

BETHEL PARK MUNICIPAL AUTHORITY

REGULAR MEETING

August 10, 2023

The August 10, 2023 BPMA Board Meeting was a regularly scheduled meeting held at the Piney Fork Wastewater Treatment Plant.

Chairman Alan Stone called the meeting to order at 7:00 PM. Present for roll call: Messers.: Alan Stone, Jim Hannan, David Brodnos, Bruce Beaver, Daniel Cheberenchick and William Ruhl. Also present: Mr. Daniel Goodwin and Ms. Anaya Espadas of Wade Trim; Mr. Joseph Gaydos, Solicitor; Mr. Scott Dunn, WWTP Plant Supervisor; Mr. Jake Miller, Assistant Plant Supervisor; Ms. Abigail Corrigan, Bethel Park Environmental Engineer; and Mr. John Oakes, Bethel Park Councilman, Ward 3.

Minutes

Mr. Hannan motioned to approve the July 27, 2023 Minutes. Mr. Cheberenchick seconded. Roll call was unanimous. motion passed.

Correspondence

There was no correspondence.

Facilities Discussion/ Superintendent Report

Mr. Dunn and Mr. Miller reported on the WWTP and LRPS.

WWTP

- *Headworks Project- They are in the final cleanup stage for the Headworks Project drawings.
- *Staff dropped and cleaned both final clarifiers last week.
- *The alum is definitely settling a lot more sludge in the bottom of the tanks.
- *NPDES Permit- Mr. Dunn, Mr. Miller, Mr. Gaydos and Mr. Goodwin will meet with Mr. Kevin Garber, Babst Calland and the DEP on August 16, 2023 to discuss the NPDES Permit.
- *The staff did another cleaning on the UV bulbs.
- * A water station will receive a temporary fix until the system is replaced during the Headworks Project.

LRPS

- *The staff did service on the roof. New washable filters are on order to replace the filters that rotted.
- *The pressure reducing valve setup that has been discussed on numerous occasions in the past with the Authority is part of the JP Environmental Project.

Interceptor Lining Project (ILP)

The Board will discuss later in the meeting the BPMA response to Insituform's offer regarding closing out the ILP contract.

- *The overflow pipe in the Clifton Road manhole is sealed off and is not an issue.
- *The representatives for the new Motorcycle Shop Development at the Clubhouse will need to submit the required drawings and documents to South Park for approval to proceed.

Regulatory Testing

Mr. Miller reported on the lab testing. July 2023 was the first month of testing using the new NPDES Permit parameters.

- *BOD was fine at 9.0 mg/L
- *The testing results for boron, iron, zinc and aluminum were all above the new parameters. Other testing results were below or at the parameters. Copper was also below parameters. Phosphorous was at 2.5 mg/L which is also above parameters of 2.0 mg/L. The Board discussed the amount alum feed needed to get the phosphorous down.

South Park Township Conveyance System Projects

Mr. Beaver reported on South Park's Conveyance System Projects.

- *Mr. Balewski, South Park Engineer, is working on projects for the 2024 CDBG.
- *They are waiting for Jet Jack to be available to finish their contract.
- * Dye testing continues.
- *They are waiting for Allegheny County to put out for bid the 2023 CDBG Project.
- *They are cctving and cleaning pipes to look for problematic areas for 2024 repairs.
- *The GIS is communicating with and accessible to Bethel Park.

Bethel Park Municipal Conveyance System Projects

Ms. Corrigan reported on Bethel Park's Conveyance System Projects.

- *There has been no additional lining or repair work since the last Board meeting.
- *The manhole rehab project is complete. Ms. Corrigan is waiting on the data and upon receipt she will invoice the work.
- *CCTV crews were pulled out of Bethel Park this week due to rain emergencies in other areas. There were no emergencies in Bethel Park or overflows in the system from this rain event.
- *Orchard Ave. Overflow Area- Ms. Corrigan and some Municipal colleagues will do field work to see if there is anything obvious (low lying fresh air vents) taking on water.

In addition, Ms. Corrigan stated that they have a proposal from ADS to do a micro-monitoring project for Bethel Park as a pilot study to determine if they can narrow down where the excessive I and I is coming from. This pilot study will also give Ms. Corrigan an opportunity to see the ADS product and data and decide if it fits Bethel Park's needs.

A Municipal Storm Water Project currently in design for the Sherwood Road area which is expected to be bid in February 2024.

At the same time, the BPMA has a Bond Issue Project for sanitary upsizing in this area. Using the map, Mr. Dunn explained the locations where the Municipality storm water work will be done and where the BPMA line upsizing will be done. Mr. Goodwin will coordinate the storm and sanitary work schedule with Gateway Engineers.

