

**EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
January 9, 2023**

The East Goshen Township Municipal Authority held their regular meeting on Monday, January 9, 2023 at 7:00 pm. at the Township Building. Members in attendance are indicated in **BOLD:**

Walter Wujcik, Chairman
Kevin Cummings, Vice Chairman
Dana Pizarro
Jack Yahraes

Also in attendance were: Mark Miller (Director of Public Works), Mike Ellis (Pennoni representative), Ellen Koopman (Attorney), Dave Ware (Finance Director), Michael Lynch (Township Supervisor) and Scott Towler (Big Fish) on the phone.

COMMON ACRONYMS:

<i>BFES – Big Fish Environmental Services</i>	<i>MA- Municipal Authority</i>
<i>BOS – Board of Supervisors</i>	<i>NPDES – National Pollutant Discharge Elimination System</i>
<i>CB – Conservancy Board</i>	<i>PC – Planning Commission</i>
<i>DEP – Department of Environmental Protection</i>	<i>PM – Prevention Maintenance</i>
<i>EPA – Environmental protection Agency</i>	<i>PR – Park & Recreation Board</i>
<i>HC – Historical Commission</i>	<i>RCSTP – Ridley Creek Sewer Treatment Plant</i>
<i>I&I – Inflow & Infiltration</i>	<i>SBR – Sequencing Batch Reactor</i>
<i>LCSTP – Lockwood Chase Sewer Treatment Plant</i>	<i>SSO – Sanitary System Overflow</i>
<i>PWD – Public Works Department</i>	<i>WAS – Waste Activated Sludge</i>

Call to Order & Pledge of Allegiance

Walter called the meeting to order at 7:00 pm and led those present in the Pledge of Allegiance. He asked for a moment of silence for our troops and First Responders. He asked if anyone would be recording the meeting. There was no response.

Chairman’s Report

1. Reorganization was held: Jack made the following motion to elect
Kevin Cummings, Chairman
Dana Pizarro, Vice Chairman
Walter Wujcik, Treasurer
Jack Yahraes, Secretary
New Member, Assistant Secretary/Treasurer
Dana seconded the motion. The motion passed unanimously.

SEWER REPORTS

1. Director of Public Works, Mark Miller’s report for January 9, 2023

Monthly Flows – The average daily flow to West Goshen was 673,239 per day.

Meters: The meters were read on a daily basis.

C.C. Collection: All pump stations were visited on a daily basis. The wet wells were washed down. We received a call from a resident on Glenmont Lane who stated that sewage was backing up into his home. We went down and found that his trap was full of grease and the clean out stack pipe was out of the hub. I gave him a copy of the local contractors to call to get it repaired.

C.C. Interceptor: We are in the process of scheduling to televise the trunk line from Strasburg Road down to the Westtown Way meter. This work has to be done between the hours of 12:00 am to 5:00 am and we have to plug the lines so we can get a full visual of the pipe.

R.C. Collection: The pump stations were visited on a daily basis. We received a seal failure alarm on Christmas day so I changed the run sequence so the pump would only run if the other pump could not keep up with the flow. We swapped the pump out the next day. We cleared the sanitary sewer line right of way through the golf course. While we were clearing the right of way, we pulled the manhole lids to check the condition of the manholes, which were fine. Hibberd Lane meter locked up this month. John Laidley was called in to repair the issue. The meter is up and running.

Ridley Creek Plant: We performed general maintenance as needed. We had a problem with pump #2 for the utility water. We are scheduled to clean the line from metering manhole into the screen room. We had Lenni cut out power to the plant while PECO did repairs on Line Road.

Hershey Mill Sewer Line Replacement – I have been keeping the residents informed on what the status of the project is. I had asked Mike to have his people stake out the easements thinking this would get the residents' attention, which it did. I have been speaking to residents advising them that we would be utilizing the easements. Public Works still has to put the roads in for the contractor, which we hope to start next week. We can discuss further at the meeting.
Note: They started the two roads for the contractors today.

Alarms: We responded to 21 alarms for December.

PA 1 Calls: We responded to over 57 PA One Calls for the month of December.

Monthly Rainfall: 6.20 inches of rain for the month of December.

Lateral Repairs or Caps: We had two cleanout repairs for December.

