Connection Control Program** - *Met with Mervac rep. and Borough reps. at the site on 9/20. Revising layout - need to limit water service interruption to WWTP to no more than 2 hrs. Recommend installing a new 4" backflow preventer at a cost of approx. \$1,700 instead of relocating existing device installed in the WWTP (discontinued style, heavy, requires more room for installation). **Discuss revised layout with Mervac rep.***

D. **Clark Water Line Extension** - *Met with the Clarks and their engineer on July 5. They are planning to connect to existing water line south of Highland Drive and install private water line along Donahoe Manor Road. Plan for "Water Service Lateral for Clark Contractors, Inc." submitted on 10/4/17. Plan shows a 2" water line with a master meter installed at the connection to the Authority's existing water line along Donahoe Manor Road. Prepared comment letter for Borough Manager's signature - emailed to Clark on 10/29/2017. No response from Clark.*

E. **WTP Clearwell and Wolfsburg Raw Water Pumps** - One clearwell pump and one raw water pump removed and shipped to Sulzer Pumps Service Center in New Jersey on December 20, 2017. Received quotes for pump rebuild work on January 12, 2018 (motor inspection results / recommendations not available yet):

Raw Water Pump Rebuild -	\$35,469.00 (parts and labor)
WTP Clearwell Pump Rebuild -	\$29,642.00 (parts and labor)

Original budget estimate from November 2017 to rebuild one (1) raw water pump was \$21,486.00.

Approval was not granted to proceed with pump rebuild work until additional information is received from Sulzer.

F. **WTP Operations Assistance Services** - Ongoing - as needed.

There being no further business, a motion to adjourn was made and carried at 5:05 p.m.

Bedford Borough Water Authority

The Bedford Borough Water Authority met on the above date with the following Authority Members present, Thomas Oster, Jeremy Speicher and Matt Bullington. Borough Manager Barbara Diehl, Assistant Borough Secretary Misty Hizer, Water Department Superintendent Brad Foor, Solicitor Dean Crabtree and Aaron Keirn, P.E. of the EADS Group were also present. Authority Member Sarah Calhoun and Borough Secretary Beverly Geller were absent.

Motion was made by Mr. Bullington, seconded by Mr. Speicher, to approve the Minutes of the March 19, 2018 Regular Meeting. Motion carried by unanimous vote (3-0).

Motion was made by Mr. Speicher, seconded by Mr. Bullington, to approve the list of checks from March 20, 2018 through April 16, 2018. Motion carried by unanimous vote (3-0).

Motion was made by Mr. Bullington, seconded by Mr. Speicher, approving the April 16, 2018 Treasurer's Report. Motion carried by unanimous vote (3-0).

Authority Member Larry Myers arrived at 4:07 pm.

Superintendent Foor shared that cross training of employees continues. Tom O'Neal, O'Neal Forestry, is suggesting a Change Order to add the timbering of the additional acreage for the Solar Panel site to the existing contract. June 1, 2018 is a possible finish date for cutting of the Solar Panel site.

Manager Diehl shared the most recent Water System Report data available:

- The water elevation in the Smith Reservoir is above the spillway by 0.82'.
- The water elevation in the Todd Reservoir is below the spillway by 1.88.
- The Smith Reservoir is 8.82' higher than it was last year. The Todd Reservoir is 1.51' lower than it was last year.
- In March, we recycled an average of 88,000 gpd from the filters and clarifiers back into the Todd Reservoir.
- The average daily minimum river flows in March were approximately 94.28% of last year's flows.
- 2018 year to date total gallons pumped from the Raystown Branch of the Juniata River = 20.371 MG. Through the end of March 2017, we pumped 27.143 MG and through the end of March 2016, we pumped 39.271 MG.
- In March 2018, the average daily WTP production of water was .444 MGD. In March of 2017, the average daily WTP Production of water was .588 MGD.
- 2018 year to date total precipitation = 11.61". Through the end of April 2017, we had 13.44" of precipitation and through the end of April 2016 we had 6.75" of precipitation.

Manager Diehl shared that members of Council, the Water Authority and the Municipal Authority met on Monday, March 26, 2018 for initial discussion on combining the Water Authority/Municipal Authority (into one new Municipal Authority overseeing Water/Sewer/Stormwater) and eventually creating a new infrastructure team amongst the

employees. Mr. Oster spoke with Solicitor Crabtree and requested a paragraph be added to the Memorandum of Understanding noting the document is not a legally binding contract between the parties.