The Board discussed what work will be done for the upsizing, estimated costs and Bond funds available.

Mr. Oakes advised the Board that the dam part of the storm water project is on hold until the Municipality goes back to the Grant writers to ask for an extension since the Municipality did not get the permit on time.

Ms. Corrigan added that the upstream storm water work scheduled for February 2024 can be coordinated with the BPMA since it does not involve the dam.

Wade Trim Professional Services Report

Mr. Goodwin reported on Wade Trim's Projects.

*TAPS- Mr. Goodwin showed the TAP Tracking Form which will now include South Park's TAPS. The TAP information will be tracked and sent to the DEP as requested.

Mr. Dunn requested that Mr. Beaver get the total number of EDU's for Summit Station from Ms. Karen Fosbaugh, South Park Township Manager, so that the number can be added to the tracking information.

Collection Systems Projects

***Interceptor Lining Project (ILP)** - Mr. Goodwin advised the Board that the Insituform contractor for the ILP is no longer working for Insituform.

Mr. Goodwin is working with an Insituform representative to close out the ILP contract. They are discussing resolving the \$94,500 in liquidated damages that Insituform accrued. He added that with the credits Insituform owes the total amount of credit and liquidated damages is \$130,000.

Mr. Goodwin explained offers Insituform made to do additional work to cover the \$94,500. He also explained the challenges of doing another lining project when we don't know what the Headworks costs will be because of inflation.

The BPMA does not want to have Insituform do more work and end up owing money.

At the Engineers' Meeting, the engineers' discussed a known problem area where water is pouring in to the sanitary sewer system near the Trolley Bar and BP Station.

Mr. Dunn and Mr. Goodwin suggest having Insituform do the work in this specific area for the \$ 94,500 so that the contract can be closed out.

The Board discussed the costs of the work and pipe sizes with the discounted rates. The Board wants the total amount owed to be used for work on the sanitary sewer system. The Board agreed that if Insituform does not want to do the work, the BPMA will take the liquidated damages and close the contract out.

Mr. Goodwin will draft a proposal with drawings and specific manholes for Insituform. Mr. Gaydos will review the proposal before sending it to Insituform.

***Bethel Park Elementary School (BPES)**

Mr. Goodwin advised the Board that he received a request from HRG Engineers to tie-in to a different location from their original proposal. Mr. Goodwin and Ms. Corrigan explained the problems with changing tie-ins because new flow studies may be needed and the uncertainty about the NAMS building use. Wade Trim will investigate the tie-in request.

Consent Order

Mr. Goodwin and Ms. Corrigan reported on the Consent Order.

McLaughlin Run- Ms. Corrigan attended the McLaughlin Run Engineers' Meeting yesterday. Mr. Goodwin was not available due to a scheduling conflict. Ms. Corrigan stated that a Memorandum of Understanding (MOU) should be complete when the entire McLaughlin Run Group meets at the end of August 2023.

Yesterday the Engineers discussed the scope of the modeling for clarity and what is being targeted by the modeling study. There were some preliminary runs of the model using climate input for the existing conditions model and comparing that to more contemporaneous flow monitoring data on the upstream side if things within Bethel Park and the upper areas of Upper St. Clair (USC). They matched up very well. There are potential hydraulic discrepancies further down near where the line connects with ALCOSAN. The modelers are working to resolve discrepancies within the model so that the model will accurately capture data.

Ms. Corrigan does not anticipate that the model will require full recalibration.

Mr. Stone stated that Mr. Gaydos will review the MOU when the BPMA receives it.

Saw Mill Run- Mr. Goodwin reported that the discrepancies between the model and the Bethel Park GIS are being resolved through field work.

Brush Run- Mr. Goodwin stated that the BPMA received notification from 3 Rivers Wet Weather that USC reviewed Consent Order Exhibit B and refuted the BPMA's information. Mr. Goodwin explained that the BPMA owns a very small portion of Brush Run. Mr. Goodwin and Ms. Corrigan will schedule a meeting with USC next week to discuss the details of what USC is planning to do in Brush Run before agreeing with their plans.

The Board discussed USC plans for Brush Run Watershed, the changes to Exhibit B and what portion the BPMA owns of the watershed.

Using the map, Ms. Corrigan advised the Board that the change USC proposes to Exhibit B is to measure compliance at the point of connection to ALCOSAN as opposed to the more upstream point. The Allegheny Health Department has approved this change.