2. Pennoni Engineer's Report dated December 9, 2022

Ridley Creek Sewage Treatment Plant (RCSTP)

- Caustic Soda Conversion – We conducted a pre-construction field meeting with Jim Woods (the PADEP “certified installer” consultant) and Public Works. Jim requested that vacuum control valves be added to the chemical feed pumping system and that thermal expansion be added to the exterior tank suction piping. We obtained cost quotes from Pyrz (supplier of the tank and chemical feed pumps) for the applicable equipment that has been forwarded to the

Township and plant operator for review. Jim expects that PADEP will authorize the permit within approximately one week of submission of the application, at which point the tank and system can go into use. The permit application cannot be submitted until all work is complete.

We also met virtually with Scott Towler to determine the alarms and controls scoping for the tank and chemical feeds. The controls will remain the same as those from the caustic trial with pump feed rates adjusted manually (not automatically controlled by pH or other conditions). There will be outside visual alarms for a tank leak (via interstitial monitoring between the tank walls) and tank high level. The tank level is also proposed to be visible through SCADA with remote alarm notifications for tank high and low levels only.

Note: Mike presented an updated cost from Pyrz Water Supply Co. of \$1,773 for extra equipment. He explained how the new system will work.

- UV Disinfection System – The system is being fabricated by Glasco, and delivery is expected in late February or early March 2023.

The bidding and contracting schedule for the mechanical and electrical work remains dependent on the notification of awards for the Commonwealth Financing Authority (CFA) Local Share Account (LSA) grants. Awards are expected to occur on January 12, but we are not aware that the agenda for the CFA meeting has been made available yet to confirm the grant awards will be considered.

We are awaiting advertisement until the CFA’s public meeting is scheduled to make the LSA awards. The UV solicitations for mechanical and electrical work can then be advertised. The tentative bidding schedule follows, based upon the CFA meeting occurring on January 12:

- Bid Advertisement – late January
- Bids Due – mid-to-late February
- Award Consideration – March 13, 2023 at the Municipal Authority Meeting

Note: Mike mentioned that the January meeting of the CFA was cancelled due to no quorum. The next meeting will be in March.

- Generator #2 Replacement – We are continuing with design and coordination with vendors on pricing for various size generators.

Westtown Way Pump Station

- No update since our last report.

Sanitary Sewer Pipe Rehab

- Supplee Valley – We have updated the construction scope and construction cost estimate for pipe lining the remainder of the asbestos cement sewers in the neighborhood and will submit to the Township for review. We anticipate bidding the project in February 2023 with construction in early-to-mid 2023.
- Hershey’s Mill Estates – We prepared the Intent to Award and Precast Commitment letters to the low bidder, Joao & Bradley. We reviewed construction submittals and shop drawings for the manholes, storm sewer endwall, and bypass pumping plan. It is our understanding that the manholes and endwall have been ordered. We are awaiting the contractor’s bonds and insurance documents, which need to be in-hand to execute the contract.

We recommend the MA formally award the contract to Joao & Bradley at the January 9th MA meeting conditioned that the contract not be signed until after the CFA's January 12th meeting in which they are tentatively expected to award grants.

An initial pre-construction meeting was conducted, and a second pre-construction meeting is scheduled for January 10.

We also prepared a revised design of pipe slopes and manhole invert elevations since all manholes are now expected to be replaced given the bid pricing. The revised design provides for increased pipe slopes on certain pipe segments that are currently very flat. A Construction Issue set of plans was prepared accordingly and has been issued.

We provided the Township with quantities of materials for storm sewer piping for the Township to order.

We have contacted PADEP about the procedure for amending the GP-11 permit to include the additional wetland crossing at the upstream end of the project site to allow for additional construction access off of Tanglewood Drive and are awaiting their direction. A revised / supplemental permit application will be submitted pending their response.

A field survey stakeout of the existing easement and proposed limit of disturbance, which extends outside the easement, was performed at the end of the Fox Glove Lane cul-de-sac for use by the Township in discussing the need for temporary construction easements with the two property owners.

Provided the contract is executed by January 13, the contractor intends to mobilize the week of January 16 and begin pipe replacement on January 23, starting at the downstream end. They will provide a detailed schedule after the second pre-construction meeting.

- Ridley Creek Exposed Sewer Rehab – A full PADEP permit application has been prepared and will be submitted to PADEP in follow-up to the emergency authorization now that construction has been completed.

