

**EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
October 21, 2024**

The East Goshen Township Municipal Authority held their regular meeting on Monday, October 21, 2024 at 7:00 pm. at the Township Building.

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

Dana Pizarro, Chairman
Walter Wujcik, Vice Chairman
Kevin Cummings
Sean Ellsworth
John Stipe

Also in attendance were:

Mark Miller (Director of Public Works),
Michele Truitt (Supervisor)
Dave Ware (Finance Director),
Patrick McKenna (Attorney)
Robert Jefferson (Attorney)
Mike Ellis (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 & 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&I – Inflow & 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, first responders and to remember our Authority member of many years Jack Yahres who just passed away in September. Dana asked if anyone would be recording the meeting. There was no response.

Chairman’s Report/Other Members Report

Dana commented that Jack Yahres, a member for about 40 years, passed away in September. Michele introduced and welcomed the two new members Sean Ellsworth and John Stipe.

Liaison Reports

1. Board of Supervisors – Michele reported that they don't anticipate a tax increase. The police contract is being discussed. The cost of fire and EMT equipment has increased. Dana explained the process of working with Dave Ware on a sewer increase. They are looking 20 years out. He also mentioned that having Public Works perform project services for the MA saves the MA about 30%.

2. Conservancy Board - Walter mentioned that Keep East Goshen Beautiful Day is scheduled for Saturday, April 12, 2025. At their last meeting a representative of the Willistown Conservancy made a presentation about the water in our streams.

SEWER REPORTS

1. Director of Public Works, Mark Miller's report for October 21, 2024.

Monthly Flows – The average daily flow to West Goshen was 744,821 gallons per day.

Meters:

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

C.C. Collection:

- The pump stations were visited on a daily basis.
 - We had a couple of power failures which resulted in the generators running for a couple of hours.

Barkway Pump Station

- Two of the pumps that we pulled out last month at Barkway Pump Station were beyond repair and we placed an order for two new pumps.
- MGK is gearing up for the rebuild at the Barkway Pump Station. Work is scheduled to begin October 22, 2024.

Marydell Drive Lateral Blockage

- We were advised of a lateral blockage at the corner of Barker Drive and Marydell Drive. The property owner called Horizon Plumbing and after they started digging, they found that a PECO contractor had bored through the pipe and pulled a cable through the pipe.
- 10/4/24 Update: Since the incident in Marydell, we cleaned and televised the collection lines in Marydell and looked up every sewer lateral to see if there were additional problems caused by the drilling crews. No further drilling problems were found. We did, however, find several hundred feet of pipe that is in need of slip lining and some manholes that need liners installed. As a side note, PECO has put us in contact with the drilling company's insurance company.

Clocktower

- Currently there is a drilling company working for PECO in Clocktower installing new electrical lines. We cleaned and televised those lines to see if any damage was done and found our lines and laterals were intact. We did locate six laterals that were in need of repairs, which we completed.

C.C. Interceptor:

- Nothing to report.

R.C. Collection:

- Pump stations were visited on a daily basis.
- John Laidley is working on the upgrades at the Hershey Mill Pump Station, and he hopes to have his work completed by the end of October.

Willow Pond Water Main Break

- In the beginning of September, we were notified of a water main break in the Willow Pond Development off Forest Lane. When our locator arrived on site, he was greeted with a whole lot of water. We surveyed the damage to the roadway the next day and advised Aqua Manager Tim Stayley of our concerns. Kevin had the PWD televise the sanitary sewer on Pond View where we found that the main had been undermined and had a kink in the trunk line. Mike Ellis was looped in on our findings and was authorized to have a full-time inspector on the job until all of the work was completed. The sanitary was televised after the work was done and the pipe repairs looked good.

Ridley Creek Plant

- Maintenance was performed when needed.
- The Plant Operator advised me that the main gate was not working properly and when I contacted the contractor, they stated that we were already on their schedule.

Alarms: 21

PA 1 Calls: 128

Monthly Rainfall: 2.50"

Lateral Repairs or Caps: 4

2. Pennoni Engineer's Report dated October 10, 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** – Glasco provided on-site training to Matthew Mullin (RCSTOP 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.

The Electrical Contractor, Lenni Electric, has completed all work. We processed two payment applications and provided payment recommendation letters. We also reviewed the Contractor's Maintenance Bond, Statement of Surety, and Contractor's Release and found all documents satisfactory.

We are awaiting final payment applications and closeout documents from the Mechanical Contractor, Zimmerman.

