

BETHEL PARK MUNICIPAL AUTHORITY

REGULAR MEETING

September 14, 2023

The September 14, 2023 Regular Meeting start was delayed for quorum reasons.

Before the meeting was called to order, Mr. Emery Levick, US Asset Management, LLC and his associate Mr. Michael Flaherty discussed general investment strategy with the attendees.

Key points discussed included:

\*Arbitrage calculation and arbitrage pros and cons.

\*Interest rates and money market rates.

\*BPMA investments (government bonds, treasuries, commercial paper) are backed by the USA government.

\*Ginnie Mae investments for cash flow.

\*The importance of the drawdown schedule for timing to move investments to insure that cash funds are available when needed.

Mr. Levick answered general questions from the group.

**Call to Order**

The September 14, 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 7:20 PM.

**Roll Call**

Mr. Beaver, BPMA Secretary, called the roll.

Present for roll call: Messers. Alan Stone, Jim Hannan, David Brodnos, and Bruce Beaver. Also present: Mr. Daniel Goodwin and Ms. Anaya Espadas of Wade Trim; Mr. Joseph Gaydos, Solicitor; Mr. Scott Dunn, WWTP Plant Supervisor and Mr. Jake Miller, Assistant Plant Supervisor; and Ms. Abigail Corrigan, Bethel Park Environmental Engineer.

Also attending the meeting: Ms. Kristen Denne, Bethel Park Municipal Manager; Mr. Tim Moury, Bethel Park Council President; Mr. John Oaks, Bethel Park Council, Ward 3, and Mr. Emery Levick and Mr. Michael Flaherty of US Asset Management, LLC.

Mr. Ruhl and Mr. Cheberenchick were excused.

**Approval of the September 21, 2023 Minutes**

**Mr. Hannan motioned to approve the September 21, 2023 Minutes. Mr. Brodnos seconded. Roll call was unanimous. Motion passed 4-0.**

**Correspondence**

Mr. Beaver presented the following correspondence to the Board:

A letter, dated September 7, 2023, to Mr. Alan Stone.

RE: USA South Hills Landfill

Review of Landfill Leachate Analysis

Mr. Goodwin explained that the report is an annual summary of leachate results and flows from Waste Management from the 3<sup>rd</sup> quarter of 2022 through the 2<sup>nd</sup> quarter of 2023.

Mr. Goodwin discussed the table Parameters Regulated by Agreement, the table Flow Regulated by Agreement results and credits (under the agreement)/ deficits (over the agreement). For the year ending June 30, 2023 there was a credit of 1,680, 433 gallons.

Mr. Goodwin stated that there was one excursion on the ammonia nitrogen which exceeded the limit of 300mg/l during the 4<sup>th</sup> quarter of 2022. He added that the landfill leachate pond was not active during the 10-10-2022 sampling date and the other 3 quarters were within limits.

The Board discussed the results.

**Chair Announcement**

Mr. Stone advised the Board that the Treasurer, Mt. Cheberenchick, and Assistant Treasurer, Mr. Ruhl, were both excused. Therefore, an Acting Assistant Treasurer needed to be appointed for check signing and reporting of the BNYM Financial Statement for August 2023.

**Mr. Hannan motioned to appoint Mr. Brodnos as Acting Assistant Treasurer. Mr. Beaver seconded. Roll call was unanimous. Motion passed 4-0. Mr. Brodnos is the appointed Acting Assistant Treasurer.**

**Treasurer's Report** Mr. Brodnos reported on the accounts held at the Bank of New York Mellon through August 31, 2023.

Mr. Stone advised Mr. Beaver of the Portfolio Summary packet handout for the BPMA prepared by US Asset Management.

**Bond Financial Update-Capital Development Project**

**WWTP Headworks Project**

Mr. Goodwin distributed a packet with the details of the Wade Trim Final

Construction Estimate for the Headworks. The packet contains a summary sheet and specific details of the project by description, quantity, unit, unit amount, total amount and explanation notes as needed.