New Connections

- 301 Reservoir Road – We reviewed a Land Development sketch plan for the 5-lot residential subdivision and provided a comment letter including a comment that design and Sewage Facilities Planning for a public sewer extension is required.
- 1671 and 1681 Strasburg Road – We performed a cursory review of a sketch plan for an approximately 1,800-LF long low pressure sewer lateral to connect the proposed residential property to the sewer main immediately upstream of the treatment plant.

Industrial Pretreatment Ordinance

- No activity since our last report. As discussed at the May 2021 MA meeting, a headworks study with sampling at the RCSTP can be conducted to set contaminant limits.

3. Big Fish Environmental Services –

The Ridley Creek sewage treatment plant outfall 001 achieved compliance with all effluent limitations regarding water quality for the month of December. All supplemental reports were submitted for the month of November with the eDMR. Discharge to the Applebrook irrigation lagoon remains offline. Chemical usage utilized for pH and total alkalinity remained consistent with

previous months. Aluminum sulfate solution volumes were slightly increased to a daily average of 72.6 as compared to the previous month at 70.0 gpd to achieve phosphorus removal. No significant mechanical or operational issues were observed during operation of sludge dewatering equipment or SBR treatment process. Sludge dewatering continues at around 500,000 gallons or more per month. There were no odor complaints during the month.

Approval of Minutes

The minutes of the December 12, 2022 meeting were approved as amended.

Approval of Invoices

1. Jack moved to approve payment of the following Pennoni invoices:
 - a. Pennoni invoice #1150403 \$ 861.51
 - b. Pennoni invoice #1150405 \$ 9,690.50
 - c. Pennoni invoice #1150409 \$ 3,384.75
 - d. Pennoni invoice #1150401 \$ 1,178.75

Walter seconded the motion. The motion passed unanimously.

Liaison Reports

None

Financial Reports

2023 Budget – Dave reviewed the 2023 Municipal Authority Budget. Dana asked for a breakdown of the components of the \$1,730,115. Dave reviewed the Revenue and Expenses of the 2023 Budget. Kevin made a motion to adopt the 2023 Proposed Municipal Authority Budget with both revenue and expenses of \$1,730,115.00 for a \$0 net result. Walter seconded the motion. The motion passed unanimously.

Old Business

Hershey Mill Trunk Line – Mike Ellis mentioned that they had a meeting with the contractor. The concern about the CFA grant delay was discussed. The low bidder is Joao & Bradley. After discussion, Dana moved to approve the Intent to Award to Joao & Bradley for base bid and all alternates in the amount of \$738,260. Jack seconded the motion. The motion passed unanimously.

Goals

The Goals were reviewed.

New Business

1. 2023 Goals - The MA members reviewed the 2022 Accomplishments and 2023 Goals Walter prepared for the ABC meeting on January 31, 2023 at 6:30 pm

2. HME Construction Phase Proposal - Bid Assistance – Mike Ellis commented on the bid assistance services Pennoni provided. The original Time and Materials was approved for an estimated amount of \$7,500. The actual bid assistance was \$9,690.50. He is requesting approval for the \$2,190.50 additional cost. Construction Phase – Mike reviewed the Construction Phase Services that will be provided with an estimated fee range of \$50,000 to \$60,000. Dana moved to approve the following:

1. Bid Assistance - \$2,190.50 additional fee.
2. Construction Phase estimated fees not to exceed \$60,000.

Jack seconded the motion. The motion passed unanimously.

Capacity Requests

1, 1671 and 1681 E. Strasburg Road - The owner wants sewage. These 2 lots are large and on the north side of E. Strasburg Road. On the south side of E. Strasburg Road is Springhouse Lane where several owners are interested in getting public sewage. After discussion, Mark will send a letter to the Springhouse property owners to see how many are interested in public sewer. Mike will do a study to determine the cost to the township and property owners.

Any Other Matter – Kevin thanked Walter for all that he did as Chairman last year.

Correspondence- None

Public Comment - None

Adjournment

There being no further business Jack moved to adjourn the meeting. Walter seconded the motion. The motion passed unanimously. The meeting was adjourned at 8:30 pm.
The next regular meeting will be held on Monday, February 13, 2023 at 7:00 pm.

Respectfully submitted,

Ruth Kiefer, Recording Secretary