

EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
June 10, 2024

The East Goshen Township Municipal Authority held their regular meeting on Monday, June 10, 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), Patrick McKenna (Attorney) and Scott Towler via phone.

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 and first responders.

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

New Business

1. Hershey's Mill Village - Ed McFalls and Dan Dailey (engineer) were here to represent the Green Hill Sewer Association, which is the sewer treatment plant for Hershey's Mill. Scott Towler, Ridley Creek Plant operator, was present by phone. Ed commented that several times they have had seeps near the garden and found it was ground water. This year it was treated water from the lagoon. They had a company come to check it out. The estimate to pump it out is \$235,000. They are asking if they can connect to East Goshen to pump down their lagoon which would cut some of the cost. They also spray the water to the golf course. Dan mentioned that they are getting other options and pricing. He mentioned the locations of several manholes. He feels Wineberry may be the best option. Ed commented that the seep is between the old and new lagoons. They process 230Kgal/day. They have used a bacteria treatment which is cutting the amount of sludge. Scott voiced his concerns. He suggested pumping this water at night. Maps of the area were reviewed and discussed. Patrick spoke about easements.

Dan discussed timing for the project depending on the option they select. He hasn't done the engineering yet. They just wanted to present the issue and see what the Municipal Authority could do. Permits will be needed. The MA members would like to help.

Chairman's Report/Other Members Report

Michele reported that she attended the West Goshen meeting. July 3 is their next meeting. She commented that we should pick three dates for a tour, and they prefer the end of the summer. Flow is going through the Westtown Pump Station. The contractor they used was not efficient and has had several fines against him. They have a punch list with 26 items remaining. The pumps are making an unusual noise. They were delivered a year ago and weren't used until now. They only have a one year warranty. A vendor to inspect the pumps will cost about \$16,000. The MA members thanked Michele for attending the meeting. She will not be able to go to the July 3 meeting.

SEWER REPORTS

1. Director of Public Works, Mark Miller's report for June 10, 2024.

Monthly Flows – The average daily flow to West Goshen was 869,105 gallons per day.

Meters: The meters were read on a daily basis.

- Allied Control was out to calibrate all the meters with no problems to report. I reached out to Paul Mamsic to get his expert opinion to see if the meters need to be replaced. Paul was going to speak with his technician after the latest calibrations.
- I also asked about installing a temporary meter above the current meter. This can be and will be done once we receive the proper pipe band.

C.C. Collection:

- All pump stations were visited on a daily basis.
- Wet wells were hosed down along with routine maintenance.
- We did not have any problems during the month.
- We utilized Mike Patterson to make building repairs to the Ashbridge pump station.

C.C. Interceptor:

- Nothing to report.

R.C. Collection:

- The pump stations were visited on a daily basis
- Wet wells were hosed down.
- Oil and fuel levels were checked.

Ridley Creek Plant

- Public Works wrapped up the hose and equipment from the UV work.
- We straightened up the entire plant before the insurance carrier came for their inspection. The inspector was impressed with everything she saw.

- The UV company kind of threw a wrench into the project by requiring some additional brackets which will result in additional work.

Alarms: 17 (all power outages)

PA 1 Calls: 109

Monthly Rainfall: 3.05”

Lateral Repairs or Caps: 5 (caps only)

2. Pennoni Engineer’s Report dated June 10, 2024

Ridley Creek Sewage Treatment Plant (RCSTP)

- **Caustic Soda Conversion** – We were informed by Mark Miller that the tank’s outside insulation is again pulling away from the tank in some locations. We contacted the supplier, Pyrz, to alert them of this issue on April 5. Pyrz has been in contact with the RCSTP operator to schedule the tank repairs.

The outdoor emergency shower was installed. On April 11, the tank was filled and put into operation. We provided chemical feed pump rates to the operator for system startup. The chemical feed pump and injection point fittings began to leak. The fittings have since been tightened and are currently not leaking.

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 once the system is ready for operation so that the Manual can be finalized.

UV Disinfection System – To remedy the open strip that allows UV light to escape and to account for Glasco’s latest design, Glasco has fabricated a shroud and vertical guides at no extra cost. The shrouds and vertical guides were delivered to the plant on May 23. We contacted Glasco on May 23 to ensure that it was required to install the vertical guides, as installation of the guides will require the channel to be drained and the plant shut down. On May 29, Glasco confirmed that the vertical guides must be installed to keep the UV modules in place and allow them to be safely removed from the channel. Mark Miller has been in contact with the contractor, Zimmerman, and tentatively plan to install the second UV module, shroud, and guides overnight the week of June 10. Lenni will be scheduled thereafter to install the control panel in its permanent location on a follow-up night.

