

**EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY  
MEETING MINUTES  
July 15, 2024**

The East Goshen Township Municipal Authority held their regular meeting on Monday, July 15, 2024 at 7:00 pm. at the Township Building.

Members in attendance are indicated in **BOLD**:

**Dana Pizarro, Chairman**  
**Walter Wujcik, Vice Chairman**  
**Jack Yahraes**  
Carmen Battavio  
**Kevin Cummings**

**Also in attendance were: Mark Miller (Director of Public Works), Michele Truitt (Supervisor) Dave Ware (Finance Director), Robert Jefferson (Attorney) and Erika Addison (Pennoni).**

**COMMON ACRONYMS:**

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

**Call to Order & Pledge of Allegiance**

Dana called the meeting to order at 7:00 pm and led those present in the Pledge of Allegiance. Dana asked for a moment of silence for our troops, police, EMTs and first responders. Dana asked if anyone would be recording the meeting. There was no response.

**Chairman’s Report/Other Members Report**

None

**SEWER REPORTS**

**1. Director of Public Works, Mark Miller’s report for July 15, 2024.**

**Monthly Flows** – The average daily flow to West Goshen was 833,288 gallons per day.

**Meters:** The meters were read on a daily basis.

- Flows are down mainly because of the lack of rain and our infiltration repairs.

### **C.C. Collection:**

- All pump stations were visited on a daily basis.
- As you may know, we pull pumps on a six-month rotation. In January we pull the number 2 pumps, and in July we pull number 1 pumps.
- This month we started at the Barkway Pump Station and when we pulled the number 2 pump, the rail system collapsed.
- This is being treated as an emergency as we currently have the station held together with rubber bands and bailing twine. Kevin and I met with John Roddy from MGK on July 8<sup>th</sup> to come up with a permanent repair.
- Once we got Barkway situated, the crew moved on to the other stations, pulling and installing the pumps. Since moving on from Deckman, we are trying another pump servicing vendor as we were not happy with the last one we used. I reached out to Phoenixville Sewer to see what they were using since they moved on from Deckman and they are using BDS Electric
- We reached out to BDS Electric who has several locations, and they are very interested in doing the work. We dropped off six pumps to BDS to get a repair estimate.

### **C.C. Interceptor:**

- Nothing to report.

### **R.C. Collection:**

- Routine maintenance was performed on a daily basis.
- We pulled the pumps at Hershey Mill and Hunt Country.
- On Sunday, 7/7/24, we received a seal failure at the Hershey Mill Station. Kevin checked the wires, and the ohm reading indicated a seal failure. The pump was pulled and washed down.
  - We drained the oil from the pump and found water in the oil sample. The pump was shipped off to BDS Electric.

### **Ridley Creek Plant**

#### **UV System**

- The Public Works Department assisted the plant operator with much-needed cleanup after the UV installation.
- The new UV is fully operational.
- We are awaiting a startup date from Glasco to go over the unit.
- We have an issue with the length of one of the cords. Mike Ellis reached out to Glasco for a replacement.

### **Applebrook Golf Course**

- Jared from Applebrook Golf Course asked if we could send them more water.
- We are currently pumping 32,000 gallons a day.
- The present pump is the original pump.
- The 2<sup>nd</sup> pump burnt up and a replacement will cost \$7,000.00. Jared approved the purchase, so I placed the order with BDS Electric.
  - The new pump will triple the flow to Applebrook, and should be here by the end of the week of July 15<sup>th</sup>.

**Alarms:** 8

**PA 1 Calls:** 60

**Monthly Rainfall:** 2.55”

**Lateral Repairs or Caps:** 2 (in Bow Tree)

## **2. Pennoni Engineer’s Report dated July 15, 2024**

### ***Ridley Creek Sewage Treatment Plant (RCSTP)***

- **Caustic Soda Conversion** – Pyrz performed the tank repairs to the tank’s outside insulation.

Matt Mullin provided as-built photos of the caustic soda plumbing on July 10. We are currently updating the as-built plans accordingly with the provided plumbing information. We previously prepared a draft O&M Manual for the system that was submitted to the Township and operator for review. We will set up a meeting to review now that the system is up and running so that the Manual can be finalized.