Discussion on combining of the Authorities included union thoughts on the process, debt of the Authorities, co-mingling of funds, combining of pension plans, the number of members (7) for a combined Authority.

Mr. Oster noted that former Water Authority Chairman, Randy Mellott, noted that the Water Authority can break away and operate as a separate business, performing billing, etc. Solicitor Crabtree clarified that Council created and can dissolve the Water Authority.

Motion was made by Mr. Bullington, seconded by Mr. Myers, to grant approval for the transfer of Jens Damgaard's Water Authority files from Rhoads & Sinon to Eckert Seamans. Mr. Damgaard is now an employee of Eckert Seamans. Motion was carried by unanimous vote (4-0).

Manager Diehl shared that Brian Bloom, The EADS Group, submitted the Chapter 110 Report on March 28, 2018 and the Water Allocation Report was submitted on April 11, 2018. Manager Diehl received confirmation of receipt and acceptance by DEP.

ENGINEER'S REPORT

1. Reservoirs / Dams

A. J.C. Smith Reservoir Dam:

- i.) *"Rehabilitation Alternatives Evaluation and Conceptual Plan" dated April 2017 submitted to DEP for review / comment on 10/27/2017. DEP email response on 1/23/18: "...In general, the Department believes that either of the proposed dam rehabilitation concepts would be acceptable. A more detailed review will be conducted upon determining if the Authority will repair or breach the dam."*

*Reviewing scope, fees, and schedule based on dam breach option. **Contacted DEP to discuss permitting (Chapter 105 Water Obstructions / Encroachments). Attempting to schedule meeting at site (Smith Reservoir) to view conditions and discuss permitting requirements. Looking at 10:30 AM on April 25th, or May 15th or 16th. Mr. Oster, Mr. Myers, Manager Diehl and Mr. Keirn will meet DEP at the Smith Reservoir on Wednesday May 16, 2018 at 10:30 am.***

- ii.) Well Field Development:

- *Foor Tract - Driller Proposals Received: Dillan - \$15,123.90 single well / \$28,992.80 two wells drilled in a single mobilization; Eichelberger - \$21,508.46 single well / \$41,983.32 two wells drilled in a single mobilization. Received County Conservation District approval via email to proceed with test well drilling work. **No updates***

- Dishong Well Field: **I recommend that we contact Casselberry to schedule well investigation / testing work if the Authority wants to proceed.** From Casselberry's 11/8/17 email: *After the pumps are removed, C&A would test each well as follows: Down the borehole video inspections would be performed to document the construction of the wells and the depths of their water-bearing horizons. A 25-gpm test pumping system would be installed in each well and 4-hour long pumping tests would be performed with continuous monitoring of drawdown, pH, temperature, turbidity and TDS levels. If the TDS levels are less than the 500 mg/l drinking water limit, and the drawdown data indicates the wells are productive, water samples would be collected for lab analysis of key inorganic parameters (alkalinity, hardness, sulfate, iron, manganese, nitrate, sodium and chloride). After the testing is completed, C&A would analyze the data and prepare a report documenting the feasibility of developing a public water supply well on the Dishong Tract. C&A's estimated cost for the testing and reporting is \$2500.*

After discussion on using Clark Drilling from Everett, PA or Casselberry & Associates, a motion was made by Mr. Myers, seconded by Mr. Bullington, to have Casselberry (professional geologist) test the wells at the Dishong Well Field. Motion was carried by unanimous vote (4-0).

Discussion followed on buying water in bulk from Bedford Township Municipal Authority (BTMA). Mr. Speicher would like to maintain autonomy while Mr. Oster supports purchasing water from BTMA. Mr. Myers noted that without data on the Dishong Wells it is difficult to make an informed decision.

- B. Annual Dam Inspections - 2018 inspection field work to be scheduled for April. I will update the Emergency Action Plans using the new CEMPlanner electronic format.