Mr. Goodwin discussed the summary sheet which is the final engineer's estimated cost of the project. The summary includes an estimated construction cost as of September 2023, an expected Association for the Advancement of Cost Engineering (AACE) range of -10% to +15% (Class 1 Estimate) and the pre-purchase equipment cost. The Engineer's Estimated Opinion of Construction and Pre-Purchase Equipment cost is \$31,103,644.00.

Additionally, the estimate includes the Engineering CM Services, including a full time inspector (approx. 5.8% of construction cost) of \$1,794,000.00

The Total Estimated Cost of the Headworks Project including Construction Management Services is \$32,897,644.00.

Mr. Goodwin explained what factors contributed to the estimated project cost. The total cost resulted in a \$10 million plus funding shortfall.

The Board discussed the cost of the project and potential funding sources.

### **Potential Funding Sources**

#### **H2O Grant**

Mr. Stone updated the Board on the H2O Grant. The grant is in the consideration process.

#### **PENNVEST**

Mr. Goodwin stated that PENNVEST is still a viable option. Wade Trim and the Municipality have completed their portions of the application documentation required. The documents have been submitted to the Municipality debt service processors for additional documentation.

When the BPMA receives the needed debt service documentation the PENNVEST application can proceed. The BPMA can then find out if it is still a candidate for the funding.

Mr. Moury stated that the Municipality, as the guaranteeing agent, Council will need to approve PENNVEST funding.

Mr. Beaver added that South Park will need to know the monthly cost of their portion.

The Board discussed getting on the Bethel Park and South Park meeting agenda schedules.

#### **Additional Funding Options**

Mr. Hannan stated that there are 3 areas for funding the project: float more bonds, PENNVEST, and securing a bank loan.

The Board discussed the funding options.

Mr. Stone stated that Headworks Project contracts can not be awarded until funding is secured.

Mr. Dunn added that the project bids cannot go out until the BPMA has funding because contractors will hold the bids for 30-60 days only.

### **USA Asset Management**

With the Board's consent, Mr. Stone directed Mr. Levick to proceed with extending the BPMA's investments since the Board will not be issuing Headworks Project checks for 6 months.

### **Financial**

#### **ALCOSAN Consent Order Agreements**

Mr. Dunn reported on the ALCOSAN Consent Order commitments which need to be paid for in 2024.

Mr. Dunn provided the Board a list and chart prepared by Ms. Corrigan with the costs, deadlines and work to be done in the Collection System to meet the Consent Order commitments. The chart contains commitments in Brush Run, McLaughlin Run, Painter's Run, Saw Mill Run, Drake overflow, Saw Mill Run investigations (smoke testing) and Flow Monitoring for the Consent Order.

Mr. Dunn stated that the costs for the Saw Mill Run investigations (smoke testing) and work needed done and the flow monitoring will be paid through the Municipal Budget. The overflow points in Saw Mill Run are on Hillcrest Dr. and Milford Dr. and Hillcrest Dr. and Superior St.

Mr. Dunn stated that for the other 10% Projects the plan is to piggyback onto the other communities (Mount Lebanon on Painter's Run, Upper St. Clair on Brush Run, 3 RWW on McLaughlin Run which is in progress) since the Bethel Park flow is less than 1% and cannot remove enough EDU's to get a 10% Project on our own.

The cost estimates listed for these ALCOSAN commitments are ballpark estimates.

#### **Willow Heath Project**

Mr. Dunn reported that this will not be an in-depth project as originally thought. Field investigations determined that an area of the pipe needs to be cleaned and relined which will be done.

#### **Treatment Plant Post Construction (2028)**

Mr. Dunn advised the Board, as he discussed with Bethel Park Council, when the Headworks Project is complete the digester will need debris and rags cleaned out, trickling filter #1 media will need deep cleaned of rags and the distributor arms of

trickling filter #1 and 2 will need replaced. Mr. Dunn a placeholder cost for the work.

Ms. Corrigan reported that the deadline for construction of Consent Order projects is December of 2025.

Ms. Corrigan explained the cost of the Consent Order projects is in the 2024 budget. She added that as per the Consent Order there is a window for construction between October 1, 2024 and December 31, 2025. Therefore, the costs can be split between the 2024 and 2025 budgets.

Mr. Dunn stated that at today's Engineering Meeting they discussed possible 10% projects. Manhole rehabs are under consideration.