**UV Disinfection System** – Zimmerman installed the jib crane and the second UV module, shrouds, and guides on June 11. On June 20, Lenni installed power to the jib crane and relocated the control panel to its permanent location, but it was discovered that the cords to connect the second UV module to the control panel are too short. Pennoni contacted Glasco on June 25 in regard to obtaining a new, longer cord for the module. Glasco responded on July 2 stating that they would review and provide a response accordingly. We contacted Glasco on July 10 for an update on the cords and are waiting for a response. After this issue is resolved, the two week trial of the second UV module will begin. Glasco will also be scheduled to perform a post-startup inspection of the permanent UV installation.

The temporary system has been fully disassembled. Pennoni informed Glasco on June 25 that the temporary channel is ready for pickup and for them to coordinate with Mark Miller on the specific day and time of the pickup.

An updated tentative construction schedule follows with completed work in italics:

- *Delivery of Permanent UV Equipment – October 30, 2023*
- *Delivery of Bypass Pumps and Hoses – Week of November 13, 2023*
- *Initiate Temporary Bypass Work – Mid-November 2023*
- *Complete Temporary Bypass Work and Initiate Use of Bypass System – January 23, 2024*
- *Two Week Trial and Sampling of Temporary Bypass System – completed February 9, 2024*
- *Township to Perform Concrete Channel Work – completed late-March 2024 (end of initial curing)*
- *2nd Notice to Proceed to Contractors: Permanent Work – Mid-March 2024*
- *Redirect Flow back to Permanent Channel (±30 days of 2nd NTP) – April 24, 2024*
- *Two Week Trial of New UV System in Permanent Channel – April 24 – May 8, 2024*
- *Install Second UV Module into Permanent Channel – June 11, 2024*

- Two Week Trial of Second New UV System in Permanent Channel – July 17 – 31, 2024
- Construction Completed –Early-Mid August 2024

We processed Lenni’s third payment application and certified payrolls for weeks 1 through 30 for the temporary and permanent electrical work completed and provided a payment recommendation letter on July 10.

We processed Zimmerman’s second payment application and certified payrolls for weeks 1 through 3 for the temporary and permanent general contract work and provided a payment recommendation letter on July 10.

- **Generator #2 Replacement** – No activity by Pennoni since the last report.
- **Electrical Surge Evaluation** – The Municipal Authority has requested that the electric supply into the plant be evaluated. We recommend that a data logger be installed on the PECO main supply line into the plant. The preferred location to do the testing would be at the Main Distribution Panel (MDP) which is outside near the PECO Transformer. We spoke with Lenni Electric, who concurs with this recommendation, but has not previously installed data loggers before. We are currently reaching out to other parties to install a data logger and to obtain quotes. After which, we can evaluate the type(s) of equipment needed to mitigate any adverse power conditions.

### ***Sanitary Sewer Pipe Rehab***

- **Chester Creek Sewer Rehab** – The Contractor, Insituform, has completed all work. The Contractor still needs to provide the final payment application, closeout documents, and remaining prevailing wage certifications in order to mark the project as completed.
- **Supplee Valley Pipe Lining** – The next sewer rehabilitation project is planned to be installation of cured-in-place pipe liners in the remaining un-lined sewers in Supplee Valley. The sewers have been televised. Public Works will provide the videos to Pennoni for review, and we will then prepare a bid document. The goal is to construct this work by the end of 2024.

### ***New Connections***

- Millstone Meadows (1010 Hershey Mill Road) – No activity by Pennoni since the last report.
- 301 Reservoir Road (5-Lot Residential Subdivision) – The Applicant submitted the Sewage Facilities Planning Mailer to PADEP on July 11.
- 1712 E. Boot Road – No activity by Pennoni since our last report. The service piping was previously installed, but we are not aware that the grinder pump has been installed.
- 14 Reservoir Road – PADEP approved the Sewage Facilities Planning Mailer exemption on June 5. We received a new plan submission that is currently under review.

## **Capital Improvement Plan**

- We met with Mark Miller and Dave Ware to discuss long term capital improvement planning. Cost estimates were prepared for pipe lining neighborhoods with asbestos cement pipe. Pipe lining has been prioritized by neighborhood. We are creating a 20+ year capital improvement plan to include pipe lining, manhole lining, pump station upgrades, and wastewater treatment plant upgrades. A draft will be submitted before the August MA meeting for discussion.