Ms. Corrigan added that another change to the updated Exhibit B of the Consent Order that 3 RWW is using to resolve discrepancies between communities is in the lower Saw Mill Run (SMR) Area, Lower SMR had a different flow number than what the BPMA proposed due to an inch mile adjustment by Castle Shannon. The number the BPMA proposed is 906 the changed number is 1171. This is a small change but it is a change to a legal document. None of the changes to Exhibit B will change the BPMA compliance strategies. Ms. Corrigan is concerned that the proper legal procedures are followed when a change is made. Mr. Gaydos will review the updated Consent Order Exhibit B.

Headworks Project

Mr. Goodwin reported on the Headworks Project.

Permits- Mr. Goodwin is still waiting on the Joint Permit. He had a response from the individual doing the technical review who inquired about the rip rap. Mr. Goodwin will review options for a more green friendly material for the ripp -rapp and will send a proposal to the individual doing the technical review.

Heat Exchanger- JP Environmental was the low bidder at \$108,000 which was substantially lower than the next low bidder. JP Environmental reviewed their bid numbers and verified that they are satisfied with the bid. The documents submitted were appropriate and Wade Trim recommends that contract be awarded to JP Environmental for \$108,000.

Mr. Stone read the contract documents to the Board. The Contract Number is Section 005200A Contract Number 1 for General Construction between Bethel Park Municipal Authority and JP Environmental for a Heat Exchanger

**Installation Project awarded to JP Environmental, LLC for \$108,000.
Roll call was unanimous. Heat Exchanger Project is approved.**

Mr. Goodwin will send the agreements to JP Environmental tomorrow. The heat exchanger will be delivered to the Plant August 21, 2023.

South Park

Mr. Goodwin received a response from South Park on Wade Trim's latest review for the Headworks Environmental Planning Design. There was 1 minor item that needed addressed which Ms. Espadas took care of today. Wade Trim will submit the necessary documents and copies to South Park and anticipates being on the South Park Planning Commission schedule on September 23, 2023.

NPDES Permit

Mr. Goodwin reiterated that there is a meeting scheduled for August 16, 2023 with Mr. Goodwin, Mr. Gaydos, Mr. Dunn, Mr. Miller, Mr. Garber, Babst Calland, and the DEP to discuss the NPDES Permit.

Emergency Entrance to the Plant

Mr. Goodwin reported that Gateway Engineers submitted a consent letter to Wade Trim with their requirements. Mr. Goodwin will have the requirements completed. Mr. Gaydos will need to get the agreements for right of ways (sanitary sewers, easements, power company, fire department) for the 3 properties.

SCADA Purchase

Mr. Stone stated that the Board had previously approved him to act and execute on the purchase order from Elcon Technologies for the pre-purchase of new SCADA equipment only for \$42,097. The equipment is for the Headworks Project. The existing SCADA equipment will not be retrofitted at this time since new equipment is coming out. Mr. Stone explained that Elcon would invoice the BPMA when the equipment comes in and hold it at their facility for delivery when the Headworks Project is ready.

The Board discussed the SCADA equipment purchase. The Board agreed on the purchase.

GIS System

As previously stated the South Park GIS is communicating with Bethel Park's GIS. Wade Trim is working on some changes to make the system more useful for user needs or requests.

Grants

Mr. Goodwin has no update on the H2O grant. He added that Representative Ms. Summer Lee, PA 12th District, sent a letter in support of the BPMA Grant application.

Mr. Goodwin has reached out to PENNVEST for possible lower term loan financing for BPMA projects.

Allegheny County South Park

Mr. Goodwin stated that the County has done all the work in the Park the BPMA requested with the exception of the lining to the warehouse.

Miscellaneous

Sharepoint

Mr. Stone demonstrated progress on Sharepoint. BPMA reports, documents, requisitions and Board Minutes will be filed by date in Sharepoint for ease of locating information.

3 Rivers Wet Weather

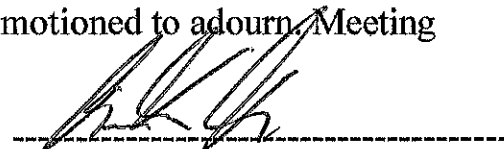
The 3 Rivers Wet Weather Meeting is November 1 and 2 2023 in Monroeville. Mr. Stone asked any Board members who wish to attend to register at the August 24, 2023 Board meeting.

Treasurer's Report

Mr. Cheberenchick reported on the accounts held at The Bank of New York Mellon as of July 31, 2023.

Mr. Stone explained that BNYM requested certificate of completion letters for Construction Funds 2013 and 2020. The letters were executed and provided by Mr. Goodwin. Mr. Stone advised that Wade Trim continue to reduce the 2020A funds through payment for smaller services so that the BPMA Capital Funds will be in Construction Fund 2020 B. The Board agreed.

With no further business to discuss, Mr. Ruhl motioned to adjourn. Meeting adjourned at 8:07 PM.



Bruce Beaver, Secretary