Mr. Levick and Mr. Flaherty excused themselves from the meeting at 8:50 PM. On behalf of the Board, Mr. Stone thanked them for attending.

### **Facility Discussion and Superintendent Report**

Mr. Dunn reported on the WWTP and LRPS.

#### **WWTP**

\*The staff did major service on the UV System last week. UV System is 5 years old. Mr. Dunn ordered new parts and since the UV System is complex, the factory reps will be on site to train the employees to tear the system down to replace the old parts and rebuild. This most likely will need to be done every 5 years. The factory workers will also check the entire UV System. Mr. Dunn also explained how the UV System works.

\*The raw sewage pumps are getting heavily clogged with rags.

\*The heat exchanger had to be torn apart to unclog the rags.

\*Heat Exchanger Project- Mr. Dunn talked with JP Environmental who advised him that they had 1 more week of work to finish at their current project.

They are waiting on the piping for the heat exchanger and will install it upon receipt.

\*Mr. Miller rebuilt the composite sampler for the primary tanks.

\*Round 1 of the Wet Test is complete. They are waiting on the results.

\*The staff serviced all the PLC's and are in process of replacing the 2019 battery backup systems. The batteries usually last 4 years.

\*The second shift pressure washed all the trickling filters and all the buildings. They will seal the lower parts of the buildings with concrete sealer.

\*Major service for Winter has started. The staff dropped 1 of the primary clarifiers for repairs. They will drop all the primary clarifiers to check for repairs. When

The majority of Wade Trim's focus will be on the modeling side for Brush Run, Saw Mill Run, Painter's Run, and the overflows in the system. Wade Trim has been coordinating with ALCOSAN to get the most updated models in place to meet the deadlines for 2023.

\*WWTP Permit Update- There is some movement from the DEP on the Joint Permit and the Army Corps of Engineers who approved the Joint Permit. Wade Trim is addressing the comments from the DEP.

Mr. Goodwin is working to schedule a conversation with the DEP to expedite the approval process.

\*Headworks Project- The South Park Board of Supervisors approved the final plans for the Headworks Project at the September 11, 2023 Meeting.

\*Emergency Entrance to WWTP- They are nearly finished working through the comments from the South Park Planning Commission and will submit their response shortly.

Mr. Gaydos sent a researcher to the courthouse to get the documents on the emergency entrance property. The documents state that the BPMA has a "right of way" on the property which Mr. Dunn submitted to South Park.

Mr. Goodwin added that the grading Permit should be forthcoming shortly.

#### **Misc Items**

Mr. Goodwin reported on the following items.

\*Wade Trim is waiting for decisions on the H2O and PENNVEST Grants.

#### **Insituform Settlement**

Mr. Goodwin discussed with the Board the possibilities for a settlement to close out the project. After discussing options for closing out the project, the Board agreed on an option to settle with Insituform.

**Mr. Stone called for a motion to approve financing from the 2020 Bond Fund for the relining of the Bethel Park Conveyance area as noted in the Insituform final proposal at the cost of \$115.00/LF.**

**Mr. Brodnos motioned to approve. Mr. Beaver seconded. Roll call was unanimous. Motion passed 4-0.**

#### **General Comments**

\*Mr. Stone asked about the status of Phillippi Drive storm water issues. Mr. Dunn explained what actions were being taken to resolve the issues.

\*Mr. Dunn informed the Board that the hot water tank in the meeting building has gone bad. He is working with company who works sells and services only commercial grade hot water tanks.

finished with the primary clarifiers, the staff will do the Winter oil changes.

\*Mr. Dunn could not update the auto-dialer because it has a bad card. Mr. Dunn will upgrade the SCADA System to include the auto-dialer functions to replace the auto-dialer and allow a phone line to be removed.

### **LRPS**

\*A LRPS area resident reported a noise complaint because of the pump station fan running at night and causing a humming in his house despite the sound barrier the Board had installed. The fan will not run in the Winter which will alleviate the problem until Spring 2024.

\*The pressure relief valve is part of the JP Environmental Project.

### **General Statements**

\*Mr. Goodwin added stated all the submittals for the Headworks Project have been reviewed and approved.

