

**EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY  
MEETING MINUTES  
September 9, 2024**

The East Goshen Township Municipal Authority held their regular meeting on Monday, September 9, 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**

**Kevin Cummings**

**Also in attendance were:**

**Mark Miller (Director of Public Works),**

Michele Truitt (Supervisor)

**Dave Ware (Finance Director),**

**Patrick McKenna (Attorney)**

**Mike Ellis (Pennoni).**

**COMMON ACRONYMS:**

*ATS – Automatic Transfer Switch*

*BFES – Big Fish Environmental Services*

*BOS – Board of Supervisors*

*CB – Conservancy Board*

*DEP – Department of Environmental Protection*

*EPA – Environmental protection Agency*

*HC – Historical Commission*

*I&I – Inflow & Infiltration*

*LCSTP – Lockwood Chase Sewer Treatment Plant*

*PWD – Public Works Department*

*MA- Municipal Authority*

*NPDES – National Pollutant Discharge Elimination System*

*PC – Planning Commission*

*PM – Prevention Maintenance*

*PR – Park & Recreation Board*

*RCSTP – Ridley Creek Sewer Treatment Plant*

*SBR – Sequencing Batch Reactor*

*SSO – Sanitary System Overflow*

*WAS – Waste Activated Sludge*

**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.

Walter asked for a moment of silence for our troops, first responders and EMTs.

Walter asked if anyone would be recording the meeting. There was no response.

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

Walter mentioned that the Authority members and some other residents met at the Township building at 5:00 pm and took a tour of the West Goshen Sewer facilities.

Mark introduced Vinnie DiMico and Kevin Miller Public Works members.

## **SEWER REPORTS**

### **1. Director of Public Works, Mark Miller's report for September 9, 2024.**

**Monthly Flows** – The average daily flow to West Goshen was 768,659 gallons per day.

#### **Meters:**

- Were read on a daily basis with no problems to report.

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

- All pump stations were visited on a daily basis with no problems to report.
- Wet wells were washed down & generator fluids checked.
- The muffin monster was serviced at the pump station.

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

- Nothing to report.

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

- Pump stations were visited on a daily basis.
- Wet Wells were washed down & generator fluids checked.
- Service was performed on the muffin monster.
- on 9/1/2024 we were notified by country radio of a resident on Burning Bush Lane reporting a backed lateral. Public Works cleared the lateral line.

#### **Ridley Creek Plant**

• The Plant Operator reported that the utility water pump had quit. We pulled the pump and installed a rebuilt one that we had in stock.

**Alarms:** 17

**PA 1 Calls:** 97

**Monthly Rainfall:** 6.55”

**Lateral Repairs or Caps:** 0

## 2. Pennoni Engineer's Report dated September 6, 2024

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

- **Caustic Soda Conversion** – 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** – The new UV module cords were delivered and installed, and the temporary UV channel was picked up by Glasco on August 13. The two-week trial of the second UV module has been successfully completed, and both modules are operational. Glasco is providing on-site training to Matthew Mullin (RCSTP operator) and post-startup inspection of the permanent UV installation on September 6.

Pending that inspection, the only outstanding punchlist items are connection of the permanent alarm and flow metering cables to the two UV modules. John Laidley has been contacted to complete those connections. The cables are run but just need to be connected on both ends. The system is being run in Hand mode with one module On and the other Off in the meantime. After the flow metering cables are connected, the UV modules will automatically control which ones are On or Off based on flow pacing. The project will be complete at that time, and we notify PADEP accordingly.

We are awaiting final payment applications and closeout documents from the contractors.

- **Generator #2 Replacement** – No activity by Pennoni since the last report.
- **Electrical Supply Evaluation** – We evaluated costs and feasibility for installing a line conditioner on the main PECO electric supply line. We provided an email on September 5 with our follow-up recommendation to install a power meter on the incoming electric supply and to provide an analysis report.

If the Energ Test quote is awarded, arc flash labeling will need to be installed in advance. Their proposal requires that arc flash labeling be on any electric equipment that they will be in contact with. Labeling is not on the Main Distribution Panel (MDP), so it will need to be installed before they install the power meter. A short circuit and arc flash analysis was performed as part of the RCSTP expansion in 2011. Labels were provided at that time, but there is not a label currently on the MDP. The Township will need to have the labels printed and attached to the MDP, and they should be attached to other applicable equipment while at it if other equipment is not currently labeled either. We can forward an electronic copy of the report that includes the labels from 2011.

Separate of the power monitoring – An updated arc flash study should be considered in the near future since it has been over five years since the last study and there have been electrical equipment changes, most notably the replacement of both generators. We could obtain a quote, and this be considered in 2025 budgeting. We anticipate it can occur separate of and after the power monitoring.

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

- **Supplee Valley Pipe Lining** – We conducted the bid solicitation, and bids were opened on September 4. We provided a bid tabulation and award recommendation letter. The low bidder's total bid is \$331,241. Bids were consistent with our anticipated cost of approximately \$360,000. We confirmed with Dave Ware that there is adequate budget to award the total bid while also allowing for contingencies should additional repair work be identified to be necessary after the contractor performs their pre-lining TV inspection.