2. Water Line Replacement Projects:

- A. **Contract No. 2018-01: East John Street Water Line Replacement** - Final Design Construction Cost Estimate = \$460,000; PADOT HOP application submitted - pending approval - Highway Restoration and Maintenance Bond will be required; Soil E & S Control Plan approved; Opened Bids on Wednesday, April 11:

<i>Guyer Brothers, Inc.</i>	\$408,121.25
Diehl Contracting LLC	\$429,678.00
D J Wisor & Sons	\$452,763.00
Gordon Delozier, Inc.	\$499,240.00*
<i>*(Note bid calculation error - written total on bid was <u>\$514,840.00</u>)</i>	
D & M Contracting	\$499,250.00
Glen Johnston, Inc.	\$511,800.00

Schedule:

Award Contract at Regular Authority Meeting - April 16, 2018
Start Construction (after school ends) - June 4, 2018

Mr. Keirn recommended awarding the contract to Guyer Brothers, Inc. for \$408,121.25

Motion was made by Mr. Myers, seconded by Mr. Speicher, to award the contract for the East John Street Water Line Replacement to Guyer Brother, Inc. in the amount of \$408,121.25. Motion was carried by unanimous vote (4-0).

- B. Commonwealth Financing Authority - Application for North Side Water System Improvement Project was submitted. Total estimated project cost is \$495,000. Authority 15% match is \$74,250. **No updates**
3. Miscellaneous Items -
- A. **Capital Improvements Projects list and estimated costs** – *See updated project list with cost estimates dated October 2017. No updates*
- B. **Drought Contingency Plan / Supplemental Water Source** – *Updated Drought Plan in draft form. Review trigger levels to reflect current operating conditions. Borough Water Authority representatives met with Township Municipal Authority representatives on March 8, 2017 to discuss shared water services, interconnections, wells, agreement, etc. Met with Township reps. on 10/26/201, 11/22/2017, and 1/25/2018. As of March 19, 2018, the Borough and Township Authorities are working on a new agreement to reflect current operating and supplemental water supply conditions. No updates*
- C. **Cross Connection Control Program** - *Met with Mervac rep. and Borough reps. at the site on 9/20. Revising layout - need to limit water service interruption to WWTP to no more than 2 hrs. Recommend installing a new 4" backflow preventer at a cost of approx. \$1,700 instead of relocating existing device installed in the WWTP (discontinued style, heavy, requires more room for installation). Conducted another site meeting with Mervac representative on 2/19/18. Reviewed and discussed revised layout with Mervac. They don't think it can be done within a 2-hour time limit. Probably at least 4 hours to get the tees, valves, and bypass line installed before water service to the WWTP will be back on.*
- D. **Clark Water Line Extension** - *Met with the Clarks and their engineer on July 5. They are planning to connect to existing water line south of Highland Drive and install private water line along Donahoe Manor Road. Plan for "Water Service Lateral for Clark Contractors, Inc." submitted on 10/4/17. Plan shows a 2" water line with a master meter installed at the connection to the Authority's existing water line along Donahoe Manor Road. Prepared comment letter for Borough Manager's signature - emailed to Clark on 10/29/2017. No updates*

- E. **WTP Clearwell and Wolfsburg Raw Water Pumps** - *One clearwell pump and one raw water pump removed and shipped to Sulzer Pumps Service Center in New Jersey on December 20, 2017. Revised quotes for pump rebuild work dated February 1 & 2, 2018:*

<i>Raw Water Pump Rebuild -</i>	<i>\$44,330.00 (parts and labor)</i>
<i>WTP Clearwell Pump Rebuild -</i>	<i>\$33,764.00 (parts and labor)</i>

*Sulzer is proposing to provide new bowl assemblies with stainless steel impellers. Dimensions of new bowl assemblies are slightly different than the existing pumps that are being replaced. We're checking dimensions of the existing pump openings to make sure they will fit. Authorization to proceed with pump rebuild work (both pumps) was sent to Sulzer after the February meeting. **WTP Clearwell Pump is complete (Authority sent payment); Wolfsburg Raw Water Pump should be complete by April 16 and both pumps ready for shipment after April 16. Make final payment to Sulzer and we'll coordinate return shipping date with Authority staff and contractors for installation.***

- F. **WTP Operations Assistance Services** - Ongoing - as needed.

There being no further business, a motion to adjourn was made and carried at 5:28 p.m.

