

**EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
October 11, 2021**

The East Goshen Township Municipal Authority held their regular meeting on Monday, October 11, 2021 at 7:00 pm. at the Township Building.

Members in attendance were: Dana Pizarro, Chairman; Jack Yahraes Vice Chairman; Phil Mayer, and Walter Wujcik.

Also in attendance were: Mark Miller (Director of Public Works), David Ware (Financial Director), Mike Ellis (Pennoni), Robert Jefferson (Gawthrop), Michael Lynch (Township Supervisor), and Scott Towler (Big Fish).

COMMON ACRONYMS:

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

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

Dana 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 military around the world, police, and First Responders. Dana asked if anyone would be recording the meeting. There was no response.

Chairman’s Report

Phil reported that he attended the West Goshen meeting. They have 360 homes in the township that are not connected to public sewer. They are moving their banking from Fulton to TD because of fees. They are considering sharing the banking fees with other users of their system. They started up and are testing the Comag. Their phosphorus level is high for now. They had several overflows during the storms. The biggest was at the Westtown Way Pump Station.

Sewer Reports

1. Director of Public Works, Mark Miller’s report for September 2021

Monthly Flows: The average daily flow to West Goshen was 700,530 gallons per day.

Meters: The meters were read on a daily basis. We have a signal issue with the Hibberd Lane meter. John Laidley has been working with the meter representative to correct the problem

C.C. Collection – We have been checking the pump stations on a daily basis with no real problems to report. We televised and cleaned Christine Lane as part of our routine maintenance. We were notified of a lateral blockage at 309 Reservoir Road. We made several attempts to clear it with a plunger but ended up using the Jetter and various cameras to get it

cleared. We found a lot of decorative stone in the lateral. We also mowed the sewer right of ways and inspected manholes while clearing the right of ways.

R.C. Collection – The pump station was visited on a daily basis. The mag meter was taken out by the flood at the Hershey Mill Station. John Laidly has ordered a new flow meter and will install it once it is delivered. We mowed the sewer right of ways and inspected the manholes along the creek.

Ridley Creek Plant – Routine maintenance was performed with no problems this month.

Alarms: We responded to 18 alarms in September.

PA One Calls: We responded to over 56 PA One Calls for the month of September.

Rainfall: 10.62 inches of rain for the month of September.

Lateral Repairs or Caps: We repaired 2 laterals and inspected them.

2. Pennoni Engineer’s Report for September dated October 7, 2021

Ridley Creek Sewage Treatment Plant (RCSTP)

- Caustic Soda Conversion – We attended a meeting at the RCSTP on September 14 with the operator and controls contractor to review the plans. We revised the plans thereafter to address comments, specifically adding a 5th chemical feed pump that will feed caustic soda into the WAS piping en route to the sludge holding tanks, updating controls logic, and specifying diaphragm instead of peristaltic pumps. We have obtained three quotes for tanks and are continuing to coordinate with vendors to obtain quotes for the chemical feed pumps. The equipment costs are generally coming in on budget so far. Updated plans are expected to be submitted to the Township for review the week of October 11 and for use by the controls contractor and electrician to provide pricing for their aspects of construction. We are planning to present the equipment quotes to the MA at the November meeting for purchase authorization.
- UV Disinfection System – this is discussed later on the agenda.
- We coordinated with the operator to perform sampling for the NPDES Permit Renewal application. The application is prepared with the exception of sampling results. It will be submitted before the November 1 deadline.

Ridley Creek Collection System Permanent Meters

- No activity since our last report.

Westtown Way Pump Station

- We performed a very cursory evaluation of bids and bidders, evaluated potential costs for EGMA budgeting, and communicated with HRG for status updates on the award process.

Sanitary Sewer Pipe Rehab

- Supplee Valley – No activity since our last report.

- Hershey's Mill Estates –

1. We have prepared the PADEP General Permit GP-11 application for waterway impacts, and we expect to submit to PADEP the week of October 11. This permitting typically takes 90-120 days for review.
2. We are coordinating scheduling with Mark Miller for the subsurface groundwater and rock test pits. Our geotechnical engineers will be on-site to observe and to perform limited hand augers as well.
3. Lastly, we are preparing an updated opinion of probable construction cost.

I&I Program

- No activity since our last report.

New Connections

- We performed an updated study of the costs and feasibility for public sewer extension to several unsewered neighborhoods to estimate the costs of extension vs. on-site system replacement. A letter report was submitted. There are 324 homes with on-site systems in EG. The average cost for connection to public sewer is \$60,000.00.
- 1344 Morstein Road – We performed an initial evaluation of the feasibility of connecting to public sewer per an inquiry by the property owner.