## ***New Connections***

- Millstone Meadows (1010 Hershey Mill Road) – We reviewed a revised Land Development Plan submission and issued a comment letter on July 25. In addition to other Land Development comments, a few minor sanitary sewer design comments remain. The BOS granted conditional Land Development approval on September 3. A meeting is scheduled with the Applicant's team, East Goshen, and Pennoni on September 12 to discuss approach to satisfaction of conditions, plan updates, and legal agreements.
- 301 Reservoir Road (5-Lot Residential Subdivision) – We reviewed a revised Land Development Plan submission and issued a comment letter on August 21. In addition to other Land Development comments, four sanitary sewer design comments remain outstanding. The BOS granted conditional Land Development approval on September 3. A meeting is scheduled with the Applicant's team, East Goshen, and Pennoni on September 12 to discuss approach to satisfaction of conditions, plan updates, and legal agreements.
- 1712 E. Boot Road – No activity by Pennoni since our last report. The service piping was previously installed, but we are not aware if the grinder pump has been installed.
- 14 Reservoir Road – No activity by Pennoni since our last report. We are awaiting a plan resubmission to address comments from our last review letter dated July 12, two of which are related to sanitary sewer.
- 1338 Morstein Road – The MA previously approved sewer capacity for the three proposed residential lots in East Goshen which are part of a 16-lot development that is primarily in West Whiteland. There has not been any recent activity related to Land Development Plan updates or sewage planning that East Goshen has been privy to. A meeting is scheduled with the Applicant, East Goshen, and Pennoni on September 12 to obtain updates.

## ***Capital Improvement Plan***

- We provided a 1<sup>st</sup> draft of a 20+ year capital improvement plan that includes pipe lining, manhole lining, pump station upgrades, metering, wastewater treatment plant upgrades and equipment replacement, and other improvements in August. The plan is under review with Finance and Public Works. The plan is updated over the next several weeks, and an updated draft will be presented to the MA in the fall.

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

The Ridley Creek sewage treatment plant outfall 001 met all effluent limitations regarding water quality for August 2024. All supplemental reports were submitted for August 2024. Caustic usage decreased slightly to 53 gallons per day from 54 gallons per day last month. Aluminum sulfate solution volumes increased to a daily average of 70.3 gpd from the previous standard of 68.8 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 August 12, 2024 meeting were approved.

### **Approval of Invoices**

There were no invoices to approve.

### **Liaison Reports**

1. Conservancy Board - Walter mentioned that this Saturday they are having a walk through Applebrook Park for residents with dogs.
2. BOS – They are discussing the 2025 budget. Dave is working on the budget and hopes to have it ready by October.

### **Financial Reports**

Dave Ware provided the following report: Year to date August 2024, the Municipal Authority recorded \$551,815.68 in revenues (primarily from Sewer Capital Reserve and Sewer Operating transfers) and \$546,471.54 in expenses (RCSTP UV replacement capital costs, Flygt pump, Chester Creek Interceptor work by Insituform Technologies, West Goshen capital sewer tapping and bond, RCSTP Caustic Soda, engineering, and audit expenses). The net result of operations is \$5,344.14. As of August 31, 2024, the fund balance was \$12,906.30. Dave reviewed the sewer fund costs from West Goshen for Q2 and Q4 of last year.

### **Old Business**

1. Supplee Valley Pipe Lining Contract – Mike Ellis reported that the low bidder for this project was Vortex Services, LLC. He found that the submitted proposal was complete and accurate, and confirmed their experience on similar projects.

Kevin moved to award the bid for Supplee Valley Pipe Lining contract No. SSPL-2024 to Vortex Services, LLC in the amount of \$331,241.00. Jack seconded the motion. The motion passed unanimously.

2. EnerG Test Study for RCSTP – Mike Ellis explained the test process that will monitor and log power usage, voltage, phase, and other components of the electric supply. This should determine if a line conditioner needs to be installed on the main electric supply line. The test will last for 25 days. After discussion Jack moved to approve the EnerG Test Proposal Sf-10794 for RCSTP utility power

monitoring in the amount of \$9,144.00. Also the MA wants to keep the test up after 25 days in case further testing is needed. Kevin seconded the motion. The motion passed unanimously.

**Goals** – The goals were reviewed.

**New Business**

1. The Board of Supervisors accepted Carmen's resignation letter last week.

**Any Other Matter** - None

**Correspondence**- None

**Public Comment** - None

**Adjournment**

There being no further business Jack moved to adjourn the meeting. Kevin seconded the motion. The motion passed unanimously. The meeting was adjourned at 7:45 pm.

The next regular meeting will be held on Monday, October 21, 2024 at 7:00 p.m.

Respectfully submitted,

Ruth Kiefer, Recording Secretary