Bedford Borough Water Authority

The Bedford Borough Water Authority met on the above date with the following Authority Members present, Thomas Oster, Jeremy Speicher and Sarah Calhoun. Borough Manager Barbara Diehl, Borough Secretary Beverly Geller, Water Superintendent Brad Foor and Aaron Keirn, P.E. of the EADS Group were also present. Authority Members Matt Bullington and Larry Myers along with Solicitor Dean Crabtree were absent.

Motion was made by Mr. Speicher, seconded by Mrs. Calhoun, to approve the Minutes of the May 21, 2018 Regular Meeting. Motion carried by unanimous vote (3-0).

Motion was made by Mrs. Calhoun, seconded by Mr. Speicher, to approve the list of checks from May 22, 2018 through June 18, 2018. Motion carried by unanimous vote (3-0).

Motion was made by Mr. Speicher, seconded by Mrs. Calhoun, approving the June 18, 2018 Treasurer's Report. Motion carried by unanimous vote (3-0).

Misty Hizer, Assistant Borough Secretary, joined the meeting at 4:04 pm.

Manager Diehl shared that an agreement is to be drafted by Solicitor Crabtree for the purchase of water between the Water Authority and the Bedford Township Municipal Authority (BTMA).

Superintendent Foor shared that cross training of employees continues with Tanner Ripple becoming more familiar with plant operations. DEP is scheduled to visit the plant June 19, 20 and 21, 2018. Patching is occurring from the water breaks that occurred earlier in 2018. The trees have been cut at the Solar Panel Project site.

Manager Diehl shared the most recent Water System Report data available:

- The water elevation in the Smith Reservoir is above the spillway by 0.82'.
- The water elevation in the Todd Reservoir is below the spillway by 0.14'.
- The Smith Reservoir is 6.42' higher than it was last year. The Todd Reservoir is 0.16' higher than it was last year.
- In May, we recycled an average of 87,000 gpd from the filters and clarifiers back into the Todd Reservoir.
- The average daily minimum river flows in May were approximately 66.76% of last year's flows.
- 2018 year to date total gallons pumped from the Raystown Branch of the Juniata River = 24.101 MG. Through the end of June 2017, we pumped 60.736 MG and through the end of June 2016, we pumped 100.643 MG.
- In May 2018, the average daily WTP production of water was .494 MGD. In May of 2017, the average daily WTP Production of water was .538 MGD.
- 2018 year to date total precipitation = 22.53". Through the end of June 2017, we had 23.29" of precipitation and through the end of June 2016 we had 14.41" of precipitation.

Manager Diehl reminded the Authority that members of Council, the Water Authority and the Municipal Authority met on Monday, March 26, 2018 for initial discussion on combining the Water Authority/Municipal Authority (into one new Municipal Authority overseeing Water/Sewer/Stormwater). Manager Diehl noted that a second meeting was held with Committee Members on Tuesday, May 29, 2018 along with a meeting with the Union (Margaret Smolko) and a conference call with PMRS Representatives on Thursday, May 31, 2018.

Manager Diehl shared that Council President Tim Weaverling will propose individuals for the new combined Authority at the July 2, 2018 Council Meeting.

Manager Diehl shared a request from BTMA to shut off water to BBWA customers for failure to pay BTMA sewer fees. Attorney Crabtree stated BTMA has the right to direct the shut-off of water by BBWA, however, it would be the responsibility of BBWA to post notices and actually do the shut-offs. BTMA could send notices to its customers informing them of their request to BBWA for shut-off if their account is not paid by a certain date. Attorney Crabtree also noted that there would need to be good communication between the BTMA and BBWA to ensure there hasn't been any last-minute payments before shut-offs commence. BBWA is permitted to charge BTMA for additional clerical costs, as well as the cost of shut-off. All shut-offs involving residential tenants are required to be in compliance with the Utility Service Tenants Rights Act (USTRA), which basically requires at least 37 days' notice to the landlord and at least 30 days' notice to the tenant before shut off can occur. Authority members asked that a meeting with BTMA be scheduled to work out the details and suggested if shutoffs proceed that a BTMA employee be onsite also during the shut offs.

Manager Diehl shared that the 2017 Water Quality Report was printed and it will be inserted into the Borough Newsletter and distributed the week of June 25, 2018. Manager Diehl thanked Engineer Keirn for completion of the annual report.