\*Mr. Dunn stated that ADS has installed the micrometers at the Orchard Park overflow. Ms. Corrigan added that the data is updated every day.

\*This overflow may be eligible for a 10% Project in McLaughlin Run depending on the data and determining the cause of the overflow.

\*Mr. Dunn reported that they received the Plant Inspection Report. The only issues were the 2 BOD excursions.

### **Conveyance System Projects**

#### **South Park's Projects**

Mr. Beaver reported on South Park's projects.

\*Jet Jack is back in town cctving and cleaning

\*They are working on 2024 projects.

\*South Park submitted today for a CDBG Project.

\*The SHAGOG truck is in town cctving.

\*Dye tests continue.

#### **Bethel Park's Projects**

Ms. Corrigan reported on Bethel Park's projects.

\*All 4 annual contracts are still ongoing.

\*Robinson is cctving in the Phillippi neighborhood.

\*Rotor- Rooter has put in a request to West Penn Power to remove the pole in the sanitary sewer line.

\*The State Pipe manhole crew has the mapping and data to finish the manholes in the Driftwood Drive neighborhood which will finish the project.

\*ADS micrometers are installed for the micro-monitoring above the Orchard Park

overflow. The data is uploaded daily. Ms. Corrigan will be looking for a rain response in the different sub-sheds to determine which areas are most responsive to rain events in order to target further investigation.

\*ADS picked up the 7 manhole level sensors that the Municipality purchased which are no longer operational. ADS will troubleshoot the equipment to determine what needs done to make them operational again. A strategy for deploying them in the system will then be determined.

\*The August 25, 2023 rain event submitted immediate SSO Reports for the Milford/Hillcrest overflow, Milford/Superior overflow and the Horning Road overflow. The Orchard overflow did not give a cellular alert. Ms. Corrigan suspects it did overflow and will use the Drnach data to verify if the overflow occurred.

\*Since the lining project up Library Road from Logan Road to West Monroe last Winter the Pebble Creek Apartments overflow has not activated.

\*Residential and commercial dye tests continue.

\* Miss Corrigan is working on GIS training for RGIS Pros to enter data in the system.

Mr. Dunn added that the BPMA bought the GIS and the data transfer are done. Since the BPMA is low on funding he will have Ms. Lapaglia, Bethel Park Finance Director, add a line item into his Systems Budget for the next 5 years for the storm sewer water and sanitary sewer water. The information can be moved over to the GIS at a later date.

Mr. Moury asked about sump pump failures and dye test failures. Ms. Corrigan replied that the weekly report lists which homes have sump pumps and which dye tests failed. Dye test failures are typically repaired. She does not get information on what has been repaired. They will consider tweaking the reporting system to include that information.

### **Professional Engineering Services Report**

Mr. Goodwin reported on Wade Trim's projects.

#### **Collection System Projects**

\*Sherwood/Burnsdale – There is no update as PENNVEST has not approved the funding for the project yet. Mr. Moury added that the permit for the Dam Project has not been approved yet either.

#### **Consent Order**

The 4 focus areas were discussed during Mr. Dunn's report. Mr. Goodwin reiterated that there are Consent Order deadlines for 2023.



Mr. Dunn received a proposal to replace the current tank with 2 tankless water heaters for \$12,252.00 with an 8- year warranty. Mr. Goodwin will prepare an emergency letter for this repair. Mr. Dunn will purchase the hot water tanks through the Plant 855 account for system upgrades.

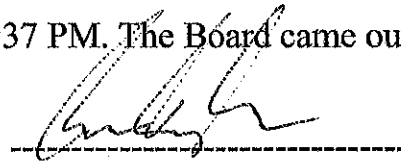
On behalf of the Board, Mr. Stone directed Mr. Dunn to purchase the tanks.

**Solicitor's Report**

Mr. Gaydos discussed legal matters with the Board.

With no further business to discuss, Mr. Hannan motioned to adjourn. The meeting adjourned at 8:37 PM.

The Board went into Executive Session at 8:37 PM. The Board came out of Executive Session at 8:48 PM.

A handwritten signature in black ink, appearing to read "Bruce Beaver", is written over a horizontal dashed line.

Bruce Beaver, Secretary