Industrial Pretreatment Ordinance

- No activity since our last report. As discussed at the May MA meeting, a headworks study with sampling at the RCSTP needs to be conducted to set contaminant limits. There will not be a notable cost savings to perform the sampling as part of the ongoing NPDES Permit Renewal sampling since the sampling will be significantly different. Consideration should be given to budgeting for the headworks study and sampling in 2022.

3. Big Fish Environmental Services –

The Ridley Creek sewage treatment plant outfall 001 achieved compliance with the permit discharge limitations for the month of August 2021. All supplemental reports were submitted with the DMR. Discharge to the Applebrook irrigation lagoon remained in service. Chemical usage utilized for pH and total alkalinity remained consistent with previous months. Aluminium sulfate solution volumes slightly increased during September as compared to August to achieve phosphorus removal. No significant mechanical or operational issues were observed during operation of sludge dewatering equipment or SBR treatment process. There were no odor complaints during the month. The RCSTP stayed in compliance during the Ida storm. Scott is preparing the data for Pennoni. They switched labs to Suburban Testing.

Approval of Minutes

Jack moved to approve the September 13, 2021 minutes as amended. Phil seconded the motion. The motion passed unanimously.

Approval of Invoices

Phil moved to approve payment of the 5 Pennoni invoices totaling \$11,432.86. Walter seconded the motion. The motion passed unanimously.

Liaison Reports

1. Conservancy Board – Walter reported that three trees have been replaced in Clymer’s Wood. They will select a day to do the mulching. He spoke about the Toddlers Trick or Treat event scheduled for October 29. Jason would like to have one or two members of each ABC attend in costume to greet the families and explain what their ABC does for EG.

2. Board of Supervisors – Mike Lynch mentioned that they are considering setting up a new infrastructure account. They did not approve the PPA through the COG regarding municipal energy because it required a 15 year commitment. The Federal stimulus money will go toward MA upgrades. They reviewed 2 ordinance updates. They approved hiring an additional Public Works Department employee.

Financial Reports

1. September Financial Report - Dave Ware reviewed the following report:

In September, the Municipal Authority recorded \$24,148 in revenues (transfers from Sewer Operating and Sewer Capital Reserve) and \$21,391 in expenses (primarily for HM Estates sewer engineering/design/permitting), for a positive variance of \$2,758. As of September 30, 2021, the fund balance was \$25,336. Dave explained that the rate increase in July was for the budget year 2021. Mike Lynch spoke about raising rates vs getting bonds. The Capital Reserve Fund and infrastructure was discussed. The older asbestos cement pipes are being gradually replaced.

2. Westtown Way Pump Station – Dave reviewed his report dated 10/11/21. He will present it to the BOS. HRG will supply more detail.

Old Business

1. UV Update – Mike Ellis reported that they met with the Glasco UV system rep and received a quote and product information for their recommended vertical replacement system. We also contacted a Glasco UV reference, Les Harvey, the operator of the Humbolt Industrial Park WWTP in Hazelton, PA, who provided positive first-hand operating, cleaning, and maintenance experience information about the existing Glasco vertical UV system. As requested by the MA, we also initiated research of other product alternatives for due diligence, and we have been in contact with Enaqua as well as the Trojan system vendor, Kappe. A site visit with Public Works, the operator, and Kappe is scheduled for October 13 to evaluate the feasibility of Trojan as a replacement UV system. Coordination with Enaqua is ongoing. Mike explained the vertical system.

2. Hershey Mill Trunk Line – The cost estimate for this project was originally about \$900,000. It has increased to \$1,456,000. Dave reviewed the different costs. Mike Ellis explained that they took the average cost and added 15% contingency. This is a more complicated job. Mike Lynch asked Mark Miller for input. Mark explained where the shale is located. In 2011 on the Lochwood project, they did rock borings. He compared rocks and elevation at Lochwood vs HM. They are using iron piping at HM. There is one way in and out but depending on circumstances they could have a second way through the HM Dam. Mike Ellis feels the labor will be the bigger cost.

Goals

Dana reviewed the goals.

New Business

1. Magmeter at Hershey Mill - The magmeter at Hershey Mill Pump Station was flooded during the Ida storm. It will be \$5,000.00 for a new one.

Capacity Request

1. 1344 Morstein Road – Mark explained the request from Kyong-aie Thomas at 1344 Morstein Road. She has a verbal easement with her neighbor. When Mark receives the official easement, he will send it to Robert for review.

Any Other Matter - None

Correspondence- None

Public Comment - None

Adjournment

There being no further business Phil moved to adjourn the meeting. Walter seconded the motion. The motion passed unanimously. The meeting was adjourned at 8:40 pm.

The next regular meeting will be held on Monday, November 8, 2021 at 7:00 pm.

Respectfully submitted,

Ruth Kiefer, Recording Secretary