## **Barkway Pump Station**

- We are evaluating pump sizing for a diesel bypass pump. We are also contacting vendors for quotes for the bypass pump and for replacement of the submersible pumps.

### **3. Big Fish Environmental Services –**

The Ridley Creek sewage treatment plant outfall 001 met all effluent limitations regarding water quality for June 2024. All supplemental reports were submitted for June 2024. Caustic usage increased to 51 gallons per day from 40 gallons per day last month. Aluminum sulfate solution volumes decreased to a daily average of 70.5 gpd from the previous standard of 74.8 gallons per day. No significant mechanical or operational issues were observed during the sludge dewatering equipment or SBR treatment process. Sludge dewatering experienced no mechanical issues impacting production. There were no odor complaints during the month.

### **Approval of Minutes**

The minutes of the June 10, 2024 meeting were approved.

### **Approval of Invoices**

1. Kevin moved to approve payment of the following Pennoni invoices:

- |   |            |
|---|------------|
| • Invoice # 1229134                                 | \$ 595.00  |
| • Invoice # 1229135                                 | \$ 463.75  |
| • Credit for Invoice #1221070 & applied to #1229135 | -\$226.00  |
| • Invoice #1229136                                  | \$1,412.50 |
| • Invoice #1229137                                  | \$5,109.75 |

Walter seconded the motion. The motion passed unanimously.

2. Kevin moved to approve Payment Application #2 for Zimmerman Environmental RCSTP UV Disinfection System Replacement in the amount of \$52,769.70. Walter seconded the motion. The motion passed unanimously.

3. Kevin moved to approve Payment Application #3 for Lenni Electric RCSTP UV Disinfection System Replacement in the amount of \$10,110.42. Jack seconded the motion. The motion passed unanimously.

4. Walter moved to approve payment of Change Order #2 for Chester Creek Interceptor Inspection & Repair in the amount of \$4,360.00. Jack seconded the motion. The motion passed unanimously.

5. Jack moved to approve payment of the following Gawthrop Greenwood invoices:

- Invoice #291598 in the amount of \$492.00
- Invoice #293276 in the amount of \$1,048.00

Walter seconded the motion. The motion passed unanimously.

6. Kevin moved to approve payment of the Lenni Electric invoice #240631 in the amount of \$267.50. Walter seconded the motion. The motion passed unanimously.

### **Liaison Reports**

1. Board of Supervisors - Michele reported that we had a very successful Community Day. She thanked the sponsors and Jason Lang, Director of Parks & Recreation. The BOS will only meet once in July and August. They approved an increase in sewer rates. They will meet every Tuesday in September to work on the budget.

### **Financial Reports**

Dave Ware provided the following report:

Year to date June 2024, the Municipal Authority recorded \$402,803.49 in revenues (primarily from Sewer Capital Reserve and Sewer Operating transfers) and \$397,824.84 in expenses (RCSTP UV replacement capital costs, Flygt pump, Chester Creek Interceptor work by Insituform Technologies, engineering and audit expenses). The net result of operations is \$4,978.65. As of June 30, 2024, the fund balance was \$12,540.81.

### **Old Business**

None

**Goals** – The goals were reviewed.

### **New Business**

1. Memo from Kevin Miller regarding the Barkway Pump Station. They were doing regular maintenance on Pump #1 when the guide rails and flange collapsed. The issue was temporarily resolved but his recommendation is to overhaul the interior of the wet well to meet updated needs. Mark reported that they spoke with MGK Industries Inc., and it will cost \$54,560.00 for 3 pumps (1 will be a spare) and about 6 weeks to get everything. Jack moved to approve the purchase of 3 pumps not to exceed \$60,000.00. Walter seconded the motion. The motion passed unanimously.

### **Any Other Matter** -

1. Maillie Audit Review Letter – Dale Umbenhauer represented Maillie. Kevin pointed out his concern about wording in the letter regarding risks. Dale explained the new standards they are required to use now. If there were any risks due to fraud, etc., it would require a separate letter. He assured the MA members that there are no problems.

2. Greenhill Sewer Authority – Erika needs to determine the cost of this proposed project. DEP notification was discussed.

**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 8:00 pm.  
The next regular meeting will be held on Monday, August 12, 2024 at 7:00 p.m.

Respectfully submitted,

Ruth Kiefer, Recording Secretary