Mr. Oster suggested placing the Water Quality Report online and not mailing in the future. He noted that older generations are becoming more computer savvy and able to view the report online.

Motion was made by Mrs. Calhoun, seconded by Mr. Speicher, to authorize the bidding for Liquid Propane Gas for the Water Treatment Plant and Wolfsburg Pump Station. Motion was carried by unanimous vote (3-0).

ENGINEER'S REPORT

1. Reservoirs / Dams

A. J.C. Smith Reservoir Dam:

- i.) *"Water Services / Sources Analysis"* dated March 15, 2018 presented during previous meetings. Discussion / comment ? Please let me know if there are any questions.

ii.) Dam Breach Option - Analysis of downstream conditions (existing and post-breach) required to determine impact of restoring reservoir stream flows to the original downstream channel. Work includes field surveys of downstream channel and drainage structures, computer modeling, and preparation of Hydrologic and Hydraulic Report. Preliminary fee estimates are in the range of \$30,000 - \$45,000. Looking into possibility of analyzing conditions at the house first (reduced scope and fees) - analysis of entire channel at least to Rt. 30 will likely be eventually required.

iii.) Well Field Development:

- Foor Tract - **No updates**
- Dishong Well Field: **Haven't heard from Casselberry regarding schedule for well investigation / testing work.** *Scope of Work: borehole video inspections; 4-hour long pumping tests with continuous monitoring of drawdown, pH, temperature, turbidity and TDS levels; If the TDS levels are less than the 500 mg/l drinking water limit, and the drawdown data indicates the wells are productive, water samples would be collected for lab analysis of key inorganic parameters (alkalinity, hardness, sulfate, iron, manganese, nitrate, sodium and chloride); prepare a report documenting the feasibility of developing a public water supply well on the Dishong Tract. C&A's estimated cost for the testing and reporting is \$2500.*

B. Annual Dam Inspections - **Completed field work in April.** I will update the Emergency Action Plans using the new CEMPlanner electronic format.

2. Water Line Replacement Projects:

A. **Contract No. 2018-01: East John Street Water Line Replacement**

Project Status - Contractor: Guyer Brothers, Inc.

Notice To Proceed – June 4, 2018

Final Payment (Completion) – August 17, 2018 (75 calendar days)

Contract Amount - \$408,121.25

Contract Time Elapsed (as of 6/18/18) – 12 days (8%)

Work Completed (as of 6/18/18) - \$0 (0 %)

Work completed since last Authority meeting: Pre-construction meeting.

Payment request this month: None

B. PADOT Highway Occupancy Permit issued.

- C. Commonwealth Financing Authority - *Application for North Side Water System Improvement Project submitted. Total estimated project cost is \$495,000. Authority 15% match is \$74,250. No updates*
3. Miscellaneous Items -
- A. **Capital Improvements Projects list and estimated costs** – *See updated project list with cost estimates dated October 2017. No updates*
- B. **Drought Contingency Plan / Supplemental Water Source** – *Updated Drought Plan in draft form. Review trigger levels to reflect current operating conditions. Borough and Township Authorities working on a new agreement to reflect current operating and supplemental water supply conditions. No updates*
- C. **Cross Connection Control Program - Backflow Preventer at Borough Garage / WWTP** - *Reviewed and discussed revised layout with Mervac. They don't think it can be done within a 2-hour time limit. Probably at least 4 hours to get the tees, valves, and bypass line installed before water service to the WWTP will be back on. Last report indicated that the wastewater plant operators / staff planned to complete the installation.*
- D. **Clark Water Line Extension** - *They are planning to connect to existing water line south of Highland Drive and install private water line along Donahoe Manor Road. Plan for "Water Service Lateral for Clark Contractors, Inc." submitted on 10/4/17. Plan shows a 2" water line with a master meter installed at the connection to the Authority's existing water line along Donahoe Manor Road. Prepared comment letter for Borough Manager's signature - emailed to Clark on 10/29/2017. No updates*
- E. **WTP Clearwell and Wolfsburg Raw Water Pumps** - **Both pumps installed.**
- F. **WTP Operations Assistance Services** - as needed.

There being no further business, a motion to adjourn was made and carried at 4:42 p.m.