- **Generator #2 Replacement** – No activity by Pennoni since the last report.
 - **Electrical Supply Evaluation** – As per the MA's request, we obtained a revised quote from EnerG Test to leave the power meter on to monitor the power supply for an additional 25 days in the event that the initial monitoring does not reveal there to be any power surges. The additional 25 days of monitoring would cost approximately \$1,483.00. For reference, the quote for installation and monitoring of the meter for the first 25 days is \$9,144.00. The MA approved the quote for the first 25 days at the September MA meeting. **If the MA concurs, we will notify EnerG Test to proceed with the installation and first 25 days of monitoring. IF there are no notable electric surge or related events in the first 25 days, we will notify them to leave the monitor in place for an additional 25 days.**
 - Arc Flash labeling will need to be installed in advance of EnerG Test's meter installation. 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 can 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 notified the awarded contractor, Vortex Services, of the award. The contractor provided bonds, insurance certificate, and the contract document. The bonds and contract document are acceptable. We are confirming acceptability of insurance coverages with Township staff. Once the documents are deemed acceptable, the contract can be executed and Notice to Proceed can be issued.

New Connections

- Millstone Meadows (1010 Hershey Mill Road) – We met with the Applicant’s team and East Goshen staff on September 12th to discuss the approach to satisfaction of conditions, plan updates, and legal agreements.
- 301 Reservoir Road (5-Lot Residential Subdivision) – We met with the Applicant’s team and East Goshen staff on September 12 to discuss the 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 – We met with the Applicant’s team and East Goshen staff on September 12 to obtain updates. A revised Land Development Plan was submitted on September 13. Pennoni is currently reviewing the plans and will provide comments.

Capital Improvement Plan

- We previously provided a 1st 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.

Other

We performed an emergency investigation of sanitary sewer damage and roadway collapse in the Willow Pond neighborhood due to an Aqua water main leak. A large hole in the storm sewer was also found and curbing was settling. We assisted with investigation of the existing conditions and extents of deficiencies and developed rehabilitation requirements. We performed inspections throughout the rehabilitation work. The storm and sanitary sewer, curbing and undermined roadway subgrade has been repaired. Temporary paving will be installed and will be left in place through the winter. Permanent wearing course paving will occur in the spring.

Mike explained pipe lining and mentioned all the areas in East Goshen that are being done. Unsewered properties were discussed.

3. Big Fish Environmental Services –

The Ridley Creek sewage treatment plant outfall 001 met all effluent limitations regarding water quality for September 2024. All supplemental reports were submitted for September 2024. Caustic usage decreased only slightly to 53 gallons per day from 54 gallons per day last month. Aluminum sulfate solution volumes decreased slightly to a daily average of 69.3 gpd from the previous standard of 70.3 gallons per day last month. 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 September 9, 2024 meeting were approved.

Approval of Invoices

1. After some discussion, Walter made a motion to approve the following Pennoni invoices:

Pennoni	Invoice #	1242328	\$ 278.25
		1242329	\$ 58.25
		1242330	\$19,512.00
		1242331	\$ 3,695.00

John seconded the motion. The motion passed unanimously.

2. John made a motion to approve the following Gawthrop Greenwood invoices:

Gawthrop Greenwood	Invoice #22062482	\$ 678.50
	Invoice #22064006	\$ 410.00

Walter seconded the motion. The motion passed unanimously.

3. John made a motion to approve the following paid invoices:

a. Matthews Paoli Ford (van for tour)	Inv. #810090	\$ 278.38
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- b. Phila. Bearing Drive Solutions Inv# 6648574 \$ 22,663.71
- c. Gap Power (mini camera) Inv #196538 \$ 14,182.73

Walter seconded the motion. The motion passed unanimously.

Financial Reports

Dave Ware provided the following report: Year to date September 2024, the Municipal Authority recorded \$563,293.75 in revenues (primarily from Sewer Capital Reserve and Sewer Operating transfers) and \$580,603.89 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, quarterly recharges, engineering, and audit expenses). The net result of operations is \$(17,310.14). As of September 30, 2024, the fund balance was \$(9,747.98), due to outstanding checks.

The proposed 2025 budget was discussed. Dave will have the final for approval in November.

Old Business - None

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Goals – The goals were reviewed.

New Business - None

Any Other Matter - Mark recommended doing something in recognition of Jack’s years of service.

Correspondence- None

Public Comment - None

Adjournment

There being no further business Walter moved to adjourn the meeting. John seconded the motion. The motion passed unanimously. The meeting was adjourned at 8:45 pm. The next regular meeting will be held on Monday, November 18, 2024 at 7:00 p.m.

Respectfully submitted,

Ruth Kiefer, Recording Secretary