The jib crane is expected to be install around that same also. The temporary system will then be fully disassembled, and the temporary channel will be returned to Glasco.

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 14, 2024*
 - *Two Week Trial of Second New UV System in Permanent Channel – June 14 – June 28, 2024*
 - *Construction Completed –Early-Mid July 2024*
- **Generator #2 Replacement** – Public Works has constructed the concrete pad expansion for the generator, and the generator was delivered to the RCSTP on April 8. It is our understanding that electrical work and setting of the generator on the concrete pad is being scheduled with Lenni.
 - **Electrical Surge Evaluation** – The Municipal Authority asked at the last meeting 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. We spoke with Lenni Electric, who concurs with this recommendation, but has not previously installed data loggers before. Lenni and Pennoni are both looking into other parties to install a data logger and to obtain quotes.

Sanitary Sewer Pipe Rehab

- **Chester Creek Sewer Rehab** – The Contractor, Insituform, has completed all work. We received the pre and post videos of the pipe relining work on May 8. The post video showed that the lateral reinstatements along MH C027-C026 were not brushed. The Contractor returned to the site and performed the lateral brushing work on May 20. The Contractor still needs to provide the final payment application, closeout documents, and prevailing wage certifications.

We also processed the Contractor’s fourth payment application and provided a recommendation letter on May 29.

- **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)** – The Chester County Conservation District questioned portions of the proposed sanitary sewer main routing in their review of the project plans to avoid proposed stormwater features. We are coordinating with the design consultant to revise accordingly to the extent feasible.
- **301 Reservoir Road (5-Lot Residential Subdivision)** – We received a revised Land Development Plan submission and provided our comment letter on May 14.

- 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 provided comments on the Sewage Facilities Planning Mailer submission, and we provided responses to the design consultant.

3. Big Fish Environmental Services –

The Ridley Creek sewage treatment plant outfall 001 met all effluent limitations regarding water quality for May 2024. All supplemental reports were submitted for the May 2024. Chemical usage utilized for total alkalinity has changed compared to previous months because we have now entirely switched from dry powdered soda ash to liquid caustic soda. Aluminum sulfate solution volumes decreased to a daily average of 74.8 gpd from the previous standard of 84.7 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 May 13, 2024 meeting were approved as amended.

Approval of Invoices

1. Jack moved to approve payment of the Maillie paid invoice #106389 in the amount of \$3,750.00. Kevin seconded the motion. The motion passed unanimously. Dave mentioned that the Maillie rep will be at the July meeting.

Liaison Reports

1. Board of Supervisors - Michele reported that at their last meeting they discussed the possible sewer rate increase. East Goshen Park will need running water in the fountains. Their meetings this summer are June 18, July 16 and August 20.
2. Conservancy Board - Walter reported that they are looking to partner with other conservancies to monitor the streams.

Financial Reports

Dave Ware provided the following report:

Year to date May 2024, the Municipal Authority recorded \$273,107.82 in revenues (primarily from Sewer Capital Reserve and Sewer Operating transfers) and \$268,465.58 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 \$4,642.24. As of May 31, 2024, the fund balance was \$12,204.40.

Old Business

1. Approval of Payment Application #4 - The contractor, Insituform Technologies, LLC, has submitted the fourth invoice for work completed for the Chester Creek Interceptor. Mike Ellis verified that the described work has been completed. Dave mentioned that he is looking into possible grants. Kevin made a motion to pay the amount of \$117,677. as indicated on Payment Application #4. Jack seconded the motion. The motion passed unanimously.

2. Westtown Way Pump Station - The MA members selected the September 9, 2024 meeting at 5:00 pm to do the tour. The Pump Station will be first then the West Goshen Plant.

Goals – The goals were reviewed.

Any Other Matter -

1. PUC Fine – The PUC PA One Call fine and Brubacher letter of response in support of East Goshen Township were reviewed. Mark will follow up on this.

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 8:40 pm.

Due to the holiday and scheduled vacations, the next regular meeting will be held on Monday, July 15, 2024 at 7:00 pm.

Respectfully submitted,

Ruth Kiefer, Recording Secretary